

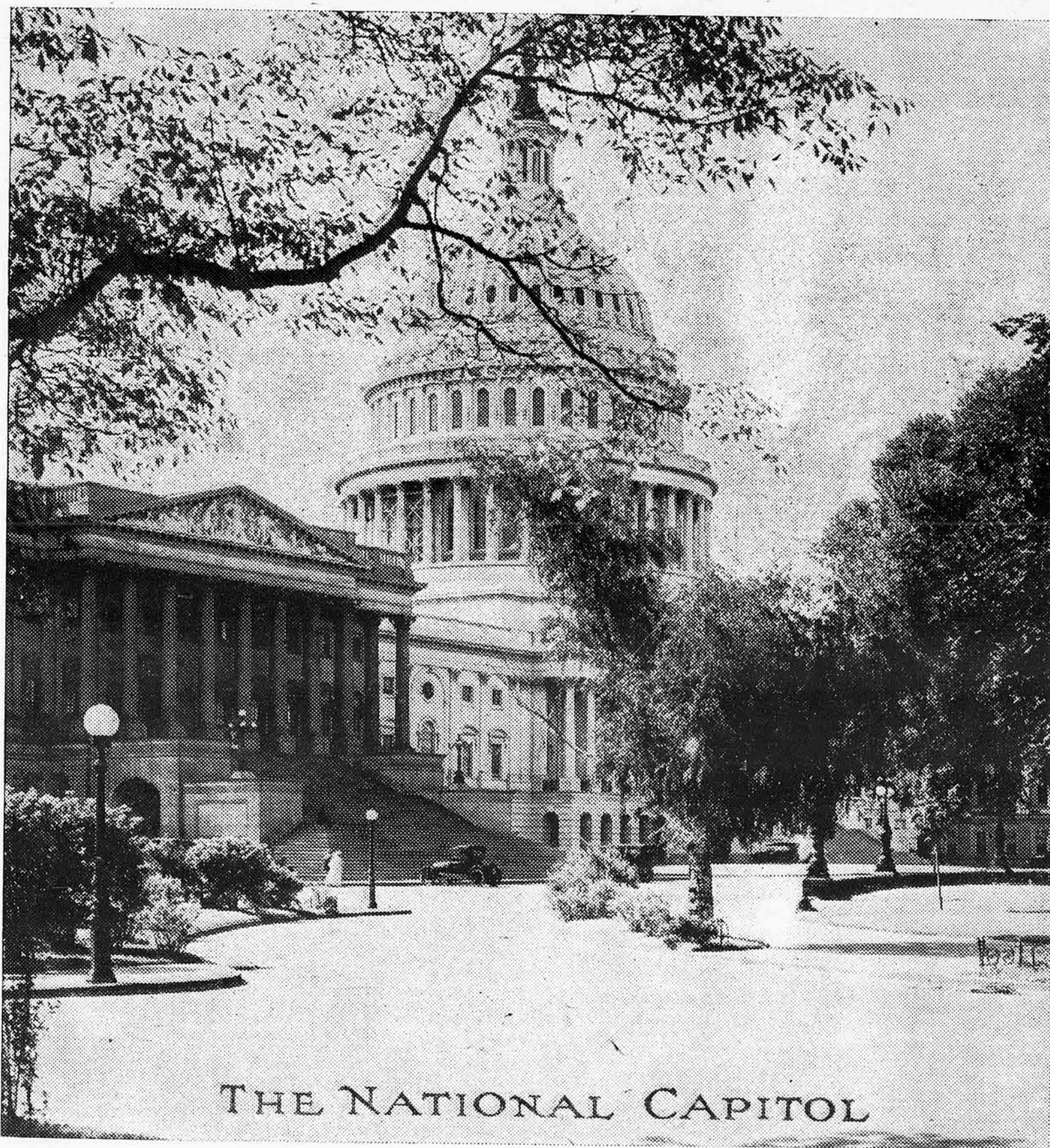
KANSAS SECTION THE CAPPER FARM PRESS

KANSAS FARMER AND MAIL & BREEZE

Volume 59

February 26, 1921

Number 9



THE NATIONAL CAPITOL



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Our Washington Comment

By Senator Capper

DISAPPOINTMENT is very keen, this week, among members who have been making particular efforts in behalf of the farmers of America. I suppose there is no doubt that the farmer's cause, and the many problems confronting him, have had more consideration than at any other period; but even granting this, the final summing up of results, so far as the present session of Congress is concerned, is far from satisfactory. Everyone familiar with conditions in Washington knows that a general feeling existed that the time had come when the Government must give farmers real and generous thought.

The Co-operative Marketing bill, which I introduced, went thru both houses of Congress, but as it progressed it gathered a number of amendments, added by unfriendly interests—amendments which, I believe, weakened its effectiveness. It has now been in the hands of a Conference Committee for more than a month, and probably will stay there. Certainly there is scarcely a chance of its becoming a law at this session.

This bill will be introduced again next April when Congress re-convenes. I believe, too, that it will get thru then. All the big farm organizations supported it, and they will line up again in its favor at the right time.

Grain Gambling Reprived

My bill to prohibit gambling in grain options will have to go over to the next session, but only because of a lack of time to give it proper consideration. This perfectly valid excuse hits many a worthy measure. Indeed, a man need not be long in Washington as a member of Congress before realizing the difference between business and Government. In the great industrial enterprises a group of men responsible for many departments keeps everything running smoothly thruout the year. When the board has its annual meeting in December or January it probably would fire a department head who came rushing in at the last moment with a demand of some kind. But the Government has no board of directors. As a result the discharging committee does not know until the last moment what will be needed, and then the numerous demands must be reconciled with the temperamental peculiarities of many men.

So it is that much important legislation, delayed by discussion which is necessary, clogs the legislative hopper at the last moment, and finally must be held over in order to avoid the danger of too hasty and unwise action.

Each side must have a chance to be heard. In the case of the anti-gambling bill the House Committee on Agriculture gave everyone a chance. The grain dealers, the Chicago Board of Trade, and others were here, and put up an energetic and forceful opposition to the bill. However, I have an understanding with the House Committee on Agriculture that this bill forbidding gambling in grain options will have the earliest attention when the next Congress organizes. There is a tremendous demand for such legislation. I believe more petitions, containing more names, have been filed here favoring this bill than have ever been presented to Congress in relation to any legislation affecting farmers.

Farmers Against Sales Tax

Farm organizations everywhere are registering their opposition to the proposed repeal of the excess profits tax, and the substitution of what is variously called a consumption, or sales tax. The American Farm Bureau is a leader in this attitude. I believe it is important for all such organizations, and even for farmers as individuals, to let Congress know just what they think of this legislation. What we call big business, by which is meant the United States Chamber of Commerce, associations of manufacturers, and so on, favors the repeal of the excess profits tax, which means, of course, they favor a tax—if we must have any—that will be easily passed right on to the consumer, which certainly would

be the case if we were to have a sales tax. The viewpoints of those considering the two methods of taxation differ, of course; both realize that any tax conceived is passed right on by manufacturer to the next in line, and that ultimately it reaches the Common People. However, there is this commendable difference between the two forms of taxation described: The excess profits tax affects more especially the luxuries and the very high priced articles. A sales tax, such as the friends of big business favor, would put additional burdens on the already heavily-laden shoulders of every man and woman. It would be found in every pound or ounce or yard of whatever might be bought. Farm organizations find it difficult to forget that a measure favored by big business over an existing law probably is a much-to-be-preferred measure—for big business.

Packer Legislation Delayed

It doesn't seem as if the packers need to worry much over what remains of the present session. Those who had hoped for regulatory legislation affecting this business have resigned themselves to disappointment, but with the knowledge that it is only a temporary set-back. The delay for which the packers wished was created thru the substituting of a House bill for the original measure; but this delay has merely postponed the inevitable. The subject will come up again in the next session. This is as certain as anything can be, and the demand of the country that it be enacted is so overwhelming that favorable action, I believe, is almost certain.

Garden Seed Graft Lives

It looks very much as if the old garden seed graft, so much opposed by farm organizations, and so energetically fought for years, would survive the latest bombardment. I have been vigorously fighting against this appropriation, from start to finish. Altho the provision for \$369,000, a larger amount than usual, went thru, it was by a bare majority, so I believe we are actually making some progress. Opposition to this graft is increasing year by year, and for that reason I hope to see it killed by the next Congress. I have received a letter from J. C. Mohler, secretary of the Kansas state board of agriculture, at Topeka, urging that everything possible be done to eliminate this seed provision in the Agricultural Appropriation bill, but I fear it will slip thru this year as it always has done.

The Emergency Tariff

The Emergency Agricultural Tariff bill has passed the House and Senate with amendments, and I believe the House will agree to the last suggested changes. This will put the question up to the President, squarely. The general opinion is quite general that he will veto the bill. The outcome then would be an abandonment of such tariff legislation in this session, and the subject matter it contains would go into the General Tariff bill to be prepared in the next session.

The War Finance Board

The one survivor among the various measures intended to help farmers is the revival of the War Finance Corporation. This was brought about only after bitter opposition; indeed it was passed over President Wilson's veto. Up to this time, however, it has not functioned actively enough to give any extraordinary help where it was needed. For one thing the machinery has been in the hands of Secretary Houston, of the Treasury department, who never has been friendly to it or to those it was hoped to aid. The one bright hope now is that the forthcoming Administration will use this War Finance Corporation to reopen the markets of the world, and make it possible to dispose of surplus products of the farms.

Arthur Capper

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MAKES HIS OWN STOCK FOOD

Prominent Hog Raiser Has Found Way to Mix His Own Stock Food—Feeds Same in Quantities at Small Expense With Big Results

"That he is all through spending big sums of money for stock foods and hog remedies and that he is raising some of the best hogs ever placed on the market," was the statement made recently by E. H. Beckstead, well-known hog raiser and authority on livestock.

Mr. Beckstead's hogs are the envy of his neighbors, and have "topped the market" for several years in Iowa. He states that for years he spent large sums annually for hog foods and hog remedies and while they all were beneficial, they proved expensive, even when fed in a limited way. He discovered that all stock foods contained a certain amount of filler and waste product and the ingredients that benefited the hogs was the minerals they contained, which he states the hogs need in large quantities. He tells the secret of his wonderful success by explaining that he takes about five pounds of ordinary mineraline (which is pure concentrated minerals and costs only a couple of dollars) and mixes same with enough bran or filler to make a hundred pounds. All hogs and especially brood sows require minerals as they keep them free from worms, and in the pink of condition, and are essential to the hogs' growth and a well balanced ration. He states that by mixing his own stock food it enables him to give the hogs all the minerals they can eat, which is especially necessary at this time when everyone is feeding heavy on corn, and that the expense is so small it is hardly worth mentioning. It is no trouble to prepare the mixture and when placed in a sheltered box the hogs will go and get it as they need it, and the results obtained from it are almost unbelievable.

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Please send me full instructions for mixing Mineraline, and directions for feeding. Also send me, all shipping charges prepaid, lbs. of Mineraline, for which I enclose \$.....

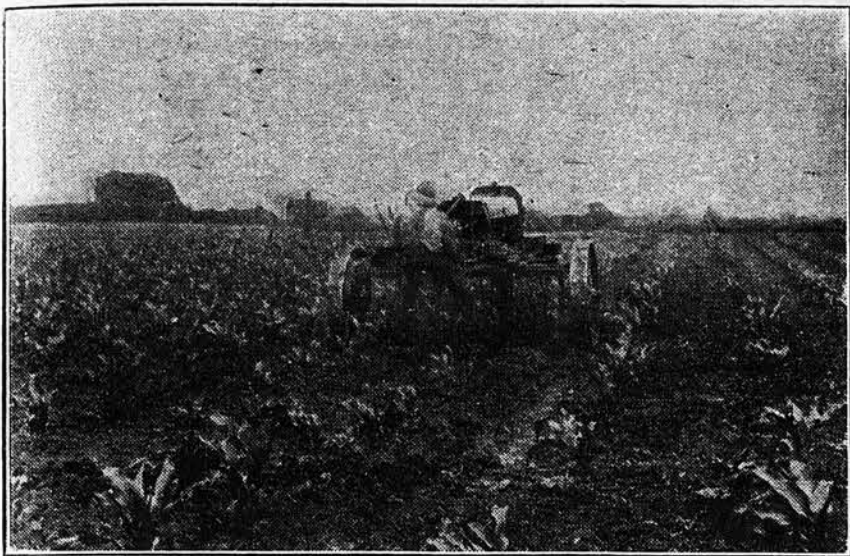
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Free Book describing all styles of fence—hog, poultry, field or ornamental, also gates, at wire mill prices. This book shows you how to save big money. Send for it! **Geo. E. Long, OTTAWA MFG. CO.** President, 107 Union Ave., Ottawa, Kans.



And Agriculture Has a Future

By F. B. Nichols

THE drift of farm boys to the city has almost stopped—temporarily at least. Unhappy economic conditions in the great centers of American life have had a decidedly beneficial educational effect on the young men and women of the open fields—they have come to see that the farm, despite some of the low markets of the last few months, is not such a bad place after all. Country people are still having plenty to eat and a place to sleep—and that is more than can be said for the folks in the cities who have been out of work for the last three or four months.

It takes a time of trial, such as the last few months have been, to bring forth the relative advantages of the city and country into the glare of the calcium light of correct public judgment. When conditions are such as they were a year ago, it seems that the city has the best of the deal. But when millions of men in the cities are out of work, as they are now, it becomes evident that there is another side to the argument. Farmers are always the last people to starve—quite naturally—for they are nearest to the source of the food.

Conditions have been worse in the cities than many country people have believed. There is nothing more terrible than to be face to face with a situation—as many boys and girls in the cities who came from the farms have been in the last few months—of a declining or almost exhausted bank account and no chance for work. Day after day—thousands of men and women have tramped the streets looking for work—and there was none to be found. That is the time when one's thoughts turn back to the farm, and the advantages which country life offers. Of course, this situation probably will adjust itself in the coming months, but in the city, where most of the work is done under a boss and with the economic conditions we have now, one is likely to be confronted with a situation like this every time business conditions become depressed, unless he is a specialist who can do work which the ordinary man can't do. And to become a specialist takes years of work and expensive training.

To prevent the country young people from going to the city, and getting against a situation like this again, it is evident that a definite campaign to sell the advantages of country life to the young folks is in order. It is plain that in many cases when the more desirable young folks leave it is because of a lack of vision of what country life is, or can be. When this condition prevails, and it is true in all too many cases, it is a sad reflection on the community or the parents involved. As a result of a study along this line, it becomes increasingly evident that community pep and co-operation in the solving of the social and economic problems of country life are essential in putting the young folks in a state of mind so they can "get" the larger vision of the country and what it can afford in providing surroundings for the developing of a happy life.

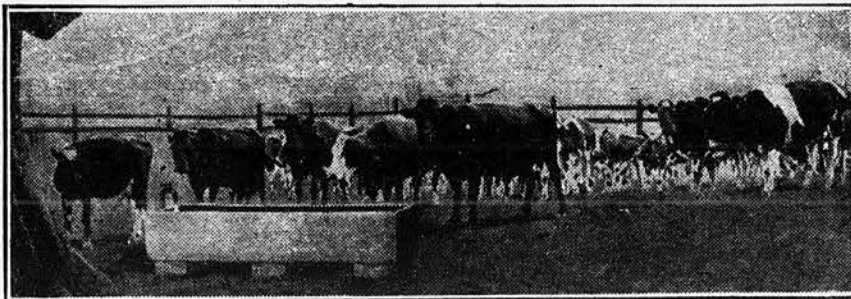
Of course, there are two currents in the cityward drift of the young folks. One is the intelligent, desirable class much needed on the farms—in many cases these young people are the potential leaders of the "New Day" in agriculture if they can be kept in the business of farming. The other class is the lower strata of the country people—and the city is welcome to this class, which, by the way, is small.

But the better class goes to the city for two principal reasons as a rule: the young folks believe that life on the great white way offers more of

happiness or a greater financial reward, or both. And naturally a man or woman has a right, and indeed should, go where he can do the best—where he can get a financial return that is worth while, and do work that he likes. Furthermore, there is no more reason why a farmer's son should be a farmer than that a doctor's son should be a doctor. There will always be a small class of intelligent young men and women who do not like country life and who will go to the city, and perhaps do well there. It is a good thing for the cities, by the way, that this is true, for a considerable proportion of the leaders there today were born on farms.

However, 90 per cent of the desirable young men and women who are going to the cities today do like the farm fairly well, and would stay there if they thought that the opportunities were equal to those of the towns. Therefore it resolves the problem down to this: the parents and other persons interested in these young folks must sell them on the advantages of country life if they are to remain there.

Fortunately, there are many examples of where this is being done very effectively. You can notice, if you will study the matter, as the Capper Farm Press has done, that the young folks who



live in modern country homes in communities where there is a good community center, or at least considerable community life, are not leaving the country in large numbers. Not so you can notice it! Under surroundings of this kind they get the vision of the "New Day" in farming which is just at hand, and the idea of going to the city and working under a boss has no special attractions. In other words, they obtain a correct idea of the relative advantages of city and country life. It is the boy from the poorly furnished country home in the dead community who is most attracted by the white lights of the great, congested centers of American life.

This seems to bring out the thing needed in stopping the city drift of the young folks—which is merely putting a little more pep into country life. While it is true that not all farmers have the money available to buy the things needed in making a modern, well furnished country home, it also is true that the funds are available on tens of thousands of places where this has not been done. And any community can get on its toes in the solving of the basic social problems with which it has to deal.

Naturally there are plenty of arguments parents can use on the young folks in regard to the disadvantages of city life—after they have provided the proper home and community environments. Of these perhaps the most effective is to show that in the way city life is organized today it is only the highly trained specialist or the man with

a great deal of money to aid him who has a chance at the big success. Most of the country people who go to the cities do just ordinary work—there is a choice collection of "blind alleys" into which they go, and spend the rest of their lives working under a boss, who is more interested in what he can get out of them than he is in their welfare. The day when the untrained young man went to a city with 50 cents in his pocket and became a great captain of industry is all but passed. He is much more likely to end his days driving a truck, or working on the streets.

But you must show the young folks that they have an opportunity to satisfy the normal craving for happiness which every young person has in a life in the open fields, or the drift to the city will be continued. It is time that agriculture began to sell its advantages to its young people.

Improving Farm Woodlots

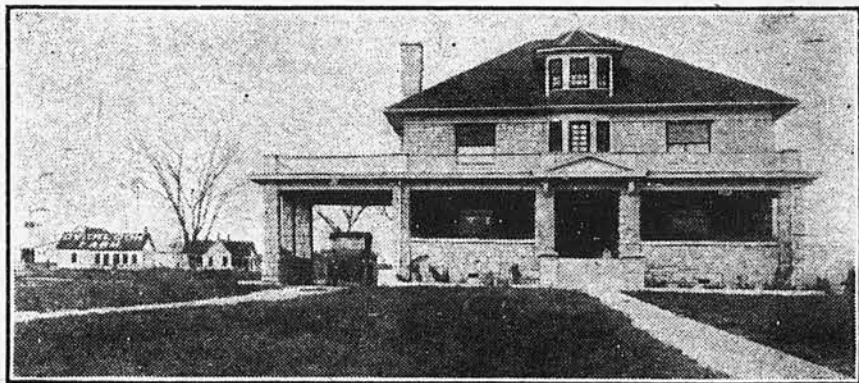
THERE are two general types of farm woods, each of which requires a different method of handling: (1) Those characterized by the presence of old trees which dominate the stand, and (2) those which are made up of a nearly even-aged stand of second growth.

Where there are old trees which dominate the stands to a certain extent these old trees may almost totally exclude the younger growth, or they may exist only as a few scattered individuals thruout the stand. Such material is likely to be deteriorating in quality, and the problem is to remove it, and at the same time provide for a new stand of seedlings. From the standpoint of strict business management timber when mature should be cut just the same as wheat or oats; and usually this also is desirable for the good of the woods itself. No dead or diseased timber should under any circumstances be permitted to stand. The first operation necessary, then, in woods of this type is to cut out at once the dead and diseased material. The second is to cut the mature living trees as soon as sufficient reproduction is started in the openings and marketing conditions permit a satisfactory sale. Heavy stands composed almost wholly of mature trees should not be removed all at once unless the owner expects to provide for the new crop by planting.

In woods where the stand of old trees is not dense and reproduction is already well started, the mature trees should be cut as soon as practicable. Unless removed these will suppress and kill out young trees which eventually would be highly valuable.

Where the woods is made up of a nearly even-aged stand of second growth, trees of undesirable species may predominate and may be crowding out the better ones; or the stand may be overcrowded; or it may be understocked and not reproducing. Such woods need improvement cuttings.

The woods crop, like any other, should be judged by its quantity and quality. To obtain a full stand of trees of high quality, therefore, should be the end sought. Fortunately, the quality of timber is determined largely by how close together the trees are. A very close stand is always highly desirable.



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Passing Comment—By T. A. McNeal

SOME 14 years ago two young men born in North Carolina, concluded to go West. Just how they happened to locate finally in the little town of Temple, Okla., perhaps, they themselves could scarcely tell. Neither of the brothers ever had any experience as merchants and neither of them had any capital. They found a little store in the new town with about \$1,300 worth of not very well selected goods. The proprietors were not prospering and wished to sell. They were willing to sell on time and the brothers decided to take a chance. They went to the town banker, made a frank statement of what they intended to try to do and asked for a loan of \$300. The banker concluded to take a chance and made the loan.

As I already have said the young men never had any previous experience in merchandising but they had faith in themselves and they had a definite policy. They determined right at the start that they would do a strictly cash business. Residents of the town predicted that they couldn't do business that way; that they wouldn't last more than a few weeks, but they had the confidence of youth and maybe the valor of ignorance. They stuck to their policy. A man who was in the business of ginning cotton sent to the store for supplies and asked that the bill be charged. The request was refused. The cotton gin proprietor was indignant. He never had been refused credit in the town before and joined the crowd that was predicting the early failure of the two brothers.

The banker who had lent them the \$300 sent his hired man over to the store with an order for goods and asked to have the bill charged, but the proprietors replied: "Nothing doing." The banker was much peeved; like a good many other persons he thought the strictly for cash rule was good so long as it applied to other persons, but should not be applied to him.

For some time the Moony brothers had to do their banking in another town, but their policy won. They now have a great department store and their motto is to give their customers good service and satisfaction. If a customer desires something they do not carry in stock they undertake to get it for him if it is to be had. They never whine about the unfair competition of the great department houses or insist that persons living in Temple or in that vicinity should buy goods at home out of loyalty to the town. They frankly say to customers, "If you can do better somewhere else with your money you are justified in buying there. If we cannot show you that we can do as well by you as any other concern we do not ask for your trade."

Starting with no capital and no experience in commercial work these brothers in 14 years have built up a business of 1 million dollars a year. Recently they incorporated in order largely to give their employees an interest in the business. They have found that making their employees part owners of the business pays, in the increased interest one feels when working for himself. I think this case is interesting as a demonstration of what diligence, square dealing and the application of common sense will do in the way of building up a business in a small town.

Tariff on Farm Products

A SHORT time ago the American Farm Bureau Federation, with a membership of 1½ millions, covering 38 states, sent the following request to Congress:

"We ask the enactment of a tariff law at once which will give the farmers of America that measure of protection which may be necessary to equalize the difference between the cost of production of farm products in this country and the cost in competing nations where land is cheap and living far below the standard which prevails in the United States."

In response to this demand there was introduced the Emergency Tariff bill, which is still pending, but which seems likely to be passed before the end of the session on March 4. The bill imposes a pretty high tariff on nearly all farm products. If it passes it will place a tariff of at least 30 and it may impose a tariff of 40 cents a bushel on wheat. I have been asked the question whether or not the bill will benefit the farmers if it becomes a law. The answer to the question is largely a matter of guess. Ex-

perience will demonstrate the wisdom or lack of it in the law.

I am of the opinion that a tariff benefits the producers of an article whenever the amount produced is less than the amount consumed in this country. For example, the sugar planters of Louisiana, while voting with the Democratic party, which has always been supposed to be "a tariff for revenue only" party, always have demanded and generally managed to obtain a pretty high duty on imported sugar. There is no question that this benefited the sugar planters, for the amount of the tariff was added to the price of the sugar imported. As there were only a few sugar planters, comparatively, there has always been a good deal of complaint on the part of the many millions of consumers who used sugar but did not produce it, but there was no doubt about the benefit to the sugar planters.

I was raised on a farm. Our leading industry was raising sheep and wool. As the United States even then did not produce enough wool to supply the home demand, we desired a tariff on wool; in fact, we could not produce wool at a profit without a tariff. Of course, the complaint was made as in the case of sugar—that it was not fair; that a comparatively few sheep raisers should be protected, while the millions who had to use woolen goods had to pay higher prices than they would have had to pay if no tariff had been imposed.

Our sheep raisers made answer to this, that it was to the benefit of the country to build up the sheep-raising industry, and while temporarily it might compel the users of woolen goods to pay a slightly higher price than if there was no tariff, in the long run they would be benefited because if the sheep industry was destroyed in the United States after that was accomplished, we would be at the mercy of the big sheep raisers of Australia and other sheep-raising countries.

In cases where we produced more than the consumers of this country used, it always seemed to me that little if any benefit accrued from a tariff, for the reason that the foreign market finally fixed the price. For that reason I have always been and am still doubtful about the benefit to be derived from a tariff on wheat, cattle, hogs, or any other farm product of which we produce more than we consume. Experience may prove that I am wrong in my conclusion.

The American Farmer

THIS week we publish for our readers the second of a series of articles by F. W. Ramsey of Beloit. In this article Mr. Ramsey says:

"We inherited the English language, laws, literature and ideals, but our political institutions are largely an evolution. A written Federal Constitution, a Federal System, resting on self-governing townships, counties and states, a Senate which represents those states, separation of church and state, a Supreme Court to define and defend these overlapping rights and duties, free trade in land, public registry of land titles, a free school system, right of counsel for defense, these are our developments in government, now copied largely by England and other countries. The Declaration of Independence, the Ordinance of 1787 and the American Constitution are the most important and influential documents ever written and they were produced when the population of this country was almost wholly rural.

"Forest conditions continued to govern the development of the frontier until the line of settlements reached the prairies; then new conditions entered the problem. In the loose loam of the prairies the farmers found their old cast iron plows almost useless. Necessity brought about the invention of the steel plow which would scour, but with the new plow they were little better off, for even with the old they could put in all the grain they could cut with their old-fashioned cradles. Then came McCormick with his reaper, but still they were not much better off, for with the old implements they could grow all the grain they could thresh with the flail. The modern threshing machine came in response to an urgent demand, but increased production availed them little without better facilities for

distribution, and the result of that demand was the steam engine and the rapid increase in railroad building.

"The rural free school system came with the other improvements. There had been widely extended experience with 'rate schools' held in private houses, with the teacher 'boarding round,' so that rural public opinion was prepared to support the new movement. For the first time in the history of the world, farmers began to build school houses out in the country. A farmer boy, Horace Mann, was the first leader in the movement. For the first time a co-educational experiment was being tried out on a large scale and parents discovered that their girls were just as bright as their boys, but it did make a lot of the old men hot to have to pay taxes to educate the girls. If they had dreamed that this was the first step toward woman suffrage, it probably would have shortened their lives.

"Rural free schools resulted in more newspapers, lower postage, a National public opinion, a widespread, general intelligence, a Nation of people free and able to think for themselves. For the first time in history a reading, intelligent class of farm owners came into existence and a new power in the upbuilding of the Nation. Today we are just beginning to discover the real efficiency of our district schools. The great educational first law of nature is that all ages shall associate together, the younger absorbing knowledge from the older. In our little one-room country schools, where all the various ages recite in one room, this principle is carried out. The city graded schools in herding pupils of a certain age and a certain grade into separate rooms, carries out the city conspiracy against the child in the most perfect manner.

"Our district schools are not perfect. Our children are crowded thru too rapidly and are not thoroly trained when graduated, but it is the most efficient educational system ever devised.

"One of the by-products of our district school system is an enormous but almost unnoted National asset. I refer to the rural school women teachers, who are the elite of the Nation. Strong, ambitious, sensible, they fully deserve the confidence of their patrons. Backed by an efficient system and by the good will and respect of the public, they are really the most influential class in this republic. Narrow-minded specialists lament that after a few years of teaching these young women marry. A specialist is always ignorant and narrow minded. He has to be to be a specialist. After a few years of teaching these young women marry and enter the ranks of educated motherhood, and then become a still more valuable asset to the future of the Nation.

"For years German specialists talked about the feminization of American manhood thru attending schools taught by women. In July, August, September and October of 1918, they learned how these 'feminized' men could fight. When you educate a boy, you train a man; when you educate a girl, you train a family."

Co-operative Banks

HOUSE bill No. 198, introduced by Mr. Lipert, is an act authorizing the incorporation of co-operative banking associations, companies or corporations.

Briefly the bill provides that any number of persons not fewer than 60 who are citizens of Kansas, may associate themselves together for the purpose of conducting a general banking business. No one person shall own more than 5 per cent of stock. The net profits of the bank shall be applied to the payment of dividends on the stock, not to exceed 8 per cent annually on the par value, the remainder to be prorated to its several stockholders according to the amount of business done by the stockholder at the bank with the provision that one-tenth of the net profits must be carried to the surplus fund until it amounts to 50 per cent of the capital stock. No bank shall be chartered with a capital stock of less than \$15,000 and the full amount must be subscribed before a charter can be issued.

Every stockholder will have one vote and only one at any regular or special meeting of the stockholders, regardless of the amount of

his stock. The object of this bill is to permit the farmers to use their own credit, co-operatively in order to carry on their business.

In my opinion the object of the bill is good. At present the depositor in a bank loses control of his deposit except of course that he may draw it out of the bank. It has been found sometimes and, perhaps, often that while the farmers were unable to negotiate loans at their local banks on account of lack of available funds in the bank, as a matter of fact many thousands of dollars have been lent by the bank to borrowers outside of the state. The farmers simply desire the opportunity to use their own resources to finance themselves. I hope the legislature will pass the bill.

The Chattel Mortgage

MANY years ago there lived at Clyde, Kan., a unique character called "Judge Borton." Just how he obtained the title of judge I do not know, but was I think at one time probate judge of Cloud county.

He may not have been a profound lawyer but was possessed of a remarkable fund of humor and had a reputation as one of the most successful justice-of-the-peace lawyers in Kansas. He was handicapped politically by being a Democrat and made two or three hopeless races as the Democratic candidate for Congress in his district. One of his clients who had lost everything he had by the chattel mortgage route inspired Judge Borton to write the following description of the chattel mortgage:

A chattel mortgage in the West,
Is like a cancer on your breast;
It slowly eats your life away
And saps your vitals day by day.

A cloud by day and fire by night
It stands before a poor man's sight,
And haunts him in his dreams and sleep,
While salt tears trickle down his cheek.

A Sorghum Lapper, tired and poor,
Sees BANK in gold above the door,
And when the threshold once is crossed
The trap is sprung and all is lost.

His team, his grain, his cow and hog,
His bed and breeches, wife and dog,
On the altar of "three per cent" are tossed,
Time rolls along and all is lost.

Just Keep on Yelling

ONE OF my friends in Oklahoma has written me the following letter:

In Passing Comment of January 22, 1921, you state that you are receiving a great number of letters complaining about conditions which savor of a great deal of self-pity for the writers. Now, Mr. McNeal I assure you that it is not self-pity we desire, but we do desire conditions so that we can make a decent living and a little besides, and we are going to keep yelling until we get these conditions regardless of what you or any other editor may say or may not say.

Knowles, Okla. J. L. VANCE.

Go to it, old boy. I have no objections.

Questions and Answers

READERS of the Kansas Farmer and Mail and Breeze who desire to have legal advice or who wish to make inquiries on general matters may receive whatever service we can render in this way free of charge, but the limited size of our paper at present will not make it possible to publish all of the replies.

When is a note outlawed in Colorado? I took a note in 1914 on which the maker never has paid any interest, or made any payment at all. Can I collect payment by law? J. N. T.

Under the Colorado law a note is outlawed in six years unless some payment has been made on it.

Can the widow of a Spanish American soldier obtain a pension? J. M. W.

Yes, if she can establish the fact that she is the widow of a soldier she can obtain a pension of \$12 a month.

A and B are husband and wife, but are not living together. A never lived in the state of Kansas. B bought her home with her own money. Would a mortgage made by her without her husband's name on it, be a good lien on the property in Kansas where she resides and occupies the property as a home? H. F.

The husband's name would be necessary on the mortgage.

My mother and father separated when I was small. I always have been with my mother. My father married again and has five children, and he has accumulated property. Can I, after settlement of his estate, hold any share in it? My mother married again. If she should die before my step-father, can I have any share of his property? F. Y. F.

If your father should die without will, you would inherit an equal share of his estate with his other children that is, if his second wife survives him, she would inherit one-half of the estate, his five children by his second wife and yourself would inherit the other half. Unless your mother has property in her own name, at her death, if her second husband is living, the

property would all be in his name, and you would inherit nothing. If, however, your mother has property in her own name, at her death you would inherit one-half of it, unless she otherwise disposes of it by will.

1. Can a wife make a contract, written or otherwise, without the husband's knowledge or consent, that is binding in matters pertaining to farm operation?

2. Can anyone come on the premises of another and do work without the knowledge and consent of owner, and collect pay for same, according to law?

3. Is there a statute of limitation on the payment of a case other than book accounts and legal papers? D. B.

1. If the wife is the owner of the real estate, she has a right to conduct it as she sees fit without her husband's consent. If the husband owns the real estate, or if the real estate is held jointly by husband and wife, she, of course, cannot make such a contract without his consent.

2. No. The owner of the premises would not be liable for wages for work done without his knowledge or consent.

3. The statute of limitation applies to all kinds of debts, whether they are book accounts or not.

If a woman is married and lives in Kansas, can she go to another state and get a divorce and then return to Kansas and get married right away? P. L. N.

She cannot. A divorce in Kansas does not become absolute until six months after a decree of divorce is granted. If she marries again, either in Kansas or any other state before the expiration of the six months, she is liable to prosecution for bigamy in the state of Kansas.

Sick Soldiers Need More Hospitals

THE fact that 5,000 ex-service men with disabilities traceable to their service are falling by the wayside every 30 days is something which seems to me ought to be worthy of the deepest concern and thoughtful attention of every member of this body. These men are sons of your neighbor and of my neighbor. To them we owe an obligation that we cannot ignore. We have written laws upon the statute book which provide for them hospital care and treatment, compensation, and vocational training, and it is manifestly our duty to see that they get the benefit of these laws in their full intent and purpose. The welfare of these men is seriously threatened. To cut the appropriations for their rehabilitation during the coming year by 100 million dollars is to assume a responsibility which I, for one, do not care to assume.

The Government seems to have fallen down completely in its provisions for the care and treatment of disabled ex-service men. The provisions of the health bureau, war-risk insurance, and vocational education seemed to be good and on paper were admirable. But in operation the entire machine has broken down; and, in fact, never got well started. There has been no failure connected with the Great War, in any branch or department of the Government, so abject and shameful as the failure of the care and protection of the soldier.

I feel that the matter of hospitalizing these men is of the most pressing importance. On January 15 and February 3 there appears in the Record a letter from the Surgeon General of the Public Health Service which should have most serious consideration by Congress. He states "that 10,000 beds are urgently needed for the care of tubercular and mentally diseased ex-service men." He states that on January 1, 1921, there were 19,019 disabled ex-service men under treatment by the Public Health Service as patients of the Bureau of War Risk Insurance—7,586 of them suffering from tuberculosis, 5,690 of them with mental disorders, and 5,743 of them with medical and surgical disabilities. He further discloses the fact that nearly one-half of these men are in contract or leased institutions run for profit. He might have gone further and stated that many of them have landed in state insane asylums along with the criminal and pauper insane; that many of them have been arrested and thrown in jail and then committed to insane asylums; and that some of them have been found in county institutions for the poor.

In view of the fact that there will be twice as many disabled men in hospitals during the approaching fiscal year as there were this year, the reduction of the amount to be appropriated for their hospital treatment by 17 million dollars, is a piece of economy to which I refuse to subscribe. That 17 million should be put back into the appropriation for the hospitalizing of these men during the coming year.

The France bill appropriating \$29,533,000 for

new hospitals is now on the calendar of the Senate. The Surgeon General of the Public Health Service, as I have said before, states that 10,000 beds are urgently needed and estimates that they can be provided at an average cost of \$3,000 a bed. Reports from all sources indicate that the present system under which the disabled men are turned over to private and state and county institutions for care under contract is most unsatisfying. The Government should build hospitals and should build them at once, as these men are knocking at the Government's door every day for treatment. We should pass the France bill, and pass it with all the speed possible.

Of course, we have all heard about the bill which the Legion calls the Adjusted Compensation bill, and which is more generally known as the Bonus bill. It was passed last summer by the House and hearings have been held on it recently in the Senate Finance Committee. This bill, as you doubtless know, provides that any veteran may have the optional choice of a cash bonus, land settlement, farm and home aid, vocational training, or Government insurance certificate.

I am one of those who believe that an adjustment of compensation should be made at once to the men and women whose economical fortunes were seriously embarrassed by their war service. I think we should remove the penalty these men and women paid because of their generous service to the Nation. I hope to see this Adjusted Compensation bill passed by this Congress without delay.

Most persons have perhaps heard far less of the other four things which the ex-service men and women of the country are asking than they have of the Adjusted Compensation bill. Of these, veterans are asking first that the Senate pass the Wason bill, which was passed by the House at the last session and is now pending in the Senate Finance Committee. This bill provides for 14 regional branches of the Bureau of War Risk Insurance and as many suboffices as necessary, and also to make it possible for ex-service men and women to pay their Government insurance premiums at any postoffice. It relieves from the payment of premiums on Government insurance all disabled men in hospitals, all disabled men taking vocational training, and all disabled men temporarily unable to follow any gainful occupation. It extends the time in which ex-service men may apply for hospital treatment from one year after discharge to one year after the passage of this act.

The second thing that veterans are asking for is the bill, for which I am the sponsor in the Senate, introduced in the House by Representative John Jacob Rogers, of Massachusetts, and upon which hearings have been held by the House Committee on Interstate and Foreign Commerce, and which is designed to consolidate the three agencies of the Government dealing with the disabled ex-service men. I do not doubt that all members of the Senate have had practical experience with these bureaus in handling claims of disabled ex-service men of their states, which makes it unnecessary for me to go into any great detail as to the reasons why some such legislation of this kind is necessary.

The third thing of interest to soldiers is another piece of legislation, the France bill, of which I have already spoken, and which forms a part of the Legion program. It is legislation providing for the construction of new Government hospitals for the treatment of disabled. Bills looking to this end are on the calendars of both the House and Senate.

A fourth matter of interest to veterans is the Stevenson bill that establishes the same provision of retirement for disabled officers of the emergency forces as is now enjoyed by officers of the regular Army, a provision already accorded by Congress to the emergency officers of the Navy. These disabled emergency officers went to the battle front and suffered the same hardships and dangers as did the officers of the regular Army. It is preposterous that now it is all over we should discriminate and say to one group of officers: "You may retire on three-fourths pay for life, regardless of the percentage of your disability," and to another group of officers: "You may go back to civil life and get what you can from the Bureau of War Risk Insurance, anywhere from \$8 a month to \$100 a month, depending upon how badly bungled up you are."

The disabled ex-service men of the Great World War have a first mortgage on the affections and fortunes of the American people. Congress has no more sacred obligation than to provide for their rehabilitation. There can be no possible excuse for a country as great and wealthy as ours to permit the men whose bodies and minds were shattered carrying the American flag to victory against an enemy which threatened the safety and honor of our Government to become the wards of charity or become victims of neglect, mistreatment, red-tape and destitution.

Arthur Capper.
Washington, D. C.

State Farm Bureau Items

Contributed by County Agents

DONIPHAN County Farm Bureau at its annual meeting held at Troy recently elected the following officers: E. E. Hoverson of Moray, president; H. A. Moskau of Wathena, vice president, and C. Culp, of Troy, secretary-treasurer. The township officers were not elected at the meeting since it was thought best to postpone this until the membership drive was completed. The Doniphan County Farm Bureau membership drive, which was set for January 24, had to be discontinued on account of bad weather. The drive was finished the week of February 14.

Sale Pavilion for Pratt

A new sale pavilion just completed at Pratt was opened recently with a sale of purebred Duroc Jersey and Poland China hogs, according to V. S. Crippen, county agent. The pavilion is modern in all respects and is properly equipped with heat and light so that sales may be held either in the daytime or at night in the coldest of weather.

New Agent for Johnson

The new county agent selected for Johnson county is Chester E. Graves of Wellsville, recently instructor in botany and plant pathology at Kansas State Agricultural college. He is to take the place of Harry S. Wilson who resigned recently. Mr. Graves was born in Franklin county and has lived on a farm nearly all of his life. He worked his way thru college, receiving his degree at the end of the first semester of this year. It was while yet a student that he acted as instructor in the botany department. Mr. Graves was married just previous to taking up his duties as county agent.

Study Income Tax Records

E. L. Rhoades, farm management demonstrator, of Kansas State Agricultural college, spent three days in Pratt county recently with V. S. Crippen, county agent. They spent much of the time instructing farmers how to keep farm accounts and income tax records. They also gave instructions to the farmers on getting production costs. Meetings were held at Iuka, Byers, and Cairo.

Farmers to Keep Accounts

An effort will be made by R. O. Smith, Douglas county agent, to get farmers in his county to keep farm account books. He has offered to give the first 12 farmers, who call for them, such books free. Miss Gladys Norwine, secretary to Mr. Smith, has agreed to assist any farmer in starting his book and will assist him at any time after the account has been started.

Better Quarters for Reno Bureau

Reno County Farm Bureau is moving its offices to the basement of the Reno County Court House. The county commissioners have promised to separate a room from the rest of the basement and give the Farm Bureau an outside entrance to the building. The concrete floor will be covered and the Farm Bureau has empowered a committee to go ahead with the ordering of furniture for the room. The office

formerly was on the third floor. This was objectionable since it was necessary to climb two flights of stairs to get to the office and because there was not enough room. At a meeting held recently it was voted to hire a stenographer regularly so that Sam J. Smith, county agent, can be free to devote practically all of his time to active work and will not be required to close the office when he leaves. W. B. Ream of Grove Township, was appointed to aid Mr. Smith in editing news matter for a monthly publication to be issued by the Farm Bureau.

Weeks is Principal Speaker

The annual meeting of the Jefferson County Farm Bureau was held recently at Oskaloosa. Charles R. Weeks, secretary of Kansas State Farm Bureau, was on the program as the principal speaker. He gave an account of the accomplishment of the State Farm Bureau in Kansas during the past year. The following officers were elected for the coming year: J. F. True, president; John Herwood, vice president; and A. D. Perry, secretary-treasurer. H. A. Ploughe was elected delegate to Kansas State Farm Bureau. Joe M. Goodwin, county agent, gave a report of the work accomplished during the past year.

Washington County Employs Hepler

The new Washington county agent, J. V. Hepler is on the job and is already doing some worth-while work. He recently met the farmers of the Bell community, at the farm of F. E. Ertel, to outline a program of work for that community during the coming year. One of the projects will be that of eliminating the unprofitable cows from the herds in that community. This project is intended to help farmers who do not have enough cows to afford to belong to a cow testing association. The second project was the organization of a pig club for the boys of the community. The third project was the treating of oats for smut before seeding time, so that at sowing time the oats will be ready to put into the ground.

Trees for Western Kansas

An effort to get more trees planted in Western Kansas is being made by Harry L. Kent, superintendent of the Fort Hays Experiment station. Mr. Kent says the Red cedar is the best evergreen for Western Kansas. He recommends Chinese arbor vitae for either hedges or wind breaks, but says it is likely to be killed by the occasional cold, dry winds of March, and so is not quite so dependable as the Red cedar. The best pines for Western Kansas, he says, are the Scotch and Austrian. "Tamarix," says Mr. Kent, "is the best hedge plant. It is hardy, starts easily, and withstands the dry seasons well. It can be pruned or trimmed to almost any shape one may desire. The best broadleaved trees are the hackberry, elm, Norway pop-

lar, coffee tree, and last the honey locust and Russian mulberry. The Russian olive, while it does not grow large enough to make an exceptional shade tree, is hardy and because of its silver-gray foliage makes a very good wind-break.

More Small Fruits Needed

The growing of blackberries, raspberries, strawberries, and other small fruit, is being urged by E. J. Macy, Sedgwick county agent. At the present time, Mr. Macy says, there is a great shortage of this crop in the county. Wichita, he says, affords a good market, and all kinds of berries can be grown profitably. Prices have been good, he says, due to the fact that the crop never has been sufficient to meet the needs of the buyers, who will pay as much for fruit delivered by the farmers as for fruit shipped there after the transportation and handling charges are paid.

Oppose Lambertson Resolution

At the annual meeting of the Labette County Farm Bureau, held recently at Oswego, the following officers were elected: R. B. Williams, of Oswego, president; George Dennison, of Altamont, vice president, and H. L. Von Trebra, of Oswego, secretary-treasurer, and also as delegate to the state board of agriculture. George Gray, of Altamont, was elected delegate to the State Farm Bureau. George Dennison and C. S. Perkins were elected as the project committee for Labette county. Mr. Perkins is a member of the executive board of Kansas State Farm Bureau. The project committee will send out to the members cards asking what subjects the members wish taken up during the coming year. A resolution was adopted at the meeting condemning the Lambertson resolution to stop all road building for two years.

More Sweet Clover for Sedgwick

More Sweet clover for Sedgwick county is being urged by E. J. Macy, county agent. Mr. Macy states that the best results are obtained by farmers who sow the seed on the top of the ground. From 8 to 15 pounds of seed should be sown to the acre, and all seed should be sown before April 1, according to Mr. Macy. "As a pasture crop," says Mr. Macy, "Sweet clover is considered one of the best in the state. It will support from one head to three head of livestock thruout the summer season. Thousands of dollars of money in increased agricultural yield will result if one-fifth of the farm land were planted to Sweet clover.

Harvey Solicits Women Members

Harvey county has found the right way to get a home demonstration agent. They will not put on an extra membership campaign to get their home demonstration agent, but will solicit women members, at \$1 a member at the same time they make their

County Farm Bureau membership campaign. This was decided upon at the annual meeting held recently. In connection with the annual meeting a dinner was served to more than 200 persons. P. W. Enns, treasurer of Kansas State Farm Bureau, who has been president of the Harvey County Farm Bureau the past year, refused to be considered for president during the coming year, saying his duties with the State Bureau made it impossible for him to give as much time as he should to the County Farm Bureau. J. A. Schowalter of Newton was elected president to succeed Mr. Enns. Other officers elected were the following: Will Stewart of Sedgwick, vice president; Sam Langenwelter, Halstead, secretary; and John C. Nicholson, Newton, treasurer. Homer Smith of Heston, was elected as delegate to the state board of agriculture meeting, and Sam Regier of Alta, delegate to Kansas State Farm Bureau.

Butler Bureau Has 400 Members

The Butler County Farm Bureau was completed at a meeting of more than 200 farmers and livestock men, held recently at Eldorado. Clarence King was elected president; John H. Clawson, vice president, and Donald Joseph, secretary-treasurer. In addition to these officers, S. E. Dickerson, Bert Pegg, Everett Parisho, Henry B. Clawson, George Pickrell, Bob Templeton, and James Knox, were elected as an executive board. It was announced at the meeting that more than 400 members had been obtained for the Farm Bureau.

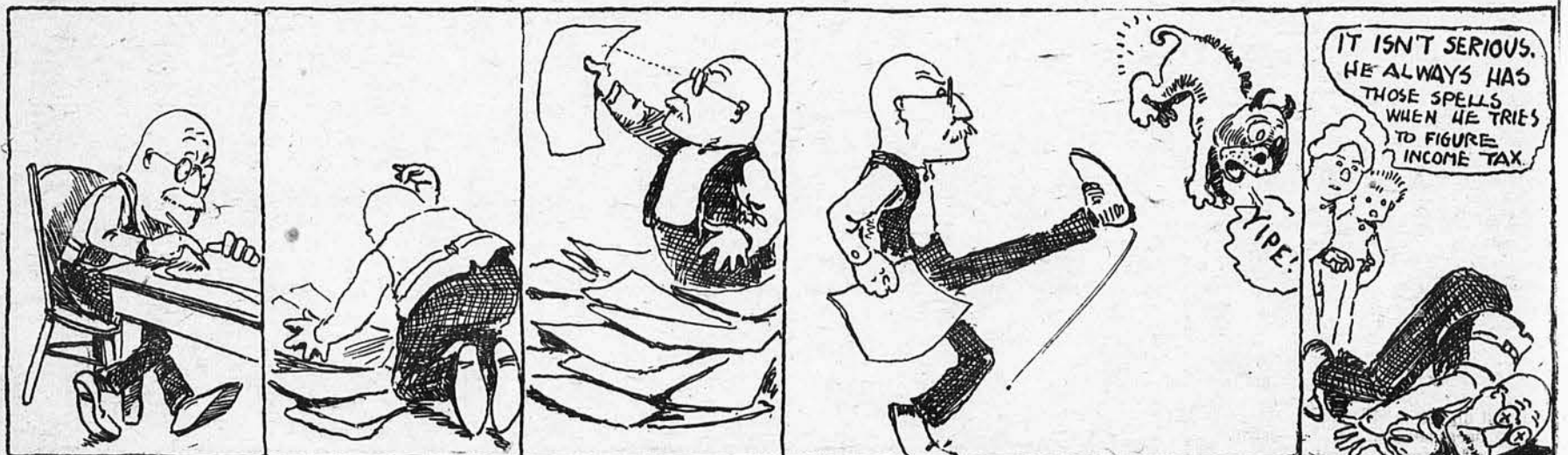
Howard to Study Food Problems

President J. R. Howard of the American Farm Bureau Federation has accepted appointment as a member of the board of directors of a research institute of food investigators, which is being created thru the co-operative arrangement between Leland Stanford University of California and Carnegie Foundation of New York. The job in founding the food institute will be to make possible expert study of food problems as they touch both the farmer and the consumer. A systematic study will be made of the distribution of food, of manufacturing processes and of nutrition. The board of directors will determine the general direction of such studies and investigations. Inasmuch as the job of the food institute is primarily to improve marketing conditions, it was desired that the board of control should embrace strong farmer representation. Herbert Hoover is one of the prime movers in the founding of the institute.

Holsteins Make Good Record

The Holstein herd of John Swanwick made the highest milk record and the second highest butterfat record of any herd in the Oswego Cow Testing association in January. Mr. Swanwick's herd averaged 1,078.6 pounds of milk, and 36.7 pounds of butterfat, for the month. The record cow in the association was owned by Mr. Swanwick. This cow produced 1,451 pounds of milk and 63.8 pounds of butterfat. The Windmoor Ranch herd of Holsteins was second and the Williams' herd of Jerseys third in production for the month.

THE HOOVERS—Hi Isn't the Only One It Seems Who Goes "Cuckoo" Over That Problem



Modern Farming in Kansas

THE RATE of planting of sorghums in rows is of more importance from a grain than from a forage standpoint. Most of the sorghum varieties stool, or tiller, freely. When soil moisture is abundant and the stand is thin, every plant produces a large number of tillers, while if moisture is deficient the plant tillers less. This habit tends to equalize the differences in the stand.

A large number of carefully conducted tests at agricultural experiment stations in the Great Plains have indicated that a slightly larger forage yield is obtained from fields where the distance between plants in the row is only 2 to 4 inches than from fields where the spaces between plants are greater. If every seed placed in the soil grew, 1 pound of seed of the Sumac variety or 1½ pounds of Amber sorghum to the acre would be sufficient to provide one plant for every 4 inches in rows 40 inches apart, but it has been found by experience that it is necessary for farmers to sow at least 3 to 4 pounds of seed to insure such a stand. In the drier parts of the sorghum region it is rarely, if ever, desirable to seed more than 4 pounds to the acre, and many farmers prefer less. Farther east, where the rainfall is between 35 and 40 inches, it has been found preferable when growing the crop for fodder or silage to sow as much as 8 to 12 pounds an acre.

The average yield an acre of air-dry Red Amber fodder during a period of five years at Hays, Kan., when the plants were 2 inches apart in the rows, was 3.15 tons; 4 inches, 2.77 tons; 6 inches, 2.79 tons; 8 inches, 2.61 tons; 12 inches, 2.54 tons. A large proportion of farmers usually plan to get the sorghums planted for forage spaced about 4 inches apart, and the grain sorghums about 8 inches.

For More Good Silos

With the readjustment which is coming in agriculture, it is evident that more attention will be given to diversified farming, and especially to crop rotations. With this increase in better methods of crop growing, and the natural expansion in the amount of rough feeds which are produced on the farm, more livestock will be produced. Quite naturally this means more silos if these farm animals are to be fed in the most efficient manner.

A silo offers a mighty good way of making a valuable feed of what might otherwise be waste. Kansas ought to rapidly increase the number of silos until we have twice as many in five years as are available now. It will be a mighty fine thing for the agriculture of this state if this increase is brought about.

Consolidation Growing

It is interesting to watch the development of the consolidated school idea in Kansas. Consolidation seems to be catching hold strongly in many communities, and this speaks well for the future of rural education.

In Ford county, adjoining on the east Gray county where consolidation is being tried successfully, there is a strong movement in favor of consolidating the rural schools in an effort to give greater educational advantages to country boys and girls. The same is true around Pratt. The Holcomb school in Finney county is already established and functioning.

Consolidation in Kansas has gotten beyond the experimental stage. Where it has been tried it is giving much satisfaction. The most progressive communities are giving it their support. Colorado, which has had consolidation for many years, recommends it highly, and the probabilities are that this centralized system of education will be long dominant in Kansas.

Roughage Was Not Harvested

The abundant feed of 1920 may not be so abundant by the end of 1921. It is impossible today to forecast what the present year will bring in the way of forage and grain crops. The yield of forage may be small.

It is reported that in some sections of Southwestern Kansas entire fields of cane and kafir have been allowed to stand and no effort put forth to harvest the crop because feed was so plentiful. This is unfortunate. Such feed could

have been removed from the fields and stored in stacks or silos. It might be valuable next winter, when it is likely that conditions will have so adjusted themselves that farmers will be in a position to obtain more livestock to consume it.

Waste, even in time of abundance, is not profitable.

The Care of Leather

The United States Department of Agriculture, Washington, D. C., has just issued Farmers' Bulletin No. 1,183, The Care of Leather, which has special application to farm needs; every Kansas farmer should have a copy. It may be obtained free on application to the department.

Men Who Wear Grins

Farmers continually visit the office of J. C. Mohler, secretary of the state board of agriculture. They come sin-

gly and in groups. With the legislature in session their visits have been more frequent. And Secretary Mohler, observing them, has noticed that there are certain farmers who are more optimistic, who seem fairly well content and who smile and answer a greeting with: "Everything's all right." Those farmers who smile, Secretary Mohler says, in almost every case are men who have dairy cattle. The dairy cow has not gone thru the process of readjustment. The farmer who has cows has been receiving a steady and definite income. His soil has been enriched and he has gotten away from straight grain farming to raise forage for the cattle. He is the fellow who has been least affected by readjustment.

One of the largest sources of revenue of Kansas farmers, with the exception of dairy products, is from poultry and egg production, yet the average farmer does not realize this and gives the matter very little attention. It is time now to get the fowls off the trees and into comfortable winter quarters.

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nourishing qualities and pleas-
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20-55

THE VOICE OF THE PACK

A Story of the Western Forests

BY EDISON MARSHALL

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THREATENED with serious lung trouble, Dan Failing goes to Southern Oregon to recuperate in the region where his grandfather formerly lived. He arranged to spend the summer on the mountain ranch of Silas Lennox, an old friend of his grandfather's. Soon after his arrival he meets Snowbird, the rancher's daughter. Later Dan and Lennox have an interesting time in target practice in the forest surrounding the mountain ranch. The shots thru the quiet woods startled the wild creatures here and there. Among these was Graycoat, the coyote. Already maddened by an attack of hydrophobia and alarmed by the shots, Graycoat rushed wildly toward the hunters. Lennox was unarmed and as Dan's marksmanship was an unknown quantity the situation soon became serious. Dan took aim with his rifle, but it seemed to Lennox as if he never would press the trigger. "Shoot!" he screamed. Graycoat was advancing rapidly and was now not more than 50 feet away. Still there was no movement made by Dan. "Shoot!" screamed Lennox again.

Dan probably did not hear the shout, but at that instant his finger pressed the trigger and the next moment Graycoat fell dead not 20 feet from where Dan stood. When Lennox rejoined him, Dan explained that he had not dared to shoot sooner because he had only one cartridge left in his gun. The next two months brought many interesting experiences to Dan. He fished for lake trout in the lakes of the plateau; he shot waterfowl in the tule marshes; he hunted all manner of living things with his camera. But most of all he simply studied, as his frontiersman ancestors had done before him. Late one evening a peculiar sound came thru the wilderness from some faraway ridge. "It's the wolf pack," said Lennox, and in an instant Dan's imagination was aflame.

Bert Cranston, head of the arson ring that operated on the Umpqua Divide, at the same moment stood waiting on one of the mountain trails with rifle in hand ready for another kind of game. He was waiting to kill Landy Hildreth and thus destroy all chances of the prosecuting attorney in the valley below learning certain names that he especially wished to get. No wolf in the pack that ran the ridges knew a wilder or more terrible blood lust than Cranston. Presently he caught sight of Hildreth and fired, but the shot went wide of the mark. In another moment both men fired. Cranston's marksmanship this time was better and Hildreth fell dangerously wounded. Cranston did not stop to see whether he had made a clean kill but hastened to leave the scene of his crime. Whisperfoot, the mountain cat on the trail of a deer, Wolf the bear, Blacktail, and other wild creatures of the forest heard and recognized the rifle shots as danger signals. Blacktail left the lick in one bound. Whisperfoot, altho terrified by the rifle report made a frantic leap at the prey he had been stalking.

TERRIFIED tho he was by the rifle shot, still Whisperfoot sprang. But the distance was too far. His outstretched paw hummed down four feet behind Blacktail's flank. Then forgetting everything but his anger and disappointment, the great cougar opened his mouth and howled.

Howling, the forest people know, never helped one living thing. Of course this means such howls as Whisperfoot uttered now, not that deliberate long singsong by which certain of the beasts of prey will sometimes throw a herd of game into a panic and cause them to run into an ambush. All Whisperfoot's howl of anger achieved was to frighten all the deer out of his territory and render it extremely unlikely that he would have another chance at them that night. Even Dan and Lennox, too far distant to hear the shots, heard the howl very plainly, and both of them rejoiced that he had missed.

The long night was almost done when Whisperfoot even got sight of further game. Once a flock of grouse exploded with a roar of wings from a thicket; but they had been awakened by the first whisper of dawn in the wind, and he really had no chance at them. Soon after this, the moon set.

The larger creatures of the forest are almost as helpless in absolute darkness as human beings. It is very well to talk of seeing in the dark, but from the nature of things, even vertical pupils may only respond to light. No owl or bat can see in absolute darkness. Altho the stars still burned, and possibly a fine filament of light had spread out from the East, the descending moon left the forest much too dark for Whisperfoot to hunt with any advantage. It became increasingly likely that he would have to retire to his lair without any meal whatever.

But still he remained, hoping against hope. After a futile fifteen minutes of watching a trail, he heard a doe feeding on a hillside. Its footfall was not so heavy as the sturdy tramp of a buck, and besides, the bucks would be higher on the ridges this time of morning. He began a cautious advance toward it.

For the first fifty yards the hunt was in his favor. He came up wind, and the brush made a perfect cover. But the doe unfortunately was standing a full twenty yards farther, in an open glade. For a long moment the tawny creature stood motionless, hoping that the prey would wander toward him. But even in this darkness, he could tell that she was making a half-circle that would miss him by forty yards, a course that would eventually take her down wind in almost the direction that Whisperfoot had come.

Under ordinary circumstances, Whisperfoot would not have made an attack. A cougar can run swiftly, but a deer

is light itself. The big cat would have preferred to linger, a motionless thing in the thickets, hoping some other member of the deer herd to which the doe must have belonged would come into his ambush. But the hunt was late, and Whisperfoot was very, very angry. Too many times this night he had missed his kill. Besides, the herd was certainly somewhere down wind, and for certain very important reasons a cougar might as well hunt elephants as try to stalk down wind. The breeze carries his scent more surely than a servant carries a visiting card. In desperation, he leaped from the thicket and charged the deer.

Despite the preponderant odds against him, the charge was almost a success. He went fully half the distance between them before the deer perceived him. Then she leaped. There seemed to be no interlude of time between the instant that she beheld the dim, tawny figure in the air and that in which her long legs pushed out in a spring. But she didn't leap straight ahead. She knew enough of the cougars to know that the great cat would certainly aim for her head and neck in the same way that a duck-hunter leads a fast-flying duck—hoping to intercept her leap. Even as her feet left the ground she seemed to whirl in the air, and the deadly talons whipped down in vain. Then, cutting back in front, she raced down wind.

Dignity Suffered

It usually is the most unmitigated folly for a cougar to chase a deer against which he has missed his stroke; and it is also quite fatal to his dignity. And whoever doubts for a minute that the larger creatures have no dignity, and that it is not very dear to them, simply knows nothing about the ways of animals. They cling to it to the death. And nothing is quite so amusing to old Wolf, the bear—who, after all, has the best sense of humor in the forest—as the sight of a tawny, majestic mountain lion, rabid and foaming at the mouth, in an effort to chase a deer that he can't possibly catch. But tonight it was too dark for Wolf to see. Besides, out disappointment after another had crumbled, as the rains crumble leaves, the last vestige of Whisperfoot's self-control. Snarling in fury he bounded after the doe.

She was lost to sight at once in the darkness, but for fully thirty yards he raced in her pursuit. And it is true that deep down in his own well of instincts—those mysterious waters that the events of life can hardly trouble—he really didn't expect to overtake her. If he had stopped to think, it would have been one of the really great surprises of his life to hear the sudden, unmistakable stir and movement of a large, living creature not fifteen feet distant in the thicket.

He didn't stop to think at all. He didn't puzzle on the extreme unlikelihood of a doe halting in her flight from a cougar. It is doubtful whether, in the thickets, he had any perceptions of the creature other than its movements. He was running down wind, so it is certain that he didn't smell it. If he saw it at all, it was just as a shadow, sufficiently large to be that of a deer. It was moving, crawling as Woof sometimes crawled, seemingly to get out of his path. And Whisperfoot leaped straight at it.

It was a perfect shot. He landed high on its shoulders. His head lashed down, and the white teeth closed. All the long life of his race he had known that pungent essence that flowed forth. His senses perceived it, a message shot along his nerves to his brain. And then he opened his mouth in a high, far-carrying squeal of utter, abject terror.

He sprang a full fifteen feet back into the thickets; then crouched. The hair stood still at his shoulders, his claws were bared; he was prepared to fight to the death. He didn't understand. He only knew the worst single terror of his life. It was not a doe that he had attacked in the darkness. It was not Urson, the porcupine, or even Woof. It was that imperial master of all things, man himself. Unknowing, he had attacked Landy Hildreth, lying wounded from Cranston's bullet beside the trail. Word of the arson ring would never reach the settlements, after all.

And as for Whisperfoot,—the terror that choked his heart with blood began to wear off in a little while. The man lay so still in the thickets. Besides, there was a strange, wild smell in the air. Whisperfoot's stroke had gone home so true there had not even been a fight. The darkness began to lift around him, and a strange exultation, a rapture unknown before in all his hunting, began to creep into his wild blood. Then, as a shadow steals, he went creeping back to his dead.

Poor Trails

Dan Failing had been studying nature on the high ridges; and he went home by a back trail that led to old Bald Mountain. Many a man of longer residence in the mountains wouldn't have cared to strike off thru the thickets with no guide except his own sense of direction. The ridges are too many, and they look too much alike. It is easy to walk in a great circle—because one leg tires before the other—with no hope whatever of anything except the spirit ever rising above the barrier of the pines. But Dan always knew exactly where he was. It was part of his inheritance from his frontiersmen ancestors, and it freed his wings in the hills.

The trail was just a narrow serpent in the brush; and it had not been made by gangs of laborers, working with shovels and picks. Possibly half a dozen white men, in all, had ever walked along it. It was just the path of the wild creatures, worn down by hoof and paw and cushion since the young days of the world.

It was covered, like a sheep lane, with little slit triangles in the yellow dirt. Some of them were hardly larger than the print of a man's thumb, and they went all the way up to a great imprint that Dan could scarcely cover with his open hand. All manner of deer, from seasonal fawns with spotted coats and wide, startled eyes to the great bull elk, monarch of the forest, had passed that way before him. Once he found the traces of an old kill, where a cougar had dined and from which the buzzards had but newly departed. And once he saw where Woof had left his challenge in the bark of a great pine.

This is a very common thing for Woof to do—to go about leaving challenges as if he were the most warlike creature in the world. In reality, he never fights until he is driven to it, and then his big, furry arms turn out to be steel compressors of the first order; he is patient and good-natured and ordinarily all he wants to do is sleep in the leaves and grunt and soliloquize and hunt berries. But woe to the man or beast who meets him in a rough-and-tumble fight. Unlike his great cousin, the Grizzly, that American Adamzad that not only walks like a man but kills cattle like a butcher, he almost never eats meat. No one ever pays any attention to his challenges either, and likely he never

thought any one would. They seemed to be the result of an inherited tendency with him, just as much as to grow drowsy in winter, or to scratch fleas from his furry hide.

He sees a tree that suits his fancy and immediately stands on his hind legs beside it. Then he scratches the bark, just as high up as he can reach. The idea seemed to be that if any other bear should journey along that way, should find that he couldn't reach as high, he would immediately quit the territory. But it doesn't work out in practice. Nine times out of ten there will be a dozen Woofs in the same neighborhood, no two of equal size, yet they hunt their berries and rob their bee trees in perfect peace. Perhaps the impulse still remains, a dim, remembered instinct, long after it has outlived its usefulness—just as man, ten thousand years after his arboreal existence, will often throw his arms into the air as if to seize a tree branch when he is badly frightened.

It was a roundabout trail home, but yet it had its advantages. It took him within two miles of Snowbird's lookout station, and at this hour of

day he had been particularly fortunate in finding her at a certain spring on the mountain side. It was a rather singular coincidence. Along about four he usually would find himself wandering up that way. Strangely enough, at the same time, it was true that she had an irresistible impulse to go down and sit in the green ferns beside the same spring. They always seemed to be surprised to see one another. In reality, either of them would have been considerably more surprised had the other failed to put in an appearance. And always they had long talks, as the afternoon drew to twilight.

"But I don't think you ought to wait so late before starting home," the girl would always say. "You're not a human hawk, and it is easier to get lost than you think."

And this solicitude, Dan rightly figured, was a good sign. There was only one objection to it. It resulted in an unmistakable inference that she considered him unable to take care of himself—and that was the last thing on earth that he wanted her to think. He understood her well enough to know that her standards were the

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Ordinarily we ignore such reports, because we have learned that any large company, no matter how fair and high principled, is subject at all times to unjust criticism. The facts are this Company has always recognized the importance of repair service and has used every effort to make IHC service the best. We believe we can truthfully say that the repair service furnished wherever this Company's goods are sold is equal if not superior to that furnished on any manufactured line.

We call attention to the fact that machinery "Fix-up Weeks," instead of being something new and originated by the farmers in 1921, as some seem to think, were really an outgrowth of the movement started by manufacturers and dealers' associations in connection with the Council of National Defense as a war conservation measure. Perhaps no other agency has done so much to promote "National Repair Weeks" as this Company.

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standards of the mountains, valuing strength and self-reliance above all things. He didn't stop to question why, every day, he trod so many weary miles to be with her.

She was as natural as a fawn; and many times she had quite taken away his breath. And once she did it literally. He didn't think that so long as death spared him he would ever be able to forget that experience. It was her birthday, and knowing of it in time he had arranged for the delivery of a certain package, dear to a girlish heart, at her father's house. In the trying hour he had come trudging over the hills with it, and few experiences in his life had ever yielded such unmitigated pleasure as the sight of her, glowing white and red, as she took off its wrapping paper. It was a jolly old gift, he recollected. And when she had seen it, she fairly leaped at him. Her warm, round arms around his neck, and the softest, loveliest lips in the world pressed his. But in those days he didn't have the strength that he had now. He felt he could endure the same experience again with no embarrassment whatever. His first impression then, besides astounding, incredible astonishment, was that she had quite knocked out his breath. But let it be said for him that he recovered with notable promptness. His own arms had gone up and closed around her—and the girl had wriggled free.

"But you mustn't do that!" she told him.

"But, good Lord, girl! You did it to me! Is there no justice in women?"

"But I did it to thank you for this lovely gift. For remembering me—for being so good—and considerate. You haven't any cause to thank me."

He had many very serious difficulties in thinking it out. And only one conclusion was obtainable—that Snowbird kissed as naturally as she did anything else, and the kiss meant exactly what she said it did and no more. But the fact remained that he would have walked a good many miles farther if he thought there was any possibility of a repeat.

But all at once his fantasies were suddenly and rudely dispelled by the intrusion of realities. Even a man in the depths of concentration cannot be inattentive to the wild sounds of the mountains. They have a commanding, a penetrating quality all their own. A mathematician cannot walk over a mountain trail pondering on the fourth dimension when some living creature is consistently cracking brush in the thickets beside him. Human nature is directly opposed to such a thing, and it is too much to expect of any man. He has too many race memories of saber-tooth tigers, springing from their lairs, and likely he has heard too many bear stories in his youth.

Dan had been walking silently himself in the pine needles. As Lennox had wondered at long ago, he knew how by instinct; and instinctively he practiced this attainment as soon as he got out into the wild. The creature was fully one hundred yards distant, yet Dan could hear him with entire plainness. And for a while he couldn't even guess what manner of thing it might be.

Enter Bert Cranston

A cougar that made so much noise would be immediately expelled from the union. A wolf pack, running by sight, might crack brush as freely; but a wolf pack would also bay to wake the dead. Of course it might be an elk or a steer, and still more likely, a bear. He stood still and listened. The sound grew nearer.

Soon it became evident that the creature was either walking with two legs, or else was a four-footed animal putting two feet down at the same instant. Dan had learned to wait. He stood perfectly still. And gradually he came to the conclusion that he was listening to the footfall of another man.

But it was rather hard to imagine what a man might be doing on this lonely hill. Of course it might be a deer hunter; but few were the valley sportsmen who had penetrated to this far land. The footfall was much too heavy for Snowbird. The steps were evidently on another trail that intersected his own trail one hundred yards farther up the hill. He had only to stand still, and in an instant the man would come in sight.

He took one step into the thickets, prepared to conceal himself if it be-

came necessary. Then he waited. Soon the man stepped out on the trail.

Even at the distance of one hundred yards, Dan had no difficulty whatever in recognizing him. He could not mistake this tall, dark form; the soiled, slouchy clothes, the rough hair, the intent, dark features. It was a man about his own age, his own height, but weighing fully twenty pounds more, and the dark narrow eyes could belong to no one but Bert Cranston. He carried his rifle loosely in his arms.

He stopped at the forks in the trail and looked carefully in all directions. Dan had every reason to think that Cranston would see him at first glance. Only one clump of thicket sheltered him. But because Dan had learned the lesson of standing still, because his olive-drab sporting clothes blended softly with the colored leaves, Cranston did not detect him. He turned and strode on down the trail.

He didn't move quite like a man with innocent purposes. There was something stealthy, something sinister in his stride, and the way he kept such a sharp lookout in all directions. Yet he never glanced to the trail for deer tracks, as he would have done had he been hunting. Without even waiting to meditate on the matter, Dan started to shadow him.

Before one hundred yards had been traversed, he could better understand the joy the cougar takes in his hunting. It was the same process—a cautious, silent advance in the trail of prey. He had to walk with the same caution, he had to take advantage of the thickets. He began to feel a curious excitement.

Cranston seemed to be moving more carefully now, examining the brush along the trail. Now and then he glanced up at the tree tops. And all at once he stopped and knelt in the dry shrubbery.

To Start a Fire

At first all that Dan could see was the glitter of a knife blade. Cranston seemed to be whittling a piece of dead pine into fine shavings. Now he was gathering pine needles and small twigs, making a little pile of them. And then, just as Cranston drew his match, Dan saw his purpose.

Cranston was at his old trade—setting a forest fire.

For two very good reasons, Dan didn't call to Cranston at once. The two reasons were that Cranston had a rifle and that Dan was unarmed. It might be extremely likely that Cranston would choose the most plausible and effective means of preventing an interruption of his crime, and by the same token, prevent word of the crime ever reaching the authorities. The rifle contained five cartridges, and only one was needed.

But the idea of backing out, unseen, never even occurred to Dan. The fire would have a tremendous headway before he could summon help. Altho it was near the lookout station, every condition pointed to a disastrous fire. The brush was dry as tinder, not so heavy as to choke the wind, but yet tall enough to carry the flame into the tree tops. The stiff breeze up the ridge would certainly carry the flame for miles thru the parched Divide before help could come. In the meantime stock and lives and homes would be endangered, besides the irreparable loss of timber. There were many things that Dan might do, but giving up was not one of them.

After all, he did the wisest thing of all. He simply came out in plain sight and unconcernedly walked down the trail toward Cranston. At the same instant, the latter struck his match.

As Dan was no longer stalking, Cranston immediately heard his step. He whirled, recognized Dan, and for one long instant in which the world seemed to have time in plenty to make a complete revolution, he stood perfectly motionless. The match flared in his dark fingers, his eyes—full of singular conjecturing—rested on Dan's face. No instant of the latter's life had ever been fraught with greater peril. He understood perfectly what was going on in Cranston's mind. The fire-fiend was calmly deciding whether to shoot or whether to bluff it out. One required no more moral courage than the other. It really didn't make a great deal of difference to Cranston.

He had been born in the hills, and his spirit was the spirit of the wolf—

to kill when necessary, without mercy or remorse. Besides, Dan represented, in his mind, all that Cranston hated—the law, gentleness, the great civilized world that spread below. But despite it, he decided that the killing was not worth the cartridge. The other course was too easy. He did not even dream that Dan had been shadowing him and had seen his intention. He would have laughed at the idea that a "tenderfoot" could thus walk behind him, unheard. Without concern, he scattered with his foot the little heap of kindling, and slipping his pipe into his mouth, he touched the flaring match to it. It was a wholly admirable little piece of acting, and would have deceived any one who had not seen his previous preparations. The fact that the pipe was empty mattered not one way or another. Then he walked on down the trail toward Dan.

Dan stopped and lighted his own pipe. It was a curious little truce. And then he leaned back against the great, gray trunk of a fallen tree.

"Well, Cranston," he said civilly. The men had met on previous occasions, and always there had been the same invisible war between them.

"How do you do, Failing?" Cranston replied. No perceptions could be so blunt as to miss the premeditated insult in the tone. He didn't speak in his own tongue at all, the short, guttural "Howdy" that is the greeting of the mountain men. He pronounced all the words with an exaggerated precision, an unmistakable mockery of Dan's own tone. In his accent he threw a tone of sickly sweetness, and his inference was all too plain. He was simply calling Failing a milksop and a white-liver; just as plainly as if he had used the words.

The eyes of the two men met. Cranston's lips were slightly curled in an unmistakable leer. Dan's were very straight. And in one thing at least, their eyes looked just the same. The pupils of both pairs had contracted to steel points, bright in the dark gray of the irises. Cranston's looked somewhat red; and Dan's were only hard and bright.

Dan felt himself straighten; and the color mounted somewhat higher in his brown cheeks. But he did not try to avenge the insult—yet, Cranston was still fifteen feet distant, and that was too far. A man may swing a rifle within fifteen feet. The fact that they were in no way physical equals did not even occur to him. When the insult is great enough, such considerations cannot possibly matter. Cranston was hard as steel, one hundred and seventy pounds in weight. Dan did not touch one hundred and fifty, and a deadly disease had not yet entirely relinquished its hold upon him.

(TO BE CONTINUED)

Income Tax Primer

The following statement has been issued by the Collector of Internal Revenue, W. H. L. Pepperell: "Copies of the Income Tax Primer, recently issued by the Bureau of Internal Revenue, which contains questions and answers relative to the filing of income tax returns, are yet available at the office of the Collector of Internal Revenue at Wichita, Kan. Copies may be obtained only thru the Internal Revenue Collector's office and are not being mailed from Washington."

Real Community Organization

An excellent book on Community Organization has just been published by The Macmillan Company, 66 Fifth Ave., New York, N. Y. It is of real value for every person interested in building up a better community spirit, and especially a community center. It was written by Joseph K. Hart, professor of education in Reed College, and consists of 230 pages; the price is \$2.50.

A Real Farm Almanac

The United States Department of Agriculture, Washington, D. C., has just issued an Agricultural Almanac for 1921, as Farmers' Bulletin No. 1202. It will be sent free on application. In this booklet of 64 pages the department has placed some very valuable information; there should be a copy on every farm in the Middle West.

Kansas needs a larger acreage of the legumes.

The National Tractor Show

Many See the Big Exhibits at Columbus

BY FRANK A. MECKEL

THE SIXTH Annual National Tractor Show which was held at Columbus, Ohio, during the week beginning February 7, was by far the largest and most elaborate tractor exposition ever held in the country. The exhibits numbered nearly 400 and took in everything from large tractors to the smallest kind of ball bearings manufactured. A large assortment of tractor accessories was shown embracing air cleaners, magnetos, governors, pistons, piston rings, spring seats, carburetors, transmissions, wheels and treads, and entire assembled motors.

To say that there was any one outstanding exhibit at this year's show would be inviting practically a controversy with any one who attended, for every exhibit showed the result of a great deal of careful planning and considerable hard work in preparation.

The Bates Tractor Company ran true to form with its exhibit this year and had a very artistic display of a Bates Steel Mule having a snow plow attached and clearing away what appeared to be real snow. The background showed a modern farm all covered with a blanket of snow and by means of some lighting effect on the curtain on which the background was painted snow appeared to be continually falling. This was a most beautiful display and received much praise and comment from all who saw it.

Education Was the Watchword

The watchword of all exhibitors this year was education. The displays were planned in such a way that the intricate workings of the various machines could be seen and studied and very little explanation was necessary. A greater number than ever before showed cut-out motors and even sectional tractors. Perhaps the most striking example of a beautiful cut-out display was shown by the J. I. Case Threshing Machine Company. This was a display of a Case tractor with everything shown in section and mounted on a revolving pedestal with all parts working very slowly. The Aultman-Taylor Company and The Advance Rumely Company showed beautiful sectional motors used in Aultman-Taylor and Oil-Pull tractors. A number of other companies showed tractors in section or with glass plates in the crank case which enabled one to see just what goes on inside the tractor engine. Displays of this sort needed very little explanation and farmers were able to see things for themselves and take home a good idea of just how every tractor was built.

A number of new tractors and other things were shown this year. The J. I. Case Threshing Machine Company showed the 40-72 tractor which is absolutely new and which looks like a winner in the big machine class. The general design of the big tractor is the same as that of the smaller Case machines, with the four cylinder upright motor mounted across the frame.

The Hart-Parr folks showed their new small tractor which looks like a miniature Hart-Parr 30. There is absolutely no difference in design or appearance, the only difference being in size and horsepower.

New Motor Truck Types

The J. I. Case Plow Works is out with a new motor truck which embodies all the sturdiness of the famous Wallis tractor. The motor has the same frame mounting as is found in the tractor and a belt power take-off is provided in front of the truck on the driver's side. The body is convertible and the entire job presents a sturdiness which is characteristic of the company's line. The Wallis people also showed a very beautiful gold medal won by the Wallis tractor in England recently and presented by the Royal Agricultural Society of England.

The Moline Plow Company showed the new Moline orchard tractor as well as the Moline motor truck which is a recent addition to the line. The Moline display showed the manner in which the tractor is adapted to all tillage, cultivating, and harvesting implements.

Two French tractors were shown this year for the first time. The Renault tank type tractor which made

such a splendid record during the war was shown with armor removed and converted into a peace time agricultural machine. It reminded one of the well known phrase of the sword beating into the plowshare. The other French machine was something new in the way of a tillage implement. It was a tractor mounting a cylinder at the rear on which were mounted a number of teeth having a penetration of 9 inches into the soil and having a tearing action designated to prepare a seed bed at one operation. It is said that this machine has proved very successful in France.

Not to be outdone by the French the McVicker Engineering Company of Minneapolis showed what they called a "Once-Over" Tiller. This machine had two regular mold board plows with a rotary harrow mounted at the end of the mold board and turned by a

motor driven shaft. The principle of this machine is that as the soil is turned over and thrown off the mold board it is thoroughly pulverized by the rotary harrow and a perfect seed-bed is prepared at one operation. The machine has been tried out in Minnesota and it is said to be very successful. The company manufacturing it hopes to be in condition to produce tractors in quantity this summer.

Another new machine shown this year was the Bryan Light Steam Tractor. This tractor mounts a high pressure boiler and compound steam engine and appears to be a very satisfactory machine.

The Rock Island Plow Company showed the new Heider Cultivating Plow and the Holt and Cleveland Companies showed the new adaptations of their machines for snow cleaning purposes which were designed for the street cleaning department of New York City. The Holt Company also showed the big 10-T on logging tractor which was something new to persons in the East.

The Best Tractor Company brought a beautiful display of Tracklayers

(Continued on Page 20.)

Haying Time Cut in Half

Save time, labor and money by putting up this year's hay crop easily and quickly with

The Jayhawk

Stacker and Sweep Rakes

"Two boys and myself can put up more hay with the Jayhawk Stacker than 40 Mexicans," says A. Barter, Mercedes, Texas.

Light—easy to operate—a boy can run it. No ropes or pulleys—entirely automatic. Wood or steel. Elevates full load of sweep rake 20 to 25 feet and puts it exactly where wanted. Saves hay, teams and days. Prevents loss of crop after cutting.

Direct From Maker To You!

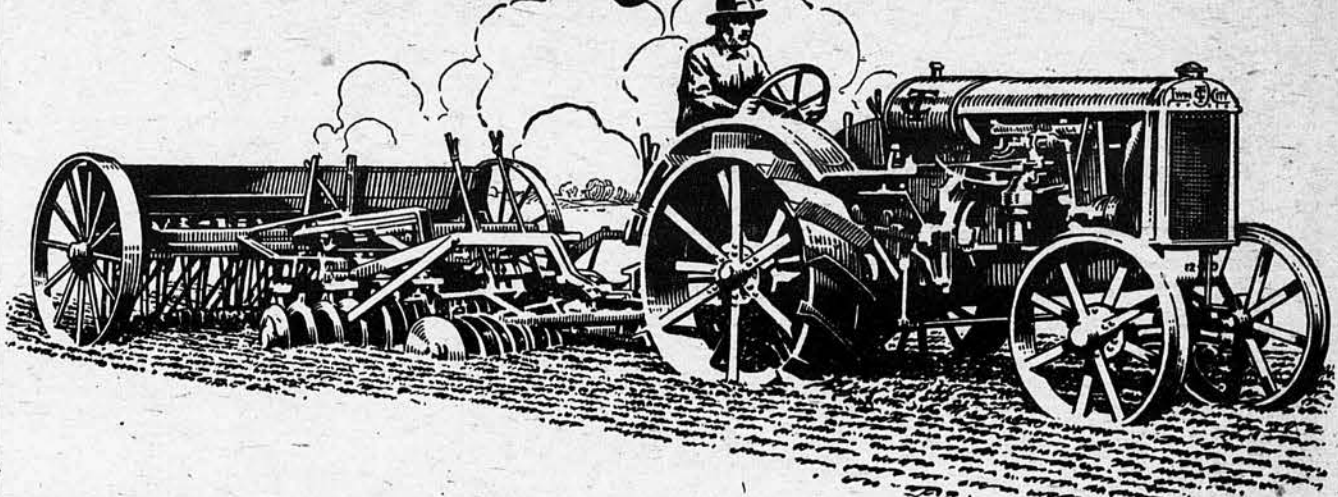
No middlemen's profits. Write for catalogue and prices TODAY.



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Have you noticed how many of your neighbors are now reading Kansas Farmer and Mail and Breeze?

Cut Your Farming Costs With Power



YOUR PROFITS for 1921 will depend on how much you reduce your operating costs. Power farming means more acreage and better crops at *less cost per acre and per bushel.*

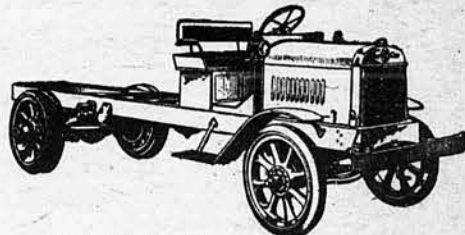
In addition to the ordinary advantages of power farming Twin City 12-20 Tractor gives you the *added* advantage of dependable performance with three plows even in the worst going. Its 16-valve-in-head engine sets the mark in fuel economy. Get the *field facts* which prove conclusively your gain in having the tractor that is

Built to do the work—not to meet a price

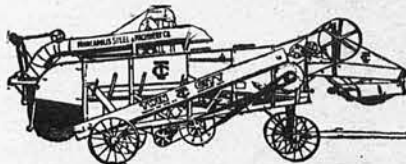
The most adaptable and lowest priced farm help for your plowing—harrowing—packing—seeding—harvesting—threshing—as well as for every belt job on your farm.

Your farming business deserves to be put on the money-saving Twin City power basis this year. Let us go into details with you regarding Twin City Tractors, All-Steel Threshers and Motor Trucks. Backed by one of America's foremost manufacturing organizations—a \$7,000,000 institution. See your Twin City dealer. Catalogs will be sent for the asking.

Twin City 12-20 with 16-valve (valve-in-head) engine. High-grade alloy steels. Great surplus power with light weight and low fuel cost. Twin City Tractors are made in three sizes: 12-20, 20-35, 40-65.



Twin City Trucks are made in two sizes: 2-ton and 3½-ton. Twin City construction means economy with great durability.



Twin City All-Steel Threshers have new and exclusive grain-saving features. Four sizes: 22-42, 28-48, 32-52, 36-60.

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TWIN CITY

12-20 Kerosene Tractor with 16-valve engine

Why the 4-Plow Tractor Wins Out



Aultman-Taylor 15-30

COMPARE the saving of the Aultman-Taylor 15-30 4 plow tractor over the ordinary 2 or 3-plow machine. Take plowing:

A 2-plow tractor replaces 1 man and two teams. A 3-plow, 2 men and 3 teams—while the Aultman-Taylor 15-30 4-plow replaces 3 men and 4 teams. Thus, the 4-plow tractor does double the work of the 2-plow, in the same time—at about one-half the operating expense.

And at the belt—this "big" small tractor does a vast amount of work the ordinary small tractor cannot handle. The 15-30 is built for long life and perfect performance. It is mechanically right.

Aultman-Taylor makes two larger tractors, the 30-60 and 22-45. These huge, rugged machines have hammered down road building costs to the last cent, the country over.

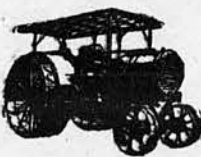
Your dealer will be glad to show you the Aultman-Taylor line of tractors. See him or write direct.



The Aultman & Taylor Mach'y Co.
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Kansas City, Mo. Wichita, Kan. Lincoln, Neb.

Aultman-Taylor Kerosene Tractors



30-60

The acknowledged King of Road Builders. Actual performance shows it will build more miles of road, at less cost than any other power.



22-45

A real, honest-service tractor that will put through the toughest road or farm job. It draws 6 to 8 plows and operates a 32 inch thrasher.

Capper Pig Club News

How Many Kansas Boys Have Pep?

BY EARLE H. WHITMAN
Club Manager

SAY, DAD," said Sam Browning, looking up from the paper he had been reading, "do you s'pose I could make some money with a sow and pigs, like the boys this story tells about?"

"Well, son," answered "Dad" Browning, pulling off his spectacles and holding them up to the light to note unconsciously that they hadn't been cleaned recently, "that depends on the chance you have. What put that idea in your mind?"

"This story says Senator Capper will help boys get sows to enter in the Capper Pig Club if they haven't any money or don't own a sow," answered Sam. Then, eagerly, "Oh, dad, can I try it? I could fix up a 'good shed and pen, and I'd take the very best care of my pigs. I'd have to pay only 6 per cent on the money and the loan could run until the first of next year. Can I do it?"

"Dad" took his time about replying, then turning to Sam he said: "Son, that's just about what you ought to get into. When I was a boy I never

em," and Sam made the dishtowel fly.

Well, Sam's a member of the Capper Pig Club now and is one of the chaps who will make a success of the work. He's getting his start just as any other boy with the right kind of energy and ambition can. Many a Kansas boy is happy today over the possession of a fine sow that he will enter in the contest for 1921. Soon will come letters telling of litters of pigs that are just hurting themselves growing.

"I got my Chester White sow home Friday, January 28," writes Oliver Baker of Ellis county, "and she sure is a dandy. I'm going to enter her within a few days, for she is to farrow March 3."

"I'm sending the bill of sale for Longview Goldie, 991536," says Wilber Biddison of Lyon county. "She is a gilt a year old last October and should farrow about the first of March. J. W. Johnson, fieldman for the Kansas Farmer and Mail and Breeze, said she was the best hog sold at the sale. My father bought her for me, as I was in bed enjoying the mumps."

Junior Dawdy, a Shawnee county boy, writes: "I have received the registration papers for my contest sow. She is surely doing fine, and I am very proud of her. I cultivated corn for my father last summer, and as I liked the job I'll try to rent a couple of acres to put in corn for my sow and her pigs, and tend it myself."

The Capper Pig club is not only for boys who need to borrow money to buy sows. The boy who already has a registered sow that he can enter is fortunate, for he won't have a note to take care of the last of the year. The prizes offered for competition by club members should interest every farm boy. Some club members won as much as \$25 in cash this year. You couldn't count up the winnings of such boys as Frank Bender of Lyon county, winner of \$15 in cash and a \$50 prize Duroc gilt from E. J. Bliss of Bloomington, or Warren Segerhammar of Republic county, with his \$20 in cash and the \$50 prize Poland gilt from Fred Caldwell of Topeka. Few were the boys who showed no profit.

Have you read the "box" announcement on this page? Let's all work together to make our "sale or exchange" department a successful feature of our club. I believe we can build up a regular demand for club stock. Here's an offer from Donald Sauer, Rexford, Thomas county, Kan., that I want you to read: "I would like to exchange one Chester White boar, 9 months old, weight about 200 pounds, registered, with some other club member who has white hogs."

With the exception of Linn and Reno counties, there is room in every Kansas county for boys 12 to 18 years old. The enrollment period has been extended to March 15, but don't delay sending in the application coupon. The work is simple and will be explained at every step of the game. The sooner you get a sow and start in the contest the better will be your success. Have you the kind of pep hundreds of other Kansas boys have shown and are exhibiting now? If so, there's a place for you in the Capper Pig club.

Service for Club Members

An up-to-date list of stock for sale by Capper Pig club members has just been prepared by the club management. This list is ready for distribution and will be sent upon request from any reader of the Kansas Farmer and Mail and Breeze. It is the plan of the club manager to revise this list at regular intervals, thus keeping on file information that will show at any time the hogs members of the club have for sale. As the contest for 1921 progresses this list will include hogs anywhere from a few weeks old to gilts and boars ready for breeding purposes. A special exchange service will be maintained for the use of the members. Anyone desiring a copy of the offering of club stock should address Earle H. Whitman, Capper Building, Topeka, Kan.

heard of a pig club, let alone anybody offering to help me get a start with purebred hogs, but if I'd had some help then it wouldn't have taken me so long to learn a lot of things and really get somewhere in the business. So Senator Capper will lend the money, eh? Well, that about hits us, for I certainly haven't a supply of cash to let you use. Tell you what," and "Dad" Browning was becoming almost as enthusiastic as Sam, "you join the club and I'll let you have 3 or 4 acres of that bottom land to put to corn for your hogs. You can pay rent out of the crop if you want to, but it'll give you a fine chance to find how real farming goes."

"Gee, dad, that's great!" shouted Sam so loudly that his mother came from the kitchen to ask, "What in the world's the matter with you two? Sam, the dishes are ready to wipe."

"I'm there, mom, and I'll tell you why I'm so happy, while I'm wiping

"Here's Real Tobacco" says the Good Judge

That gives a man more genuine chewing satisfaction than he ever got out of the ordinary kind. Smaller chew, lasts longer—so it costs less to chew this class of tobacco.

And the good, rich tobacco taste gives a world of satisfaction.

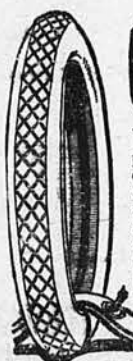
Any man who uses the Real Tobacco Chew will tell you that.

Put up in two styles

W-B CUT is a long fine-cut tobacco
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Send No Money We ship C.O.D. express subject to your examination, or parcel post; 5¢ off for cash in full with order. Shipment made same day order is received.

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These prices include new Coylon tube free with each tire

Tire	Price	Tire	Price
30x3	\$7.95	32x41-2	\$13.00
30x31-2	8.95	32x41-2	14.25
32x31-2	9.90	34x41-2	14.90
31x4	10.95	36x41-2	15.90
32x4	11.50	36x41-2	16.00
33x4	12.45	38x5	17.00
34x4	12.90	38x5	17.50

Order While We Have Stock at These Prices

NEW TUBE FREE
With Every Tire You Buy

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

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

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

.....county in the Capper.....Club.
(Write pig or poultry club)

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

Approved.....Parent or Guardian

Postoffice.....R. F. D.....Date.....

Age Limit: Boys 12 to 18; Girls, 10 to 18.

Jayhawker's Farm Notes

By Harley Hatch

WE HAVE about half of the wood and post timber hauled up from the 80-rod hedge row which we cut recently and have enough of it sawed up to know that we will have somewhere from 700 to 1,000 good posts and also enough wood to last an indefinite time. As such posts as we save are worth about 15 cents apiece it will be seen that this hedge returned a fair income for the 23 years in which it has been growing, if we consider alone the land which the hedge occupied. But this cannot be done; in reality this hedge sapped the vitality of the ground for about 16 corn rows wide so that in almost every year for the last 23 that hedge has been causing us a big loss. For some unknown reason, the hedge along the south side of the same field, altho just as large, does not seem to hurt the corn for more than 4 or 5 rows.

The Last of the Old Wheat

We cleaned up the last of the wheat in our galvanized bin this week and hauled it to the mill at Burlington where we traded it for flour and feed. Being taken from the bottom and being the clean-up of the entire bin the wheat was rather dirty and not of extra quality. We also hit the lowest market of the year but as we took mill products on the same basis, that made no difference. For the wheat we were allowed \$1.30 a bushel. For flour we were charged \$2.15 a sack for the best high patent; shorts of good quality were \$1.40 a hundred and bran was \$1.30. The shorts were for a bunch of fall pigs and the bran was for the hens.

The Hen's Laying Season

With the chicken stock which we used to have years ago and with the "live or die" feeding methods which every farmer used then, the laying season used to comprise about three months of the year. The hens would begin to lay about the last of March and were usually almost thru laying by July 1. It made little difference then, however, whether the hens laid or not for the average price paid for eggs was usually about 5 cents a dozen during the spring months. That was before the days of the cold storage plant, when the consumer had unlimited cheap eggs to eat three months in the year and went without the rest of the time. Now there seems to be no regular laying season with our flock; they lay more eggs, it is true, during the spring months but they lay pretty well at all other times of the year.

Eggs 22 Cents a Dozen

We note that our local paper quotes eggs at only 22 cents a dozen. This is giving the buyer 7 cents margin over the Kansas City market to pay handling expenses, shipping, and case costs. This margin will be cut down much lower as soon as the market settles and the storage houses begin to buy. Every year the first rush to put down prices carries the market lower than is justified and it advances just as soon as the storage buyers get in the market. The local merchants do not welcome this drop in prices; they make their regular margin of profit on the dozen just the same, of course, but their volume of trade falls off greatly. The average farmer is inclined to buy freely so long as the eggs provide a balance to draw on, but when the egg money runs out and he has to draw on the cash his store bill shrinks in a hurry.

Very Few Pastures Rented

Virtually no pastures have been engaged in this part of the state for the coming season. There are but few of the regular cattle handlers who care to tackle the proposition of buying cattle and hiring pastures at this stage of the game; they prefer to let matters settle a little more, knowing that they still have more than 60 days in which to operate. Many pasture owners hoped—and still hope—to get \$8 a head for the coming pasture sea-

son but most cattle owners don't care to bind themselves to pay so much. They would by far rather make an agreement to share profits or gain in weight. In other words, they desire the pasture owner to run his share of the risk, too, which looks like a fair proposition considering what the cattle owners have had to contend with during the last year.

Charges for Grazing

We have heard three different methods of fixing pasture prices discussed of late. One is the old flat rate of so much a head regardless of season, price of gain in weight. Such offers run from \$5 to \$8 a head depending on the age and condition and location of pasture. Other things being

equal, cattlemen will pay a larger price for good limestone grass than they will for that grown on common upland or on sandstone soil. The second method is to pay according to what the cattle bring when sold next fall. If they sell for \$8 a hundred, the owner pays \$8 a head for his pasture, if they bring but \$6 a hundred, only \$6 is paid. In this way both share in the fortunes the market may bring but no account is taken of the gain in weight; the cattle owner runs all the risk that the cattle will make a good gain. The third method compels both to share alike in both gain and price for under this agreement the pasture owner and the cattleman share equally in any gain the stock may make on pasture. If they gain 250 pounds during the season, each person gets the proceeds from 125 pounds. Probably most contracts will be made at the old flat rate, for most pasture owners would rather hitch to a sure thing than to run any chances. Everybody fears the cattle market these days, just as a burnt child is said to fear the fire.

Paint Prices Smashed

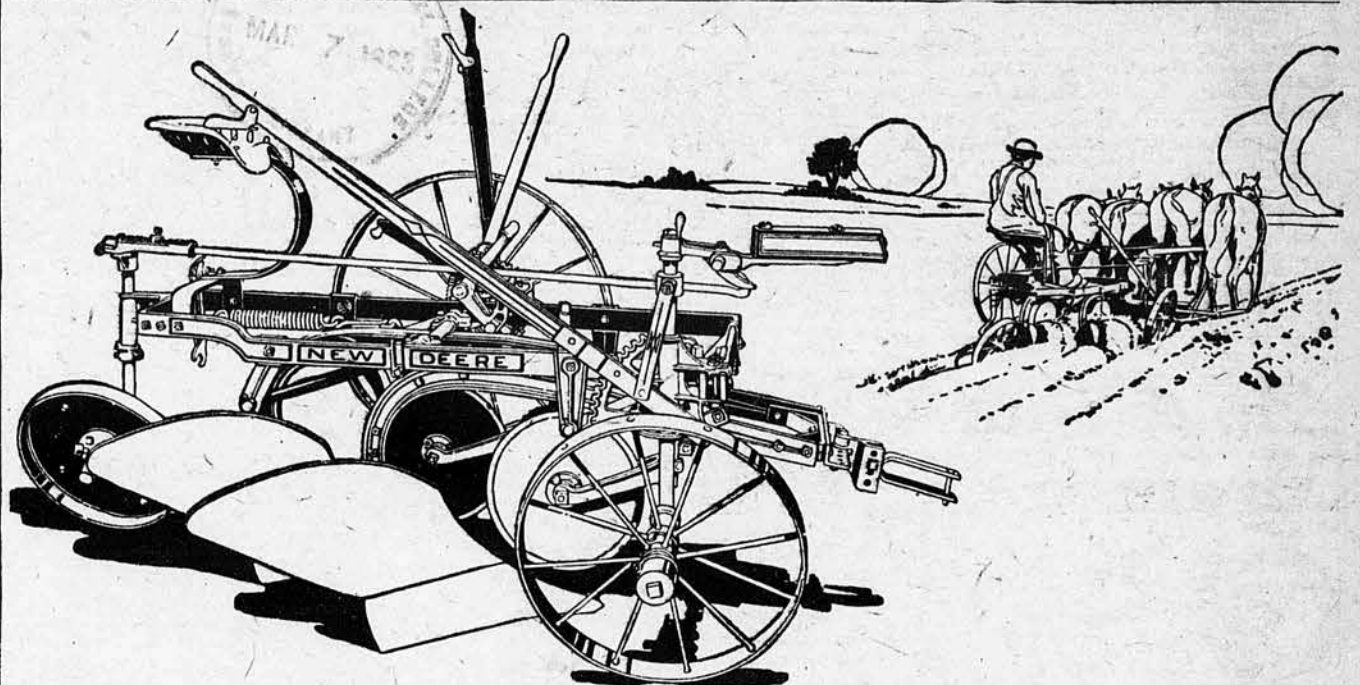
Guaranteed House Paint \$2.35 PER GALLON

Buy now—order from this "ad." Prices guaranteed against decline but they may go up. So, don't delay. High grade house paint of splendid formula. Won't peel, blister, fade or rub off. White, black and 26 non-fading colors. Put up in containers from 1 to 50 gallons. No. LW 20—per gal. \$2.35

GUARANTEED BARN PAINT! LW 20, Red, yellow or maroon, per gallon \$1.00 Green, slate or red, per gal. \$1.00 FREE book of bargains in paint and paint-ers' supplies. Ask for catalog No. LW 20. Dept. LW 229

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THE New Deere Gang was introduced to farmers 26 years ago. It was built for farmers who want the best—farmers who know that it is real economy to buy a plow that insures extra years of good service. The New Deere Gang quickly plowed its way to leadership. For many years it has been the leader of its type. Its record proves that most farmers want the best plow they can get and that the New Deere Gang meets their requirements fully.



Get This Big FREE BOOK

Write Today for a free folder illustrating and describing the New Deere Gang. Ask also for our big, free book, "Better Farm Implements"—114 pages—illustrates and briefly describes John Deere implements for practically every farming operation—has valuable information on the operation of implements. Address John Deere, Moline, Ill. Ask for package DG-511.

Leadership of this plow is due, first of all to the high quality in its genuine John Deere bottoms. They are made by men who have spent years in studying soil conditions in all sections and designing plow bottoms to meet those conditions to best advantage. John Deere bottoms scour, pulverize, make a good seed bed—do the work the way the farmer wants it done. There is a type and shape for every soil. Made of the best plow-bottom materials and reinforced where wear is greatest, these bottoms are unusually long lived.

Makes Uniform Seed Beds. Because of double bail construction, full plowing depth is reached almost instantly and even depth of furrows is maintained. Front furrow wheel is controlled by a handy lever adjustment, insuring even width of furrows.

Pulls Light. The New Deere Gang is all-wheel-carried—no landside friction—

no dragging of the bottoms. And the clean-scouring qualities and general high grade construction of the bottoms are great aids to light draft.

A Boy Can Operate It. Foot lever and auxiliary hand lever make it easy to lift the bottoms under all conditions.

Quick Detachable Shares—loosen one nut to remove share; tighten the same nut and share is on tight. It stays tight.

Long-lived. Made of only high grade materials, the New Deere Gang lasts much longer than ordinary plows. Fewer repairs are required.

See the New Deere Gang at your John Deere Dealer's. Inspect it thoroughly. Remember it has been the most widely used horse-drawn gang plow for 26 years. That's an A1 recommendation. You will find this plow an especially good investment.

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Buy a Full Roll of Guaranteed ROOFING

—yes smashed to pieces—lower prices on all grades than we have been able to quote for years. The time for quick buying is here. Make your selections right from this announcement. Order today or get full particulars and ask for our

FREIGHT PREPAID PRICES

Simply send us the sizes of the roof of the building you wish to cover and we will send you our low quick sale prices upon the kind of roofing you want.

Four of the Big Bargains!

GOLD MEDAL ROOFING

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Light and Heat at Low Cost

Farm Gas Plants Will Give Good Service

BY FRANK A. MECKEL

FARM gas plants have been divided into two distinct classes in the past: the gas supply tank which is sent out fully charged with a supply of gas and which must be filled at some central station; and the home generating plant.

The gas supply tank has certain advantages such as requiring no work on the part of the consumer except in connecting it up with the piping system in the house. The containers are steel tanks holding a certain amount of gas under a heavy pressure. Pressure regulators usually are supplied with such outfits and the entire plant is very compact and requires little attention. The main difficulty seems to be a matter of service in getting the tanks recharged with gas. This has necessitated the operation of branch houses all over the country in order that long shipments and the delays experienced with them may be avoided. However, at best this service has been unsatisfactory to farmers who are remote from these filling stations, and the tank gas business has fallen off to a large extent.

Equipment for Rural Homes

The other class of farm gas plant is composed of a generator which produces the carbide gas, or acetylene as it is commonly called, from calcium carbide and water. There are variations of this plant, but the best and most common are the automatic plants in which the supply of carbide entering the water chamber is cut off when the gas is shut off at the burner. As soon as the gas is turned on, the generator begins operation automatically. Pressure governs the entire system.

The gas generated can be used for lighting and heating, altho relatively few persons have come to realize its value other than for lighting purposes. It yields a soft white light, and when the right kind of burner is used there is no soot or smoke. Fixtures may be had for considerably less than the cost of many other types of lighting fixtures, and the cost of the gas is not at all excessive. Naturally, when gas is used for cooking purposes more will be consumed, and the total cost will be considerably higher. However, when the convenience of having a small gas stove available at all times is taken into consideration, the cost is after all a minor matter, and while it may be doubtful in the minds of many whether cooking with carbide gas is practicable, every owner and user of a carbide gas plant should have a small stove or hot plate where a meal may be hurriedly prepared, or where water or milk may be heated quickly at night in case of an emergency.

Much has been published concerning the danger of carbide gas plants in a house. There have been all sorts of stories circulated, and no doubt there have been a few accidents and explosions, but in nearly every instance they have been caused by gross negligence on the part of users.

Can be Used With Safety

Carbide gas has a characteristic odor, and can be detected readily. If anyone smells the gas and knows it is escaping at some point, then goes to investigate with a candle or kerosene lamp, he can expect nothing better than to be blown up or badly burned. Most of the accidents which have occurred have been due to some such foolish practice. Carbide gas is combustible. If mixed with air, it will explode when it comes in contact with a flame, but ordinary precaution against leaky connections and open gas jets will eliminate all possibility of accidents.

A wrong impression has been given that sometimes the generator itself blows up due to the heavy pressure of gas inside. This is impossible in the automatic plant, for the gas cannot be generated unless carbide is mixed with water, and as soon as the gas is cut off at the burner, the carbide ceases to be fed into the water chamber, and hence no gas can be generated, so there is nothing to the story. In any event, all plants are equipped with safety valves, and should the pressure ever get above a certain point, the valve opens automatically and allows the excess gas to

escape, after first cutting off the gas from the main lines.

Some companies advocate a basement location for their plants, while others prefer having their plants located out of doors. No doubt the out-of-door plant is the most popular at present, altho a good plant is just as safe in the cellar as it is out of doors. However, cleaning and recharging are easier when the plant is outside.

Many owners have built small, double-walled houses for their gas plants. This will eliminate all danger from freezing during extremely cold weather. Some manufacturers advocate placing their plants in a pit below the frost level, while others provide an iron jacket to go around the water chamber of the generator and advise filling this with straw or manure during the winter.

To sum it all up, the farm carbide gas plant is not costly; it provides gas for lighting and cooking at a comparatively low cost; it is easily understood and requires very little attention; supplies may be had at almost any country store or hardware dealer; and it will give excellent service for quite a number of years. Farmers all over the country are using gas plants and generally are well pleased.

Farmers' Bulletins of Interest

These Farmers' Bulletins may be obtained free on application to the United States Department of Agriculture, Washington, D. C.

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- 895. Growing Winter Wheat on the Great Plains.
- 896. Rats and Mice.
- 897. Fleas and Their Control.
- 898. Standard Varieties of Chickens. II. The Mediterranean and Continental Classes.
- 899. Surface Irrigation for Eastern Farms.
- 900. Homemade Fruit Butters.
- 901. Everbearing Strawberries.
- 903. Evaporation and Drying of Fruits.
- 904. Fire Prevention and Fire Fighting on the Farm.
- 906. The Self-Feeder for Hogs.
- 908. Information for Fruit Growers About Insecticides. Spraying Apparatus, Insect Pests.
- 909. Cattle Lice and How to Eradicate Them.
- 913. Killing Hogs and Curing Pork.
- 914. Control of the Melon Aphid.
- 916. A Successful Community Drying Plant.
- 917. Growing Peaches: Sites and Cultural Methods.
- 918. Growing Peaches: Varieties.
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- 921. The Principles of the Liming of Soils.
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- 924. A Simple Way to Increase Crop Yields.
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Win a Gold Medal for Big Crops

The third annual Farm Journal Prize Crop Contest begins immediately. Whoever raises the most corn, oats, wheat, hay, cotton or potatoes on five acres gets The Farm Journal Gold Medal, the highest honor in the agricultural world. Silver medals for biggest yields on one acre. It's open to everybody—costs nothing to enter. All contest rules and records of previous winners are in The Farm Journal for March.

The Secret of Building Up the Soil

By his method of planting and plowing, Joseph Sibley has produced wonderful crops. He accounts for it with a revolutionary fertilization theory in the March issue. Again The Farm Journal leads in soil topics.

How to Feed Beef Cattle

How long should it take to boost a 400-lb. calf to 500 lbs.? How much feed? Study the results of tests at the Minnesota Experiment Station. Keep the feeding tables. You'll find them in The Farm Journal for March.

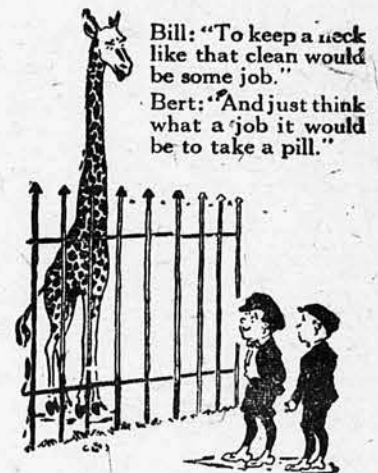
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How to accommodate your crowds, arrange exhibits, group entries, and plan fair buildings. This timely article is based on experience gained at scores of successful fairs. Read it—in The Farm Journal for March.

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You can get more eggs! You can work your hens overtime without harm to them—if you know how to do it. All you need is to read this wonderfully interesting article in the March issue of The Farm Journal.



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Our Kansas Farm Homes

Mrs. Ida Migliario
-EDITOR-

Shining Locks Tell a Story

BY HELEN LAKE

How about your hair? Do shining locks tell the story of good health and proper care or are you one of the worried ones, wondering how to keep the hair from falling?

Hair speaks for itself. If in excellent health, it has luster and life. When thin, lifeless and falling, perhaps it is improperly nourished. Frequently the hair is in a bad condition because it is hungry. Then massage is needed.

In massaging the scalp, start in front over the forehead. With the tips of the fingers of both hands move the scalp up and down gently until it is so loose that it forms small ridges between the fingers.

Then use rotary movements on the sides, working back until the head has been covered and the fingers of both hands meet in the back. Repeat this process until the scalp is warm and aglow. Ordinarily it takes no longer than 5 minutes to bring the blood to the surface by this method. Blood is food for the hair.

Of course, a massage now and then will not accomplish so much good as 365 massages a year will. A massage just before retiring for the night is one of the best ways to prevent hair from losing life and falling.

Brushing is an excellent treatment for the hair, too. Bend over, throwing the head down, and brush briskly until the scalp feels warm and the hair is enlivened. If a piece of thin cheese-cloth is tied firmly over the bristles of the brush, the dust and loose dirt in the hair will be wiped off.

The hair must be kept clean if it is to be healthful and beautiful. After washing it with water, soft if possible, and a good soap or shampoo, painstaking care is needed in rinsing to remove all traces of soil, soap or any material used in the shampoo. If the scalp and hair are very dry after being washed, it may be necessary to add a little oil to replace the natural oil which is washed out. Brushing wet hair has a tendency to make it coarse and dry.

Dandruff may or may not be a disease. In some instances it is only the scaling off of the scarf skin combined with oil and waste material excreted by the glands in the skin. When much dandruff is present accompanied by oily, dry or falling hair, something should be done to remedy the condition. Massages will be helpful.

The present custom of keeping little girls' hair short until they are 8 or 9 years old, is a good one. It is much easier for mothers to care for the short hair and to keep it soft. For this reason, it is more likely to be beautiful when the little girls are older.

The Important Pantry Shelf

The housewife who has a well-stocked pantry shelf is never embarrassed by having unexpected guests arrive just before meal time. Foods ready-to-serve may be a trifle more expensive than those which must be put thru a long-time cooking process, but if one considers the greater opportunity for pleasure and worth while entertainment which is gained she will find the difference well paid for.

This shelf may hold many varieties of food which are prepared or almost prepared for the table. Probably the most important of all are the meat delicacies. For, we Americans scarcely feel that a meal can be called "dinner" unless meat is served.

Among the ready-cooked meats are such popular varieties as veal loaf, meat loaves made in home style with cracker crumbs, eggs and tasty seasoning, potted meats and deviled ham. Then there are the always popular boiled ham and dried beef.

Altho prepared meats are most frequently served cold, they are unusually

good when made simply and quickly into hot dishes. On a cold evening the family will enjoy frankfurt sausages cut lengthwise in halves and frizzled on a hot pan. Cream chipped beef on toast, squares of veal loaf and cold boiled potatoes browned together and baked beans heated in the can are some of the easily prepared hot meats that are favorites.

The one big thing to remember in stocking your pantry shelf is to buy only food which you know will be satisfactory. Real economy comes from thoroughly good quality foods, every bit of which will be eaten and enjoyed.

Special Meat Loaf—Cut meat loaf in 1/2-inch cubes and heat in the following sauce: Brown 2 tablespoons of butter (or a substitute), add 3 tablespoons of flour, and 1 cup of hot water in which

of sacks that bleach with little trouble.

The best sacks were selected for dresses for her three little girls, aged 7, 5 and 3 years. Simple, good looking styles were selected for the dresses, and they were trimmed with crocheted edges, left-over pieces of embroidery or effective stitching in rope floss. Some of the dresses had colored collars and belts made from bright plaid gingham or chambray. These could be washed and ironed separately and snapped into place. Perhaps the most effective frock was one with a wide crushed belt made out of an old renovated black satin ribbon and fitted thru slots under the Gibson plaits. Black agate buttons from the 10-cent store trimmed the dress.

There was enough material left from the sacks to make some waists, drawers

Removing Those Stains

BY FLORENCE B. CATON

No matter how careful we may be of our clothes and house linens, we know that stains persist in getting on things. It may be that a berry slips off the spoon as we are serving dessert and leaves a red stain on the table cloth; that in walking thru the yard we get grass stain on a white skirt. But no matter how the stains get on things, we are concerned with the means of removing them.

A new stain is easier to remove than an old one, so it should be taken out as soon as discovered. If chocolate or cocoa is spilled on house linen or clothing, rinse in hot water and pure soap suds. If this fails try sprinkling borax on the stain and soaking in cold water before washing again in hot water.

If it is coffee stain, pour on boiling water from a height of 2 or 3 feet. This is effective on a new stain, but if it has stood several hours wash in soap and water and lay the material in the direct sunlight. Borax and hot water will remove a tea stain.

Boiling water is the first aid for fruit stains. It would never do to let the cloth go to the wash without first removing the stain, for it would be set by the soap. Lemon juice and sunlight will almost always remove a stubborn fruit stain.

If you have a grass stain with which to deal, hot water and soap may remove it. In case it does not, wood alcohol may be applied by sponging. Perhaps grease is the most common stain. This may be removed with soap and water, which emulsifies the grease. French chalk placed on the stain and allowed to stand over night will absorb the grease. One may try placing the grease spot between two blotters and pressing with a warm iron. This method applies also to a paraffin stain. As a last resort the grease may be dissolved with ether or chloroform. Be sure to use them outdoors, as they are inflammable.

Ink is another bugbear. Oxalic acid crystals and boiling water is good on white materials and milk for colored ones. Let the milk remain long enough to become sour and the lactic acid formed will remove the ink.

For iron rust, apply dilute hydrochloric acid drop by drop. Rinse thoroughly in borax water to neutralize the acid that may remain in the material. When mildew appears on clothes it may be removed with lemon juice or it may be soaked in sour milk for about 24 hours.

Lemon juice and sunlight are effective for scorch stains. Pure turpentine will remove a fresh paint stain or one made by vaseline.

An Appetizing Flavoring

Housekeepers frequently grow tired of using the same flavorings in the foods they prepare for the daily meals. Have you ever thought about using a little beef extract for variety? It can be purchased at most grocery stores.

This essence of beef is made by freeing the meat from all fat and gristle and cooking it for a certain length of time at a definite temperature. The thick, jelly-like mass that remains is nutritious. It plays the same part in flavoring a meat or a vegetable that lemon or vanilla plays in flavoring a cake or candy.

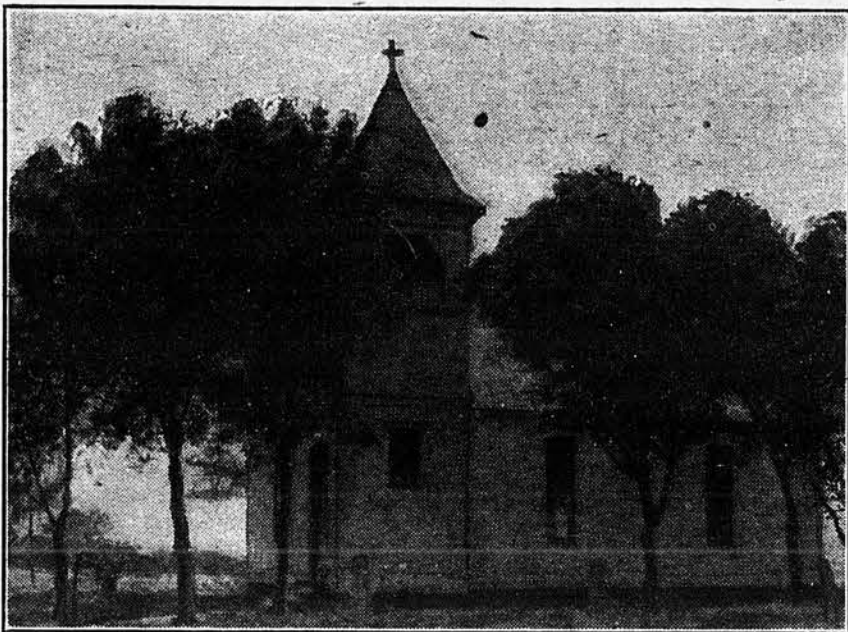
Perhaps you will like the following recipe:

Spaghetti Casserole

1 1/2 cups spaghetti	2 tablespoons drip-
1/2 teaspoon extract of	plings or butter
beef	1 teaspoon salt
1 cup tomato pulp	1/2 teaspoon pepper
1/2 cup bread crumbs	

Wash the spaghetti in cold water. Drop into boiling salted water and cook until tender. Drain and mix spaghetti and tomato pulp. Add salt, pepper, fat and extract of beef which has been dissolved in 2 tablespoons of hot water. Place in a buttered baking dish, cover with bread crumbs and bake.

A House Lights a Church



A TYPICAL progressive country church with the added convenience of electric lights! That's what the Carson Congregational church in Brown county possesses.

Mr. Boyd Overfield, who is a deacon in the church, made an astonishing proposition to the church members one Sunday morning. He offered to light the church with electricity furnished by the lighting system of his home, 60 rods west of the church.

Altho 24 of the 25 members had their misgivings, they set about making arrangements for the wiring of the church and connecting it with Mr. Overfield's plant. A week or so later, when the members drove up for their evening service, they found the church ablaze with four large electric bulbs suspended from the ceiling. Needless to say, they were delighted with the change.

"Now I'm going to light the school house," Mr. Overfield announced to the congregation. "When I went to school, there was many a dark day that I would have been thankful for some light while I was trying to write in my copy book. Then, too, with electric lights in the school house, it will become the center of community life."

Jessie Wyatt.

has been dissolved 1/4 teaspoonful of extract of beef. Season with salt and pepper. Cut slices of olives and add to sauce.

Veal Loaf Cakes—Use 1 can of veal loaf, 1 cup of white sauce, 1 cup of bread crumbs, salt and pepper, 1/4 of teaspoon celery salt and 1 egg. Form veal loaf, sauce, bread crumbs and seasonings into 8 cakes. Roll in crumbs, egg, and crumbs again. Brown in hot fat.

Possibilities in Flour Sacks

BY FLORENCE L. SNOW

A clever little woman who is making one dollar do the work of many has discovered some of the possibilities in flour sacks. One of the mills in her town was selling defective sacks for 2 1/2 cents apiece and she bought 50 of them. They happened to be the kind

and bloomers, and one or two cunning little aprons trimmed with applique bunnies and a bit of embroidery floss.

The material looked so well when properly starched and ironed that she bought 10 more sacks. From the new supply she made a smock for herself which she trimmed with black and white striped percale. This blouse makes an excellent afternoon house-dress worn with a white duck skirt.

From the remainder of this lot she made a dresser scarf and a number of plate doilies. The plate doilies are machine hemstitched and stenciled with artists' paints thinned with turpentine. The colors used were delft blue and a touch of black, which gave a Japanese towel effect. These doilies launder almost as well as the Japanese material and with the right amount of starch, the effect is almost as good.

Farm Home News

BY MRS. DORA L. THOMPSON

In purchasing a new aluminum dish pan some time ago, the idea occurred to us that it might be handy to have a lid for it. The hardware merchant happened to have a tin lid of the right size, so we added 60 cents to the cost and bought the lid. It has proved to be even more helpful than we thought. Being aluminum, the pan may be used as a large preserve kettle and the lid completes the kettle advantages. When we want to heat the dish water in the pan, the lid lessens the time required by half.

It happens that this lid is the size of the top of the large bread mixer. We like it better for the mixer than the one that came with it. The bread mixer lid has a wide opening to permit the handle and clamp to pass thru it. When the bread is rising, most workers prefer to have the handle removed. This leaves an opening in the lid. The dish pan lid lacks this opening and is better suited to our use.

A friend bought a larger dish pan than ours. It was too large for any lid in stock, so she had the tinner make one. This serves the purpose as well as ours and cost no more.

A calendar that meets the needs of the average farmer who dislikes book-keeping has lines on the back of each month's page. There is one line for every day, so it is possible to enter one item or two every day. Lacking such a calendar, it would be a simple matter to attach a pad to any calendar. The advantages of keeping such a diary are evident to the one who gets much of his help by exchanging work with his neighbors.

The age of registered cattle or other stock is an important item in securing registration papers. The diary or journal is a good place to record the same. We knew one farm woman who lost the check showing she had paid a bill, but was able to prove the payment by showing a set of well-balanced books in which the item appeared paid on the day she claimed. Not many of us could do as well.

On several occasions when the church basement has been used for dinners, it has been necessary to borrow oil stoves and other cooking utensils. Recently the ladies decided they would equip the kitchen. A large range that will burn either coal or wood has been purchased. A big cupboard for dishes and tables is part of the equipment. The proceeds from dinners and lunches served at public sales provide the means for buying the utensils.

Another part of the basement is to be furnished by the Sunday school. For this the first purchase is basket ball nets, baskets and ball. The Sunday school has planned an entertainment from which they hope to secure enough to more than pay for this room.

Every pupil aims to help in furnishing a set of plates that will be auctioned. On them will be sandwiches, pickles, pie and coffee. Various pupils promised to furnish one number for the program. With this method of division of labor, there is no hardship on any one.

We should like to see one room fitted up to receive books from a traveling library. At present, the town boasts of no library. Under such circumstances a traveling library might supply a great need. The care of the same could be divided so the work would not be arduous.

We recently visited the home of the traveling libraries in Topeka. We found it in the basement of the State House. The one in charge explained that the library had books enough to fill all empty shelves. The majority of shelves were empty, showing the use that is being made of the library. The express charges, which are all the charges made for use of the books, is a small item compared with the original cost of the books.

Comfortable Sleeping Garment

8754—Women's Combination. This simple combination may be made of muslin, longcloth or A. B. C. silk. It is cut straight across the top in camisole style. Sizes 36, 38, 40, 42 and 44 inches bust measure.

9588—Women's and Misses' Combi-

nation. This step-in combination may be made with a round or a straight top. A touch of ribbon is the only trimming. Sizes 16 years and 30, 38, 40, 42 and 44 inches bust measure.

9440—Women's and Misses' Pajamas. A loose coat and cuffed trousers are special features of these pajamas.



Sizes 16 years and 30, 38, 40, 42 and 44 inches bust 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.

Women's Service Corner

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

A Marriage Question

If a girl who is past 18 marries without her parents' consent, can they have her marriage annulled?—B. R.

Our supreme courts have held that a marriage which has been legally performed cannot be set aside except by divorce proceedings.

Bulletin on Meat Curing

How do you put up meat in brine for summer use so that it can be cooked without soaking the salt water from it?—Mrs. D. L. H.

For definite information on the keeping of meats, write to the United States Department of Agriculture, Washington, D. C., for Farmers' Bulletin No. 913.

Value of Old Coins

I have a half dime dated 1855. Can you tell me its value? Also, would I dispose of some old gold jewelry?

I suggest that you take the coin to your banker. Most bankers have a list of valuable old coins. You probably could sell your old jewelry at a jewelry store.

Angel Food Cake and Frosting

Will you please give me a good recipe for angel food cake and frosting?—A Reader.

The recipe for angel food cake is as follows: Beat the whites of 8 eggs until frothy. Add 1 teaspoon of cream of tartar, and continue beating until the eggs are stiff then add 1 cup of sugar gradually. Fold in $\frac{3}{4}$ cup of flour mixed with $\frac{1}{4}$ teaspoon of salt sifted four times, add $\frac{3}{4}$ teaspoon of vanilla. Bake 45 to 50 minutes in an unbuttered pan. After the cake has risen and begins to brown, cover with buttered paper.

A good filling for the angel food cake would be boiled frosting. Cook $\frac{1}{2}$ cup of water and 1 cup of sugar into a sirup that will thread from the spoon. Pour the sirup gradually over the whites of 2 eggs beaten stiff and continue to beat until of the right consistency to spread; then add 1 teaspoon of vanilla or $\frac{1}{2}$ tablespoon of lemon juice for flavoring and pour over the cake, spreading evenly with the back of the spoon.

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For Our Young Readers

True And Imaginary—But All Original

BY THE BOYS AND GIRLS

ONCE upon a time there was a little girl who had three geese, one of which cackled so much that the other two fell over dead. The cackly one covered his dead brothers with pretty flowers and leaves. And because he felt so badly, he traveled for two days without stopping, not even eating or drinking, but finally he came back with a root of a flower which he placed in the mouths of the dead geese, and they came back to life again, and the three geese lived happily for 25 more years.

Mildred Standich.

Sedgwick County.

Such a Fat Trilly!

My uncle gave me a pony which my father brought home for me in the back of the car. Pony's name is Trilly. He is so fat that when it rains the water stands in the middle of his back. He weighs 650 pounds. If you take hold of his leg he will lie down. I am 12 years old.

Grace Sutor.

Rooks County.

A True (?) Fish Story

Once my brother Jack went fishing. He could not get any fish so he went wading. A "crawd" seized his big toe and pulled and pulled and pulled until he pulled the toe off. Then Jack went into the water with his shoes on. But Mr. Crawd pulled them off and also Jack's other big toe. When Jack reached home Mother asked him where his two big toes were. He told her what had happened and she said, "Why, you bad boy! What did you let him get hold of them for?"

Virginia McCulley.

Johnson County.

Five Times His Weight

I am a reader of your good paper. I have seen and admire Senator Capper. I am 13 years old. I have a sister 11 years old and a brother 9.

We have a Shetland pony which we drive 2 miles to school. We have 16 sheep and six Belgian hares. My brother has a little black dog that weighs 20 pounds and can pull 100 pounds on an express wagon. We have 21 scholars in our school, 19 boys and two girls. My brother and I trapped this year, finding three skunks, two opossum, three civet cats and two muskrats. We have 19 steel traps.

Arnold Thompson.

Washington County.

When the Donkey Jumped

There was a big white-faced bull in front of our house. He had horns about a foot long. As I started to go up to my pal's house I saw that old bull. So I called Billy on the telephone and asked him to come for me with his donkey. When he came I got on the donkey behind Billy. The bull switched his tail, the donkey jumped and I fell off. My, I was frightened! I ran for the fence, for I imagined the bull was coming. But when I looked back the bull was over at the other side of the road eating grass.

Roger Tays.

Delta County, Colorado.

Rover and Sport

I am 7 years old and in the second and third grades at school. There are two other girls in my class. We have lots of fun.

We have two dogs. One we call Sport and the other Rover. Sport chases sticks that we throw away. He climbs a tree, about 8 feet, and gets the stick we put on the limb. He also climbs a netting pen, about 8 feet high, and gets the stick on the top. Rover gets angry at Sport when he plays. He bites him. They both like to drive the cows and horses.

Mildred Verhage.

Jewell County.

Ginger Likes to Race

Ginger is my mother's horse. We brought Ginger with two other horses from Kansas. I ride Ginger to school. At noons I ride her out to my traps

and when I get back, she dances with me. When a car passes us she tries to race with it. I live 40 miles from Colorado Springs. I am 13 years old.

Verle Deniston.

El Paso County, Colorado.

A Fairy Tale?

I had a dog named Shep. When deer season opened my papa went hunting and Shep barked at a bear. Papa climbed a cliff to shoot the bear, but just as he raised his gun, the bear jumped up and knocked him down and made dents in it. Just then Shep seized the bear's hind leg and the bear turned and tore Shep's throat with his claws. By the time Papa got up and was ready to shoot the bear there were two doctors with him. They sewed Shep's throat and worked with him until midnight, but poor Shep died. So they buried him right where he fell and put a board up which said that Shep had saved his master's life.

Glen Willits.

Delta County, Colorado.

A Farm Product

The first six boys and girls to answer the February 12 puzzle—A Fairy Tale in Rhyme—are John McClure, Marie Jagen, Junior Goodwin, Elaine Campbell, Margaret Hauenstein and Wayne Hanson. The correct words are bell, steeple, people, Rose, Hare and today.

Today's puzzle is a riddle. If you can find its solution, send your answers to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There'll be packages of postcards for the first six boys and girls sending the correct answer. Here is the riddle:

My first is in grapes, but never in berries.
My second in plums, but never in cherries.
My third is in melons, but not in potatoes.
My fourth in peaches, but not in tomatoes.
My fifth is in kafir, but never in corn.
My sixth in morning, but never in morn.
My seventh in autumn always is found.
Also in nuts that tumble and bound.
My whole is a product of crisp fall days.
And little children love it in two ways.

Jip Gets a Bean

My little dog's name was Jip. One day we were at the table eating beans. (Beans was his favorite food.) Jip came along and sat up and whined. Papa said, "Speak!" and Jip barked. Papa gave him a bean. Jip got up again and began to scratch on Papa's trousers. Finally he got into Papa's pocket and scratched out everything in it. When we came to Wyoming we couldn't bring him and he got lost. I am 10 years old.

Hilda Confer.

Fremont County, Wyoming.

I Wish I Was on the Farm

I wish I was on the farm, Playing on the hay in the barn; For that is where I get my charm— Out on the farm.

I would go into the corn field, And gather some of its bountiful yield; And it would be my will Just to climb onto the windmill.

At night I would go after the cows, And come home to feed the sows; And then I'd whistle a little tune— Not having the least bit of gloom.

And at night I would go to bed, Upstairs overhead. And I would wake in the morning, When our rooster gives his warning.

And out on the farm I would feel so good, Even if Dad told me to chop the wood;

Never a moment would I be sad, But all the time I would be glad.

I would go to see the pigs, Dancing their little jigs; And these are the charm That a fellow gets on the farm!

Cole Eli Bingham, Age 12 years.
Trego County.

I think the Mail and Breeze a dandy paper. I am 14 years old.
Lost Springs, Kan. Earl Bevan.

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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.

Tuberculosis

Two new "cures" for tuberculosis and one preventive vaccine against it have recently been given much space in the newspapers. This is not surprising for the cure and prevention of tuberculosis are so important that any measures that are in the least authentic make very important news.

Several contributors have written to me asking very anxiously that I give the latest information, for they have in their families very dear members who are in urgent need of help. Especial inquiries have been made as to the benefits to be derived from the use of Chaulmoogra oil, the remedy that has lately been used effectively in leprosy.

It is not very comforting to these writers for me to have to tell them that none of these heralded cures have yet passed the experimental stage. But that is the truth and it is all that I can say. I cannot advise anyone to experiment with untried methods in such a disease as tuberculosis. For the present stick to the tried and sure helps: Rest, nourishing diet, comfort, fresh air, freedom from worry, careful exercise under proper conditions, but nothing that will spoil rest.

As soon as anything authentic about new cures for tuberculosis is received it will be reported in this column.

Questions and Answers

Will you please give me the symptoms of high blood pressure and hardening of the arteries and does that disease affect the eyesight and impair the brain to such an extent that there is danger of insanity? A. R.

I have said a great deal about high blood pressure in this column. Its symptoms are too many to specify here, but in the extreme cases persons will have headache, nervousness, shortness of breath, disturbed appetite and a general feeling of oppression. It often affects the sight very seriously. It also affects the brain, but only in very extreme cases does it cause any tendency to insanity.

Chronic Cold

I have a daughter 12 years old who seems to have a cold in her head all the time, is never rid of it winter or summer. We had her tonsils and adenoids removed a year ago and she is bothered more since then. She sneezes quite often. Do you think it is worth and if so what would you advise for treatment and cure? G. S. W.

This is a case that serves to prove that our theories do not work out in 100 per cent of cases. Theoretically the removal of adenoids and tonsils should have cured her. I now suggest that you give special attention to her sleep and her nutrition. See that she gets 10 hours sleep in a fresh well ventilated but warm and comfortable room every night, and that she always is dressed properly but not overdressed, and build her up by giving the most nutritious food, with an extra supply of milk between meals.

Possibly a Cancer

I have a sore that comes near the tip of nose, gets sore every two or three weeks and lasts three or four days then it doesn't hurt for awhile. There seems to be a little sore there but can't see it from the outside. I have noticed it for about six months. Do you think it is? A. C. M.

Such a sore should have careful attention at once. It may be the first stage of cancer. If taken early it can be eradicated.

Determining Parentage

Will you tell me thru your column if blood tests have been a success in establishing the parentage of a child born out of wedlock where there is doubt of its father, and how the law holds same? N. R. D.

Such a plan would be of no value whatever. No blood test can establish parentage.

Serum for Asthma

I have had asthma for about 10 years. I am taking asthma serum injections. I have 11 injections a week apart. I am lots better but have slight attacks but not any-

thing like I used to have. This time of year it generally leaves me entirely and comes back in hay fever time. B. M. S.

Asthma has been successfully treated by immunizing injections in some cases, but it is a failure very often. I believe the whole thing depends upon the care with which the doctor makes his tests to find out just what serum is needed. If he gets the right one the improvement will be sure but the patient may need repeated injections covering several months of treatment.

Mrs. A. C. S.:

Many pains ascribed to the heart are due to the nerves and vice versa. I cannot give advice as to the diagnosis of heart troubles by mail. The symptoms given by patients are often exaggerated or perhaps underestimated. Actual examination by a doctor who is on the ground is the only valuable method of information.

New Grain Marketing Plan

BY WILL BENNETT

Farmers from the larger farm organizations in all the grain growing states will be called into a National meeting probably about April 1 to consider the plan for a more stable and equitable system of marketing grain, which was announced by the Committee of Seventeen last week in Kansas City. The representation at the ratification meeting will be on the basis of one man to every 50 million bushels of grain produced in a state. A member from every state board of agriculture also will be named as a representative.

The Committee of Seventeen has appointed a sub-committee of seven, headed by Chairman C. H. Gustafson of Nebraska, to work out finished details of the new marketing system and to take it up with farmers' organizations in the grain-growing states. The sub-committee will submit the detailed plan to leading constitutional lawyers in the United States, to forestall possible hindrances.

The plan announced by the Committee of Seventeen last week in Kansas City, proposes a central selling agency to handle all grain for the member growers. This agency will receive grain thru local shipping associations or farmers' elevators. The selling agency will be a non-stock and non-profit sharing association. The local associations may follow any form of organization they wish. The grower, however, will contract to sell his surplus grain thru the local association and the selling agency for a period of five years. The selling agency is to be supported the first year by a membership fee from the growers. After that it is planned to make it self supporting.

The selling agency is to provide terminal elevator facilities. Local shipping associations will be organized where none now exist and where there is no farmers' elevator grain may be handled by contract thru local elevators that are not eligible to membership.

The plan also includes the organizing of a National Farmers' Finance Corporation, the stock of which will be held by grower members. This corporation will finance exports and help members to hold their grain when they do not wish to sell. It also proposes better warehousing facilities, so that when a farmer who needs money, but does not wish to sell his grain, may obtain money on the warehouse receipt for his grain.

At the Kansas City meeting of the Committee of Seventeen its members expressed the hope that the plan might be in operation in time to handle a part of the 1921 crops. This outcome, however, is considered doubtful.

More About Growing Cowpeas

Many farmers in Eastern Kansas will be interested in Farmers' Bulletin No. 1,153, Cowpeas, Utilization, which has just been issued by the United States Department of Agriculture, Washington, D. C. A copy may be obtained free on application.

Kansas soils need more humus.



An Egg in February Worth Two in May

Egg prices are still high—and will remain high until the usual spring lowering of prices. So help your hens lay NOW as steadily as they do in springtime—have lots of eggs to sell at winter prices. It's easy! Add

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One egg now is worth two in May. And Pratts Poultry Regulator surely coaxes the eggs along. Thousands of poultrymen have proved that during the 50 years this wonderful egg-tonic has been on the market. Test it on your flock. Do it now. The longer you delay, the more you lose. You risk nothing because—

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625 reels or more, per reel	68 lb. Reels	112 lb. Reels
100 reels or more, per reel	\$1.65	\$3.30
50 reels or more, per reel	1.70	3.40
25 reels or more, per reel	1.75	3.50
10 reels or more, per reel	1.80	3.60
Less than 10 reels, per reel	1.85	3.70

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Lot No. LX 104—This special lot contains quadruple galvanized coated barbed wire, galvanized after being made which means much to the life of the wire.

625 reels or more, per reel	68 lb. Reels	112 lb. Reels
100 reels or more, per reel	\$3.75	\$7.50
50 reels or more, per reel	3.85	7.70
25 reels or more, per reel	3.95	7.90
10 reels or more, per reel	4.05	8.10
Less than 10 reels, per reel	4.15	8.30

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Saves 300% in time, money and labor. Less than 1 gal. of oil heats 4 to 6 gallons. **2 Minutes Daily** is all that is required. Eggs turned semi-automatically, without removing or refilling tray. Children get same good results as experts with Soft-Heat.

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The Grain Market Report

BY JOHN W. SAMUELS

MUCH interest is attached by farmers to the Fordney Emergency Tariff bill as passed finally by the United States Senate despite the fact that there is a strong possibility of a veto by President Wilson. In its present form the bill provides the following import duties: Beans, 2 cents a pound; onions, 40 cents a pound; lemons, 2 cents a pound; butter and substitutes for butter, 8 cents a pound; cheese and its substitutes, 23 per cent ad valorem; fresh milk, 2 cents a gallon; condensed or preserved milk, 2 cents a pound; apples, 30 cents a bushel; cherries, 4 cents a pound; olives in solution, 25 cents a gallon; olives not in solution, 5 cents a pound; olives in bulk, 60 cents a gallon; potatoes, 25 cents a bushel; wheat, 40 cents a bushel.

Better Selling Methods Urged

Whether this bill or some similar measure is passed by Congress within the next 12 months it is evident that a better system of marketing farm products must be followed. At a recent meeting of the Farmers Grain Dealers' Association of Illinois in Chicago, Clifford Thorne, attorney for the American Farm Bureau Federation, said: "One of the greatest faults of marketing and any plan of co-operative marketing lies with the farmer's themselves. Their plan of sending 75 per cent of all their crops to market within a few months is faulty. Banks likewise are at fault for not providing proper financing, and storage facilities are inadequate. Grain should be sent to market more evenly, as the bulk of it now is being marketed when prices are lowest. There are three times as many bushels of grain sold in the wheat pit as are grown in the whole world and there are 51 times as many bushels of grain sold on the Chicago market as really come to that market."

Co-operation is Planned

Ten members of the executive committee of the National Wheat Growers' Association, at their recent meeting in Chicago, adopted a co-operative plan of selling wheat by which it is estimated that a saving of 50 cents a bushel can be made thru eliminating the middleman's profit. By this plan central receiving stations are to be established in every state where farmers can send their product and obtain receipts for the same. From these elevators the wheat is to be sold direct to the millers. Stations are to be established at all large seaports. All details of the marketing plans are to be handled by the association and none but experts are to be employed. That plan, according to W. H. McGreevy, secretary of the National Wheat Growers' Association, will dispense with at least two men in the handling of grain, the buyer and the broker, and in some instances a third and fourth man. "In the present emergency," said Mr. McGreevy, "the farmer is willing to assume his burden of the readjustment cost, but we feel that we are assuming too much when we sell wheat at \$1.40 a bushel that costs us from \$2.50 to \$2.75 a bushel to produce. We are losing more than \$1 a bushel on every bushel of wheat that we sell on that basis."

It is estimated that the percentage of marketable surplus wheat that has been sold by farmers varies on the following basis: Kansas 71, Oklahoma 78, Nebraska 70, South Dakota 80, Iowa 81, Missouri 83, Illinois 86, Indiana 87 and Ohio 69.

Cash Sales of Grain

Cash sales of wheat at Kansas City were fair and the demand also was fair. Hard wheat was quoted unchanged to 2 cents lower, dark hard was 2 cents lower and Red wheat also was from a cent to 2 cents lower. The following quotations are reported: No. 1 dark hard wheat, \$1.70 to \$1.73; No. 2 dark hard wheat, \$1.70 to \$1.73; No. 1 hard wheat, \$1.67 to \$1.69; No. 2 hard, \$1.68 to \$1.69; No. 1 Red wheat, \$1.80 to \$1.82; No. 2 Red, \$1.78 to \$1.80; No. 1 mixed, \$1.67 to \$1.72; No. 2 mixed, \$1.69.

Mixed corn was unchanged, while

White corn was half a cent higher and Yellow corn was down about a cent. Demand was fair and offerings were moderate. The following quotations were given: No. 2 White, 60 to 61c; No. 2 Yellow, 60½c to 61c; No. 2 mixed, 60c.

Other grains showed the following prices: No. 2 White oats, 45½; No. 2 mixed oats, 42c; No. 2 Red oats, 42c; No. 2 kafir, 95 to 97c; No. 2 milo, \$1.03 to \$1.05; No. 2 rye, \$1.42; No. 3 barley, 53 to 54c.

Millfeeds and Hay

Not much change was reported in the millfeed situation, and the following quotations are given: Bran in sacks, \$1.05; shorts, \$1.10 to \$1.15; corn chop in sacks, \$1.20 to \$1.25; linseed meal, \$35 a ton on Chicago basis.

The market for hay was fair and steady. Good grades of alfalfa sold well, but the lower grades of prairie hay were weak. Sales of prairie hay were from \$8.50 to \$13; alfalfa, \$8 to \$20.50, and timothy \$15.50 to \$19 a ton. Choice alfalfa was quoted at \$23 to \$24.50; standard alfalfa, \$14.50 to \$17.50; No. 1 prairie hay, \$12 to \$13; No. 1 timothy, \$18.50 to \$19; clover, No. 1, \$16 to \$17; packing hay, \$5 to \$5.50; straw, \$8 a ton.

The National Tractor Show

(Continued from Page 11.)

from California and had one elevated machine showing the tracks and motor in operation.

The Emerson Brantingham Company was on deck with something new in the tractor disk harrow line. This harrow has a clutch which throws the disks in or out by simply pulling a rope and the nice feature of this implement is that should the tractor become stuck in the mud while the disks are thrown in, the clutch may be thrown and the disks straightened up by means of a hand lever. Unlike most other power thrown disks the disks themselves afford the traction for operating the clutch.

The Oliver Plow Works of South Bend, Ind., in keeping with its progressive policies showed a line of plows adapted to tractor use which quite keeps pace with any new developments in the tractor field. Beside a splendid exhibit of plows and harrows, the Oliver Company had a very excellent display pertaining to soils and soil management.

It would be impossible to enumerate all of the splendid features of nearly 400 separate exhibits, but let every reader be assured that it was a wonderful show and well attended by farmers not only of Ohio but all surrounding states. Many came from long distances. The attendance was more than 10,000 a day despite several days of unpleasant weather.

Entertainment Features

A lecture program was held daily and such authorities as F. W. Ives and G. W. McCuen of Ohio State university, J. B. Davidson of Ames, Iowa, I. W. Dickerson of Charles City, Iowa, William Aitkenhead of Purdue university, spoke on various subjects of power farming and tractor economics.

A series of motion pictures bearing on the various phases of the tractor and its operation were shown every day and were very well attended.

The show was held on the Ohio State Fair Grounds in seven large buildings. These buildings were all connected by inclosed passageways and kept comfortable by huge furnaces in the buildings. Mr. Whaley, who managed the show, deserves a great deal of credit for the splendid arrangement of exhibits and the comfort of the crowds which attended. The people of Columbus entertained the visitors in a most hospitable way. There was no evidence of gouging on the part of hotels or restaurants and everyone who attended the show was able to leave Columbus with a friendly feeling for the town and its citizens. Columbus certainly deserves full credit for having done its share in making the show a success and it also deserves to have the honor of obtaining next year's show.

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The Livestock Markets

BY WALTER M. EVANS

KANSAS stockmen turned out in force to attend the annual convention of the Kansas Livestock association held in Salina on February 16 and 17. Fully 700 delegates were present and a very interesting program was given, but livestock problems of farmers and stockmen were given a large part of the attention of the principal speakers.

President James R. Plumb, of Emporia, urged an emergency tariff for the relief of the livestock men. He also recommended that stockmen and other farmers form an association to promote their mutual interests. The necessity of agriculture having representatives in Washington was also featured in his address.

J. H. Mercer, of Topeka, secretary of the Kansas Livestock association, said the stockman's products are now being sold at less than half the war prices while he pays double pre-war prices for transportation and other necessities. He recommended a livestock loan institution to relieve the livestock industry.

Urges Livestock Production

T. W. Tomlinson, secretary of the National Livestock association, urged the limitation of production on farms as the only means of making the prices stable again.

"Limitation of production is the only means of self preservation and protection which is left to the cattle men of Kansas," he said.

J. R. Koontz, of the Atchison, Topeka and Santa Fe Railroad, told of the operating costs of railroads, calling attention to the fact that the Atchison, Topeka and Santa Fe Railroad Company alone during the past December, spent all but 5 or 6 cents to the dollar of income for operating expenses, despite the high freight rates. He told the stockmen that the money they paid to the railroad should have been paid in units of one instead of in units of five or six.

"The railroads," Mr. Koontz said, "have been shell shocked for the past three years. Your problem is to cheapen the carrying charge and reduce the cost. But your organization is wrong at times, too. We should all do away with a lot of the bunc and approach a basis of common sense." Every stockman who attended the meeting in Salina learned something he has been wishing to know about cattle, freight rates, banking, farm loans and other matters of that kind.

Wool Growers Ask Protection

Kansas sheepmen are much interested in state and National legislation that will protect and foster their industry. Sheepmen in the United States call attention to the fact that our sheep population diminished 1,725,000 in 1919 and 2,017,000 in 1920. They also emphasize the fact that at the peak of war prices, the wool grower received only \$4.50 for enough choice virgin wool to make a good weight suit, while at present he gets only \$1.50 for enough good virgin wool to make a suit of just medium weight. Wool growers declare their interests could be safeguarded to some extent by the speedy passage of the French-Capper Truth in Fabrics bill. This bill does not provide that textile manufacturers shall use only virgin wool in clothing, but it simply requires that they shall stamp their cloth with its content of virgin wool and of shoddy, cotton or silk. Such labeling would tend to increase the demand for pure virgin wool cloth and thru that means would increase the price of wool to a sum that would assure sheepmen a living profit.

Some improvement in the livestock market at Kansas City was noted during the past week. Prices for fat cattle advanced 50 to 75 cents. Demand was active. Trade which was sluggish the previous week owing to Eastern congestion in beef circles, showed improvement and outlet channels have cleared again. An early advance in hogs was followed by an irregular decline later, and light weight hogs at the close were steady to 10 cents higher than a week ago, and heavies 10 to 15 cents lower. The top price today was \$9.40. Sheep

and lambs broke sharply and recovered about 50 cents of the loss.

Receipts for the week were 25,400 cattle, 3,350 calves, 55,000 hogs, and 39,500 sheep, compared with 25,300 cattle, 3,530 calves 66,300 hogs, and 34,700 sheep, compared with 32,400 cattle, 3,225 calves, 64,600 hogs, and 34,300 sheep a year ago.

Beef Cattle Prices Advance

Prices for fat cattle started the week strong to higher and the strength in the market continued with closing quotations showing a net gain of 50 to 75 cents. The activity in the trade was the most pronounced in several weeks past. A close clearance was effected each day. The top price was \$9.10, and bulk of the offerings sold at \$7.50 to \$8.75. No prime steers arrived. On the close they would have brought \$9.50 or better. The top price for cows was \$7.00 and bulk of sale \$5.25 to \$6.25. Heifers sold up to \$8.25, and mixed yearlings up to \$8.75. Veal calves were lower, at \$7 to \$10.50.

Demand for stock and feeding cattle improved with the advance in fat grades. Prices were up 25 to 50 cents. Receipts were small. The season is far enough advanced now so that the call for steers to turn on grass is increasing. Few pasture leases have been reported from the grazing areas.

Other Livestock Quotations

Hog prices rose 50 cents in the first two days of the week, but on Wednesday turned down again and at the end of the week the market showed an irregular price position. Compared with a week ago light weight hogs are slightly net higher and heavy hogs 10 to 15 cents lower. The top price \$9.40 was paid for medium weight hogs. No choice light weights offered. The bulk of the offerings sold at \$8.40 to \$9.25. Pigs remained firm, selling up to \$10. The action of the market in the past few weeks indicates that prices will remain in about the same position for the next two months. Shippers are taking practically all the light weight hogs offered.

Prices in the sheep division broke \$1 early in the week, and on Tuesday were the lowest since February 1914. At the close of the week 50 cents of the decline was regained. Fat lambs are quoted at \$6.50 to \$8.50, yearlings \$5.50 to \$7.00, wethers \$4.75 to \$5.50, and ewes \$3.50 to \$4.50.

Prices for horses and mules show no quotable change. Receipts continued moderate, and demand remained light for this season of the year.

Quotations at the close of the week showed a slight improvement in dairy and poultry products, eggs advanced 2 cents a dozen and creamery butter showed an advance of 1 cent a pound. The recent slump in the egg market that developed during the mild weather was counteracted by the cold stormy weather that followed at the end of the week. The egg supply was reduced and demand became more active.

The following prices for eggs and live poultry were reported: Eggs, firsts, 31 to 32c a dozen; seconds, 27 to 28c; selected case lots, 38 to 39c. Live poultry, hens, 24 to 25c; broilers, 36c; staggy young cocks and old roosters, 14c; springs, 30 to 32c; young roosters, 20c; turkey hens and young toms, 40c; old toms, 37c; ducks, 25c; geese, fat and full feathered, 15c; live pigeons, \$1 a dozen.

The following quotations on creamery products were reported: Butter, Creamery, extra fancy in cartons, 46c a pound; bulk butter 2 1/2 to 4c less; packing butter, 45c; butterfat, 41c; cheese, 15 to 25c according to grade and quality.

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BETTER plans for crops and better methods of marketing will be absolutely necessary this year if farmers are to have reasonable and fair profits for farm products. Diversified cropping and diversified farming will be given serious attention but these things in themselves will not be effective unless better methods of marketing are followed. Too large a proportion of every crop is rushed upon the market as soon as it is harvested. By such a plan the market is soon glutted and prices slump as a consequence.

The Committee of Seventeen that met recently at Kansas City discussed methods of remedying this situation. The plan evolved by its members provides a National Grain Marketing Association controlled by farmers who operate their own terminal elevators, have their own export and finance departments, and maintain branch sales agencies at the various terminal markets. This plan will provide for the marketing of grain by contracting with farmers' co-operative elevator companies, or local co-operative associations to be formed where local farmers' co-operative elevators do not exist. The growers in turn will contract with the local elevator companies to deliver all of their grain to these elevators.

A National Sales Agency

A National Sales agency comprised in this plan will provide the following things: First, terminal agencies to handle the grain for every natural grain district; second, warehouse corporations for storage facilities; third, a finance corporation to provide farmer controlled credit facilities so that the country elevator may finance the moving of grain in an orderly fashion; fourth, an export corporation for marketing the surplus in foreign countries; fifth, a service department covering features such as transportation, legal, statistical and others necessary to supply accurate information on local, regional, National and world-wide conditions which affect grain trade. This plan is the result of six months of study and investigation by 17 men representing those best fitted to do this work as selected from all of the different farmers' organizations. When the plan is finished it will be submitted to a convention of the various farmer organizations for their approval. In the meantime farmers everywhere are invited to send in any suggestions they may have to offer on the marketing of farm products. I shall be glad to have readers of the Kansas Farmer and Mail and Breeze send me any suggestions they may have as early as possible and I will see that such ideas are transmitted promptly to the Committee of Seventeen.

Decreased Prices for Crops

Prices for almost everything have declined greatly within the last month but farmers contend that the slump in prices for farm products has been entirely out of proportion with those on other articles. A recent report from the United States Department of Labor shows a decline for January of 6½ per cent in prices on 327 commodities. House furnishings dropped 18 per cent, building materials 10 per cent, farm products, food and clothing, 5½ per cent apiece; fuel, lighting materials, metals, chemicals, 3 per cent; miscellaneous commodities, 7½ per cent. Clothing prices in January were 36 per cent lower than those for January in 1920; cloths and clothing were 40 per cent lower and farm products more than 44 per cent lower in January this year than they were in January of last year. All commodities averaged 23½ per cent lower than for same date last year. This shows that farm products have declined 15½ per cent more than other articles and farmers say that this is outrageously unfair to them.

Kansas farmers thru their farmer organizations this year will make a determined effort to remedy some of the evils of the present system of marketing farm products. A call has just been issued for a meeting at Salina, Kan., on March 3 of representatives of farmer co-operative associations of Kansas and adjoining states to devise plans for organizing a terminal marketing association at Kansas City, Mo. Among the farm organizations joining in the call are the Kansas Farmers' Union, the Kansas Grain Dealers' association and the Kansas Equity Union Exchange. The

To Plan for Better Crops

Marketing Farm Products is a Big Problem

BY JOHN W. WILKINSON

National Wheat Growers Association also will probably take part in the meeting.

The increase in the world's crops makes it all the more imperative that the marketing situation receive early attention. The world's wheat crop for 1920 showed an increase of 100 million bushels and oats 563 million bushels more than that for 1919. According to the February report of the International Institute of Agriculture at Rome, the world's wheat crop for 1920 was 2,650,000,000 bushels as compared with 2,550,000,000 bushels in 1919. Oats yielded 3,366,000,000 bushels as compared with 2,803,000,000 bushels for 1919. Many other crops show increases and farmers now realize that something must be done immediately to protect their interests and to provide better marketing plans for American farm products.

Lease Contracts Important

This year tenants in making a new lease contract would do well to keep in mind the variations in the market price of farm products for last year and if possible a contract on the share rent basis should be made that will prove equitable and fair to both tenant and landowner. The same also is true when the rent is on a cash basis. March is usually the time for the making or renewal of leases. A great deal of valuable information will be found in Farmers' Bulletin 1164 about the various standard forms of leases now in general use and it may be had free upon request to the Secretary of the United States Department of Agriculture at Washington, D. C.

Crop conditions in Kansas in general continue satisfactory. Reports from Texas and Oklahoma during the warm weather of the previous week indicated that Kansas wheat might be menaced by an attack of the green bugs. Many wheat fields in Southern Oklahoma and Northern Texas were damaged considerably by these bugs, but the cold wave and snow that visited Oklahoma and North Texas last week put an end to this danger. No green bugs have been found in Kansas since 1907. The cold weather also checked the development of fruit buds and it is thought that no damage thus far has resulted to peaches, cherries, plums and apricots. Many Kansas farmers feel that they are justly entitled to a good fruit crop this year after the failures and small yields of so many fruits last year.

In the weekly report of the Kansas state board of agriculture for the week ending February 22, J. C. Mohler, secretary of the board says:

Spring Work Well Advanced

"The first part of the week was warm and clear but the wind blew very badly on Tuesday and Wednesday. The latter part of the week was much colder with cloudy weather and Southwestern Kansas received from 4 to 6 inches of snow, but no snow fell in Eastern, Central or North Central Kansas. On account of the loose condition of the soil in Central and some parts of Western Kansas, considerable drifting occurred during the past week. Some damage was done and because of the dry top soil fear is expressed by many county agents that if high winds occur before additional moisture is received much of the wheat will be blown to such an extent as to be a total loss. It is getting dry in Central and some parts of Western Kansas and rain or snow will be welcome.

"Much plowing was completed during the week just closed and oats are being planted in good condition, especially in Southern and Southeastern Kansas. Soil conditions in these sections are excellent. Wheat in all sections with the exception of the area where blowing occurred seems to be in very good condition with no indication of insects mentioned by reporters this week.

"Livestock markets are still poor and movement is slow. With the opening of the spring plowing the demand for horses is much greater which may favorably influence prices. On account of the large amount of corn on hand the demand for pigs seems to be

greater than the supply especially in Northern Kansas. Reporters suggest that because of the open winter and the ability of farmers to prepare the ground early, there will no doubt be a large acreage of oats and barley sown this year."

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

Brown—Farmers were plowing for oats but the cold weather stopped them. Wheat is excellent and grass is beginning to get green. Not much corn is going to market. Wheat is worth \$1.45; corn, 45c; cream, 35c, and oats are 40c; eggs, 25c; hens, 24c; cattle \$5 to \$5.50; hogs, \$8.50.—A. C. Dannenberg, February 19.

Cheyenne—We had ideal weather for three weeks, but this week it has been windy and colder. Wheat came thru the winter in excellent condition and has made considerable growth recently. A considerable amount of wheat is being marketed. Public sales are almost a daily occurrence and everything sells better than it did last fall. Farmers are preparing for spring work. Wheat is worth \$1.35; corn from 30c to 50c; barley, 35c, and eggs are 20c; fat hens, 20c.—F. M. Hurlock, February 18.

Cowley—We are having real spring weather with high winds which are causing some real estate to shift from one farm to another. Farmers are preparing ground for oats and a few are sowing. There is plenty of moisture and fall wheat looks excellent. There will be more alfalfa sown than usual and some Sweet clover is being sown. Stock is in good condition. Prices at the Farmers' Union are: Wheat, \$1.55; corn, 45c; kafir, 25c; butter, 40c; butterfat, 33c; whole milk 20c a gallon and oats are 35c; eggs, 23c; hens, 25c.—L. Thurber, February 17.

Doniphan—We have had several days of warm weather but it is colder at present. Wheat is excellent. A number of public sales are being held and prices are better than they were. Farmers are preparing for spring work. Corn is worth 40c; wheat, \$1.70; cream, 40c, and hogs are \$9.50; potatoes, \$1.50.—B. B. Ellis, February 11.

Ellis—The weather the past week has been slightly colder but it is dry and the ground is in good condition for spring plowing. A number of farmers are plowing. Feed is plentiful and cattle are in good condition. There is enough corn for the local demand. Stockmen are considering \$6 a head for the Flint hill pastures, but very few pastures are contracted yet. Farm wages are still high on account of the oil fields being opened up in the county. Corn is worth 50c; oats, 40c; seed potatoes, \$1.75; kafir, 40c; flour, \$2.85; bran, \$1.40.—D. W. Lockhart, February 19.

Ellis—We had two of the worst dust storms February 15 and 16 that we have had for many years and several thousand acres of wheat was damaged considerably, and unless moisture comes soon it will be a total loss. A few farmers are running low on feed. Stock is not doing very well. Farmers are discouraged over the prospects for the next crop. Wheat is worth \$1.50; corn, 60c; butterfat, 35c and eggs are 25c.—C. F. Erbert, February 19.

Gray—We had a 3-inch snow on February 18 which was the most we have had this winter. Wheat is excellent, except a few fields which have blown some. There is plenty of moisture in the ground. A number of farmers are preparing the ground for spring crops. Nearly all of the kafir and other seeds have been threshed but very little has been sold. Feed is plentiful and stock is in good condition. There is very little sale for rough feed. Several public sales are advertised but not many have been held since November 1. Wheat is worth \$1.45; corn, 43c; kafir, 60c; cream, 34c; barley, 40c to 45c and eggs are 22c.—A. E. Alexander, February 18.

Greenwood—February has been a very warm, wind, month. Wheat is excellent. Feed is plentiful and stock is in good condition. Farmers are plowing and preparing ground for oats. About the usual amount of crops will be put in this year as this is a stock country and we need the feed. Wheat is worth \$1.50; butter, 35c to 40c and eggs are 23c.—John H. Fox, February 18.

Haskell—We had warm weather the first part of this week which made one think of spring. On Tuesday we had high winds which caused some fields to blow and wheat was damaged considerably. February 18 we had a 6-inch snow without much wind which will benefit the wheat and put the soil in good condition for spring work. Oats seeding will begin as soon as farmers can get in the fields.—H. E. Tegarden, February 19.

Harvey—We have been having warm weather but it is colder now. Wheat is excellent. Horses and feed are selling at very low prices at public sales. Wheat is worth \$1.50; butter, 40c, and potatoes are from \$1.25 to \$1.75; apples, \$2 to \$3; eggs, 27c.—H. W. Prouty, February 18.

Jewell—We have been having warm, spring like weather the past two weeks. Farmers are plowing and disking for oats. Wheat is excellent. The prices of farm crops are still very unsatisfactory and we are all anxiously waiting for the report of the Committee of Seventeen. Livestock is in good condition but brings very low prices at sales. Wheat sells for \$1.40; corn, 45c; cream, 32c and oats are 20c; eggs, 20c; hogs, \$7.50.—U. S. Godding, February 18.

Linn—We have been having cold, stormy weather the past week. Farmers are plowing. A large acreage of oats will be sown. A number of sales are being held but prices are very unsatisfactory. Some stock has been shipped recently. An extra good oil well was brought in recently. One man has 11 oil wells on his place and most of them are good ones. There are two pipe lines from the oil fields and there is talk of another one. Horses are worth from \$60 to \$100, cows, \$50 to \$75, hogs, \$8.—J. W. Cline-smith, February 18.

Marshall—The wheat is apparently in good condition yet altho we have had considerable thawing and freezing weather. A considerable amount of wheat and corn is going to market. Prices are very low. Cattle

feeders have lost heavily on their feeding operations. Wheat is worth \$1.50; corn, 45c; millet, 45c; flour, \$2.50; and eggs are 25c; hens, 23c.—C. A. Kjelberg, February 19.

Meade—We had a 5-inch snow on February 19 and it was 4 degrees above zero the next morning. We have been having a considerable amount of wind. Wheat is excellent. Some plowing has been done for feed and barley. Not many cattle are on feed. Stock is in good condition. A few farmers are moving.—W. A. Harvey, February 19.

Miami—A temperature of 20 degrees seems cold after summer heat. Wheat is excellent. Livestock is in good condition. Butterfat is worth 39c; wheat, \$1.65, and eggs are 20c; potatoes, 90c.—F. J. Haebele, February 20.

Nemaha—We are having March weather. The frost is all out of the ground and there is no freezing at night. Roads are in good condition. Feed is plentiful and stock is in good condition. Wheat looks better than it has for several years but it cannot be pastured as the ground is too soft. Wheat is worth \$1.50; cream, 35c; corn, 45c, and hogs are \$8.40.—A. M. McCord, February 19.

Pottawatomie—The high winds the past week did not damage the wheat any as we have plenty of moisture in the soil. A few farmers are plowing for oats. Feed is still plentiful. A number of farm sales are being held and machinery sells well and mules bring a fair price. Cows bring \$50, butter, 40c; wheat, \$1.60; bran, \$1.40, and eggs are 28c; hogs, \$8.30.—F. E. Austin, February 21.

Reno—We are having spring weather and pastures are getting green but the wheat doesn't look very good as we have had considerable wind. The sand is drifting considerably and farmers are hauling straw in order to save some of the wheat. Corn is all husked, but not much of it will be sold this spring. Wheat is worth \$1.60; corn, 50c.—D. Englehart, February 18.

Riley—We have had a few days of high wind the past week but no damage was done to the wheat fields. A number of public sales are being held and livestock and implements bring a fair price. No field work has been done. About the usual acreage of oats and corn will be planted. Wheat brings \$1.50, and eggs are 22c.—P. O. Hawkinson, February 18.

Rooks—We have been having very windy weather and considerable damage was done to the growing wheat. Some estimate the damage at 25 per cent. A number of farmers are plowing for oats. Feed is plentiful; wheat, \$1.25; butterfat, 33c and hogs are 35c; eggs, 21c.—C. O. Thomas, February 18.

Smith—A few days of wind were hard on some wheat fields but most of them are in good condition. A number of public sales are being held but everything is rather slow. Cows are selling a little better lately and machinery and household goods bring good prices. A number of wolf hunts are being held and about two usually are killed. The women are beginning to set incubators and many are setting hens. The membership drive for the Farm Bureau is in progress. Butterfat brings 41c; wheat, \$1.45; corn 41c, and eggs are 23c; mules, \$110.—E. D. Pantner, February 19.

Stafford—During the past week we have had warm, spring-like weather. Wheat is excellent. Stock is on wheat and stalk field pasturage. The public sale season is just opening. Corn and wheat markets remain about stationary. Wheat is worth \$1.50, corn, from 47c to 50c.—S. E. Veatch, February 19.

Thomas—The frost is nearly all out of the ground and it is in good condition. Wheat is getting green. Some wheat is going to market. A few public sales are being held. Stock is in good condition. Feed is plentiful. Butterfat is worth 38c; corn, 35c; barley, 25c, and eggs are 25c.—C. C. Cole, February 15.

Trego—We are having warm weather. On February 15 we had a severe dust storm and some wheat was damaged by the wind. Some wheat is being marketed. Wheat is worth \$1.50; corn, 65c and eggs are 25c.—C. C. Cross, February 15.

Washington—We are still having pleasant, open weather and no snow. Some spring plowing has been done and a few farmers are disking for oats. A public sale is being held every day and fair prices are received for good implements and choice milk cows, but horses are slow sellers. Choice alfalfa hay brings \$15; corn, 60c; butterfat, 35c, and eggs are 24c; potatoes, \$1.25.—Ralph B. Cole, February 18.

The Farmers' Income Tax

The difficulties encountered in making out your farm Income Tax Return to the Government, is in not knowing just what is income and what are proper items of deduction. "The Farmer and the Income Tax" is a book containing the Income Tax Law and, also, contains questions and answers arranged by an Income Tax Expert, who analyzed the statements and made out the Income Tax Returns for more than 3,500 farmers.

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Lice are a great annoyance to sitting turkey hens and are one of the worst enemies of young poults. To prevent their getting a foothold, the hen should be dusted thoroly with some good lice powder before she is placed on the nest, and then both the hen and nest should be similarly treated once a week for the first three weeks of the incubation period. The nesting material should be kept clean, and if the eggs become dirty they should be washed with a soft cloth dipped in lukewarm water. Just before the poults are to hatch, the old nesting material should be replaced with clean straw.

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WE PAY \$200 MONTHLY SALARY AND furnish rig and expenses to introduce guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

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WANTED—COMPETENT MARRIED MAN immediately for general farm work. Ora Hinks, Menden, Kan.

WANTED—SINGLE WHITE MAN FOR general farm work and to assist with milking. State age, wages expected and give reference. Steady job. C. H. Browne, Lakin, Kan.

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INVENTORS WRITE FOR OUR ILLUSTRATED book and evidence of conception patent. 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.

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BRIDGE POSTS IN CAR LOTS. W. O. Johnson, Cherryvale, Kan.

TYPEWRITER—GOOD AS NEW. CHEAP. Fred Tucker, Byron, Okla.

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MISCELLANEOUS

ITALIAN BEES, \$12 COLONY, 280 EGG strain S. C. Red eggs, 15, \$2.50; 100, \$12. Miss Lulu Goodwin, Mankato, Minn.

KODAK FINISHING, ALWAYS RELIABLE. One roll developed and six beautiful velvety prints, 40c. Our prints chemically tested and guaranteed permanent. Chas. S. Wells, Hiawatha, Kan.

DANDRUFF, CLEAR THE SCALP, REMOVING dandruff completely, lastingly. Accelerate new hair growth. Use Kotalko. Obtain at druggists or mail 10 cents for proof box. Kotalko Offices, BA-1106, Station X, New York.

STRAYED

TAKEN UP BY JOHN HORACEK OF RUSH Center, Rush county, Kansas, on the 17th day of January, 1921, one black hog, white feet and star in forehead. Appraised value \$20. Geo. C. Weber, County Clerk, La Crosse, Kan.

TAKEN UP BY J. W. FLORENCE, CHERRY township, Montgomery county, State of Kansas. One (1) red dehorned milk cow, white on tip end of tail, weight about nine hundred pounds (900 lbs.) and about eight years old. Taken up January 24, 1921. Appraised value, forty dollars (\$40.00).

BEEKEEPING

BEE SUPPLIES, PARTIES BUYING BEE supplies (Beeware brand) may secure 15% discount from Dada's catalog prices by ordering through purchasing agent Kansas Beekeepers' Association. Catalog on request. George Pratt, Route 2, Topeka, Kan.

POULTRY

POULTRY WANTED

PREMIUM POULTRY PRODUCTS COMPANY, 210 North Kansas Ave., Topeka, buys poultry and eggs on a graded basis. Capons wanted. Prices good. Premium prices paid for select eggs and poultry.

ANDALUSIANS

PURE BLUE ANDALUSIAN COCKERELS, \$2 each. Ella Briscoe, Lincoln, Kan.

CAMPINES.

PURE BRED SILVER CAMPINE COCKERELS, \$5 each. Martha Ebel, Wamego, Kan.

COCHINS

RUFF COCHINS EXCLUSIVELY. A. Bloom, Stanford, Neb.

ANCONAS.

ANCONA CHICKS, EGGS GUARANTEED. Reasonable. Write Brewers Hatchery, Minneapolis, Kan.

ANCONA EGGS, \$2.50 SETTING. PEN headed by Sheppard cockerel. Mrs. Carl Modine, McPherson, Kan.

SHEPPARD STRAIN ANCONAS, COCKERELS, pullets, eggs, in season. Good layers. Good markings. Wm. A. Hilton, Loveland, Colo.

S. C. ANCONA'S SHEPPARD STRAIN DIRECT. Prize winners, heavy layers, hatching eggs. Ask for mating list. C. C. White, Seneca, Kansas.

SHEPPARD'S STRAIN ANCONAS. THE winter egg case fillers. Eggs and cockerels. Write for folder. Mrs. Bessie Buchele, Cedarvale, Kan.

LITERATURE FREE TELLS WHY I QUIT other breeds. Cockerels, \$2.50, \$5. Book egg orders early, get them just when you want them. Page's Farm, Salina, Kan.

ORCHARD HOME S. C. ANCONAS—EGGS—ordinary winter layers, hardy farm range flock. Hatching eggs, 15 for \$2.00; 50 for \$8.00; 100 for \$10.00. Postage prepaid. Liberal hatch guarantee. Frank Pyle, Route 3, Osawatimie, Kansas.

BANTAMS

FOR SALE—PURE BRED BUFF COCHIN bantam eggs, \$1 per setting 12. Doris Woodside, Morrison, Okla.

BUFF COCHIN BANTAMS, WINNERS AT State Show, \$5.00 to \$10.00 pair. Eggs, 15 cents each. F. C. Spurrier, Box 69, Topeka, Kan.

BRAHMAS

BIG LIGHT BRAHMA COCKERELS. Prices right for quality. J. W. Schreiber, Sibley, Ia.

LIGHT BRAHMA COCKS AND COCKERELS, also eggs. Mrs. Harry Hayman, Formosa, Kan.

STANDARD BRED LIGHT BRAHMA Cockerels, \$2-\$3; Pullets, \$1.50. Cora Lilly, Westphalia, Kansas.

SIZE AND QUALITY LIGHT BRAHMA cockerels, \$3 to \$5 each. Eggs, \$2.00 for 15; \$10.00 per 100. C. S. Holtzinger, Ellis, Kan.

BABY CHICKS

PURE WHITE WYANDOTTE BABY chicks, \$18 100. Della Wood, Milan, Kan.

SINGLE COMB WHITE LEGHORN chicks, 15c each. Anna Hege, Sedgwick, Kan.

DAY OLD CHICKS AND EGGS FOR SALE. White Wyandotte Hatchery, White City, Kansas.

STRONG VIGOROUS BABY CHICKS. Prices reasonable. Young's Hatchery, Wakefield, Kan.

EGGS, CHICKS, FINE STOCK, REDS, Rocks, Orpingtons. Quality Poultry Co., Emporia, Kansas.

PURE BRED ROSE COMB CHICKS, 18c. Eggs from winter layers, \$6-100. Clyde Shelbarger, Lebo, Kan.

CHICKS, RINGLET ROCKS, MARCH TILL. May delivery guaranteed, \$18 100 eggs. Mary Wilson, Melvern, Kan.

BIG, HUSKY CHICKS THAT LIVE AND grow. Ten pure bred breeds. Catalog free. Claude Post, Mound City, Kan.

ROSE COMB RHODE ISLAND WHITE Baby Chicks, 20c each. Eggs, \$7.50, 100. Mrs. Loyd Kimball, Manchester, Kan.

BABY CHICKS—PEDIGREED ENGLISH Leghorns, 250, 290 egg line. Bellevue Poultry Ranch, Box 5, Littleton, Colo.

BABY CHICKS—PURE BRED ROSE COMB, Reds, Single Comb White Leghorns. Range flock. Mrs. Fred Weaver, Herington, Kan.

YESTERLAD'S SINGLE COMB WHITE Leghorn eggs, \$7.00, 100. Chicks, \$17-100. Mrs. Hayes Showman, Sabetha, Kan.

PURE BRED WHITE LANGSHANS, EGGS, \$7.00-103. Baby Chicks from now till May 15, 20c. Rose Wright, Sterling, Kan., Route 3.

SINGLE COMB WHITE LEGHORNS, Frantz strain direct., Eggs, \$6 100. Chicks, 1c each. Order early. P. B. Way, Canton, Kan.

BABY CHICKS—PURE BRED. SIX LEADING varieties. Satisfaction guaranteed. Get our catalog. Loup Valley Hatchery, Box 44, Cushing, Neb.

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BABY CHICKS—SINGLE COMB WHITE Leghorns. Guaranteed live delivery. Postpaid \$16 per hundred. Duckwall's Hatchery, Abilene, Kan.

BABY CHICKS—ELEVEN VARIETIES, produced from pure bred high producing stock, catalog free. Monarch Poultry Farms, Box B, Mountain Grove, Mo.

IMPORTED ENGLISH S. C. W. LEGHORNS. Trapnest bred-to-record 300 eggs, chicks, eggs. Formerly of Melvern, Kansas. George Patterson, Richland, Kansas.

20% DISCOUNT ALLOWED ON CASH orders for Buff Orpington chicks and eggs received before March 1st. Price list free. Leo Anderson Juniors, Neb.

BABY CHICKS AND EGGS, S. C. WHITE and Brown Leghorns, Barred Rocks, Golden Sebright Bantams. Riverside Poultry Farm and Hatchery, Blackwell, Okla.

BABY CHICKS, EGGS—PURE BRED. Selected winter layers. Leghorns, Rocks, Reds, Orpingtons, Anconas. Postpaid. Reasonable prices. Interesting catalog free. Booth Poultry Farms, Clinton, Mo.

BABY CHICKS, EIGHT IMPROVED VARIETIES at lowest possible price. A trial order will convince you of their superior quality. Catalog free. Ohio Poultry Yards & Hatchery, Marion, Ohio.

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BABY CHICKS—EGGS. PURE BRED. Leghorns, Rocks, Reds, Orpingtons, Wyandottes; best laying strains; postpaid; reasonable prices; catalog free. Missouri Poultry Farms, Columbia, Missouri.

FOR SALE—BABY CHICKS, PURE BRED. Leading varieties. \$13 per 100 up. Postage Paid. Safe Delivery guaranteed. Eggs \$9 per 100. Catalog free. Siemens Standard Hatchery, Box A351, Hastings, Neb.

BABY CHICKS.

YOUNKIN'S BABY CHICKS—BUFF ORPINGTONS, White Rocks, 20c; Barred Rocks, Brown and Buff Leghorns, 18c; White Leghorns, 17c; 50 postpaid; live delivery. Younklin's Hatchery, Wakefield, Kansas.

BABY CHICKS, STRONG VIGOROUS. White, Brown Leghorns, 17c; Buff Orpingtons, Barred Rocks, Buff Leghorns, Reds, 18c. Immediate, live delivery, prepaid. Ross Hatchery, Junction City, Kan.

HEALTHY CHICKS FROM ELECTRIC INCUBATORS. Langshans, Buff, White, Barred Rocks, 20c; Brown, White Leghorns and broiler stock, 18c; Leftovers, 15c. Fancy quality, 25c. Prepaid. Live arrival. Edward Steinhoff, Leon, Kan.

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BABY CHICKS, ROCKS, REDS, WYANDOTTES, Orpingtons, Minors, Anconas and Leghorns. Standard bred. 25 chicks, \$7.50; 50 for \$14.00; 100 for \$27.00; 500 for \$125.00; 1,000 for \$240. 25 per cent with order. Live Delivery guaranteed. Allums Chick Hatchery, Box B502, Wichita, Kan.

HIGH GRADE BRED-TO-LAY BABY chicks. Nine leading varieties. No time to improve the farm poultry by securing scientifically bred to lay chicks, and increase your poultry profits. Write for catalog and see what our satisfied customers have to say. Huber's Reliable Hatchery, Dept. B, Hiawatha, Kan.

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MAMMOTH PEKIN DRAKES, \$2.50. Zelma Sigle, Lucas, Kansas.

MAMMOTH PEKIN DRAKES, \$2.50. H. G. Huckstadt, Garden City, Kan.

PAWN AND WHITE INDIAN RUNNER drakes, \$2.50. C. E. Romary, Olivet, Kan.

EGGS.

S. C. RED EGGS, SUPER QUALITY LINE bred. L. F. Cyr, Clyde, Kan.

ANCONA EGGS, 48 OR MORE, \$6.50 100. James Sumey, Chapman, Kan.

BUFF ROCK EGGS, \$6.50 PER HUNDRED. Fred Johnson, Walton, Kansas.

SINGLE COMB RED EGGS, \$6.00 HUNDRED. Fred Clark, Moline, Kan.

WHITE WYANDOTTE EGGS, \$7. FARM flock. Mrs. Iven Collins, Fontana, Kan.

PURE BRED BUFF LEGHORN EGGS, SIX dollars hundred. Lula Roberts, Paola, Kan.

COLUMBIAN WYANDOTTE EGGS, \$2 PER 15. Postpaid. Orvel Sharits, Newton, Kan.

PURE BRED WHITE LANGSHAN EGGS, \$7-100. Orlett Lovelace, Concordia, Kan.

SINGLE COMB WHITE MINORCA EGGS, \$6 50; \$10 100. Mrs. C. Gamble, Earleton, Kan.

BLUE ANDALUSIAN EGGS, \$2 PER SETTING. Mrs. Chas. C. Miller, White City, Kan.

EGGS FROM LARGE BONED DARK S. C. Reds, \$7 100. Lelah Works, Humboldt, Kan.

PURE BUFF ROCK EGGS, \$1.50 15; \$7 105; also chicks, \$13 100. Della Wood, Milan, Kan.

PURE DARK R. C. R. I. RED EGGS, \$2 15; \$3 100, postpaid. Elva Acheson, Palco, Kan.

ROSE COMB RHODE ISLAND RED EGGS, \$1.50 per setting. Leslie Manz, Junction City, Kan.

LAYING STRAIN BARRED ROCKS. Selected eggs, 15, \$1.50; 100, \$7. P. J. Ernst, Paola, Kan.

S. C. WHITE LEGHORN EGGS FOR hatching, \$8.00 100. Earl West, Manhattan, Kansas.

WHITE WYANDOTTE EGGS, \$1.50 FOR 15; \$7 for 100. Mrs. Floyd Young, R. 6, Wichita, Kan.

PURE BARRED ROCK EGGS, \$2.25 FOR 15, \$4 for 30. Mrs. Chas. Root, Route 2, Longton, Kan.

PURE BRED ROSE COMB BROWN LEGHORN eggs, 100, \$6. Mrs. Art Johnston, Concordia, Kan.

GOLDEN WYANDOTTE EGGS FOR hatching, 9 cents each. Gilbert Clarksene, Miltonvale, Kan.

PURE ANDALUSIAN EGGS FOR HATCHING, \$9 per hundred; \$2 for 15. Mrs. C. W. Parks, Eureka, Kan.

SINGLE COMB REDS, FARM, \$7 100; \$1.75 15. Pen, \$12 100; \$3 15. Orpha Bowser, Bonner Springs, Kan.

GOLDEN BUFF LEGHORNS SINGLE Comb extra layers. Eggs, 100, \$6. Ella Beatty, Lyndon, Kan.

BLUE ANDALUSIAN EGGS FOR HATCHING, \$2.00 per 15; 100 for \$8.00. H. L. Rogers, Colwich, Kan.

BARRED ROCK EGGS, UTILITY, \$7 PER 100; \$4 per 50; \$1.50 per 15. C. C. Lindamood, Walton, Kansas.

SINGLE COMB BUFF LEGHORN EGGS, \$5 per hundred from choice flock, Will Lamberton, Ada, Kan.

PURE BRED SINGLE COMB ANCONA eggs, good laying strain, \$7 per 100. H. D. Unruh, Goessel, Kan.

EGGS FROM WELL MARKED STANDARD bred Barred Rock hens and Aristocrat cockerels, direct from Holterman's Setting, \$2.50; 100, \$12.50. Hills and Wills, Lewis, Kan.

EGGS.

PLYMOUTH ROCK EGGS, HANDSOME narrow barred, yellow legged, show winning strain, \$2 15; \$12 100. Mrs. M. M. Shearer, Frankfort, Kan.

PURE BRED SINGLE COMB BUFF LEGHORN eggs, Heasley strain, \$6 100. Will McKissick, Mineola, Kan.

WHITE WYANDOTTE EGGS, PURE BRED Rose Comb Fishel strain, \$2.25 per 15. George Dame, Longton, Kan.

S. C. W. LEGHORN EGGS YOUNG BARRON strain, free range, Hoganized \$8.00 per 100. Fred Buck, Coats, Kan.

PURE BRED S. C. BUFF LEGHORNS, great layers. Eggs 100, \$6. Chicks, 16c. Herbert Rhodes, Clifton, Kan.

WHITE ORPINGTON EGGS, EGGS, KEL-lerstrass \$30 matings, \$5.25 per 100. Thelma Zook, Columbus, Kan.

ROSE COMB WHITE WYANDOTTE EGGS, \$6.00 per hundred, \$1.50 per setting. Mrs. Otha Strahl, White City, Kan.

ROSE COMB BROWN LEGHORN EGGS. Kulp Winter Layers, \$7.00 per hundred. Mrs. Ethel Wagner, Kinsley, Kan.

PURE BRED WHITE LANGSHAN EGGS, \$1.50 setting and \$8 hundred. Book orders early. James Dimitt, Lyons, Kan.

PURE BRED ROSE COMB RED EGGS, from good laying strain, 100—\$7.00, 30—\$3.00. Earle Bryan, Emporia, Kansas.

PURE BRED BUFF LEGHORN EGGS. Heavy laying strain, \$1.50 setting; \$7 100. Mrs. S. C. Whitcraft, R. 3, Holton, Kan.

S. C. BUFF ORPINGTON EGGS FROM excellent layers, \$3 per 25, postpaid; fertility guaranteed. R. D. Wyckoff, Luray, Kan.

PURE BRED ROSE COMB RED EGGS, \$2.00 for 15; \$10.00 per 100. From prize winning stock. C. S. Holtzinger, Ellis, Kan.

WHITE WYANDOTTE EGGS, LAYING strain, \$7.00 per hundred. Order from this ad. Mrs. Gertrude Kligenberg, Gridley, Kan.

IMPERIAL RINGLET BARRED ROCK. Exhibition and utility hatching eggs. Ask for mating list. C. C. White, Seneca, Kan.

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STANDARD BRED WHITE LANGSHANS. Eggs in season, \$2.50 per 15, 30 for \$4. Mrs. Floyd Louderbaugh, Route 3, Lincoln, Kan.

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EGGS—GENUINE "RINGLET" BARRED Rock, \$3 thirty and 100 hundred. "Gold-bank" Mammoth Bronze turkeys, \$8 ten. Mrs. Iver Christenson, R. 1, Jamestown, Kan.

WHITE WYANDOTTE EGGS, 15, \$2; 100, \$10 prepaid. Barrons and Stephens strains. World's greatest layers. Guarantee 60 per cent hatch. H. A. Dressler, Lebo, Kansas.

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PURE SILVER SPANGLED HAMBURG cockerels, \$2. Mrs. Ben Hitchens, Burlington, Kan.

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PURE SINGLE COMB BROWN LEGHORN cockerels. Will Walton, Newton, Kan.

SINGLE COMB WHITE LEGHORNS, EGGS, \$5 hundred. Daisy Tuttle, Rose, Kan.

CHOICE SINGLE COMB WHITE LEGHORN cockerels, \$2. Lawrence Diebolt, Iola, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$2, \$2.50. John Linke, Geneseo, Kan.

SINGLE COMB WHITE LEGHORN HENS, pullets, \$2. Sarah E. Rollins, Gretna, Kan.

BARRON'S S. C. WHITE LEGHORN cockerels, \$2.00. Charles Sigle, Lucas, Kan.

S. C. BUFF LEGHORN COCKERELS, \$2 each. Eggs, \$6. Walter Axtell, Axtell, Kan.

PURE S. C. BROWN LEGHORN EGGS, \$7 per hundred. Mrs. Bert Hennigh, Sabetha, Kan.

PURE BUFF LEGHORN COCKERELS, \$1.75 each. Wallace Thompson, Quenemo, Kansas.

LEGHORNS.

L. D. GOOCH, HUGOTON, KAN., WILL sell R. Comb Brown Leghorn—cockerels, \$1.50 up.

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ROSE COMB BROWN LEGHORN COCKERELS, \$2. Eggs in season. M. E. Hoskins, Fowler, Kan.

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S. C. W. LEGHORN EGGS, \$6 HUNDRED, one dollar 15. M. Burton, R. 4, Bx 71, Haddam, Kan.

S. C. WHITE LEGHORN EGGS, \$8 100. Barron strain. Winter layers. Lee Bonnet, Sterling, Kan.

ROSE COMB BROWN LEGHORN EGGS. Fine laying stock, \$6 per 100. Mrs. John Butts, Goff, Kan.

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PURE ROSE COMB BROWN LEGHORN cockerels, \$2 each. Eggs in season. Albert Stahl, Louisburg, Kan.

PURE BARRON STRAIN SINGLE COMB White Leghorn, cockerels, \$2. A. H. Hartke, Lost Springs, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS, \$2 each. Satisfaction guaranteed. C. C. Phillips, Tescott, Kan.

SINGLE COMB BUFF LEGHORN EGGS, B 100. Baby chicks, \$20 100. Norma Graham, Route 1, Florence, Kan.

SINGLE COMB WHITE LEGHORNS, \$2 Barron cocks, \$6; cockerels, \$2. Eggs, \$3. Ora Vawter, Seibert, Colo.

SINGLE COMB BUFF LEGHORN EGGS, Wilson strain, \$1 setting; \$6 hundred. Mrs. R. DeLair, Wakefield, Kan.

SINGLE COMB WHITE LEGHORNS, EGGS and chicks. Catalog free. Lakeside Poultry Farm, Box 68M, Buhler, Kan.

A FEW CHOICE S. C. W. LEGHORN cockerels, Frantz strain, direct, \$3 each. Earle Fuller, Mound Valley, Kan.

ENGLISH WHITE LEGHORNS FROM imported Barron laying strain. Eggs, \$8. Chicks, \$20. C. H. Ralston, Udall, Kan.

FISHER'S S. C. WHITE LEGHORNS, FAMOUS layers. Chicks, \$16. Eggs, \$6 per hundred. Fishersdale Farms, Wilson, Kan.

S. C. WHITE LEGHORNS. THEY LAY and pay. Write for prices. Eggs for hatching. Ross Fruit Farm, Durant, Okla.

CHOICE SINGLE COMB DARK BROWN Leghorns. Heavy winter layers. Eggs \$8 per 100. Mrs. Bert Cordry, Fairbury, Neb.

PURE ROSE COMB BROWN LEGHORN cockerels with long rose combs. Yellow shanks. Well marked. C. H. Lessor, Lincoln, Kan.

PURE BRED SINGLE COMB WHITE LEGHORNS, excellent laying strain. Eggs, \$7 setting; \$7 hundred. Lloyd Ringland, Sedgwick, Kan.

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SINGLE COMB BROWN LEGHORN EGGS. Professionally culled. Orders promptly filled. 15, \$1.30; 100, \$8 prepaid. Easter Bros., Abilene, Kan.

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DARK STRAIN SINGLE COMB BROWN Leghorns. Farm flock; heavy layers. Eggs, 6c. Baby chicks, 15c. Mrs. G. M. Jennings, Melvern, Kan.

BARRON STRAIN SINGLE COMB WHITE Leghorns. Eggs, 100, \$5, local; shipped \$7. A. F. Vossman, Delphos, Kan.

YESTERLAD'S SINGLE COMB WHITE Leghorns. Chicks, \$17 hundred; eggs, \$7 hundred. Mrs. Earl Hennigh, Sabetha, Kan.

WHITE LEGHORNS, FERRIS 265 TO 300 egg strain. Eggs, \$7.00 hundred. Baby Chicks, \$18.00 hundred. Claude Hamilton, Garnett, Kan.

BARRON ENGLISH SINGLE COMB WHITE Leghorn baby chicks, \$17 per 100, \$2.25 per 100 postpaid. Elizabeth Green, R. 1, Concordia, Kan.

PURE SINGLE COMB BROWN LEGHORNS. Professionally culled, heavy layers. Chicks, Eggs, \$7 hundred. Enos Threlkett, Scottsville, Kan.

282-287 EGG LINE BARRONS, SINGLE Comb White Leghorns. "Hogan tested" cockerels, \$5. Eggs, \$3 100. Circulars. Joseph Creitz, Beloit, Kan.

SINGLE COMB WHITE LEGHORNS. Extra heavy layers, winners of blue ribbons at two large shows. Eggs and baby chicks, N. S. Rhodes, McPherson, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS, \$2 to \$5. Bred for winter layers and do it. Satisfaction guaranteed or money refunded. Redview Poultry Farm, Hays, Kan.

WE BUY OUR SINGLE COMB WHITE Leghorns direct from importer. Tom Rogers, 273 egg strain. Hundred fine cockerels, \$3; 3 for \$7. Eggs, Grant Miller, Madison, Kan.

PURE SINGLE COMB BROWN LEGHORN eggs, \$7 (seven dollars) per 100 postpaid. Range flock bred to high egg producing cockerels. Mrs. Nell Wilcoxen, R. 1, Ford, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS. Egg Producing, and exhibition stock, \$3 to \$10. Eggs for hatching. McNeave & Myers, 2050 Woodland, Wichita, Kansas.

LEGHORNS.

SINGLE COMB WHITE LEGHORNS. PEN of pure English Barron birds, direct from importer. Fine range eggs, \$7 per 100. Fertile guaranteed. Mrs. Clyde Meyers, Fredonia, Kan.

PURE BRED R. C. DARK BROWN LEGHORNS. Eggs from fine winter laying stock, \$6 per hundred. Satisfaction guaranteed. Also baby chicks, 15c. Maude Henkle, R. 1, LeRoy, Kan.

PURE SINGLE COMB WHITE LEGHORNS. Barron Strain. Fine winter layers. Eggs, \$5.50 per hundred, parcel post prepaid. Why maintain war prices? Mrs. Wm. C. Wilcox, Ford, Kan.

PURE BRED SINGLE COMB WHITE LEGHORNS. Cockerels. Tom Barron egg laying strain. Also Single Comb Brown Leghorn cockerels, beauties, \$2 each. Mae Henderson, Hooker, Okla.

ENGLISH S. C. WHITE LEGHORN EGGS. From flock headed by cockerels from trap-nested stock of 244 eggs or better, \$8 per hundred. Cockerels, \$2.50 each. Harry Jones, Manhattan, Kan.

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

MUST SELL this fine farm home. 341 acres adjoining good town. Lane county, Kan. 2 blocks from high school. Improvements extra good. 120 acres fine wheat, smooth as a floor. Price \$55.00 per acre for quick sale. Mansfield Investment and Realty Co., Healy, Lane County, Kansas.

Buy, sell, or exchange your real estate here. Real estate advertisements on this page (in small type, set solid and classified by states) cost 75 cents an agate line each issue. Study these ads, write a good one and figure its cost. Send money order, draft or check with your ad.

KANSAS

FOR SALE—320-acre extra well improved farm. 3 1/2 miles from Kinsley. Box 7, Kinsley, Kansas.

FOUR ADJOINING quarter sections of choice wheat land in Barton Co., mostly in growing wheat. Two quarters well improved, priced \$75 to \$90 an acre. Terms, cash. Must be sold for settlement of estate. Write H. B. Stickney, R. 1, Holington, Kansas.

IMPROVED FARM 160 ACRES, immediate possession if sold before March 1st. 1 mile from station. Choice mixed soil. Price \$5,000, \$1,000 cash, \$1,000 annually 7%. Write or wire owner immediately. John W. Baughman, Liberal, 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, Ulen, Ness County, Kansas.

SMOOTH 160 ACRES, 4 1/2 miles Lawrence, 2 miles shipping station. 100 wheat goes, 20 pasture, 36 spring crop. 6-room house, barn 30x40, granary 40x40, garage, shop, chicken house, everlasting water, \$26,400. Incumbrance \$12,000, 6%. Possession now. Hosford Investment and Mortgage Company, Lawrence, Kansas.

170 ACRES, Osage county, Kansas; 3 1/2 miles town, limestone soil, 35 acres bottom land, everlasting water, 35 acres alfalfa, 110 acres under cultivation, good 7-room house, two barns, silo and other buildings, fenced and cross fenced sheep tight, 1 1/2 miles school. Price \$90 per acre. Terms. The Eastern Kansas Land Co., Quenemo, Kan.

FARM HOME 160 acres, 22 miles K. C., rock road most way; 30 alfalfa; 50 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. MANSFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., 10th & Walnut, Kansas City, Mo.

40 ACRES BLACK LOAM, all cultivated, 9 miles Topeka, 1/2 mile Beryton, which has high school, grade school, church, store, elevator, etc. Good neighborhood. Fenced and cross-fenced hog tight. This year corn averaged 55 bu. per acre, oats 60 bu. Good barn; good 2-story house, practically new; good cistern and well; beautiful lawn. Owner operated for 18 years, soil well kept up. Price \$8,000 if sold quick, terms. Write or see owner, John G. Bradley, Capper Building, Topeka, Kansas.

FOR SALE—IMPROVED KANSAS FARM 640 acres, near Ashland, 500 acres tillable, 400 in cult., 240 pasture. Chocolate loam. Wheat, oats and barley principal crops. 5-room house with bath, 9,000-bu. double granary, extra good chicken house, barn, shed, numerous other buildings. All under good fence. About 100 bearing fruit trees. 300 acres growing wheat goes. Only \$50 per acre on suitable terms. Possession in spring. For further information, write W. B. Grimes, Ashland, Kansas.

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DELAWARE

70-ACRE FARM, all level. 8-room house, 6 acres fruit. Cow, team, 7 hogs, implements. All \$3,500. V. Tamburino, Delmar, Delaware.

MINNESOTA

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.

MISSOURI

BUY A HOME in the Ozarks. Write Roy & Stephens for list, Mansfield, Mo.

TRADES made everywhere. Describe property and tell me your wants. Duke, Adrian, Mo.

THESE ARE the cheapest good level improved farms we have found in Mo. Come or write. Turner & McGlothlin, Lamar, Mo.

FREE—All about the Ozarks and list of cheap farms, all sizes, best of terms. Durnell Land Co., Cabool, Missouri.

FREE LIST describing Ozarks. 75 farms, dairy, orchard, timber, cut over and tobacco land. Simmons & Newby, Cabool, Mo.

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.

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.

WE HAVE FOR SALE five of the best rock road stock and grain farms, close to K. C. 200 acres highly improved, \$200. 160 acres, a dandy, \$150 per acre. 240, 17 miles out, \$65 per acre. 80 acres, 35 miles S. E., 30 per cent less than cash value. 800 acres worth \$150, at \$60 per acre. For real farm bargains, write George A. Bond, care Gregg Realty Co., 314 Bonfils Bldg., Kansas City, Missouri.

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A Jersey Worker Recognized

Referring to the work of F. W. Atkeson, commissioner and secretary for the Southwest Jersey Cattle Breeders' association, the Jersey Bulletin says: The Southwest club has conclusively proved that the appointment of a fieldman in their territory was a move in the right direction. Results have been obtained thru Mr. Atkeson's activities which have been of considerable importance to the breeders of that territory radiating from Kansas City, included in the Southwest club's geographical limits.

Public Sales of Livestock

Hereford Cattle

Apr. 12—Klaus Bros., sale pavilion, Bendena, Kan.
Apr. 14-15—Rawlins County Hereford Breeders' Association, H. A. Rogers, Atwood, Kan., Mgr.

Polled Herefords

March 2—T. Schrock, Hutchinson, Kan.
March 24—Pawnee County Polled Hereford Ass'n., Larned, Kan., C. E. Cutler, Mgr., Larned, Kan.

Shorthorn Cattle

Mar. 7—J. L. Nairn, Pawnee Rock, Kan.
Mar. 16—E. M. Phillips & Son and V. A. Plymatt, Beverly, Kan. F. S. Kirk, Wichita, Kan., Sale Mgr.
Mar. 29-30-31—Central Shorthorn Assn. Show and Sale at Kansas City, Mo.
Apr. 6—Smith County Shorthorn Breeders, Smith Center, Kan.

Apr. 6—Sumner County Shorthorn Breeders' Association, Wellington, Kan. County Agent W. A. Boys, Mgr., Wellington, Kan.

Apr. 12—Baldwin Red Farm, Conway, Kan.
Apr. 14—E. P. Wichta, Chapman, Kan.
Apr. 14—J. P. Ray & Sons, Lewis, Kan.

Apr. 15—Shorthorn Breeders' Sale, Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.

Apr. 16—Stafford County Purebred Breeders' association, Stafford, Kan., R. Boyd Wallace, sec'y., Stafford, Kan.

Apr. 22—E. S. Dale, Protection, Kan.
Apr. 27—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan. E. A. Cory, Sale Manager, Talmo, Kan.

Polled Shorthorn Cattle

Apr. 12—Baldwin Red Farm, Conway, Kan.

Holstein Cattle

Mar. 9—J. J. Smith, Lawrence, Kan. High-grade cows.

March 24—Mylvane Breeders, Mylvane, Kan. W. H. Mott, sale manager, Herington, Kan.

March 25—Kansas Association, Topeka, Kan. W. H. Mott, sale manager, Herington, Kan.

Berkshire Hogs

Mar. 16—T. A. Harris & Son, Lamine, Mo.

Poland China Hogs

Feb. 28—Dr. W. C. Hall & Son and Cline Bros., Coffeyville, Kan.

Mar. 12—Ed Frazier, Drexel, Mo.
March 15—J. H. Walton, Cuba, Kan.
April 27—Fred Laptad, Lawrence, Kan.

Spotted Poland Chinas

Mar. 5—Wm. Hunt, Osawatomie, Kan.
Mar. 7—Miller, Jacoby & Haines, Huntsville, Mo.

Mar. 18—R. H. Stooker, Dunbar, Neb.
Mar. 19—R. B. Stone, Nehawka, Neb.

Duroc Jersey Hogs

Mar. 1—H. C. Luther, Alma, Neb.
Mar. 2—John Sylvester, Oxford, Neb.
Mar. 3—Louis Koenig, Solomon, Kan.

Mar. 15—Zink Stock Farms, Turon, Kan.
Mar. 18—W. D. McComas, Wichita, Kan.
April 23—Rule & Woodlief, Ottawa, Kan.

April 27—Fred Laptad, Lawrence, Kan.
Oct. 21—Stafford County Purebred Breeders' Association, Stafford, Kan., R. Boyd Wallace, sec'y., Stafford, Kan.

Percheron Horses

Mar. 7—J. L. Nairn, Pawnee Rock, Kan.
Mar. 17—W. L. McIlroy, Louisiana, Mo.

Jacks and Jennets

Mar. 15-16—L. M. Monsees, Smithton, Mo.
Mar. 17—W. L. McIlroy, Louisiana, Mo.

Sale Reports

J. C. Martin's Poland Sale

22 sows and gilts averaged.....\$57
J. C. Martin, Welda, Kan., held his first auction sale of Poles, February 18. The good raw day reduced the attendance. Thirty buyers took the 22 head. The top was \$60. It was a fairly satisfactory sale.

Walker & Son's Poland China Sale

One of the largest crowds of the season attended the Poland China sale of Thos. Walker and Son held in their sale pavilion.

HORSES AND JACK STOCK

STALLIONS, JACKS, JENNETS

4 Percheron stallions and 6 jacks for sale; no trade. Write for particulars and prices. 20 jennets nearly all bred by extra good jack; for sale or trade.

M. J. BIGHAM, OZAWKIE, KANSAS
(20 miles N. E. of Topeka)

Mammoth Missouri Jack and Percheron Stallion

Bred coming 10 years old and reg. Sure breeders and good. For a short time I will take \$500 for the pair. Frank DeTar, Edgerton, Kan., (Johnson Co.)

2 Purebred Reg. Percheron Stallions

for \$600.00 cash, if taken immediately, as they have been in this locality too long.
Mrs. Earl McLaughlin, Bavaria, Kansas

One Mammoth Jack For Sale

Black with white points. 15 1/2 hands high. Big bone, coming 4 yrs. old. Address H. H. Morris, Delta, Kan.

Jacks of World's Championship Blood Lines

The sire that sire outstanding mules. Broke to serve and priced to sell. Louis Mills & Son, Aiden, Kan.

FOR SALE OR TRADE

Registered jack, black with white points.
H. E. Hershberger, Harper, Kansas

on the farm, Alexandria, Neb., Feb. 4. The top of the sale was a gilt by Designer. She went to Jim Nolan of Muskogee at \$500. The average on the 67 head sold was a little over \$80 per head.

Spotted Poland Breeders Meet March 5

A call has gone out to Spotted Poland China breeders of Kansas for a state meeting at Paola, Kan., Saturday, March 5 for the purpose of forming a State Association. The same day a sale of Spotted Poles will be held in the Paola pavilion by one of the oldest breeders of Spotted Poles west of the Mississippi and it is especially fitting that a state organization be effected at the time when he holds his sale.

Bridenthal's First Sale a Success

The Duroc bred sow sale held by Lake Bridenthal at Wymore, Neb., February 16, proved to be one of the good sales of the season. A big crowd attended and the attendance was both local and from a distance. The offering was high class and brought forth many favorable comments from the crowd at the ringside. Some of the young things by the Bridenthal herd were considered as good as anything the experts have seen this year, and the entire offering was a credit to any herd and gave Mr. Bridenthal a high place in the estimation of the Duroc breeders in attendance. The top of the sale was \$265 with an average of \$100 on the 40 head sold. Col. Putman conducted the sale.

Henry Murr Has Good Sale.

38 sows and gilts averaged \$57.54; 1 boar sold for \$130; 39 head averaged \$59.40. The annual sale of Chester White hogs of Henry Murr of Tonganoxie, Kansas, was held as ad-

A Union of Farm Boards?

Consolidation of the various farm and livestock departments of the state has now come down to a proposition that a commission shall draft a bill to be presented at once and passed thru the legislature, this being in lieu of what had been considered, which was a commission to give the subject broad study and come in with recommendations at the next session. The importance of the matter would certainly justify such postponement.

Since it is to be disposed of, however, there is only one thing that the public and the agricultural interests together are greatly concerned about, and that is that the history of the agricultural boards should not be departed from by dragging them or any of them into politics. It has been the saving feature of the agricultural department of the state for 40 years that it was in fact non-political. It represented agriculture, without any strings attached to it. It never has become embroiled in politics. It has been supremely independent of every political administration, going its own way without embarrassment from political connections. No greater misfortune could occur in working out some plan of consolidation for the future co-ordination of all the farm interests than that it should get these boards or the consolidated board involved in politics or make it to some extent a political asset or a political factor in the state.

vertised on Friday, February 11th. A large crowd of farmers and breeders were on hand to compete for a lot of the good things offered. Henry Murr always has a good offering of the best herd Chester White hogs known. While no records were broken or sensational prices recorded yet the averages were very fair and low enough to permit of liberal investment by farmers and breeders at the ring side. The offering was a well bred lot and was worth a lot more money than they sold for.

The Concordia Percheron Sale

The Percheron sale at Concordia last Wednesday was not much of a success. The offering was good with a few exceptions. The Dulls were dispersing their entire herd and their part of the offering was exceptionally good. Some of the other consignments were equally as good. A number of the jacks were good. However it was not a buying crowd that was out. A number of "horse" men were there but it was quite evident they were there with the idea that they might take some prospective buyer home with them to look at their horses. How well they succeeded I do not know but that spirit was manifest in this sale and it will ruin any sale that has it to contend with. The Dulls were cleaning up and are quitting the business.

Smith & Hughes Holstein Dispersion Sale

The Smith & Hughes Holstein dispersion sale was held at the Free Fair ground sale pavilion, Topeka, February 16. The attendance was fair and the bidders at the sale were largely from Shawnee and adjoining counties. Alba Beechwood, a 6-year-old cow by Pietertje Hengerveld Nanette, topped the sale at \$400, going to Omer Herrick of Berryton. The second highest priced cow was Netherland Ophelia De Kol 2nd. This cow went to Dr. C. B. Van Horn of Topeka at \$385. Twenty-five head of cows and heifers, exclusive of heifer calves, averaged \$230 per head. The heifer calves sold at prices ranging from \$60 to \$100 per head. A demand for young bulls was lacking which resulted in a low average on the young bulls offered. Among the largest buyers were

HORSES AND JACK STOCK

HORSES AND JACK STOCK

McIlroy's Dispersion

sale of prize-winning Jacks and Percherons

Louisiana, Mo., Thursday, March 17

Percherons

5 Stallions, 5 Mares

Jacks

28 Jacks, 28 Hand-picked Jennets

The Cause

After 40 years of breeding

good Jack stock and Percherons on this one farm it is with regret that I feel forced to leave it to better care for my manufacturing interests at Hannibal, Mo. After these many years my herd has just reached the point where I have no female nor herd sire which I would exchange with other breeders to better my herd. I feel that I must drop either one business or the other and have decided that the herd must go. This places my herd open for your approval.

The Result

You have the opportunity to buy females which have been carefully selected for their real ability in production. You have the opportunity to get sires which are tried and known to produce the desirable type of offspring. This opportunity comes at a time when such stock can be bought worth the money and with a rising market sure. Come to this sale and start in the purebred business with stock of known producing worth. Percheron mares will do your farm work and raise worth while colts. A good jennet is one of the best paying investments possible. Good sires are a necessity in every farming community. This is a real opportunity for showmen, breeders or dealers to get profitable stock. Be on hand sale day and make your profit at my dispersal. Send for catalog today mentioning this paper.

Wilmer L. McIlroy, Louisiana, Mo.

Col. Gross, auctioneer. E. S. Humphrey represents this paper.



Squire Haines, the Best Jack to be Sold This Season



18 Kentucky Jacks
At Private Sale

Shipped from my farm at Flemingsburg, Ky., to Salina, Kan.

A load of 18 head of the best Kentucky Jacks that I have ever owned. Have been shipping jacks to Kansas since 1879. This load has more size, heavier bone and more quality than any 18 jacks I ever owned, ranging in height 14 1/4 to 16 hands. Only a few under 15 1/2 hands. Every jack is black, reg. and prompt performer. The public is invited to call and see them. They are for sale. I am located at Snyder Livery Barn at Salina, Kansas.

E. P. MAGGARD - Formerly Sanders & Maggard



Jacks and Jennets

For sale. 15 to 16 hands, all blacks, good bone and body. From 3 to 7 years old. Also some younger jacks.

Philip Walker

Moline, Kansas, Elk County

Percheron Stallion

Dorel 142127 will be sold March 9, 1921, at public auction. Color black, age 3 years, wt. 1800 lbs. Mares in sale in fetal by this horse. Horse will be shown any time previous to sale, and sealed bid can be left with clerk, H. C. Rubert, Courtland, Kan.

SWANSON & BRENNEMANN, OWNERS, Courtland, Kansas

FOR SALE THREE REGISTERED JACKS

Two 7 years old and one 4 years. All black, white points, plenty bone and size. All good performers and proven producers of big, classy mules which are here to show. We are changing business. Must sell before March 1, 1921. Come and see.

Fred Gimple & Son, R. 2, Mankato, Kansas

PERCHERONS

A few choice 4 to 6 year old mares 1700 to 2000 pounds. Well broke to all farm work. Bred to Ivan of Barton. A few stallions 2 to 3 years old. Top-notchers at live and let live prices.

D. A. Harris, Great Bend, Kan., Route 6, 3 miles east

For Sale or Trade—One Black, Registered, Percheron Stallion

Coming 6 years old. One black registered jack coming 7 years old. Am quitting and want to dispose of this stock.

BERT DONLEY, OXFORD, KANSAS.

One Purebred Percheron Stallion,

One grade Belgian; two registered jacks 15 1/2 hands high. Anxious to sell this stock cheap.

W. L. KNOX, ROUTE 1, ERIE, KANSAS

Hinemans' Jack Farm Dighton, Kansas

Buyers will find our barns full of good jacks up to 16 1/2 hands high and at very reasonable prices. Herd headed by Kansas Chief, world's grand champion, which we showed at Panama Pacific International Exposition, San Francisco, 1915. We breed more big jacks than any other farm in the U. S. Since our world's fair winnings we have shown in 32 rings at Kansas state fairs and have lost but one first premium. A written guarantee goes with each jack.

Hineman & Sons, Dighton, Kan.



REGISTERED MAMMOTH JACKS

Best in the West

We won every first and championship prize in the jack and jennet classes at the National Western Livestock Show at Denver, January, 1921. Over 35 years in the jack business. Our jacks registered and inspected, quick and active performers, with size, bone and quality. Write us your wants.

John E. Burns, Longmont, Colorado

40 Big Black Reg. Tenn. Jacks With Size, Bone, Quality

Sired by undefeated champions; Gen. Logan, The General, Gen. Wolf; 2 to 6 years; 15 to 16 hands; broken to serve. Few Belgians and Percherons at reduced prices. We have what we advertise. Meet trains at Lyons, Chase, Raymond.

M. H. Malone, Chase, Kan., J. P. Malone, Lyons, Kan.

SHORTHORN CATTLE

SHORTHORN CATTLE

Public Sale, March 4, 1921

4 Shorthorn Bulls—15 Big Type Poland China Hogs

I will sell in connection with my public sale 4 Shorthorn bulls from 9 mos. to 18 mos. old, 3 of which are sired by Rosario 694661, a pure Scotch bull, one by Albion's Snowflake 585748. Also 15 head of Poland China hogs, including my herd header, Big Sensation Again 107898, sired by Big Sensation (315783), the 1204 lb. boar. For description or breeding write me. Sale at farm, 1 mile S. E. of Toronto, Kansas.

C. E. Hill, Toronto, Kansas

Northwest Kansas Shorthorn Breeders Association

There are 300 Shorthorn breeders in the 30 counties which is the territory of this big association. All are invited to attend the big annual association spring sale at

Concordia, Kansas, Wednesday, April 27, 1921

50 females, half straight Scotch, others choice Scotch tops. The 15 young bulls are pure Scotch. Concordia business men's banquet to visiting Shorthorn breeders evening before the sale. Annual association business meeting morning of the sale.

Important—Requests for sale catalogs should be sent at once to

Ed Cory, Association Sale Manager, Talmo, Kansas

1886 Tomson Bros. Shorthorns 1921

200 head in the herd representing the most popular Scotch families. Just now we are offering a nice lot of Scotch bulls by Village Marshall and Beaver Creek Sultan. Prices moderate and within the reach of all. Address

Tomson Bros., Wakarusa, Kansas or Dover, Kansas

A Good Proposition

We have a surplus of good registered Shorthorn cows and heifers, the kind that produce milk and beef at least cost. The kind that you need for a Shorthorn foundation.

Buy or Trade for Shorthorn Cows

Have an abundance of feed, also more calls for bulls than we can fill. Will take your grade or registered bulls and cows in exchange or your note for nine months' time.

Park Place Shorthorns

make good in the show ring and on the farm. Write, phone or call on:

Park E. Salter, 615 Fourth 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, LaFontaine, Kan.

Combined Percheron
and Shorthorn Sale

**J. L. Nairn, Pawnee Rock, Kan.
Monday, March 7, 1921**

14 Percherons—6 stallions one to four years, 8 extra good mares and fillies.

26 Shorthorns—21 females, most of them with calves at side or will calve soon. 1 two-year-old bull and 4 coming yearlings. Everything purebred.

Sale at farm near Pawnee Rock, Kansas, following arrival of afternoon trains.

Shorthorns, Size, Quality
Bulls—Heifers

A number of choice bulls and heifers by Soberiettes Clipper, and White Dale. My prices are very reasonable. Write your wants.

C. F. Sandoh, Wakefield, Neb.

CATTLE WANTED

En trade for land near Wichita. Will consider either registered or high grade cattle.

**PARK E. SALTER,
4th Nat'l Bank Bldg., Wichita, Kan.**

MONDAMIN SHORTHORNS

Scotch Bulls

Size—Quality—Individuality—Breeding

15 yearling and 2-year-old bulls by Golden Sultan, Royal Butterfly and Cumberland Crest; also a number of range bulls for sale. All are priced to sell.

HELD BROS., HINTON, IOWA

Scotch and Scotch Tops

Some dandy Scotch bulls and Scotch topped from 6 to 16 months old. Roans, white and red. Some females for sale. Address

S. B. AMCOATS, CLAY CENTER, KANSAS

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

SHORTHORNS, PRIVATE SALE

Cows bred, yearling heifers and bulls from seven to 12 months old. Priced right and sold in lots to suit purchaser. The blood of Choice Goods, Cumberland's Last and Red Knight predominates. Parties met at Wamego. Six trains each way daily. Phone 3218 Wamego.

W. T. Ferguson, Westmoreland, Kansas

Scotch and Scotch Tops

A splendid lot of young bulls ready for service. Scotch and Scotch topped. Write for descriptions and prices.

E. P. FLANAGAN, CHAPMAN, KANSAS

Geary County Shorthorns

Pure Scotch and Scotch-Topped bulls from 6 to 13 months old. Reds, roans and whites. Also a few females. Write or come at once.

GEO. J. CASPER & SON, ALIDA, KANSAS

Bulls Priced Right

A nice lot of Shorthorn bulls from yearlings up to 20 months. Close prices to move them quick.

C. W. TAYLOR, ABILENE, KANSAS

ROSEHILL SHORTHORNS

Accredited herd, 6 choice bulls 8 to 14 months, also 10 females (red). **MOLYNEAUX & SON, Palmer, Kan.**

ILLUSTRATED LEAFLET, "Milking Shorthorns Make Beef and Butter Profitably," with names of breeders sent free. **Milking Shorthorn Society, Dept. D, Independence, Iowa.**

AYRSHIRE CATTLE

Linddale 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 LEW & SONS, Manhattan, Kan.

HIGH GRADE AYRSHIRES

For sale. Twenty head of females, calves, yearlings, and 2 and 3-year-old heifers, mostly 15-18x31-32 breeding. Seven head 2 and 3-year-old heifers, \$875. Four-year-old herd bull sired by Garland's Success.

FLOYD EDWARDS, LA CROSSE, KANSAS

HEREFORD CATTLE

Hereford Bulls for Sale

10 2-year-olds; 14 yearlings; 12 9 months old; well grown; heavy boned; in good condition; priced to sell.

L. COWMAN, HERINGTON, KANSAS

When writing advertisers mention this paper.

Reynolds & Rumford of Holton, Kan., and Summerheim Farm, Topeka. The entire sale was very satisfactory and the success was largely due to the capable management of W. H. Mott, the well known Holstein sale manager of Herington, Kan.

Geo. Burdette Has \$81.28 Average

One of the best Duroc sales of the season was held by Geo. Burdette in the sale pavilion in Auburn, Neb., February 12. The crowd was by far the largest attending any winter sale this season. The sale was snappy from start to finish. Much credit is due O. M. Engle, the banker who acted as clerk of the sale, for the strong demand for better livestock in that locality. He is a firm believer in purebred herds and a consistent booster for improved livestock on every farm. The sale was conducted by Col. Herman Ernst in a very capable manner. The average on the 41 head was \$81.23 per head.

C. S. Nevius & Son Have Good Sale

47 head average.....\$70.00
The sale of Poland China brood sows of C. S. Nevius & Son of Chiles, Kan., Monday, February 14, resulted in the disposal of 47 head cataloged and sold for an average of \$70. They have had other sales that have made them as much clear profit as any sale they have held in years, figuring the expenses. Pleasant weather augmented the pleasure of the 200 farmers and breeders present. The breeding of the premier herd boar, Bob's Equal, was a strong factor in attracting representative breeders. Several mail bids were in evidence and breeders from both Kansas and Missouri were present and bought. The top price was paid for No. 10, Wonder Joe sow and bred to the great boar, Bob's Equal, going to Roy F. Koontz, Lane, Kan., for \$100. No sensational prices were recorded in this sale but the averages were fair and low enough to permit of liberal investment by farmers and breeders at prices that will insure them a profit on each purchase. Col. H. M. Justice conducted the sale in a very creditable manner.

Gordon & Hamilton's Duroc Sale

Gordon & Hamilton, Horton, Kan., sold 43 Duroc Jersey bred sows and gilts in their annual bred sow sale in Horton, Feb. 9, for an average of \$66.50 which was the highest average made in the circuit of three sales they sold in that week. As usual the offering was presented in excellent form and was one of the best of the season. Gordon & Hamilton are to be congratulated upon their splendid home support in all of their sales and this sale proved no exception. There was a number of prominent breeders there from over the state. Sensation King, the great three year old herd boar in service in the herd and the boar that has sired a nice lot of the gilts and was a good part of the offering was sold as one of the notable sires of the northeast part of the state where there are a number of great Duroc Jersey sires. He was sired by Great Sensation and his dam was by King's Col. The other herd boar that stamped his individuality upon the offering was Golden Pathfinder, sired by Ideal Pathfinder and out of Golden Uneda and now two years old he is proving himself of great value in this herd. Crimson Pathfinder, the junior herd boar, sired by High Pathfinder and out of an Investor dam was carefully selected to use on the get of the other herd boars in the herd and will prove a success.

Zink and Searle Selected Good Ones

Probably the most successful of the recent Congressional District Duroc Jersey Sales held under the auspices of the State Association was the one held at Pratt, Kan., February 10 for the Seventh Congressional District. This sale like the others was managed by Ralph Searle of Tecumseh, Kan., official sale manager for the State Association, and the sale offering was selected from the herds of the Seventh District by W. W. Zink of Turon, Kan. The judgment of Mr. Zink and the enterprise of the contributing breeders were big factors in the success of the sale. The highest ten gilts sold brought a total of \$1,207.50, prices of these tops ranging from \$102.50 up to \$207.50. County Agent V. S. Crippen, of Pratt county, sends us the names of the following breeders, as purchasers of the highest priced animals mentioned above: G. M. Shepard, Lyons, Kan.; Zink Stock Farm, Turon, Kan.; Hugh Morrison, Pratt, Kan.; C. C. Lunt, Pratt, Kan.; Harry Bryan, Pratt, Kan.; C. A. Barker, Pratt, Kan.; Jake Dauner, Iuka, Kan.; Will Fulk, Turon, Kan.

G. C. "Bud" Norman's Duroc Sale

43 sows and gilts averaged.....\$46.25
7 boars (young) averaged.....21.75
53 head averaged.....43.00

At first glance the averages indicated appear too low. They were too low for Mr. Norman to have made much if anything out of the offering after deducting expenses of high priced feed during the time that he held some of the hogs. However, the offering while it carried excellent blood lines had not been fed out as well as it might have been and was undersized. Neither was it immuned. One especially redeemable feature of the offering was that most of the females were nearly all bred to Mr. Norman's junior sire, Scion's Wonder by Great Wonder 12Am. This boar is truly a wonderful appearing boar and is getting some excellent pigs. Altho time was offered everyone settled for his hogs by paying with check. Considering condition of offering and present registered prices for hogs the Norman sale was a successful sale. W. H. Thrasher, Fairfax, Okla., not only topped the sale but bought 14 of the best ones. The top was \$77.50 for a sow by Gano's Pride. Twenty-five buyers, most of them living in Cowley county, took the offering.

The Loomis Duroc Sale

John Loomis, Emporia, Kan., sold 44 Duroc Jersey bred sows and gilts from his Highland Stock farm near that place in the sale pavilion, Emporia, Wednesday, Feb. 9, for an average of \$57.00. It was one of the best offerings ever made in Emporia and should have brought much more money. The top was \$87.50 paid by W. L. Lewis, Emporia for Pathfinder's Lady Wonder, a splendid September yearling sired by Pathfinder's Image, Longview Goldie, another September yearling sired by Longview King, went to Wilber Biddison, Americus, Kan., who is joining the Capper pig club this spring. He paid \$80 for her and she was certainly a great buy at that price. A number of the best sows and gilts sold to breeders who bought in Mr. Loomis' sale last winter. It was a great offering and came in for lots of praise from the breeders and farmers who attended. Among the

other buyers were Sam Rockley, Madison, Kan.; W. H. Morrow, Olpe, Kan.; T. Winzler, Hill Top, Kan., who bought several; Vernon Johnson, Emporia, Jas. Dixon, Reading, W. A. Kennison, Reading; H. J. Heaton, Neosho Rapids, Kan.; H. W. Henry, Ottawa, Kan.; J. O. Jacobson, Emporia, E. Lungren, Osage City, Kan.; Ray Gatewood, Emporia, L. C. Workman, Emporia, D. C. Selon, Olathe, Kan. It was a splendid lot of sows and gilts and one of the best of the season.

Kempin Bros. and Hilbert's Sale

Kempin Bros. and W. H. Hilbert, neighbors of Duroc Jerseys at Corning, Kan., sold their "double header" offering of 66 bred sows and gilts in the sale pavilion at that place February 11 for an average of \$52. On about half of this number the average was much greater but because of conditions that are unfavorable to the business this was a large number of sows to sell in one sale. However they were fortunate in a good day and breeders and farmers were there from all over northeast Kansas. L. E. Rice, Frankfort, Kan., secured 11 head, Paul Juno, Vermillion, secured several, J. L. Healy, Hape, Kan., who was a good buyer of top sows and gilts on all three of these sales, secured a splendid March gilt by Joe King Orion for \$125 which was the top price paid on the entire circuit. She was the property of Kempin Bros. and out of a Great Wonder I Am sow. L. L. Humes, Glen Elder, Kan., secured another Joe King Orion March gilt out of a Jack's Orion 2nd dam, D. J. Ryan, R. E. Mather, Dr. Burdett, all of Centralia, Kan., were there and good boosters and buyers. A son of D. L. Dawdy, Arrington, Kan., secured a nice gilt by King Sensation I Am. He is joining a pig club. A. H. Brenner, America City, Kan., bought several head. A. J. Wende, Frankfort, bought three. It was a dandy offering and both Kempin Bros. and Will Hilbert proved their ability in the Duroc Jersey business. Jas. T. McCulloch did the selling.

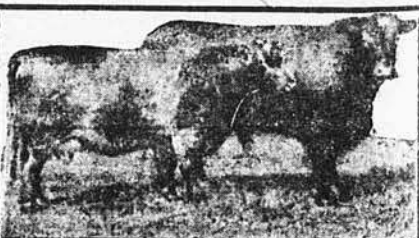
M. R. Peterson's Duroc Sale

M. R. Peterson, Troy, Kan., sold Duroc Jersey sows in the Northeast Kansas circuit Feb. 10, the day following the Gordon & Hamilton sale at Horton. Mr. Peterson gets his mail on a rural route out of Troy but he lives near Bendena, the biggest little town I was ever in. It has about 100 inhabitants but they sure are wide awake. Recently a modern sale pavilion has been erected there and it is the best arranged of any sale pavilion I was ever in. It cost \$10,000 and was built by subscriptions secured from the merchants of Bendena and the farmers and stockmen of the vicinity of Bendena. M. R. Peterson was one of the promoters and everybody in the country was there to help Peterson make a good sale. And they were mighty proud of his offering too. He sold 40 bred sows and gilts for \$2,509. The average being \$62.75. Like the sale of the day before the offering was one of real merit. The prices ranged very even and the top was \$110. Another sold for \$100 even. As was said before everyone was proud of Mr. Peterson's splendid offering of bred sows and it was a gala day in Bendena. A big chicken dinner was served at the church and when the sale started the new pavilion was comfortably filled. Jas. T. McCulloch did the selling on the block with the assistance of Chas. Foster in the ring. Mr. Peterson fully demonstrated his ability to breed the popular kind.

W. T. McBride's Duroc Sale

9 fall yearlings average \$75.00, 5 spring yearlings average \$70.00, 29 spring gilts average \$68.00, 43 head average \$70.00.
W. T. McBride's sale auditorium on his hog farm at Parker, Kan., was filled to overflowing, February 17, when he drove a good offering of 43 Duroc females and 5 late fall boars thru the sale ring at prices satisfactory to Mr. McBride and buyers assembled from greater distance than ever before assembled at a McBride sale. 23 buyers took the offering, most of which remained in him and adjoining counties. The top, a fine spring gilt, to McBride's senior sire H & B's Pathfinder by Pathfinder bred to McBride's junior sire, Sensation Orion by Great Orion Sensation, went to Lant Bros., Dennis, Kan., at \$127.50. Preceding the sale Mr. McBride made an offer that might well be emulated by other breeders desiring to encourage farmers to raise better hogs. This was the offer: "I will pay a premium for pigs shown at 1921 county fair of Linn, Anderson, Franklin and Miami where such pigs are farrowed and raised from sows bought in this sale, each county to show separately. There must be 8 or more sows bought and taken to each county in order to entitle buyers to compete. The sows must be bought by one or more men from each county. For best or first prize \$6.00, second \$5.00, third \$4.00, fourth \$3.00 and 5th \$2.00. Since the sows scattered over the counties mentioned, a level contest should develop at each fair mentioned."

POLLED SHORTHORNS.



POLLED SHORTHORNS

"Roan Orange," "Sultan's Pride," "Scottish Orange," and "Grand Sultan." Weight 1 tons. Heads of nearly 200 reds, whites and roans. 20 males and females, \$100 upward. Take your test, registration, and transfers free. Will meet trains. Phone 2803 at our expense.

J. C. Banbury & Son, 1 mile west of Plevna, Kan.

POLLED SHORTHORNS

Big husky bulls. A few females. Forest Suitana, a 5-year-old Scotch bull, for sale.

C. M. Howard, Hammond, Kansas

HORNLESS SHORTHORN SALE APRIL 12

Baldwin Red Farm, McPherson County, Conway, Kansas

POLLED SHORTHORN BULLS

Several good ones, 9 to 20 months old.

R. T. Vandeventer & Son, Mankato, Kansas

SPECIAL OFFER POLLED SHORTHORNS

4 choice heifers, 3 bred, 1 Scotch bull, not related. **C. A. Berggren, Green Ridge, Mo.**

FOUR POLLED SHORTHORN BULLS

for sale. **D. C. Baumgartner, Ralstead, Kan.**

Field Notes

BY J. W. JOHNSON

Hill & King, Topeka, Kan., Route 8, offer big, well grown Poland China bred gilts at attractive prices. Write them for descriptions and prices on bred sows and gilts.—Advertisement.

Updegraff & Son will hold a public sale of purebred Poland China hogs March 5 at McDaniel's sale barn in North Topeka. They will offer 30 head bred Poland China sows. Send for catalog.—Advertisement.

Registered Percheron stallions and registered jacks are for sale by M. J. Bigham, Ozawie, Kan. He also has twenty Jennets which he will either sell or trade. Write him for full particulars. Ozawie is about

GUERNSEY CATTLE

For Sale 1 Reg. Guernsey Heifer Calf
One registered male calf, a few high grade Guernsey cows and heifers. Also a high grade Guernsey bull, available age. Two fresh Jersey cows. Write for description and photos.
Dr. E. G. L. Harbour, R. 113, Lawrence, Kan.

GALLOWAY CATTLE

REGISTERED GALLOWAY BULLS, COWS and heifers. Fashion Plate, Silver Lake, Kan.

RED POLLED CATTLE

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLL CATTLE
A number of choice one and two-year-old bulls and heifers from one to three years old.
E. F. 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 them. 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. Gruff & Sons and Mahlon Greenmiller.
GEORGE MAAS, LYONS, KANSAS.

Dispersal Sale of Red Polls

40 dairy cows, heifers and young bulls. Also two herd bulls. A good herd priced to sell.
T. G. McKINLEY, ALTA VISTA, KANSAS
Wabunsee County

Pleasant View Stock Farm
Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.
Hulloran & Gambrell, Ottawa, Kansas

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.

JERSEY CATTLE

JERSEYS
The Profit Breed

"The Key to Dairy Profits" and "Jersey Facts"—two important books, telling how farmers are making real profit today with Jerseys—how anyone can do it anywhere. Whether you are interested in one cow or a hundred, these books will show you how to make money.
Free—Write today
American Jersey Cattle
Club, 324-KW 23 St.
New York

Hillcroft Farms Jerseys headed by Queens. Fairly Boy, pronounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairly Boy, the greatest bull ever imported. 14 tested daughters, 76 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet.
M. L. GOLLADAY, PROPR., HOLDEN, MO.

3 Reg. Jersey Bull Calves For Sale
From 1 to 3 months old. Sired by a grandson of Anna Irene and from high producing dams. Priced \$25.00 each or will trade for heifer calves.
L. A. POE, HUNNEWELL, KANSAS

TESSORO PLACE JERSEYS

One of the largest Register of Merit herds in the state. We can \$1,300 at four state fairs this fall. A choice lot of bull calves, grandsons of Financial Countess' last out of Register of Merit cows. Other stock for sale.
R. A. GILLILAND, MAYETTA, KANSAS

Scantlin Jersey Farm, Savonburg, Ks.
Financial Kings, Raleigh and Noble of Oakland breeding.

FOR SALE—4-YEAR-OLD JERSEY BULL
Sire, Golden Maid's Viscount. 3 year-old bulls, \$35.00, all registered.
Chas. Long, Stockton, Kansas

REGISTERED JERSEY BULLS FOR SALE
Herd Farm breeding, \$50.00 each. Credit if desired. Percy Lill, Mt. Hope, Kansas.

SHEEP.

REG. SHROPSHIRE RAMS

Also a few choice ewes and ewe lambs. Farm 3 miles north of town.
J. R. Turner & Son, Harveyville, Kansas.

twenty miles northeast of Topeka.—Advertisement.

Carl F. Behrent, Oronoque, Kan., Norton county, has written me that he will postpone his Hereford sale until the first part of December. Mr. Behrent is the well known proprietor of Prairie Valley breeding farm and the owner of Grover Mischief, the great Beau Mischief bull that has won repeatedly in the show ring. Mr. Behrent also breeds Poland Chinas and is in the market for some good yearling gilts that are going to farrow soon.—Advertisement.

J. J. Smith's Holstein Sale

J. J. Smith, Lawrence, Kan., is advertising the dispersion of his high-grade Holstein dairy herd at the farm one and a half miles southeast of Lawrence, Kan., Wednesday, March 9. There are 30 head in the sale, 14 cows that are either just fresh or to freshen very soon. One registered yearling bull and 15 yearling and two-year-old heifers. Homer Rule, who will conduct the sale has seen these cows and heifers recently and says they are an excellent lot. It is a dispersion sale of a real dairy herd and if you want the kind that are sure producers go to this sale. The heifers are of real merit and the yearling-herd bull is a good one. Fifty Duroc Jersey bred sows and stock hogs will be sold together with all the farm equipment.—Advertisement.

E. P. Maggard's Jacks

E. P. Maggard, Flemingsburg, Ky., has been shipping Jacks from his breeding farm at that place to Kansas ever since 1879. Only on two or three occasions has he missed his annual trips to Kansas with a load of Jacks. This winter he is at Salina, Kan., in the Snyder barn across from the Lamer hotel with a load (18) of the best Jacks he has ever owned. Mr. Maggard told me a few days ago at Salina that this Kansas load of Jacks was the best load of Jacks he ever owned and those who know Mr. Maggard, and hundreds of Kansas farmers and breeders who know him will understand the importance of this statement coming from Mr. Maggard. If you ever expect to buy a Jack now is certainly the time to buy him while these splendid Jacks are at your door and priced very reasonably. Write to E. P. Maggard, Salina, Kan., care Snyder's livery barn for prices and descriptions.—Advertisement.

Fern Moser's Good Duroc Offering.

Fern J. Moser, Sabetha, Kan., invites every Duroc Jersey breeder in Kansas to send him their names for his sale catalog which is now ready to mail. It will be sent promptly upon receipt of your letter with request for it. In this annual bred sow sale which Mr. Moser is holding in the sale pavilion as usual at Sabetha 40 Duroc Jersey bred sows and gilts will be sold that surpass in breeding and individual merit any like number ever sold in Kansas. It is a superb offering of the cream of popular breeding and with individual merit of a kind that should insure the presence of every Duroc breeder in the country. Fourteen of the offering were sired by the great Joe King Orion, now dead. A few are bred to Joe King Orion as he did not die until in December. Others are bred to Joe King Wonder, a wonderful son of the great Joe King. Others are bred to Golden Wonder and Crimmon Pathfinder. Prices are not going to be high in this sale. Mr. Moser's 1920 bred sow sale sold for the highest average ever made in Kansas. This offering is unquestionably the best of the offerings Mr. Moser has made and the prices will be very reasonable. Come to this sale if you like the best. Ask for the catalog today.—Advertisement.

O. R. Strauss Has Good Polands

O. R. Strauss, Milford, Kan., proprietor of Silverdale herd of Poland Chinas, is advertising bred sows in this issue of the Kansas Farmer and Mail and Breeze. He is not holding a public sale this year and his offering of six tried sows and 35 spring gilts at private sale is exceptional. Daughters of Model Wonder, Great Master, Golden Gate Defender, Giant Bob Wonder. The gilts are bred to Jumbo Joe, a son of Orange Model, and carrying the blood of Big Timm, Big Joe and Orange Boy. The tried sows are bred to Golden Gate Defender and Giant Bob Wonder. This great sire stands 43 inches high and can be fitted to weigh more than 1000 pounds. He is not two years old yet and the smoothest big hog you ever saw. Most of the spring gilts are by him. The dams of these gilts are big massive sows of the kind every breeder is striving to get in his herd. You can secure from Mr. Strauss at moderate prices sows and gilts that would cost you much more in public sale farther north and east and you will go a good ways before you find Polands that will beat the Strauss kind. Write him at once for prices and descriptions. You will find the prices right.—Advertisement.

Good Shorthorns for the Concordia Sale

Ed Cory, Talmo, Kan., association sale manager for the big Northwest Kansas Shorthorn Breeders' association, is well pleased with the class of cattle being consigned to the annual spring sale at Concordia, Kan., Wednesday, April 27. He is anxious, in fact he is insisting, that all the consignors get their papers to him not later than March 5 at the outside. If you can send them at once it will be a great favor to Mr. Cory. About 50 females will be sold and half of them will be pure Scotch and the others are of the very best Scotch topped females. The 15 young herd bulls are all pure Scotch. It is going to be an offering worth while. It is the fifth sale of this association and Concordia is going to do her best to show her visitors a good time. The evening before the sale the business men will give a banquet to visiting Shorthorn breeders. In the 30 counties in this big association's territory there are over 300 Shorthorn breeders. Some of them do not have very large herds but all of them are interested in the Shorthorn breed and should be at this sale and the banquet the evening before. The officers of the association and Concordia business men invite every one of you to this big sale and meeting. Write to E. A. Cory, Talmo, Kan., at once for the sale catalog.—Advertisement.

C. W. Taylor's Shorthorns

C. W. Taylor, Abilene, Kan., offers for quick sale Shorthorn bulls at very reasonable prices. These bulls are from yearlings up to nearly two years old. They are Scotch tops and sired by the herd bulls in use in this herd and out of cows of Mr. Taylor's own breeding. These bulls offered for sale are in just moderate condition and are sure to go on your farm and thrive. Western and Central Kansas farmers should investigate this opportunity to buy Shorthorn

The Holstein-Friesian Ass'n of Kansas

Insists upon a square deal by and for its members.

Advertisers below are members of this association; officers are as follows:
Walter Smith, President, Topeka, Kan.
Mark Abildgaard, Mulvane, Kan., Secy-Treas.
W. H. Mott, Herington, Kan., Sales Mgr.
Annual Sale Mar. 24-25, Topeka, Kan., Annual Meeting, Mar. 24, Topeka, Kan.

EVERY COW AN A. R. O.

With the exception of one that is untested. Good young bulls from 3 months up for sale at reasonable prices. Sire's first daughter fresh last Jan. now milking 55 to 65 lbs. a day. R. E. Stuewe, Alma, Kansas.

SHOW BULL CALF

Been with state show herd; one that has won prizes. Sired by a 32 lb. sire and from an extra good dam.

J. P. MAST, SCRANTON, KANSAS

Our Herd Sires are backed by dams that have produced over 1,000 lbs. of butter in one year. One of them was first in his class at 7 leading state fairs in 1919. A few young bulls left at very reasonable prices. Herd under Federal supervision. Collins Farm Co., Sabetha, Kan.

SHUNGA VALLEY HOLSTEINS

Bulls from calves to serviceable age; A. R. O. dams up to 25 lbs. butter 7 days; some on long-time test and from Konigen sire, whose 4 nearest dams average 34 lbs. butter in 7 days.
Ira Romig & Sons, Sta. E. Topeka, Kansas

Braeburn Holsteins

An old and large herd, headed by high-class bulls for 30 years; uniform in quality and production. Send for a bull. You can't get a poor one.
H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

GEO. L. ALLGIRE,

Route 2, Topeka, Kansas
Farm near town. Individual production rather than numbers. Something to offer later on.

Purebred Registered HOLSTEINS

Serviceable bulls, cows and heifers.
LILAC DAIRY FARM, Walter A. Smith,
R. F. D. No. 2, Topeka, Kan.

Dr. W. E. Bently's Holsteins

Young bulls of serviceable age, out of A. R. O. dams, sired by 1000 lb. bull.
DR. W. E. BENTLY, MANHATTAN, KAN.

BULL ON A YEAR'S TIME

A son of Canary Butter Boy King and out of an A. R. O. daughter of Duke Johanna Beets. Ready for service. Write today.
MOTT & BRANCH, HERINGTON, KANSAS.

Sand Springs Holsteins

"On the Golden Belt Highway." Federal accredited. Semi-officially tested. If in need of a young herd sire, these facts deserve your consideration.
E. S. ENGLE & SON, ABILENE, KANSAS.

TWENTY HEAD OF PUREBRED 2-YEAR-OLD HEIFERS

Well bred, large, well marked. Priced for immediate sale.
M. E. NORMAN, LATIMER, KANSAS

PrinceOrmsbyMercedesPontiac

Our herd sire, a grandson of Sir Pieterje Ormsby Mercedes, "the world's greatest sire." Several sons for sale from good record dams.
Shady Nook Farm, J. A. Engle, Prop., Talmage, Kan.

Oakwood Farm Holsteins

Bulls ready for service out of A. R. O. cows; also heifers and high grade cows and heifers. Herd sire—King Pontiac Ophelia Lyons 265861. Big Spotted Poland China Hogs.
Chas. V. Sass, 1104 N. 5th St., Kansas City, Kan.

YOUR NEIGHBOR BREEDER

If he breeds Holsteins he needs the association's help. See to it he joins. Send his name and check for \$5 to Secretary Mark Abildgaard, Mulvane, Kan.

J. J. Smith's Holstein Dairy Dispersion

Sale at the farm one and a half miles southeast of town.
Lawrence, Kansas, Wednesday, March 9
30 head, High Grade Holsteins. A working herd of real dairy cows. 14 cows, fresh now and to freshen soon. 15 yearling and two year old heifers. One yearling herd bull registered. 50 Duroc Jersey bred sows and stock hogs. All farm machinery, horses and farm equipment.
J. J. SMITH, Owner, Lawrence, Kansas
Homer Rule, auctioneer. Free autos from Eldridge Hotel.

HOLSTEIN CATTLE

75 Head of High Grade Holstein Cows and Heifers
Will take \$2,500.00 for choice of 20 head of fresh and springers.
LONE STAR DAIRY, MULVANE, KANSAS

FOR SALE HOLSTEIN BULLS

Six months old, good individual, almost white, willship on approval. G. E. Berry, Garnett, Kan.

FOR HIGHLY BRED HOLSTEIN CALVES
Heifers and bulls, beautifully marked, from heavy producing dams, write
Fernwood Farms, Wauwatosa, Wisconsin

HOLSTEINS, SHORTHORNS, GUERNSEYS
Fancy high grade calves, \$14.00. Write
Ed Howey, So. St. Paul, Minnesota

ANGUS CATTLE

20 Bulls
15 to 30 months old. Big, strong fellows. Priced reasonable.
J. D. MARTIN & SONS
R. 2, Lawrence, Kan.

ANGUS CATTLE Some choice bulls for sale.
GEO. M. McADAM, HOLTON, KANSAS

ABERDEEN ANGUS BULL
Yearling, extra quality, at farmers' price.
J. W. Alexander, Burlington, Kansas

Windmoor Holsteins

The Windmoor herd will be dispersed in February. See our advertisement later for particulars.
SAM CARPENTER, JR., OSWEGO, KAN.

JNO. H. MAILES,

Tonganoxie, Kansas
Breeder of Reg. Holsteins. Member National, State and County Associations.

Twin Bull Calves Born Jan. 3, 1921

95% and 99% White. Dam Oak Lodge Korudyke Lady with 4 A. R. O. daughters. Butter 7 days 26.35 lbs. Milk 522.70 lbs. A 30 lb. bull from the Kansas State record 3 year old. Choice, \$200.
GEO. D. REDMAN, TONGANOXIE, KAN.

Pure Bred Heifer Calves

From 3 to 6 months old. Write for descriptions and prices. W. J. O'BRIEN, Tonganoxie, Kan., Leavenworth County.

W. E. Zoll & Son,

R. D. 6, Leavenworth, Kan.
Two very well marked registered bulls for sale. Ready for light service. Priced right.

Bawndell Holstein Farm

For Sale—Several heifer calves from our best cows. We need the milk for our retail trade. Bargains. Chas. W. Schultz, Owner, Independence, Ks.

THE CEDARLAWN HOLSTEIN FARM

Bull ready for service; good individual; well grown; dam, state champion butter producer, all ages, all breeds; record for 3-year-old, 23,385 lbs. milk, 975 lbs. butter.
T. M. EWING, INDEPENDENCE, KAN.

I WANT YOU TO KNOW

That I have a wonderful bunch of early fall bull calves. Most of our best cows had bull calves last year. We can't use all these bulls and you want one. Write me now for a detailed description and photo.
DR. C. A. BRANCH, MARION, KANSAS.

Holstein Bull 1 Year Old

Whose dam made 15 lbs. of butter in a week as a 2-year-old. Price right. Our herd is on the accredited list. College Hill Holstein Dairy Farm, P. W. Enns & B. B. Enns, Props., Newton, Kan.

BULL CALVES FOR SALE

From cows up to 820 lbs. butter and 20,951 lbs. milk in 365 days; sired by our long-distance herd sire, Sir Aggie Korudyke Mead, whose five nearest dams averaged 1,096 lbs. butter and 23,504 lbs. milk. Herd under Federal supervision.
HIGH BROS., DERBY, KANSAS

8 Months Old Bull Priced Right

A perfect individual; dam holds state record in 4-year-old class, producing 29 lbs. butter and 603 lbs. milk in 7 days; sire is King of the Pontiacs breeding. Write us. C. L. GOODIN, DERBY, KAN.

Have a Few Well Bred Bulls

Three months old that I will sell at \$100 and up; some dandy heifers also. Come and see them.
B. R. GOSNEY, MULVANE, KANSAS.

31 lb. Bull

Sire King Mutual Katy, the record 4242-lb. bull, whose dam has record of 1,290 lbs. in year; 2,420 lbs. in 2 years; dam 18.5 junior 3-year-old; second dam, 27 lbs. a show calf evenly marked; born Jan. 20, 1920. Price \$400. APPLEMAN BROTHERS, MULVANE, KAN.

Mark Abildgaard, Mgr., Stubbs Farm Co, Mulvane, Kan
QUALITY HOLSTEINS—The place to buy your herd bull. We broke four state records the past year and won more prize money at the Wichita National Stock Show than any other breeder. No females for sale.

HOLSTEIN BULLS

To improve your dairy herd, from daughters of Alcartra Polkadot Corrector, Korudyke Queen DeKol's Prince; King Mead DeKol, and Aggie Cornucopia Johanna Lad 7th. Short of help, feed and room. Bargain prices. Write for what you want.
McKAY BROS., CADDOA, COLO.

Registered Holstein Bulls

Sired by Ensign Pontiac Korudyke Burke, whose two nearest dams have records of over 30 lbs. butter in seven days. They are 8 weeks to 18 months old. \$60 and up delivered in Kansas.
V. E. CARLSON, FORMOSO, KANSAS

High Grade Holstein Heifer Calves

4 to 6 weeks, well marked, \$20 each. See them before you pay for them. A. L. Rasche, Lake Mills, Wis.

HOLSTEIN AND GUERNSEY CALVES

6 to 8 weeks old, \$25 each, crated for shipment. Reg. bulls crated \$50. We ship C.O.D. subject to inspection. Spreading Oak Farm, Whitewater, Wis., R. 1

WAUKESHA COUNTY HIGH GRADE HOLSTEIN AND GUERNSEY CALVES
\$25 each; registered bulls, \$40. Schley & Johnson, North View Stock Farm, Waukesha, Wis.

HOLSTEIN AND GUERNSEY CALVES, 31-32nds pure, 7 weeks old, \$25.00 each, crated for shipment anywhere. EDGEWOOD FARMS, Whitewater, Wis.

When writing advertisers mention this paper.

STOOKER'S BIG SALE OF SPOTTED POLANDS

To Be Held At
Nebraska City, Nebraska, Friday, March 18

70 bred sows and gilts of excellent breeding and rare merit. 20 spring gilts, 30 fall yearlings, 20 tried sows. We are selling 15 head of 1/4 blood English sows bred to English Type Builder, our 1/4 English boar. Here is your chance to get some 1/4 English litters. English Type Builder is by King of America and out of English Queen, by King of England. He was one of the top boars in the record breaking English sale at Crawfordville, Ind., that averaged \$1,000. Other boars to which the sows in this offering have been mated are: King Big Bone 1st, King Big Bone 2nd, and a son of English Giant. Nebraska City is located in the south-eastern part of the state and is on the main line of the Burlington and Missouri Pacific railroads. Henry Field sells at Shenandoah, Ia., the day before Stooker's sale. Nebraska City is only 30 miles from Shenandoah. R. E. Stone sells at Nehawka, Neb., the day following Stooker's sale. Make arrangements to attend all three sales. Write today for your copy of the sale catalog. Send mail bids to G. L. Borgeson who represents the Capper Farm Press.

R. H. Stooker, Dunbar, Neb.

Chas. Taylor and Jim Wilfong, Auctioneers.

R. B. Stone & Son Sell a Remarkable Offering of Spotted Poland

Nehawka, Neb., Saturday, March 19

40 head of bred sows and gilts. 20 spring gilts by Arb's Model, Spotted Pathfinder, English Lord and King Spot. 20 tried sows by King of England, Spotted Gerstdale, Beaver Lad, Duke of England, Dresher's Spotted Duke, and Giant Blue Bell. These sows and gilts are bred to English Lord by Duke of England, Nehawka Pride by Arb's Model and Obena's Big Boy by King Spot. A litter sired by one of the above named boars will look good in any herd. There will not be an inferior sow or gilt in this sale. We have an offering that will please you. Special: One English Rose sow and one Blue Ribbon sow will sell. Write for a catalog of the sale to

R. B. Stone & Son, Nehawka, Nebraska

Chas. Taylor and Jim Wilfong, Auctioneers.

G. L. Borgeson represents the Capper Farm Press. Send bids to him in my care.

Buy Some Spotted Poland

Special prices on tried sows and yearling gilts, bred or open. Good serviceable boars and fall pigs. Everything immunized and in thrifty condition. Very attractive prices on lots of five or more.

THOS. WEDDLE, R. 2, WICHITA, KANSAS

SPOTTED POLAND HOGS

Standard or English bred, either sex. Special prices on young boars; have a few Hampshires. All hogs registered and immunized. C. W. WEISENBAUM, Altamont, Kan.

SPOTTED POLAND CHINAS

Bred sows and gilts at farmers' prices for the next 30 days at Cedar Row Stock Farm. A. S. Alexander, Prop., R. 2, Burlington, Kan.

Curtis Spotted Poland

Reg. boars, \$35 each; gilts, \$30; August pigs, \$20; fall pigs, \$15. T. L. Curtis, Dunlap, Kan.

SPOTTED POLANDS—May boars, and bred gilts, immunized. Wm Meyer, Farlington, Kan.

Stafford County Purebred Livestock Ass'n

Stafford County has livestock as excellent in quality and rich in pedigree as will be found anywhere in the country. It is a good farming county, conveniently located with good railroad facilities to ship livestock to purchasers anywhere in Kansas and the Southwest. The Association has a membership of 52 farmers and breeders who raise the following purebred livestock: HORSES, Percheron; CATTLE, Shorthorn, Polled Shorthorn, Angus, Hereford, Galloway, Holstein, Jersey, Guernsey, Ayrshire; HOGS, Duroc Jersey, Poland China, Berkshire, Chester White. When a County Association has 52 members raising purebred livestock, prospective buyers are sure to find what they want upon investigation. The secretary of the association will be pleased to put buyers in communication with parties having livestock to suit the wants of the inquirers. Write, phone or call on

Dr. S. N. Myers, Secretary, Stafford, Kansas

Do it today. Be sure to mention Kansas Farmer and Mail and Breeze.

POLAND CHINA HOGS

POLAND CHINA HOGS

Walton's Poland China Spring Sale

15 tried sows and fall yearlings, 15 spring and early summer gilts. All immunized and bred for spring farrow. Sale at my farm, in pavilion, near

Cuba, Republic Co., Kan., Tuesday, March 15

Two herd boars will sell, my big herd boar, Big Jumbo Sampson and another splendid young boar, Double Monarch. This is an offering of select sows and gilts of the most popular breeding. They are well grown and have been carefully fed and bred with their future usefulness always in mind. Catalogs are ready to mail. Address

J. H. Walton, Cuba, Kansas

Will Myers, auctioneer.

Note: We will also sell some good farm horses.

Public Sale of Poland Chinas

30 Poland China sows—all pure-bred, immune and bred for spring farrow, will be sold Saturday, March 5, 1921, at Sparks & McDaniel's sale barn, corner Jackson and Railroad Streets, North Topeka, Kan., at 1 p. m. sharp. Catalogs mailed upon request.

Updegraff & Son, Topeka, Kansas

bulls of a quality that is sure to improve your herds at attractive prices. But you must act at once to secure a bull as they should go out fast at the prices Mr. Taylor is going to close them out at. Write today to C. W. Taylor, Abilene, Kan.—Advertisement.

J. H. Walton's Poland China Sale

J. H. Walton, Cuba, Kan., Republic county, has been in the Poland China breeding business at that place for some years and has shipped Poland Chinas all over the corn belt. He has always found a ready demand for his surplus boars and his bred sows and gilts and very likely could sell all of them this winter to old customers and at good prices. However he is inviting Poland China breeders and farmers to his farm, Tuesday, March 15 to a public sale of bred sows and gilts. He is selling 15 tried sows and fall yearlings and 15 spring and early summer gilts. All are bred for spring farrow. The breeding is up to date and every individual has been carefully grown and it will stand out as one of the best offerings of Poland Chinas sold in Kansas this winter. Two splendid boars will be sold, both are recorded, one is a valuable herd sire that has been in use in the herd right along and the other is a younger boar. Write today for the catalog and plan to attend this sale.—Advertisement.

BY J. T. HUNTER

G. M. Shepherd Offers Fine Durocs

G. M. Shepherd of Lyons, Kan., is offering ten splendid big Duroc spring gilts for sale. They are real brood sow prospects and are bred for spring farrow. Their litters will carry the best blood of the breed. He also has eight fine spring boars that will interest Duroc breeders wanting a strictly high class boar. If you are on the market for Durocs it will pay you to write Mr. Shepherd for description, prices and breeding.—Advertisement.

Last Call for Schrock's Polled Herefords.

T. Schrock, Hutchinson, Kan., sells a nice offering of Polled Herefords at his farm 12 miles southeast of Hutchinson and 4 miles southwest of Yoder, Wednesday, March 2. Over 40 good cows, heifers, and bulls are to be sold in this dispersion sale. Good herd headers are scarce and here is a good opportunity to get a herd sire. Mules, purebred Spotted Poland Chinas and Shorthorns sell in the morning. Herefords in the afternoon. Six months time. Parties from a distance bring references. See last two issues of Kansas Farmer and Mail and Breeze for display advertisements giving breeding of this offering.—Advertisement.

Hinemans' Jack Farm

H. T. Hineman & Sons, Dighton, Kan., have one of the greatest, perhaps the greatest jack farms in the world. Kansas Chief is a jack known by jack men everywhere. He heads the Hineman stables. They showed this wonderful jack at the Panama Pacific International Exposition at San Francisco in 1915 and won world's grand championship. And that is not near all. The Hinemans have shown in 33 rings at Kansas state fairs since their winning at the Panama show and have lost but one blue ribbon. Hinemans have sent jacks out to all parts of the country and that firm now has calls from everywhere for their jacks. They start a card in this issue of the Kansas Farmer and Mail and Breeze. Their barns are full of jacks up to 154 hams. They give a written guarantee with every jack sold. No more reliable firm exists than Hineman & Sons. Write today and please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Zink Stock Farms Will Have Another Sale

Whenever Zink Stock Farms hold a sale of Durocs they draw a good crowd and when the sale is over both those who hold the sale and those who buy Durocs are satisfied and in all sales held by other parties where the offerings have some Zink bred hogs those hogs nearly always top the sales. That speaks for the superiority of the Zink Stock Farms Durocs. For constructive breeding the Zinks stand second to none among Duroc breeders. Tuesday, March 15 they hold a spring sale of nearly as many hogs as they sold in their February 3 sale. The greater part of the offering of tried sows, fall yearlings, and spring gilts have been sired by their old standby, Unedda High Prion, known wherever Durocs are known in this part of the country. There will be some Sensation and Pathfinder bred gilts. A Pathfinder gilt will be offered as a special feature of the sale. Nearly all the females will be bred to the new sire, Great Sensation Wonder by Great Sensation. This offering is a group of females that could not be bred in time for the February sale and will be offered March 15 to those who were unable to get what they wanted in the winter sale. Buyers will find here a good offering. Don't forget the date. Write for a catalog. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

W. C. Hall & Son and Cline Bros. Sell Poland

To a large degree the buying public has lost all sense of values within the past few years. What one got for what he had to sell depended largely upon the speculative and competitive spirit of buyers rather than on the real worth of the offering. When one attended a registered livestock sale his guess as to what any certain animal might bring in the sale ring depended more upon what buyers attended the sale than upon the quality of the animal itself. We are now changing back to a firmer foundation where with lowered prices the speculation is going out of the registered livestock business and farmers can afford to buy good individuals from popular families without having to pay excessive prices. Farmers and breeders who have bought carefully within the last few years and have grown their herds from good foundation stock will weather the storm and profit by their carefulness. There are two Poland breeder firms at Coffeyville—Dr. W. C. Hall and Son, and Cline Bros. that have been building good herds right along and have not been extravagant but have built up good herds of Poland carrying the best blood lines. Monday, Feb. 28, they will combine their surplus Poland and have a sale at Coffeyville. In this sale go 18 tried sows, 9 fall yearlings, 23 spring gilts and 5 boars. Just notice the excellent sires that have produced this offering or to which the females are bred: Black Bob Wonder and D's Wonder, both by Caldwell's Big Bob, Hercules Liberty Bond, Liberty Bond, Kansas Black Prince, Liberty Bond, King, Williams' Wonder, Big Special, Gerstdale Jones, Giant Clan, Clansman, Orange Pete, Revelation, and Emancipator. (Note that these sires that produced or are bred to the offering are not sons of

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM
LIVESTOCK AUCTIONEER.
Sell all kinds. Book your sales early.
217 BEACON BLDG., WICHITA, KANSAS

P. M. GROSS, 410 West 12th Street,
KANSAS CITY, MO.

Homer Rule, Ottawa, Kan. Specializing in purebred sales. 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. Livestock Auctioneer. Special attention to purebred sales.

Fred L. Perdue, Auctioneer
4159 Tejon Street, Denver, Colorado

Sales made anywhere, any time.
LAKE BURGER, WELLINGTON, KAN.

FRANK GETTLE, Livestock Auctioneer
1033 Broadway, Kansas City, Mo.
Efficiency First. For open dates address as above.

DOGS AND PONIES

We accept advertising of only such purebred utility dogs for farm, ranch, poultry plant or home, such as Shepherds, Collies, Alsatians, Terriers, or such hounds as are kept to protect herds and flocks from predatory animals. Warning—Our guarantee does not cover transactions involving offers by advertisers to buy back offspring of animals sold by them.

REGISTERED SCOTCH COLLIE PUPPIES
2 mo. old; male pups, \$8 each; females, \$5.
L. A. Poe, Hunnwell, Kansas

POLAND CHINA HOGS

Poland China Sows and Gilts

from our prize-winning herd. Bred to grandsons of Liberator and Big Bob. Also fall pigs. We ship on approval.
PLAINVIEW HOG & SEED FARM,
Frank J. Rist, Prop., Humboldt, Nebraska

Silver Dale Farm Poland

I am not holding a public sale this year. For that reason my offering at private sale is exceptional. I am offering some real sale attractions, the best in my herd. They include daughters of Model Wonder, Great Master, Golden Gate Defender and Giant Wonder. Gilts all bred to Jumbo Joe; tried sows to Golden Gate Defender and Giant Wonder. If you want good ones, these will please you. They are priced to sell quick. Correspondence promptly answered.
O. R. STRAUSS, SILVER DALE FARM,
Route 1, Milford, Kansas

POPULAR POLANDS

Bred sows and gilts for March and April farrow. Tried sows bred to Hill's Col. Jack, a wonderful son of the noted Col. Jack, \$75 to \$80; registered. Hill's Col. Jack gilts bred to Giant Liberator, a great son of the famous Liberator, \$65; immunized. Satisfaction guaranteed.

W. H. HILLS, MILO, KANSAS

The Better Kind

of Poland Chinas at farm prices. Choice bred sows and some fall boars and gilts for sale.
Address, MYERSDALE FARM, Gardner, Kansas

ROADSIDE FARM POLANDS

March gilts, actual tops and well grown. Bred for March and April farrow. The blood lines are popular and the prices are right.
T. CROWL, BARNARD, KANSAS

Big Black Poland

Summer and fall boars and gilts that are growthy, and priced to sell. Also a few fall yearling gilts that are bred extra good.
E. M. WAYDE, R. 2, Burlington, Kansas.

Big Bone, Stretchy Poland

Spring boars and gilts ready for service; fall gilts and tried sows; fine fall pigs, both sex; immunized and recorded; priced to sell. Satisfaction guaranteed.
ED SHEEHY, HUME, MISSOURI

Purebred Big Type Poland China Gilts

Mated to purebred boar to farrow in April. Will trade for big jack. Am mule raiser. If you are a hog raiser we trade. Write today.
W. B. CREIGHTON, PROTECTION, KAN.

THE LONE CEDAR POLANDS

Gilts bred to The Yankee Jr. for April farrow, now ready to ship. Also some extra fine boar pigs of fall farrow by The Yankee Jr. He is bred the same as The Rainbow. A. A. MEYER, McLouth, Kan., R. 2.

Poland China Bargains

Service boars, bred sows, and gilts; 40 fall pigs. Sired by 1100 lb. boar, out of 700 to 800 lb. sows. Immune and guaranteed as represented.
OTTO PLAGAMANN, ALLENTON, MO.

Eden Valley Farm Big Type Poland

Popular strains, pre-war prices. Pigs \$15 and up. Tried sows, open gilts, young boars and fall pigs.
G. F. ULKE, UTICA, KANSAS

BIG BONED, STRETCHY POLANDS

Fall pigs, choice, well grown. Also bred sows. Priced within reach.
ANDREW KOSAR, DELPHOS, KANSAS

1200 LONGFELLOW, assisted by A. Wonder Hercules and the big Kansas winners. Service. Bred gilts and a few boars for sale.
James Nelson, Jamestown, Kansas, Route 1

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.

HAMPSHIRE HOGS.



Walter Shaw's Hampshires
200 head; registered; immune;
35 tried sows bred; 50 gilts;
service boars; best of breeding.
Wichita, Kan., R. 6, Tel. 3918.
DERBY, KANSAS.

WHITEWAY HAMPSHIRE

Sold on approval. Choice bred gilts weighing 250 to 300 pounds with quality and breeding. A few tried sows and fall pigs.
F. B. WEMPE, FRANKFORT, KANSAS

REGISTERED HAMPSHIRE HOGS

Spring boars and gilts; also one tried boar; excellent breeder. Priced to sell. C. R. Pontius, Eskridge, Kan.

CHESTER WHITE HOGS.

CHESTER WHITE HOGS

June boars and gilts, also my hard boar.
Bert C. Feaster, Selden, Kansas

BOOKING ORDERS FOR CHESTER WHITES
Sows farrowing now. Book your orders. Have some fall boars. Real herd sire prospects. E. E. Smiley, Perth, Kan.

REGISTERED CHESTER WHITE BOAR
For sale. Weight about 300 pounds. \$75.
Joseph J. Schmitt, Kinsley, Kansas

CHESTER WHITE BRED GILTS
Farrow in March. Prince Tip Top breeding.
J. C. Davidson, Tonganoxie, Kansas

O. L. C. BRED GILTS, \$30.00 EACH
E. S. Robertson, Republic, Missouri

CHESTER WHITE BOARS AND GILTS by
Bob Tip Top. W. H. Lynch, Neosho Rapids, Kan.

BIG BONED STRETCHY CHESTERS—Bred
gilts and boars. Verg Curtis, Larned, Kan.

DUROC JERSEY HOGS

Big Type Duroc Spring Boars and Bred Gilts

Pathfinder and Great Orion Sensation breeding. Every one immune. These are from giant sows. If you want the best, and priced worth the money write
G. M. SHEPHERD, LYONS, KANSAS

Woodell's Durocs

Some good spring and summer boars at farmers' prices to move at once; most of them sired by Chief Wonder, first aged boar at both Kansas fairs, 1920.
G. B. WOODELL, WINFIELD, KANSAS

BRED SOWS AND GILTS

Pathfinder's Image 273101
Peerless Pathfinder 342649
Bred to the whale of a boar, Greatest Sensation. Boars also.
W. R. HUSTON, AMERICUS, KANSAS.

ROADSIDE FARM DUROCS

Picked gilts by Pathfinder Orion and Ideal Giant. Best for March and April to Climax Sensation. Immune and farmers' prices.
FRED L. CROWL, BARNARD, KANSAS

Durocs Shipped on Approval
HOW IN THIS FOR BREEDING? Sows and gilts by Great Wonder Model, Kansas junior champion and half brother to Great Wonder I Am. Bred to Pathfinder Jr. by old Pathfinder. Immune. Record head-line of this advertisement and write us today.
HOMER DRAKE, STEELING, KANSAS

CHOICE BRED DUROC GILTS

From big type Duroc sows, of Pathfinder, Great Sensation, and Cherry King Orion breeding. High quality individuals. Priced low to sell quickly.
J. A. REED & SON, LYONS, KANSAS

Fogo's Duroc Sale Feb. 22

A valuable offering of sows and gilts bred to Fogo's Intangible, High Sensation Jr., Supreme Pathfinder and Stylish Orion. Send your name for our mailing list.
W. L. Fogo, Burr Oak, Kan. (Jewell County)

Sensation and Pathfinder

Good spring boars at \$40 each; extra gilts by Climax Sensation and Pathfinder Orion and bred to High Orion for spring farrow; also tried sows bred; August pigs, either sex. Prices will suit.
Henry Woody, Barnard, Kan., Lincoln County

Bred Gilts and Boars

Extra good big type gilts bred for spring farrow. Best breeding of the Sensations, Crimson Wonders, Orions, and Cols. families. All immune and priced right.
ERNEST A. REED, R. 2, LYONS, KANSAS.

Extra Good Bred Gilts

Spring and summer yearlings of Pathfinder and Orion breeding bred for September farrow to High Orion Sensation and Chief Pathfinder. Young herd boars by Pathfinder and Great Orion Sensation. Write us about good Durocs. GWIN BROS., MORROWVILLE, KAN.

REGISTERED DUROCS FALL PIGS

Either sex; also a number of older males and gilts; all well grown and good ones. J. E. Weller, Holton, Kan.

DUROC SPRING BOARS AND GILTS

For immediate shipment. Priced reasonable.
R. F. GARRETT, STEELE CITY, NEB.

VALLEY SPRING DUROCS

Big type bred sows and gilts; boars all ages; Sept. pigs, unrelated; popular breeding; registered; immune; priced right; good terms. E. J. Bliss, Bloomington, Kan.

MUELLER'S DUROCS

Bred sows and gilts. Boars ready for service. Pigs, either sex. Pathfinder strain. Priced to sell. W. K. Mueller, St. John, Kan.

REGISTERED DUROC BOARS, \$30 AND \$35

Bred sows and gilts, fall boars and gilts, at farmers' prices.
G. W. Hageman, St. John, Kansas

BERKSHIRE HOGS.

BRED BERKSHIRE SOWS, RED POLLED BILLS. Victor Farm, Lawrence, Nebraska.

When writing advertisers mention this paper.

noted sires but are the noted sires themselves. It is very doubtful if any sale held in Kansas, Oklahoma, or Missouri this winter will have any better blood lines than will be found in this offering. Now is the right time to buy a bred sow or a good boar to put to work on the farm to produce more and better pork. Plan to attend the Hall & Cline joint sale at Coffeyville, Kan., Monday, Feb. 28. Write Dr. W. C. Hall, Coffeyville, Kan., for a catalog. Please mention the Kansas Farmer and Mail and Breeze.

BY E. S. HUMPHREY

A Dispersion of Champions.

It is doubtful if there will be a sale this spring of greater interest to breeders of Jack stock and Percherons than the dispersion sale of Wilmer L. McIlroy, Louisiana, Mo., March 17. This dispersion marks the closing of a herd that has been high among the great producing herds of the corn belt for the last 40 years. Manufacturing interests which have been continuously growing greater have taken Mr. McIlroy away from Louisiana and forced this dispersion. The offering to be sold will include some of the best Jack and Percheron prospects to be sold this season. Heading the list is the great show and breeding Jack, Squire Haines. This Jack has been grand champion at the Illinois State Fair twice and has several times been first prize Jack at the Missouri State Fair. He sired the largest Jack ever produced in America, a Jack that sold as a four year old weighing 1300 pounds in breeding condition. Squire Haines comes rightfully by his great size, good conformation and breeding ability. His sire was Alexander Wellington, a Jack for which Squire Haines paid L. M. Monsees \$1600 when that was a top price for any kind of Jack stock. Alexander Wellington is now 21 years old and still doing active service. The man who wants a great sire to put with his Jennets and one that will also sire real draft mules should be on hand when Squire Haines goes under the hammer. The remaining Jacks to be sold include stock from yearlings on up. There will be several of the younger ones sired by Squire Haines. Some of the older ones are tried Jacks with great mules producing records. The Jennets to be sold are truly a hand-picked lot. Mr. McIlroy has always made a habit of hunting up the mothers of great Jacks and buying them for his herd. He has figured that great producers were more reliable as money makers than exceptional show individuals without the ability to reproduce their individuality. The Jennets are mostly good ages and show in foal to Squire Haines. The Percheron mares are a good lot thruout and are in foal to good sires with the exception of two which are in foal to a Jack as Mr. McIlroy figured on raising a team of show mules. The Percheron stallions are all of good ages running from long yearling to rising 4-years-old. There are several prize winners among them. This sale will be one of the best to be held and should be an attractive sale for buyers as the dispersion will offer animals that could not be priced otherwise. The future for the horse and mule business was never better and the time to buy is when the general average of market prices is not high. Be on hand March 17 and profit by taking home a good one from this sale.—Advertisement.

BY G. L. BORGESON

Stone & Sons' Spotted Poland Sale

On March 19, at Nehawka, Neb., R. B. Stone & Sons will sell 40 outstanding sows and gilts, bred to three of the best boars the breed has produced. Although this is Stone & Sons' first sale, they, nevertheless, have been able to prepare an offering so attractive and so desirable in every way as to command the attention of all farmers and breeders wanting top notch material. Very few herds have been laid upon as good a foundation as the Stone herd, and it is indeed doubtful if a better lot of sows and gilts were ever listed for sale. The offering includes 20 spring gilts by Arbis Model, Spotted Pathfinder, English Lord, and King Spot; 20 tried sows by King of England, Spotted Gerstade, Beaver Lad, Duke of England, Dresher's Spotted Duke, and Giant Blue Bell. The gilts are a handsome lot and have been grown for their future usefulness. The tried sow list contains many of the best producing individuals. The offering is bred to English Lord by Duke of England, Nehawka Pride by Arbis Model, and Obena's Big Boy was the second prize junior yearling boar at the 1920 Nebraska State fair, and a large portion of the offering has been bred to him. If you don't want Spotted Polands with fashionable pedigrees and real merit, don't come to this sale. You will want a catalog. Write for one, and mention the Capper Farm Press.—Advertisement.

Stooker's Sale of English Spotted Polands

One of the breeders who has made rapid strides in the Spotted Poland business is R. H. Stooker of Dunbar, Neb. On March 18, Mr. Stooker will sell 70 bred sows and gilts at Nebraska City. The entire offering carries a large per cent of English blood, and anyone wanting the English blood, which is the most popular in the breed today, can satisfy their demands at this sale. Stooker is selling 15 head of 1/2 blood English sows bred to English Type Builder, his 3/4 blood English boar. This will give you a chance to have some 1/2 English litters. English Type Builder is one of the highest priced young boars of the breed and if you want a litter that will attract attention buy a sow bred to him. The offering comprises 20 spring gilts, 30 fall yearlings, and 20 tried sows. Other boars to which the sows in this offering have been mated are King Big Bone 1st, King Big Bone 2nd, and a son of the English Giant. This offering contains the most popular blood of the breed and you can select any particular line of breeding you want. Stooker has prepared an offering that will please you, and it will be to your advantage to attend this sale. Henry Field sells at Shenandoah, Ia., March 17, and as Nebraska City is only 30 miles from Shenandoah you can without any difficulty, come direct to Stooker's sale the following day. R. B. Stone & Son sell at Nehawka, March 19. Make arrangements to attend all three sales. Write for a catalog of the sale to R. H. Stooker, Dunbar, Neb.—Advertisement.

BY J. COOK LAMB

Zimmerman Sells Durocs March 5

Guy Zimmerman, of Morrowville, Kan., is selling 35 head of Duroc sows and gilts in Fairbury, Neb., on March 5, 1921. These sows and gilts are by some of the breed's best boars and are bred to Defender Sensation, a grandson of Great Orion Sensation. Mr. Zimmerman has not kept the correct breeding dates on this lot. All will farrow from the last of March to the last of April. A good place for farmers to get in and buy some good blood.—Advertisement.

DUROC JERSEY HOGS

DUROC JERSEY HOGS

Zink Stock Farms Sale of Durocs

Turon, Kan., Tuesday, March 15

Tried sows, fall yearlings, spring gilts. The greater part sired by our Uneeda High Orion, one of the most probably known sires in Kansas and the Southwest. There will be some Sensation and Pathfinder bred gilts. One special feature of the sale will be a Pathfinder spring gilt.

Nearly all the offering will be bred to our great big junior herd sire, Great Sensation Wonder by Great Sensation.

This offering is a group of females that we could not get bred in time for our February sale. It will be a nice offering and you will appreciate it. Be with us at Turon, Kan., March 15. Write today for catalog. Please mention Kansas Farmer and Mail and Breeze.

Zink Stock Farms, Turon, Kansas

Jno. D. Snyder, auct. J. T. Hunter will represent the Mail and Breeze.

Fern Moser's Annual Bred Sow Sale

His 1920 bred sow sale made the highest average ever made in Kansas. The 1921 offering is better but no such an average is expected. Sale in modern sale pavilion.

Sabetha, Kansas, Tuesday, March 8, 1921

40 Aristocrats of the kind that never fail to make money

14 by Joe King Orion, 9 by Golden Wonder, one by Pathfinder, 2 by Great Pathfinder, one by Great Sensation, 2 by Pathfinder I Am, 3 by Defender's Top Col., others by Smooth Giant, Cherry Chief, Orion's Cherry Col. 2nd, Longview's Valley Chief, King Orion, King Col., etc., etc. Bred to Joe King Orion, Golden Wonder, Joe King Wonder, Crimson Pathfinder. Write for catalog now. Address,

Fern J. Moser, Sabetha, Kansas

Auctioneer, F. M. Holsinger. J. W. Johnson, representing Mail and Breeze.

Guy Zimmerman Sells 35 Head of Duroc Gilts and Sows At Fairbury, Nebraska, Saturday, March 5, 1921

Bred to Defender Sensation, a grandson of Great Orion Sensation. All bred for last of March and April farrow.

250 BRED SOWS

Durocs with bone. Tried sows, spring and fall gilts bred to Pathfinder and Sensation boars, guaranteed immune, and in farrow. Pay after you receive them.

F. C. CROCKER, BOX B, FILLEY, NEB.



BRED GILTS

Coming from some of the foremost families of the breed such as: Orion Cherry King, Joe Orion 2nd, Illustrator 2d, and Defender. Bred for March and April farrow. Joe's Orion Friend Walt, son of the great Joe Orion 2d, heads our herd. Special prices on lots of three or more. Come and see them or write immediately.

ROSS M. PECK, GYPSUM, KANSAS

PATHFINDER SPRING GILTS

as well as fall boars. Some sired by Pathfinder. Registered, immune, guaranteed. We prepay express charges.

OVERSTAKE BROS., ATLANTA, KANSAS

1883—Searle Durocs—1921

38 years of constructive breeding combined in every animal you buy from us. Registered, immune, bred sows reasonable. Searle & Searle, R. 15, Tecumseh, Kansas

BERKSHIRE HOGS.

BERKSHIRE HOGS.

Sunnyside Farm Berkshire Sale



At Farm Near

La Mine, Mo.

(Cooper County)

March 17, 1921

We have selected fifty head of choice sows and yearling gilts bred to our first prize and champion herd boars.

They are a useful lot for farmers and breeders including a part of our 1920 show herd.

Please send for our nicely illustrated catalog and plan to attend our sale.

T. A. Harris & Sons, LaMine, Mo.

O. Wayne Devine will represent this paper at sale.

Allis-Chalmers 18-30

3-4 Plow

3000 lbs.
Constant
Drawbar Pull



How Seven Years' Development Gave Tremendous Reserve Power

DEEP plowing—*quick plowing*—that's the test of a tractor. It's a race against time and the weather—and your tractor must deliver tremendous power at high speed!

But with speed must be combined abundant reserve power. The going is fine on the level, but what of the grade? The draft for a time holds constant, but wait for the hard pans you strike farther on down the field!

Surely, the farmer who is buying a tractor should look first to the factors of *power and speed*.

\$3,000,000 to Build Brute Reserve Into This Tractor

Seven years ago, when work first began on Allis-Chalmers tractors, the designing of an engine was entrusted to America's foremost consulting engineers.

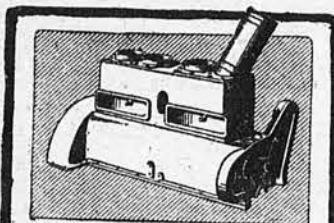
Scores of *different* motors were produced in order to arrive at final design. After being assembled, each was "run-in," and then torn down for inspection. Then every motor was re-assembled again—given another test.

So Allis-Chalmers re-designing went on—care, skill and persistence constantly guiding every construction operation. New power standards were sought—new power standards attained. Motor vibration was made no more noticeable than in the finest motor car or truck.

After years of testing, proving and improving, a complete A-C 18-30 tractor was built. Long-time tests were conducted—in every kind of soil. But production was still delayed! Finally a limited number of A-C 18-30's was released. Would they deliver the brute reserve that Allis-Chalmers wanted?

That Allis-Chalmers tractors more than made good is a proven fact today. Not a single A-C 18-30 owner made complaint. And now Allis-Chalmers tractors are perfected. Now, after seven years' development—*climaxing the expenditure of \$3,000,000*—one of the world's largest manufacturing organizations goes into volume production!

Burns Kerosene—All Working Parts Accessible



THOUGH only a detail of construction, the removable cylinder sleeves of the A-C 18-30 motor illustrate what a feature has been made of accessibility throughout the entire tractor. Should any cylinder become worn or damaged, the use of a new sleeve helps to practically renew the motor.

The perfected four-cylinder valve-in-head 18-30 motor starts on gasoline, and after warming up works equally as efficient on kerosene. A twin-bowl carburetor and a two-way intake valve enable operator to switch from one fuel to another without leaving the driver's seat. It is nothing unusual for 18-30 owners to plow an acre an hour with a fuel consumption of only 2 gallons per acre.

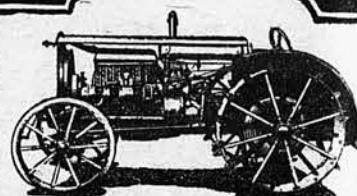
WRITE FOR BOOKLET TODAY—Ask for the 18-30 or the 12-20 booklet—or both—giving complete details of exclusive Allis-Chalmers construction features which make these tractors so advanced in design.

Then, too, the A-C 18-30 owner is his own mechanic. Though enclosed in dust-proof housings, every working part is almost immediately accessible. Removal of two large side inspection plates exposes entire crankcase; clutch shoes can be taken out for re-lining in 15 minutes; valves can be reached for grinding or cleaning of carbon by removal of two cylinder heads.

DEALERS—Write today for attractive dealership and jobber proposition. Share in the mammoth sales co-operation program which goes with Allis-Chalmers 100-tractor-a-day production capacity!

ALLIS-CHALMERS MFG. CO., DEPT. 13D Milwaukee, Wis.

Watch **ALLIS CHALMERS** this Year



NOW—the A-C 12-20!

Seven years [and \$3,000,000] were spent in perfecting the A-C 18-30. Now every proven feature developed in this model has been incorporated into the new A-C 12-20 2-3 plow tractor. Reserve power, long life, accessibility, simplicity—these are 12-20 features you'll appreciate. And large scale production—combined with the enormous buying power of this \$42,500,000 company—makes this tractor, like the 18-30, one of the greatest values in the country.