

KANSAS SECTION THE CAPPER FARM PRESS



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J. W. Johnson
FIELDMAN
Kansas Farmer and Mail and Breeze



Letters Fresh From the Field



Half the Farmers Reported "I Buy My Seed Of Henry Field"

WHY? A few of the leading farm papers recently sent a question blank to several thousand farmers asking where they buy seed and why. Over half reported they bought by mail and 50% said, "I Buy My Seed of Henry Field." They gave as their reason:

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Henry Field Seed Co.,
Box 3040 Shenandoah, Ia.

FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

A Hard Blow for Farmers

About two years ago deflation began its work on the products of the farm. At that time the farmers of Kansas had one crop on hand which was raised at the peak of war prices, and another crop seeded under similar conditions. Both of these crops were sold for less than one-half the cost of production. The drop in livestock was even more drastic, and today in this splendid agricultural state the farmers are well nigh ruined financially. The enormous expense of raising those crops and the insignificant return has done its work. It is pathetic to see how many have become insolvent now who were in fair circumstances a few years ago. They seem to have lost their morale. They have a feeling that somebody has robbed them. There is some encouragement in the remedial legislation which has been enacted into law by a friendly Congress and thru the untiring efforts of the agricultural bloc which we appreciate but which have been of little value so far.

Mr. Editor, I fear that the War Finance Corporation will be of little help to the farmers. It is at best only an emergency measure and can bring no lasting benefit as long as the farmer produces at a loss. Money borrowed in this way may postpone the end, but the crash will be the more drastic, when it does come. During the Great World War the Government set a minimum price on wheat and made money by so doing, why not do likewise on the coming crop, set the price a little above the cost of production and preserve a basic industry which is in the throes of dissolution, and the ruin of which will bring distress to every line of business.

J. S. Little River, Kan.

Capper Demands a Square Deal

We farmers are behind Senator Capper in his efforts to get a square deal for us. We only ask to be put on an even basis with other organized businesses.

We believe that if France will not limit the size of its army and navy, including submarines, it should be required to pay its war debt before it is permitted to build any more ships. I believe if America, Great Britain and Japan would make a demand on France to pay its war debt it would not be able to pay for any more ships.

Scandia, Kan. C. K. Applegate.

Taxes Prove a Heavy Load

I reported some time ago that taxes in Wilson county were about \$60 higher on every 160-acre farm and personal taxes are that much higher in proportion. Wilson county has built gravel roads as follows: Fredonia to Neodesha, 17 miles; Fredonia to Fall River, 8 miles; Fredonia to Benedict, 11 miles; and Capital Highway, 24 1/2 miles. Our county is in debt between \$600,000 and \$700,000 and besides this every township is bonded for 25 per cent where roads pass. This will make our taxes high for the next 10 years.

Leroy, Kan. Ira W. Baker.

At the present prices for farm prod-

ucts it will leave very little, after taxes are paid, hence very few improvements are made and we still are charged double price for what we have to buy. Lumber is now more than double. No. 1 fencing is selling for \$8, shiplap for \$6.50, shingles for \$6 to \$7. School teachers who used to ask \$40, now demand \$75 to \$125 a month. Doctors used to charge 50 cents a mile, but now collect \$1 a mile. But despite all this we farmers are going to do our best to pull thru without borrowing any money. If we can't make 3 per cent on our investment, what is the use to borrow money at 8 per cent? Our bank account is down to zero.

Wilson County. Adolph Anderson.

Grain Marketing in the Future

The time is not far distant when the farmers of America will have an effective organization so far as the wheat market is concerned.

By the organization of a holding company the farmer can be his own banker, speculator, and insurance company. The holding company which will be composed of the farmers will employ a manager who may build bins along the railroad track by floating a bond issue for a term of 10 years. Every farmer will pay into a sinking fund annually for the purpose of retiring the bonds at the end of their term. These bins will cost \$500 for every 1,000 bushels of wheat stored. This will require the payment of \$50 annually for 10 years after which time the farmer will own his bin and no more payments will be required. This means 5 cents a bushel a year.

At threshing time the farmer hauls his wheat to the bins of the local holding company where he is paid the full market price for his wheat. If he has 1,000 bushels and the market price is \$1 he is paid \$1,000 but instead of paying him cash he will be given 10 certificates of \$100 apiece which he is to carry until the wheat is sold by the holding company or at the election of the farmer. If the farmer is in need of money he can cash one or more of these certificates at any time and when such certificates reach the office of the holding company they will be stamped and the farmer will be charged interest at the rate of 6 per cent until the wheat is sold. Therefore if the farmer needs but \$250, the total cost of interest to him for carrying his wheat thru a period of 1 year is but 1 1/2 per cent altho the wheat will likely be carried eight months at the most and therefore costs him but 1 per cent. Even if he needs all his money it will only cost him 4 per cent for carrying it this length of time.

By means of such holding companies the farmer becomes a speculator on his own production, controlling to a great extent the market. He will be his own banker so far as the wheat production is concerned and his own insurance company, or rather will be producing money for his own insurance at a greatly reduced cost. In other words he carries the wheat until the mills are ready for it at a price which will insure him a profit for doing this.

When this becomes effective the parasites living on the speculation of the farmers' labor will perish for the farmer will carry his wheat at a less cost than it ever has been done before and he will then know that he can produce wheat at a profit.

Leroy, Kan. Ira W. Baker.

The Kiel canal is 61 miles long.

Kansas Tops the List in Wheat

BY J. C. MOHLER

DURING the five years of war Kansas increased its annual average seeding of wheat 34.5 per cent; while other states of the Union increased their seedings but 23.6 per cent. In wheat produced Kansas increased 43 per cent, compared with an increase of but 24 per cent in other states.

Uncle Sam says that Kansas raised one-seventh of all the wheat produced in this country in 1921, and 22 per cent of all the winter wheat. Kansas raised one-fifth of all the wheat in the United States in 1914 and the crop exceeded by 19 million bushels the entire wheat production of Canada that year.

Kansas is the largest producer of hard winter wheat of any political unit in the world. In the past decade Kansas produced wheat worth \$1,367,332,173. Kansas leads all states in wheat production.

FREE To Land Owners!

Send your name and address and get this handy reference book FREE. You wouldn't take several dollars for it if you couldn't secure another. It tells how to measure land, contents of buildings, bins, tanks, etc. How to figure interest, wages, etc.—you'll find the answer to practically every farm problem in this book. We will also send you free catalog of

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19 1/2 CENTS A ROD and up for a 36 inch Hog Fence; 28c. a rod and up for 47 inch. **WE PAY THE FREIGHT.** Low prices Barbed Wire. Factory to User Direct. Sold on 30 days FREE TRIAL. Write for free catalog now.

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8 ELBERTA PEACH TREES... \$1 Postpaid
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Full line guaranteed nursery stock. **PRICES GREATLY REDUCED.** Don't buy until you know the big saving make you. Send for Catalog, FREE. Write today. **Fairbury Nurseries, Box J, Fairbury, Neb.**



KANSAS FARMER and MAIL & BREEZE

February 11, 1922

By *Arthur Capper*

Vol. 60 No. 6

Today a Good Time to Start

Opportunities in Purebred Livestock, Due to Low Prices and Abundance of Cheap Feed, Never Were Better for the Average Man on the Farm

NEVER has the outlook for the purebred livestock business been better than it is now nor the opportunities in it greater for the man who is interested. Prices today are as low or lower than at any time during the last 25 years. The opportunity to make a start is one that does not often come because the investment necessary now is small. The low prices are not due to overproduction but to under-financing or no financing at all. If the financial problem is worked out successfully this opportunity will not long exist.

For the last quarter of a century I have been a livestock advertising field man. My work has kept me in constant touch with purebred livestock thruout Northern Kansas and more remotely with the industry in Southern Kansas and in Oklahoma, Missouri, Colorado and Nebraska.

And out of that contact with breeders and farmers and my experience and observation in the field, I am thoroly convinced that ahead of us lies a great development in purebreds, not so much in specialized breeding, altho that will be very important, but on the average farm and by the average farmer.

Excellent Chances for Farmers

That is why I am willing to say that there is a wonderful opportunity for farmers today in getting started with purebreds. I know the majority of farmers believe in purebred stock because they are convinced it is most efficient and will yield greater net returns from feed and care.

No farmer today buys a grade boar. He can't afford to do so. Few farmers buy grade bulls and grade stallions are mighty scarce in Kansas.

When I started out as a fieldman 25 years ago with the Western Breeders' Journal of Clay Center, of which I also was half owner, the breeding of purebred livestock was what might well be termed a fad. It seems to me that the most important change that has taken place since that time is the development of breeding. The faddish characteristics have disappeared. Every farmer today is a convert to good breeding practices and follows them with his livestock more or less.

If a hog was alive and could squeal 25 years ago the average farmer and packer buyer seldom made further inquiries regarding it. Almost as little attention was paid to cattle. Today hog buyers look for quality and demand it. The old

By John W. Johnson

range steer of the Nineties was a wonderful horn producer but he was short on steaks. The fat steer of today is short on horns but he produces an abundance of meat.

The progress of the purebred business can be gauged by the present disregard of a hog's ability to squeal and the lack of attention given to the length and spread of a range steer's horns.

I never had heard of a fat stock show when I began soliciting livestock advertising but now some of the biggest shows of the country are built

LIVESTOCK advertising fieldmen have done much for the purebred livestock industry in the last quarter of a century. Their work has been accomplished without press agenting or public announcement. Yet they are as much pioneers in this field as the breeders and their contribution to the development of the business, while perhaps not so vital as that of the men who have produced better hogs and cattle and horses, has been important. John W. Johnson is one of the first livestock advertising fieldmen in the country. For 25 years he has been engaged in this work. In this article he tells of his experiences, the lessons he has learned and points out the road that lies invitingly ahead, which, if traveled, will lead to a greater accomplishment and prosperity than the back trail has yielded.—The Editor.

around excellent fat livestock in perfect condition.

The fieldman has played his part in this drama of the farms and feedlots. Thru his efforts the audience has been kept informed of what was going on. He has carried from one community to another the helpful lessons learned by breeders who were pioneering the field. To him many farmers have come for advice and information about blood lines. Often he has helped in the selection of foundation stock and sometimes he has acted as agent in purchasing it.

But the fieldman of the future has even a bigger part to play in the development of the purebred livestock business, especially the farm paper field man. The great thing he must do is to encourage the breeder in growing good stuff and in holding down his overhead so he can afford to sell stock to farmers to put on their farms where it really belongs. The tendency to make a fad of purebred livestock is passing; it has pretty nearly passed now. The farmer of the future is going to buy purebreds more than he ever has in the past and breeders now appreciate that fact. It is one of the fieldman's duties to co-operate with both the breeder and the farmer to make this possible and economically feasible by being profitable to the farmer. Only in that way can breeders realize the greatest returns from their business.

It is a far cry from the open road wagon and the cheap grade horse of 25 years ago to the luxurious Ford used by fieldmen today. Then I was working as county circulation solicitor on the Clay Center Dispatch for \$10 a week for myself and my horse and buggy.

My Experience as a Publisher

A. L. Wiley, a Clay county farmer, imbued with the great need of the purebred livestock interests of the Middle West had started the Western Breeders' Journal. My brother, Jesse, went to work for Wiley soliciting advertisements and subscriptions among the stockmen. It was after a trip he made to Central Kansas, returning with glowing accounts of the herds he had seen, that he and I decided upon buying out Mr. Wiley.

We found him willing to sell and we bought the paper without paying down a dollar, the agreement being that he was to receive \$25 a month. With a combined capital of less than \$50 overnight we became publishers, editors and fieldmen of the only strictly breeders' paper west of the Mississippi River.

The events that followed were full of tragedy and comedy. Our assets were what we did not know and we realized fully on them from our experiences in conducting this paper. We hired Ben Powers of Manhattan as editor, paying him just enough to buy his food and to pay rent on a room. The paper was printed by C. A. Southwick, publisher of the Dispatch.

To start we had 600 subscribers and within six months we increased the (Continued on Page 10)

A Silo Brings Larger Profits

By Lloyd Nicolay

THE great advantage in having a silo, of course, is to prepare a succulent ration for livestock. However, in considering the use of a silo we must not overlook the many advantages derived from its use. The silage is usually prepared in the fall thus placing the feed where it can be fed easily and conveniently during the stormy winter months. By the use of a silo one man can do his feeding much faster or can take care of several times as many cattle as he could if he used the old method of going out in the field and getting his feed from the shock. Many seasons are such that one cannot have an ideal crop in wet years and often the crop becomes infested with weeds, and it has been the writer's experience and observation that where these weeds are not dried up when silage is made that they will be relished by livestock and cattle.

Saves Crops in Dry Seasons

Then during a dry season our crop often will not mature any grain and this forage without any grain on it if properly preserved will make a splendid silage. The use of the silo in drouthy seasons cannot be easily overestimated as feeds of all kinds in such seasons are usually scarce and high priced. Another big advantage obtained from the use of the silo is that in years when there is plenty of cheap feed one can put this crop in the silo and preserve it for a short crop season, because the silage if put in a good air-tight silo will keep indefinitely. Often I have carried silage over from one year to another and in the fall when the grass dried up I fed the silage and my cows showed no shrinkage either in milk or flesh. The use of a silo also enables one to save at least 90 per cent of corn or sorghum crops.

The use of the silo enables one to keep a greater number of stock on the same number of acres. Silage is relished by nearly all kinds of livestock and it is especially good for cattle and sheep. Horses like it very much but they should not be forced to live on it exclusively as I have known of bad results when they received nothing else. I have passed thru seasons when feed was very scarce and high priced and I would winter my horses on silage for about one-half the usual ration and thereby saved many dollars worth of high priced hay.

Silage is also good for hogs to a certain extent. I have passed thru seasons when the grain didn't mature and I was forced to buy it at a high price. Then I feed silage to my brood sows and by so doing save several hundred dollars' worth of high priced corn. I saved about 50 per cent of the grain by feeding silage and got good litters and strong pigs. Chickens will eat a limited amount of silage and I believe from experience and observation that it is beneficial to them. Silage has proved very successful for wintering or fattening sheep, however, in preparing silage for sheep care should be taken to avoid any moldy material.

Silage will prove a very economical feed for cattle of all kinds. The dairyman especially is beginning to realize that silage makes it possible for him to have a ration equal to June pasture the year round. Of course best results cannot be obtained from feeding silage alone but I have known cattle to be wintered on silage alone and come thru in good condition. This is not recommended, however, the best use of silage can be obtained by

feeding it along with some other feed rich in protein, such as alfalfa, clover, cowpeas, and hay, or some concentrated feed such as cottonseed meal, oil meal or cake. I get splendid results from my stock cattle by feeding all the silage they will clean up and a pound or 2 pounds of cottonseed meal a head daily. I also get excellent results from feeding all the silage and alfalfa hay they will eat.

Be Careful in Feeding Calves

For calves drinking skim milk it is best not to feed very much silage until they get past the stage where they are subject to scours, then feed silage and shelled corn or corn chop along with the milk and the calves will do excellently. As silage is not usually rich in protein one will have to use good judgment as to the amount of protein the calf is getting from the milk. Something like oil meal or bran may have to be added to balance the ration with silage. For my dairy cows I feed all the silage the cattle will clean up along with all the alfalfa hay they desire, then I feed a mixture of grain according to the amount of milk a cow gives. Silage for fattening cattle has proved very successful. Thru its use many breeders have been able to lower the cost of fattening cattle.

Many farmers do not have alfalfa or clover hay and do not care to buy any concentrated food but they have unlimited amounts of straw. In such cases one can take plenty of silage and allow the cattle to run to the straw stack and get them thru winter in a fair condition. I have wintered a few cattle in this manner and was very well pleased with the results. I believe a silo that is large enough to meet the needs of a farmer is a splendid investment on practically every farm.

<p>DEPARTMENT EDITORS</p> <p>Livestock Editor.....T. W. Morse Farm Doings.....Harley Hatch Dairying.....J. H. Frandsen Medical Department.....Dr. C. H. Lerrigo Poultry.....I. B. Reed Farm Engineering.....Frank A. Meckel</p> <p>Entered as second-class matter February 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.</p> <p>ADVERTISING RATE</p> <p>80c an agate line. Circulation 120,000.</p> <p>Changes in advertisements or orders to discontinue advertisements must reach us not later than 10 days in advance of the date of publication. An advertisement cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted up to and including Saturday preceding issue.</p>	<p>KANSAS FARMER and MAIL & BREEZE</p> <p>Member Agricultural Publishers Association Member Audit Bureau of Circulation</p> <p>Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.</p> <p>ARTHUR CAPPER, Publisher</p> <p>F. B. NICHOLS, Managing Editor T. A. McNEAL, Editor JOHN W. WILKINSON and RAY YARNELL, Associate Editors CHARLES E. SWEET, Advertising Manager</p> <p>SUBSCRIPTION RATE: One dollar a year</p> <p>Please address all letters in reference to subscription matters direct to Circulation Department, Kansas Farmer and Mail & Breeze, Topeka, Kan.</p>	<p>DEPARTMENT EDITORS</p> <p>Farm Home Editor.....Mrs. Ida Migliario Assistant Farm Home Editor.....Florence K. Miller Horticulture.....John W. Wilkinson Young Folks' Pages.....Kathleen Rogan Capper Pig Club.....E. H. Whitman Capper Poultry Club.....Mrs. Lucile A. Ellis</p> <p>No medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.</p> <p>ADVERTISEMENTS GUARANTEED</p> <p>WE GUARANTEE that all display advertising in this issue is reliable, and should any subscriber suffer financial loss thru fraudulent dealing resulting from such advertising, we will make good such loss. We make this guaranty with the provisions that the transaction take place within one month from the date of this issue; that we are notified promptly, and that in writing the advertiser you state: "I saw your advertisement in Kansas Farmer and Mail and Breeze."</p>
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Passing Comment—By T. A. McNeal

RECENTLY in the columns of the Kansas Farmer and Mail and Breeze I stated that in all my newspaper experience I never had known of so many farmers who contemplated taking advantage of the bankruptcy law as at the present time and wondered just what might be the explanation.

I have received a number of letters from subscribers who seem to think the explanation lies in the fact that farmers are in a desperate financial condition and are therefore driven into bankruptcy.

There is no sort of doubt but that farmers are suffering from a very serious financial depression, but then I have known times when Kansas farmers were certainly as bad off as now and I think worse and comparatively speaking, they were as deeply in debt as the farmers are now. I think they were worse off in the matter of indebtedness than now but I do not recall that any considerable number of them went into bankruptcy court for relief.

I am not criticising these farmers who write me asking what steps to take to go thru bankruptcy. I assume that they feel that they cannot save themselves any other way. I do not know whether these farmers are making a mistake or not. At any rate I do not intend to sit in judgment on the acts of any man without knowing the circumstances or conditions under which the acts were performed.

The Taxpayers' Leagues

THERE seems to be a disposition in certain quarters to assail the taxpayers' leagues that are being organized. Whoever attempts to defend them is regarded by these critics as a bolshevist.

Now it is quite probable that there are extremists and impractical men who take part in organizing these leagues. That is always true of organizations of that kind. These men make assertions and demands which are absurd, but the purpose of the league is entirely proper and practical.

The sensible and conservative men in these organizations desire to find out two things: first, how much money is being spent by the taxing bodies and how it is being spent, and second, what saving can be made. They do not in all probability charge that there has been any graft on the part of the officials but there may have been extravagance and even if there has not been extravagance it may be that savings can be effected without detriment to the public. Now I insist that it is not only the right of the taxpayers to do all this but it is their duty, for this is their Government and they have a right to know all about it and insist on any changes that would be for the public good.

The extremists and unreasonable men are not in the majority in Kansas; on the contrary they constitute only a small minority, but they are likely to make a noise out of proportion to their number and sometimes it looks for a time as if they might stampede the conservative majority, but that is only temporary, especially among the farmers, who notwithstanding the impression that seems to prevail in certain quarters, are really a very conservative class of men.

The Washington Conference

HAS the Washington Conference amounted to anything? Has it made any progress toward establishing a world wide and lasting peace? I hear these questions asked frequently. Yes, I think it has accomplished a great deal and I think the best thing about it is what it will lead to ultimately.

It will limit naval construction, stop it almost entirely for a period of 15 years. True the nations that have navies will continue to have bigger navies than in my opinion they have any need for, but if this agreement is really lived up to, at the end of 15 years the navies won't amount to a great deal. The big battleships will be old and out of date and I think by that time the people of the various nations will have learned that they do not need navies, so that what ships are left will also go to the scrap pile.

Poison gas is barred by this agreement. Now I will admit that if another war breaks out poison gas will be used in all probability notwithstanding this agreement, but it is considerable to get all the leading nations to make such an agreement.

China is to be given a square deal, the first it has ever had such treatment. I mean that it will be given a square deal, if the agreement arrived at in the Washington Conference is lived up to and somehow I have faith to believe it will be lived up to for the most part.

So I think there has been a great deal accomplished after all. It was, perhaps, too much to expect that world-wide disarmament would come out of this Conference, but I believe that is on the way and not very far off in the future.

I have written a great deal in favor of just wiping out by an agreement of nations all or at least a large part of the war debts of the allied nations. I would however make it a condition or precedent that these nations disarm.

The Burden of Debt

NOW and then in the midst of general gloom among the farmers I meet one who seems to be rather filled with content. He is one of the farmers who is not in debt. He may not be accumulating much wealth but he can be comfortable and does not need to worry.

Not only can the debt-free farmer face the world with serenity but I really believe that he faces a period of prosperity. Prices of nearly everything the farmer produces are low but they will be higher. If he has some surplus money, in my judgment he can invest it in almost any kind of stock except horses, possibly, and then sit tight and take care of the stock. He will be nearly certain to make a profit on the investment. The farmer who bought when prices were up and went in debt for a large share of the purchase price is the man who is now walking the floor during the night.

The case of a young farmer was recently brought to my attention. He had a farm near a small city, one of the best little cities in Kansas. He not only owned this farm and had it clear of debt, but he had some \$15,000 to \$16,000 in cash. Now I submit that there is no particular reason why that young farmer should be facing bankruptcy, but I fear he is, and it came about in this way. He thought he didn't have land enough and bought another 120 acres for which I was told he paid \$400 an acre. He applied what cash he had on the purchase price and went in debt for the remainder, giving a mortgage to secure it. He has not produced enough from the land to pay the interest on the mortgage to say nothing of taxes and other expenses incident to farming the land. At present it looks as if the young man may not only lose this land which he bought but the land he owned before he bought the 120.

This is simply a case of bad judgment. There was no reason to believe that the land could be farmed so as to pay expenses and a net profit of anything at all on that investment. But there are many farmers who have not invested in high priced lands but are in debt and can see no way out. It is not easy to give advice in a case of that kind.

If it were possible to sell part of the land and get out of debt I would say do it, even if the farmer would have to sell at a considerably lower figure than he could have sold for two years ago; but under present conditions it is not easy to sell land at any price. Strange as it may seem it is a great deal easier when prices are up beyond all reason to sell land than when prices are below reasonable valuations. A few people have the financial sense to buy in hard times and sell in flush times but they are the exception.

Taxpayers' Convention

THERE will be a taxpayers' convention held in Topeka on March 9. I think it will be a very important gathering, at least I hope it will be. Now I am in hearty sympathy with the purpose of this convention as I understand it. Our taxes are high, everybody admits that. They are burdensome, I think nearly everybody will admit that.

But before the taxpayers can intelligently proceed to correct any wrong they must know the facts. It does no good to just get up and howl about high taxes unless there is some intelligent plan for making them lower.

There are many different taxing bodies. There is the Government operating thru its revenue of-

ficers who collect taxes direct and indirect amounting to a great deal in the aggregate.

Then comes the state operating thru its legislature. The state officials cannot collect tax money or expend it except by authority of the legislature. Then come the cities, large and small, then the county, then the township and then the school district.

To proceed intelligently it is necessary for these taxpayers to understand how much the legislature has appropriated and for what purposes. Having the facts the next step is to study these appropriations for the purpose of determining what appropriations if any, are unnecessary and where economies may be practiced without injury to the state.

The same plan should be followed in investigating all of the taxing bodies. Find out the facts. Find out where the money is being spent and where common sense and efficient management can make a saving. Now I wish to say this is no little and easy job. It requires a lot of investigation and cool judgment.

He would be a rash man in my judgment who would say without any investigation how much taxes can be reduced or how much public expenditures can be reduced. On the other hand I have no sort of patience with the man who condemns every man who joins a movement of this kind as a dangerous agitator.

In your private business you insist if you are anything of a business man, on knowing just how each dollar of your income gets to you and how it is spent.

The people who have to pay these taxes have the best right in the world to know just what is being done with their money. Not only have they a right to know but it is their duty to know. So I hope there will be a large attendance at this meeting on March 9. I hope it will not be taken up with long winded speeches by men who do not know what they are talking about, but that it will be governed by discretion, common sense and an earnest desire to know the facts. If it is so conducted it will do a great deal of good.

Postal Savings Banks

ONE of my friends, W. A. McPherson of Lamar, Colo., in a recent letter says: "The main opposition to the proposed Postal Savings Bank act will come from the banks, yet there is not a bank in the United States that is or can be made a safe depository for the savings of the people."

"In 1893 I was living in Denver, and knew a family there consisting of a man, his wife and five small children. For years, as regularly as Saturday came they had been depositing their small savings in a savings bank."

"They lived very frugally in a small house and denied themselves many comforts in order that they might add to their savings. They were endeavoring to provide something for old age. Up to 1893 they had saved about \$800, when one morning, without warning, every savings bank and most of the national banks in the city closed their doors. Eventually these people got around \$500 out of their savings. Multiply this one case by many thousands and you can have some idea of the aggregate loss."

"However, the money loss was not the greatest harm done. The great harm was the effect on the people in regard to saving. One hears this on all sides: 'I'll spend my own money after this. These fellows,' meaning the bankers, 'won't have a chance to blow it on champagne suppers.' The children of these parents grow up with this attitude toward life—'Spend as you go or banks will enjoy the fruits of your labor.'"

"Had we at that time had a good Savings Bank law I think the result would have been different. These five boys belonging to the family I have mentioned, have grown to manhood. They are good, steady, industrious boys, but not one of them is making any provision for old age. Had the father and mother been able to deposit their savings with the Government at 4 per cent and had the Government also provided that these savings when these parents had become 60 years old could be converted into an annuity, there would have been given an effective lesson in the value of saving and these boys, growing up with a knowledge of the benefits to be derived would have been encouraged to save."

"Under a good Postal Savings Bank law the

prerogative or vested rights at present enjoyed by the banks would not be impaired. It would be enhanced. All of the savings would daily be transferred to the local banks. These deposits would be guaranteed.

"However, there are certain lines of business that would suffer: the dealers in cigars, cigarettes, soft drinks and moving pictures. They would oppose the passage of a good Postal Savings law.

"Once when I was talking to one of our representatives about a good Postal Savings Bank law, he said: 'Why, I never heard of this before. You can't get such a law passed except by arousing a demand for it. I know of no demand for such an act.'

"This is the voice of the politician as opposed to that of the statesman. The statesman, like our good Senator Capper, interprets the needs of the people and fights for legislation that will benefit them. But the fact remains that a demand has to be created or the same interests that made the present law of no value will make the present proposed act inoperative."

Farmer's Service Corner

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.

I am a widow with a small amount of personal property. I have five children at home under age. Is there a pension law in Kansas under which I could get a pension? Where would I put in my application and how much could I get? A. W. R.

The Kansas Mother's Pension law provides that a mother with children under 14 years old depending upon her for support and who is compelled to support them by her labor, is entitled to receive a pension from the county in which she resides, provided she has lived in said county for one year. Her application must be made to the Board of County Commissioners. If her case comes under the provisions of the law the commissioners are required to grant her a pension of not to exceed \$50 a month.

If A rents a farm to B and agrees to supply B with wood for fuel during the rental period can B take the wood that he has had cut and sawed to another place when he moves in the spring, or can he hold the wood, or does A have to pay B for the cutting and sawing of the same? G. H. F.

Under this agreement B is to be provided with wood during the period of his tenancy and would therefore not be permitted to haul the wood off the place and use it when he is residing somewhere else after his tenancy has expired. But if he has expended labor in cutting and sawing the wood, while the wood would remain on the place, he would be entitled to receive from A pay for his labor in cutting and sawing the same.

A sold B a farm, who paid a certain amount down and gave a note for the remainder secured by a first mortgage on the farm. B sold the farm to C. C paid the interest on the note and mortgage last April. If C should fail to pay the interest or mortgage can A get it from B? Does A still hold B for the payment of the note if C fails to pay it? A. R.

The mortgage was merely given as security for the note and the fact that B sold the farm and C agrees to pay the mortgage does not relieve B from the liability to A. If A should undertake to collect from B, however, B would have a right to collect from C.

My husband left me without anything to support me or my little baby boy. I don't know where he is. What I would like to know is how can I find him? I have no money. Will have to find him soon some way. Y. M. G.

I do not know how you will be able to find this absent husband. I would send a description of him to various papers—to the Topeka Daily Capital, the Wichita Eagle, and any other papers, stating your financial circumstances and asking them if they will insert the description free of charge. In that ask for anyone who may know of his present location to write you, giving your address plainly.

1—In case of the death of the widow of a Civil War veteran who was drawing a pension can her heirs collect the pension that would be coming to her from the last quarter to the time of her death in case she had lived?

2—The widow had the use of 40 acres of land that came to her by the death of her husband, the heirs agreeing to this arrangement. Is it necessary to have an administrator, all the heirs being of age and no debts, provided they can agree? S. A.

1—Unless the soldier's widow leaves a child under 16 years of age the money due on this quarter reverts to the United States treasury.

2—In my opinion if all the heirs agree there is no necessity for the appointment of any administrator.

A owns a farm on which B holds a mortgage. The mortgage reads that if A fails to pay the interest when due or fails to pay the taxes before penalty is added, that the mortgage becomes due at once. A lets the taxes run until penalty is added, but then pays without prejudice to the mortgagee. Now B finds out that A has let penalty be added and threatens to foreclose. Can he do so? J. C. H.

Not for that reason. Altho he might have started foreclosure as soon as he learned that the taxes were delinquent and that penalty had been added, the mortgagor by paying these taxes has cured that defect. The purpose for putting this

clause into the mortgage was to protect the mortgagee and so long as he is not injured by the neglect of the mortgagor, he has no right to complain.

A, a widower, sells his farm, all the real estate he has which is his homestead to B for \$10,000, half cash and balance on time, note secured with mortgage. Would he have to pay a revenue tax? A. W. S.

I presume the idea the questioner has in mind is this: Would A have to pay an income tax? That will depend upon whether the price of this land has advanced since 1913 and second, what, if any, improvements he has made on the land between that date and the date on which he sold it. If his land was reasonably worth in 1913 \$10,000 then he has no income tax to pay.

If it was only worth \$5,000 and he has since 1913 put on \$5,000 in improvements he would have no income tax to pay. If the land was only worth \$8,000 in 1913 and he has put no improvements upon it and sells it for \$10,000 he would have to count the \$2,000 as revenue on which income tax would be calculated. Of course his regular exemptions would be deducted from this.

A and B, husband and wife, bought a piece of property. The deed was made to A, but soon after A deeded the property to B. A dies, and B had not had her deed recorded, but went immediately and had it done. Can B hold this property as against the claims of A's heirs and keep the property out of the probate court? H. C.

My opinion is that she can.

1—Is a wife responsible for her husband's debts?
2—Can a judgment against a husband be filed against the wife's property, all being in the wife's name and the wife paying the taxes on the same in Colorado? C. A. H.

1—Ordinarily I would answer no. Under the Colorado law the wife has full control of her property as has the husband and a judgment against the husband would not be a lien upon the wife's property unless it could be shown that the wife participated in the benefits of the loan to the husband or in the articles which were supplied to the husband and on account of which the debt was incurred.

What About War Finance Money?

AN EDITOR friend writes me—"I think at this time we must admit we are in a new world." It is his idea our old landmarks have disappeared, that many things must be done which are contrary to precedent.

He may be right. During the last few years we have been called on to do bold things and to try new experiments, and we may be called on to do more of them, but above all, I believe, we must work together better than we have been working for the general welfare of a country which has become the mainstay of civilization.

I am beginning to think the world is not going to have enough to eat for the next several years; that unless surplus food-producing countries like America, Australia and Argentina can produce enough to keep the old world from starving, we shall ultimately see a hungrier Europe than we are seeing today.

When the Great World War ended a great quantity of raw materials and foodstuffs which had accumulated in Australia, South America and elsewhere, flooded the world's markets. Apparently this has been absorbed, and with it, more wheat and flour from this country than we have ever exported before in a given time. And Europe is by no means becoming self-supporting. Possibly it never again will become anywhere near able to supply its food needs. Our own population meanwhile is increasing more than a million a year—more mouths to feed!

Wheat exports last year were 279,948,601 bushels, against 218,287,334 in 1920. Corn exports jumped from 17,761,420 bushels in 1920 to 129,054,505 in 1921. Rice jumped from 392,612,555 pounds to 600,053,978. Cotton exports were 6,474,105 bales in 1921, against 6,159,132 in 1920.

The fall of 1922, or earlier, may find us trying to meet a still more active demand for our products.

I don't know how you size it up, but it looks to me as if the prices of farm products were due for a rise and that the ultimate demand for them may soon even exceed the supply. The Harvard economic service says the drop in farm prices is temporary. And yet at this time reports from nearly every farming community indicate we are losing more and more farmers to the cities. The agricultural crisis is forcing these men from their farms at the very time we are soon to have greatest need of them. In some parts of the country lack of credit is very acute. In fact there is no part of the country in which adequate farm credit is not lacking.

The War Finance Corporation was revived to rescue the country from this predicament. It has poured hundreds of millions of dollars into the agricultural states—and is yet—to meet this condition, but how much of these funds are reaching the farmers is the present question. The War Finance Corporation was authorized to make these loans to banks in the agricultural states, the idea being to help the banks carry the farm loans they

had made, while lending necessary amounts to other needy farmers. It was the purpose to help the community by helping the banks and the community at the same time. This seemed a sensible way to handle the emergency.

The War Finance Corporation has no authority to force these loans on the banks. It was generally assumed that no banker would let his community sacrifice its crops or livestock for lack of such credit. But I hear many banks have not availed themselves of these funds and some few, I am told, cannot.

South Dakota farmers, I learn, are complaining that their banks hold the money they draw from the War Finance Corporation because they cannot make more than 2 per cent on it, or 7½ per cent to the farmers while lending their own surplus at 9 to 15 per cent, or an average of 12 per cent.

I have heard that a Missouri farmer, a fine man, always prompt in meeting his business obligations, who had a farm free of any incumbrance, but was owing his bank \$2,000, desired a War Finance Corporation loan to buy some stock to consume his 8,000 bushels of corn. The bank got the loan for him, but used it to cancel his note and left him without working capital.

I hope we haven't many bankers like that. I have been told of a number of country bankers who went the limit to see their folks thru. But as in time of drought all signs fail, so in the time of emergency we may expect to see the sordid selfishness of humanity show up along with its finest beaten gold.

I am receiving letters almost daily from small farmers and stockmen complaining they cannot get the necessary financial assistance to go on with their farming, or even to stay on their farms. I have presented these letters from time to time to Eugene Meyer, Federal Director of the War Finance Corporation and urged him to do everything he possibly could to help these men. But the law leaves it almost entirely for the banker to decide. He can make the loan or not.

I have great confidence in Mr. Meyer. I think he is eager to go as far as he can under the provisions of the War Finance act to relieve the West's farmers and stockmen. I also believe he is going as far as he can toward influencing the banks to lend just as much as they can advance to these small farmers and maintain a sound banking basis.

It may be that many banks have made no effort to obtain these funds because the margin of profit was not attractive to them. The law does not compel them to lend this money if they do not want to. But this seems to me a most shortsighted policy for a banker to adopt.

I am not sure it will not be necessary to amend the law in some particular to make it more available and adequate to those who are most directly in need of its benefits. Elsewhere in this article I am asking for information from farmers detailing their experiences in efforts to get loans, or

Let's Have the Facts

Is the emergency fund of the War Finance Corporation helping farmers? Reports are being received that they are not getting the money intended to finance their operations. Washington should know the facts.

Will farmer readers of the Kansas Farmer and Mail and Breeze please write me just what their experience has been in getting, or attempting to get, such loans or extensions?

If this plan to sustain farmers is not working and cannot be made to work satisfactorily, a better plan to take its place must at once be found. There must be no failure to finance 1922 farm operations wherever such help is needed. In the accompanying discussion I have given a few reasons why I think so.

A letter addressed to "Arthur Capper, Senate Office Building, Washington, D. C." will reach me. Let me have the actual facts. ARTHUR CAPPER.

extensions of loans. A letter addressed "Arthur Capper, Senate Office Building, Washington, D. C." will reach me.

Personally, I shall go the limit to help the farm folks, because I know there never was a time when it was so absolutely necessary for the Government and the Nation to stand by them as now. We are all in the same boat together and should all work together—for the common good.

The truth is we never have had an adequate credit system for American farmers. Now that we see how great has been our mistake in not providing one, we are under the necessity of rectifying this mistake with all speed possible. The two great emergency issues of the hour, as I see them are lower freight rates and adequate farm credit. Lower rail rates will restore life to business and industry and act as a tonic on farm prices. On these two issues it seems to me the big farm conference at Washington did not hit the line too hard, so far as we can see.

Arthur Capper, Washington, D. C.

News of the World in Pictures



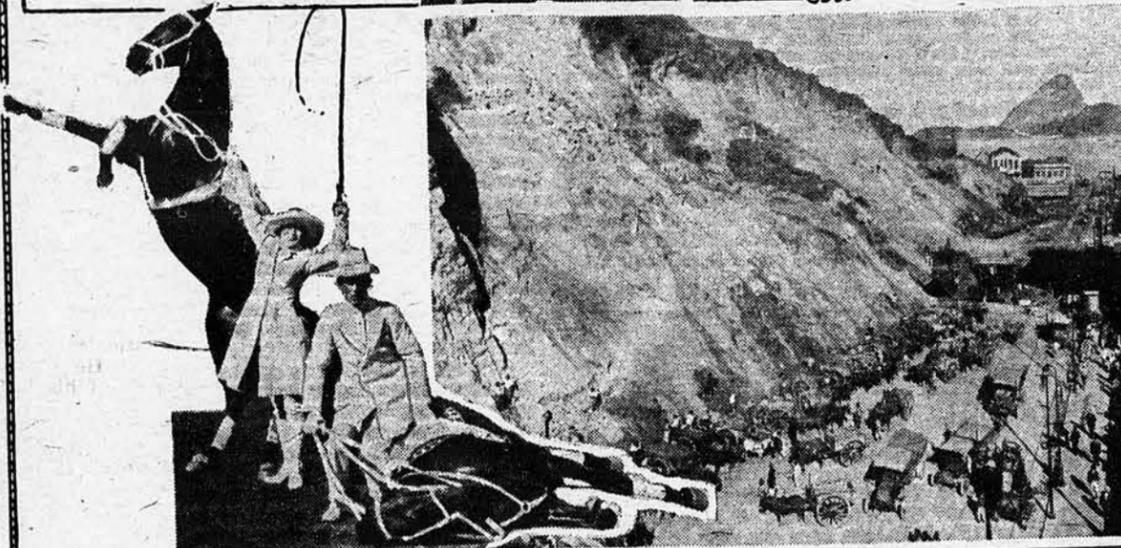
Fishing is Not Always Fun; the Steam Trawler Ripple at the Boston Fish Pier; It Brings to Port a Million Pounds of Fish; Note the Ice Covered Rigging It Brought Back From the Recent Winter Gale.



Elsie Davenport at the Madison Square Garden in New York City; She is Holding the World's Champion Homing Pigeon; It Flew From Chicago to New York City in 17 Hours.



Princess Mary of England Receiving Her First Wedding Gift; It is an Emerald and Sapphire Brooch from Colonel Seymour; It was Presented to Her at the Recent Hunting Meet at Sandringham.



Miss Fay and Her Partner With Their Two Famous High School Horses; These Lucky Animals and Miss Fay are Spending the Winter at Jacksonville, Fla.; The Horses are Warming Up Under Southern Skies.

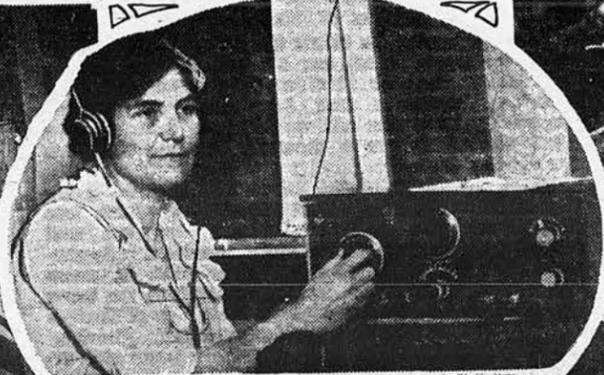
Moving the Mountain Morro de Castello at Rio de Janeiro, Brazil; Hydraulic Methods Will Sluice the Dirt Away; Sixty-six Blocks in a Square in the Heart of the City Will be Reclaimed; It is One of the Most Colossal Engineering Feats Ever Attempted in the World.



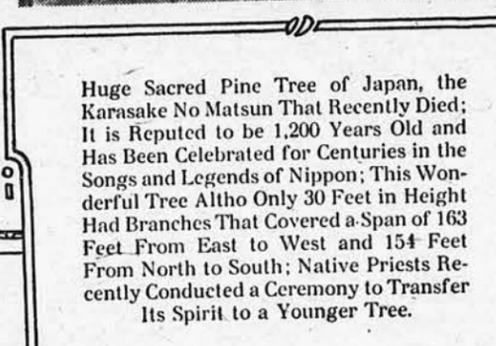
A Close Up View of Russell Wheeler of Montreal, Canada's Champion Speed Skater; He Recently Took Part in the American National Amateur Championship Meet at Plattsburgh, N. Y.; He Has a Brilliant Record.



This Farm Woman is "Listening in" to Government Wireless Market News; Every Day She Tunes Up Her Radiophone to Get Current Prices; Such Equipment Will Soon be Found in Every Farm Home; Its Cost Need Not Exceed \$50.



This Photo of the Late Pope Benedict XV was Taken About a Year Ago; He is Shown Here With His Brother, the Marquis della Chiesa Who Died a Short Time After This Photo was Taken; To the Present Marquis della Chiesa, the Late Pope's Nephew, His Holiness Entrusted His Private Will; the People of America Regret That His Holiness was Not Permitted to Live Until All His Benevolent Plans Could Have Been Carried Thru.



Huge Sacred Pine Tree of Japan, the Karasake No Matsun That Recently Died; It is Reputed to be 1,200 Years Old and Has Been Celebrated for Centuries in the Songs and Legends of Nippon; This Wonderful Tree Altho Only 30 Feet in Height Had Branches That Covered a-Span of 163 Feet From East to West and 154 Feet From North to South; Native Priests Recently Conducted a Ceremony to Transfer Its Spirit to a Younger Tree.



President Harding is Shown Here Opening the National Agricultural Conference; This Meeting was Called by Henry Wallace, Secretary of Agriculture in Washington; About 300 Representative Farmers Met There at His Suggestion to Discuss Farm Problems and Their Solution.

Ten Pigs, Never More, in a Pen

That Rule, Rigidly Enforced at Feeding Time, Greatly Aids F. H. Bock of Wichita, in Eliminating Runts From His Herd of Duroc Jerseys

By Ray Yarnell

TEN pigs in one pen at feeding time, never more, sometimes not so many—that rule, rigidly enforced on the F. H. Bock dairy and hog farm near Wichita, Kan., largely has eliminated runts as factors in the business. Of course the possibility of having runts has been reduced to a minimum by the use of high class purebred stock, carefully handled.

The system of feeding worked out by Mr. Bock is designed to remove a second cause for runts, the lack of equal opportunity in obtaining the feed pigs require for satisfactory growth.

Pigs always are fed in pens, never more than 10 in one pen. The self-feeder is large enough to accommodate that number without crowding and every pig has a chance to obtain all the feed it requires. No pig is crowded out and forced to live on short rations.

Give Weak Pigs a Chance

The result has been, in Mr. Bock's experience, that even a pig handicapped at first by being a bit undersized or not so strong as his fellows, overcomes that disadvantage quickly because he obtains, without a struggle, all the food he can utilize.

This system has another advantage. Pigs may be grouped according to their thriftiness, and separate rations worked out for every group which will give the best result in growth and development. One group, for instance, may not show so rapid a growth as another. An increase in the richness of the feed or a change in the diet, may supply the stimulus needed to bring them up to par and to avoid any possibility of this group becoming stunted.

That is just one example of the successful and efficient practices followed on this farm which account for the unusually good herd there, the thriftiness of every individual and the possibilities for profit which it possesses. Mr. Bock is not new in the hog busi-

ness. He followed it for many years in Missouri. The present herd, however, has been in existence only about a year. Late in January it consisted of about 60 head of purebred Duroc Jerseys, consisting of brood sows, boars and fall pigs, as thrifty a bunch as one could wish to see.

The appearance of the hogs, their smooth, shiny coats, their freedom from grime, their plump, but not overly fat bodies, their tameness, all testified to the efficiency of the system by which they are handled and the favorable conditions under which they live.

That system, of which the 10 pigs in one pen rule is a part, is constantly in operation. Never more than three sows are kept in one stall in the hog house because best results cannot be obtained if more are placed together.

Hogs, except during stormy weather, are turned into the feedlot at 7 o'clock in the morning and they return to the hog house at 6 p. m. to remain inside during the night. On bad days they are kept in the house.

If hogs remain thrifty they must get plenty of exercise every day. That is why the Bock hog pasture contains 60 acres. The feed lot, in which hogs follow cows and pick up waste feed such as corn and alfalfa, also is commodious.

The question of housing is vital if thrifty hogs are desired. They must be kept warm and dry in cold weather or too much of the feed they eat is consumed in generating heat rather than for the building up of bone, tissue and fat.

The Bock hog house, one section of which has been completed, the other being in process of construction, is designed with these needs particularly in mind. The completed section is 20 by 64 feet in size. Along the south side is a row of large glassed windows, one opening into every pen. In the roof

a similar row of windows, set upright, lights the north tier of pens. These windows open and the house is easily ventilated.

Pens are arranged on both sides of a wide runway down the center of the house. The pens have wooden floors because they are easy to keep dry, afford the maximum of warmth, are easier on the feet of heavy hogs and tend to prevent the development of rheumatism. Such floors also are easy to keep clean as litter readily can be scraped from their surface.

The runway is not floored, Mr. Bock preferring to keep it heavily coated with coarse sawdust and shavings. These also are used for bedding because they absorb moisture quickly and afford more warmth than straw.

At the front of the house the space of two pens is fenced off and used as a feed room. Along one side is a row of bins for the storage of various feeds used, corn, shorts, ground oats and meal. In this room a stove will be set up to heat the house during farrowing time.

The runway is turned over to young pigs. The sandy soil, with its coating of shavings and saw dust, affords an ideal bed for the youngsters and they burrow into it contentedly at night.

Pens are cleaned and re-bedded every day and the runway gets the same attention. The hog house is lighted with electricity. When completed it will represent an investment of about \$1,500, not including labor cost.

Feeding has become a science on the Bock farm. No guess work figures in the rations. Every effort is made to economize and still get the maximum results in development.

"If you keep a hog dry and warm in the winter, especially at night, he will be thrifty and will produce as great a growth on less feed as the hog left

more or less to shift for himself," said Mr. Bock.

Skim milk is an important part of the ration. Shorts are added to make a thick slop. About 40 gallons a day are fed. The 60 hogs in the herd eat an average of 600 pounds of alfalfa hay a week.

The grain ration is not heavy. Recently the 60 hogs, running after cows and having access to plenty of alfalfa hay, skim milk and some tankage, in 30 days ate only \$56 worth of grain, less than a dollar's worth of grain a hog for the month.

Individual rations are worked out for every brood sow, the feed being varied as the need arises to keep the animals in ideal condition to farrow. The rations are designed to keep the sow in good flesh but to prevent her from becoming overly fat.

Rations Used in Self-Feeders

Only the young pigs are fed grain in self feeders. Rations for the sows and boars are measured. As a means of keeping the hogs healthy and also as a preventive of worms, Mr. Bock feeds the following preparation in self-feeders, permitting the hogs to have all they desire:

- 1 bushel of charcoal,
- 1 bushel of wood ashes,
- 10 pounds of salt,
- 8 pounds of pulverized lime,
- 4 pounds of sulfur,
- 2 pounds of copperas.

Super Sensation, Jr., born last March, is an unusually long boar and has attracted the attention of breeders visiting the Bock farm. He measures 67 inches from the root of his tail to the center of his eyes and is 33 inches high. He was sired by Greater Orion Sensation. Sensation Pathfinder, the herd boar, is a fall yearling. He is 70½ inches in length and 37½ inches in height. A third boar, Peerless Scissors, recently was bought from the Pinecrest Farms, Charleston, Miss.

Mr. Bock has 36 fall gilts. Thirty sows will farrow in the spring. He plans to raise 200 spring pigs.

Efficient Farming the Keynote

The National Agricultural Conference Will Help Only the Men Who Dig in and Make Use of All of the Opportunities at Hand

By John Fields.

THE most immediate probable effects of the National Agricultural Conference held in Washington will be: A legal recognition of the right of farmers to organize co-operatively for business purposes, substantially along the lines of the Capper-Volstead bill as it passed the House; provision for financing agricultural operations by methods which will be adapted to them as present banking practice is adapted to manufacturing and merchandising operations.

These things stand out from the mass of words with which the Conference was overwhelmed on its closing day. Much which is good is among these words. Much of it is altogether desirable and possible of ultimate accomplishment. But after having listened to everything which was said and noted everything which was done at every session, I am more than ever convinced that virtually all of what will happen to any farmer and his family during 1922 will be the consequences of their personal acts during the last few years and during the current year. Very little indeed was said about this during the conference, and that little was in most general terms. The effort seemed to be to get away from the unescapable fact that there is no way of avoiding the labor and odors incident to the production of nutritious human food.

The committee on costs, prices, and adjustments did generalize on this question, as follows:

"The farmer should continue the movement, already so well begun, towards reducing his overhead expenses so far as possible by developing for

his family a more completely self-sufficing farm organization. With the present high level of freight rates, this policy of greater self-sufficiency could wisely be extended to regions as well as to the individual farm. This would include an increase in crop production, in crop deficiency areas and a reduction of crop acreage and an increase in livestock in regions now producing crop surpluses. This will develop a proper balance of crop acreages and should be accompanied by increased efficiency in crop production. This increased efficiency and reduction in cost may be obtained in part by greatly increasing the proportion of legumes to other crops, and thus maintaining, and even building up, present soil fertility, and with the use of better cropping systems, better soil treatment, and better care of crops, produce increased yields in future years at minimum cost. The farmer can help himself by proper diversification of crop and livestock enterprises, by adjusting farm operations to market demands, by the use of improved varieties of crops and of purebred livestock, by producing a larger part of the family living on the farm, by effecting reductions in the cost of farm operations, by the elimination of unnecessary expenses, and by co-operating with his fellow farmers in the marketing, grading and standardizing of his crops. If he will do these things, and will keep a record of his business with a view to the elimination of unprofitable enterprises and to the direction of his efforts along more profitable lines,

he will be making his full contribution towards the restoration of the agriculture of the country to a permanently profitable basis."

The organization and development of farmers' co-operative enterprises already is well under way and their complete legality will not materially hasten the coming of their benefits. Improvement of facilities thru which farmers may more easily acquire indebtedness with longer periods of maturity cannot make much difference to those whose indebtedness has been indefinitely extended thru their inability to pay what they borrowed under present banking customs. And so I am convinced that farmers who do not at once dig in and eliminate all avoidable expenditures of cash, thru producing on their farms all that the family needs of milk and butter, ham and eggs, chickens, and vegetables, will get no benefits from this Conference. They will cease being farmers before any of the benefits resulting from it can filter out to them.

The endorsement of the efforts of the agricultural "bloc" in Congress might well be taken as a complete summary of all of the voluminous resolutions which were adopted in detail. The farmers of the Nation feel that those Senators and Congressmen who have been so designated may safely be trusted to seek out the truth in all matters affecting agriculture and to work for the enactment of legislation which they feel may be of benefit to farmers. Among the most important of the proposals endorsed

by the Conference are the following:

As to price fixing; "Congress and the President should take such steps as will immediately re-establish a fair exchange value for all farm products with that of all other commodities. There should be a comprehensive study of the question of price guarantees; Congress should cause a careful investigation of this whole problem to be made by some proper authority which will report its findings as early as practicable."

Government aid for the economic rehabilitation of Europe, the program of the American delegation to the Disarmament Conference, limitation of the acreage of certain crops to balance production, the investigation of retail prices by the Departments of Justice and Commerce, investigation by Congress of plans to stabilize the dollar, equalization of tariff protection, vigorous action to place agriculture on a parity with other industries, gathering and distributing by the Department of Agriculture of foreign market and production reports, financing exports thru credits authorized by Congress, increased support of the International Agricultural Institute at Rome, and assignment of agricultural attaches to American embassies in foreign countries were among the proposals approved by the Conference.

Provision is urged for the collection and distribution by the Department of Agriculture of complete reports on everything of interest to producers, a federal census of livestock every five years and state surveys each year, and a biennial census of manufactures.

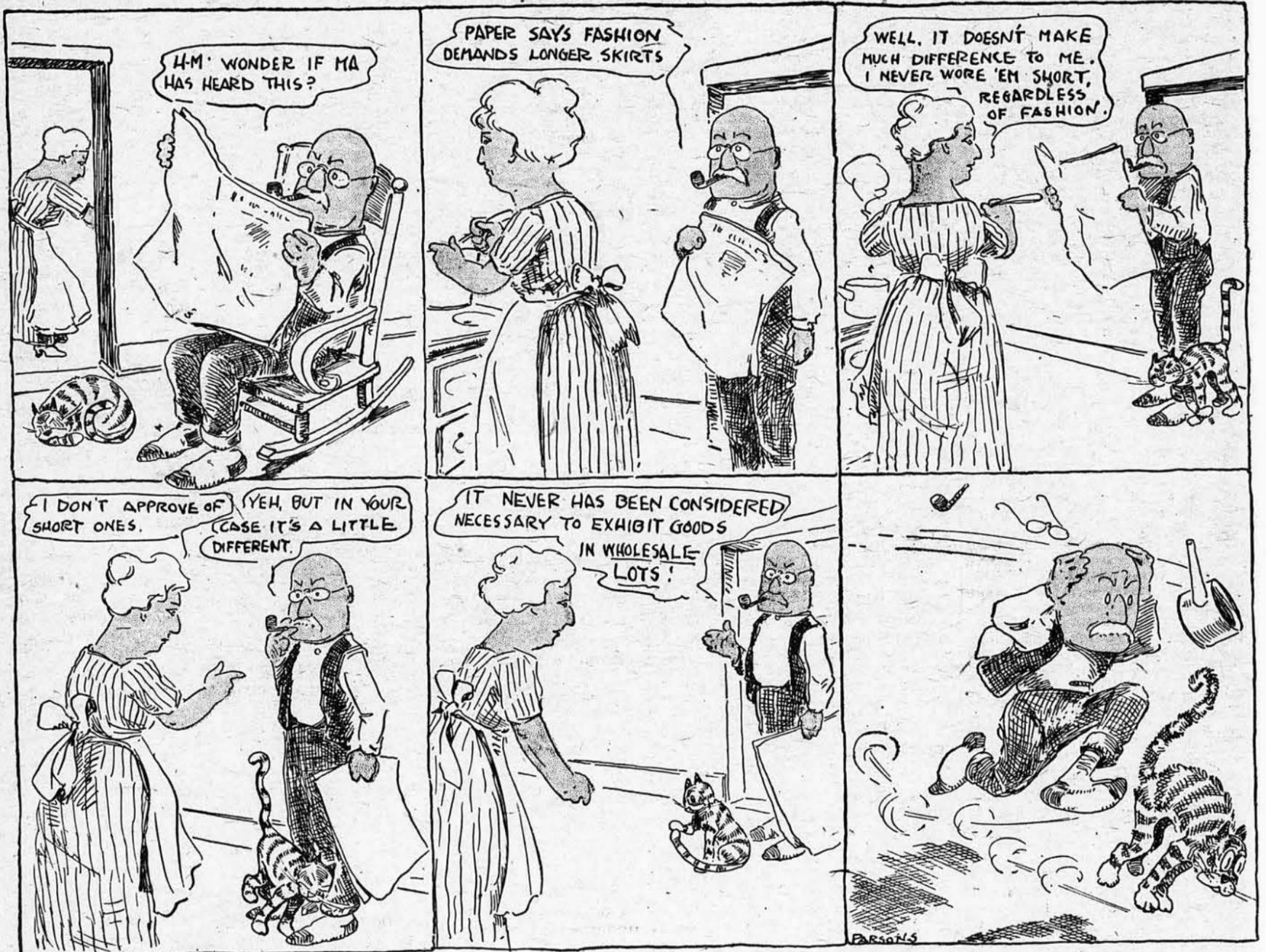
Adequate safeguarding of health,

(Continued on Page 12)



The Adventures of the Hoovers

Father Doesn't Make a Killing for Anybody But Himself When He Tries to Tell Mother What the Paper Says About the Spring Styles



The Light in the Clearing

By Irving Bacheller

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MY MENTAL assets would give me a poor rating I presume in the commerce of modern scholarship when I went to Washington that autumn with Senator and Mrs. Wright. Still it was no smattering that I had, but rather a few broad areas of knowledge which were firmly in my possession. I had acquired, quite by myself since leaving the academy, a fairly serviceable reading knowledge of French; I had finished the Aeneid; I had read the tragedies of Shakespeare and could repeat from them many striking passages; I had read the histories of Abbott and the works of Washington Irving and certain of the essays of Carlyle and Macaulay. My best asset was not mental but spiritual, if I may be allowed to say it, in all modesty, for, therein I claim no special advantage, saving, possibly, an unusual strength of character in my aunt and uncle. Those days the candles were lighting the best trails of knowledge all over the land. Never has the general spirit of this republic been so high and admirable as then and a little later. It was to speak, presently, in the immortal voices of Whittier, Emerson, Whitman, Greeley and Lincoln. The dim glow of the candles had entered their souls and out of them came a light that filled the land and was seen of all men. What became of this mighty spirit of democracy? My friend, it broke down and came near its death in a long, demoralizing war which gave to our

young men a thoro four-year course in the ancient school of infamy. The railroads on which we traveled from Utica, the great cities thru which we passed, were a wonder and an inspiration to me. I was awed by the grandeur of Washington itself. I took lodgings with the Senator and his wife. "Now, Bart," said he, when we had arrived, "I'm going to turn you loose here for a little while before I put harness on you. Go about for a week or so and get the lay of the land and the feel of it. Mrs. Wright will be your guide until the general situation has worked its way into your consciousness." It seemed to me that there was not room enough in my consciousness for the great public buildings and the pictures and the statues and the vast machinery of the government. Beauty and magnitude have a wonderful effect when they spring fresh upon the vision of a youth out of the back country. I sang of the look of them in my letters and soon I began to think about them and imperfectly to understand them. They had their epic, lyric and dramatic stages in my consciousness. One afternoon we went to hear Senator Wright speak. He was to answer Calhoun on a detail of the

banking laws. The floor and galleries were filled. With what emotion I saw him rise and begin his argument as all ears bent to hear him! He aimed not at popular sentiments in highly finished rhetoric, as did Webster, to be quoted in the school-books and repeated on every platform. But no words of mine—and I have used many in the effort—are able to convey a notion of the masterful ease and charm of his manner on the floor of the Senate or of the singular modesty, courtesy, aptness and simplicity of his words as they fell from his lips. There were the thunderous Webster, the grandeur of whose sentences no American has equaled; the agile-minded Clay, whose voice was like a silver clarion; the far-seeing, fiery Calhoun, of "the swift sword"—most formidable in debate—but I was soon to learn that neither nor all of these men—gifted of heaven so highly—could cope with the suave, incisive, conversational sentences of Wright, going straight to the heart of the subject and laying it bare to his hearers. That was what people were saying as we left the Senate chamber, late in the evening; that, indeed, was what they were always saying after they had heard him answer an adversary.

He had a priceless and unusual talent for avoiding school-reader English and the arts of declamation and for preparing a difficult subject to enter the average brain. The underlying secret of his power was soon apparent to me. He stood always for that great thing in America which, since then, Whitman has called "the divine aggregate," and seeing clearly how every measure would be likely to affect its welfare, he followed the compass. It had led him to a height of power above all others and was to lead him unto the loneliest summit of accomplishment in American history. Not much in my term of service there is important to this little task of mine. I did my work well, if I may believe the Senator, and grew familiar with the gentle and ungentle arts of the politician. One great fact grew in magnitude and sullen portent as the months passed; the gigantic slave-holding interests of the South viewed with growing alarm the spread of abolition sentiment. Subtly, quietly and naturally they were feeling for the means to defend and increase their power. Straws were coming to the surface in that session which betrayed this deep undercurrent of purpose. We felt it and the Senator was worried I knew, but held his peace. He knew how to keep his opinions until the hour had struck that summoned them to service. The Senator never played with his lance.

By and by Spencer openly sounded the note of conflict.

The most welcome year of my life dawned on the first of January, 1844.

I had less than six months to wait for that day appointed by Sally. I had no doubt that she would be true to me. I had had my days of fear and depression, but always my sublime faith in her came back in good time.

Oh, yes, indeed, Washington was a fair of beauty and gallantry those days. I saw it all. I have spent many years in the capital and I tell you the girls of that time had manners and knew how to wear their clothes, but again the magic of old memories kept my lady on her throne. There was one of them—just one of those others who, I sometimes thought, was almost as graceful and charming and noble-hearted as Sally, and she liked me I know, but the ideal of my youth glowed in the light of the early morning, so to speak, and was brighter than all others. Above all, I had given my word to Sally and—well, you know, the old-time Yankee of good stock was fairly steadfast, whatever else may be said of him—often a little too steadfast, as were Ben Grimshaw and Squire Fullerton.

The Senator and I went calling that New Year's day. We saw all the great people and some of them were more cheerful than they had a right to be. It was a weakness of the time. I shall not go into details for fear of wandering too far from my main road. Let me step aside a moment to say, however, that there were two clouds in the sky-of the Washington society of those days. One was strong drink and the other was the crude, rough-coated, aggressive democrat from the frontiers of the West. These latter were often seen in the holiday regalia of farm or village at fashionable functions. Some of them changed slowly and, by and by, reached the stage of white linen and diamond breast-pins and waistcoats of figured silk. It must be said, however, that their motives were always above their taste.

The winter wore away slowly in hard work. Mr. Van Buren came down to see the Senator one day from his country seat on the Hudson. The Ex-president had been solicited to accept the nomination again. I know that Senator Wright strongly favored the plan but feared that the South would defeat him in convention, it being well known that Van Buren was opposed to the annexation of Texas—a pet project of the slave-holders. However, he advised his friend to make a fight for the nomination and this the latter resolved to do. Thenceforward until middle May I gave my time largely to the inditing of letters for the Senator in Van Buren's behalf.

The Baltimore Convention

The time appointed for the convention in Baltimore drew near. One day the Senator received an intimation that he would be put in nomination if Van Buren failed. Immediately he wrote to Judge Fine, of Ogdensburg, chairman of the delegation from the northern district of New York, forbidding such use of his name on the ground that his acquiescence would involve disloyalty to his friend the Ex-president.

He gave me leave to go to the convention on my way home to meet Sally. I had confided to Mrs. Wright the details of my little love affair—I had to—and she had shown a tender, sympathetic interest in the story.

The Senator had said to me one day, with a gentle smile:

"Bart, you have business in Canton, I believe, with which trifling matters like the choice of a president and the Mexican question can not be permitted to interfere. You must take time to spend a day or two at the convention in Baltimore on your way. . . . Report to our friend Fine, who will look after your comfort there. The experience ought to be useful to a young man who, I hope, will have work to do in future conventions."

I took the stage to Baltimore next day—the twenty-sixth of May. The convention thrilled me—the flags, the great crowd, the bands, the songs, the speeches, the cheering—I see and hear it all in my talk. The uproar lasted for twenty minutes when Van Buren's name was put in nomination.

Then the undercurrent! The slave interest of the South was against him and Wright had foreseen. The deep

current of its power had undermined certain of the northern and western delegations. Ostensibly for Van Buren and stubbornly casting their ballots for him, they had voted for the two-thirds rule, which had accomplished his defeat before the balloting began. It continued for two days without a choice. The enemy stood firm. After adjournment that evening many of the Van Buren delegates were summoned to a conference. I attended it with Judge Fine.

The Ex-president had withdrawn and requested his friends in the convention to vote for Silas Wright. My emotions can be more readily imagined than described when I heard the shouts of enthusiasm which greeted my friend's name. Tears began to roll down my cheeks. Judge Fine lifted his hand. When order was at last restored he began:

"Gentlemen, as a friend of the learned Senator and as a resident of

the county which is the proud possessor of his home, your enthusiasm has a welcome sound to me; but I happen to know that Senator Wright will not allow his name to go before the convention."

He read the letter of which I knew. Mr. Benjamin F. Butler then said: "When that letter was written Senator Wright was not aware that Mr. Van Buren's nomination could not be accomplished, nor was he aware that his own nomination would be the almost unanimous wish of this convention. I have talked with the leading delegates from Missouri and Virginia today. They say that he can be nominated by acclamation. Is it possible that he—a strong party man—can resist this unanimous call of the party with whose help he has won immortal fame? No, it is not so. It can not be so. We must dispatch a messenger to him by horse at once who shall take to him from his friend

Judge Fine a frank statement of the imperious demand of this convention and a request that he telegraph a withdrawal of his letter in the morning."

The suggestion was unanimously approved and within an hour, mounted on one of the best horses in Maryland—so his groom informed me—I was on my way to Washington with the message of Judge Fine in my pocket. Yes, I had two days to spare on my schedule of travel and reckoned that, by returning to Baltimore next day I should reach Canton in good time.

It was the kind of thing that only a lithe, supple, strong-hearted lad such as I was in the days of my youth, could relish—speeding over a dark road by the light of the stars and a half-moon, with a horse that loved to kick up a wind. My brain was in a fever, for the notion had come to me that I was making history.

The lure of fame and high place hurried me on. With the Senator in

200,000 Heat Stabs!

Each one aimed at the thin film of oil on the cylinder walls of your engine. How Veedol protects against this deadly heat.

Spark! Explosion! Heat!
Spark! Explosion! Heat!

That's the tune your six cylinder motor hums 200,000 times every hour you cover 25 miles on the road. You think only of the power explosions that drive your car steadily forward.

But what about the heat of those explosions—heat that hits the piston heads at 1000 degrees and averages 300—400 degrees on the cylinder walls? What protection have you against this deadly heat that makes most oils quickly evaporate, break down, lose their body and leave the costly metal of your car a prey to destructive friction?

1. You have a cooling system that circulates *outside* the moving parts of your engine. That helps, but you have little control over its operation.
2. Your only other protection is your lubricating oil which circulates *inside* your engine, and which must bear the brunt of the battle with heat. You have every control over that.

Veedol maintains that thin film of oil between the piston and the cylinder walls under extreme operating temperatures—and holds apart those flying metal surfaces whose contact means broken piston rings, scored cylinders and pistons.

Veedol is a Pennsylvania base oil and is refined under the Faulkner process. This exclusive Veedol process gives that extra heat resisting quality so necessary to the perfect lubrication of your car.

There are five Veedol Oils, each different in body, but all of one quality. Go to your dealer. Consult the Veedol Chart on his wall. Select the Veedol Oil designated for your car, your truck or your tractor. Use this oil and no other.

There are Veedol Greases and Trans-Gear Oil for the differential, transmission, cups and springs of the motor car, truck and tractor.

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3. Run motor slowly on its own power for 30 seconds to cleanse interior.
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the presidential chair I should be well started in the highway of great success. Then Mr. H. Dunkelberg might think me better than the legacy of Benjamin Grimshaw. A relay awaited me twenty-three miles down the road.

Well, I reached Washington very sore, but otherwise in good form, soon after daybreak. I was trembling with excitement when I put my horse in the stable and rang the bell at our door. It seemed to me that I was crossing the divide between big and little things. A few steps more and I should be looking down into the great valley of the future. Yet, now that I was there, I began to lose confidence.

The butler opened the door. Yes, the Senator was up and had just returned from a walk and was in his study. I found him there.

"Well, Bart, how does this happen?" he asked.

"It's important business," I said, as I presented the letter.

Something in his look and manner as he calmly adjusted his glasses and read the letter of Judge Fine brought the blood to my face. It seemed to puncture my balloon, so to speak, and I was falling toward the earth and so swiftly my head swam. He laid the letter on his desk and, without looking up and as coolly as if he were asking for the change of a dollar, queried:

"Well, Bart, what do you think we had better do about it?"

"I—I was hoping—you—you would take it," I stammered.

"That's because the excitement of the convention is on you," he answered. "Let us look at the compass. They have refused to nominate Mr. Van Buren because he is opposed to the annexation of Texas. On that subject the will of the convention is now clear. It is possible that they would nominate me. We don't know about that, we never shall know. If they did, and I accepted, what would be expected of me is also clear. They would expect me to abandon my principles and that course of conduct which I conceive to be best for the country. Therefore I should have to accept it under false pretenses and take their yoke upon me. Would you think the needle pointed that way?"

"No," I answered. Immediately he turned to his desk and wrote the telegram which fixed his place in history. It said no.

A Better Chance for Living

Into the lives of few men has such a moment fallen. I am sure the Lord God must have thought it worth a thousand years of the world's toil. It was that moment in the life of a great leader when Satan shows him the kingdoms of the earth and their glory. I looked at him with a feeling of awe. What sublime calmness and serenity was in his face! As if it were a mere detail in the work of the day, and without a moment's faltering he had declined a crown, for he would surely have been nominated and elected. He rose and stood looking out of the open window. Always I think of him standing there with the morning sunlight falling upon his face and shoulders. He had observed my emotion and I think it had touched him a little. There was a moment of silence. A curious illusion came to me then, for it seemed as if I heard the sound of distant music. Looking thoughtfully out of the window he asked:

"Bart, do you know when our first fathers turned out of the trail of the beast and found the long road of humanity? I think it was when they discovered the compass in their hearts."

So now at last we have come to that high and lonely place, where we may look back upon the toilsome, adventurous way we have traveled with the aid of the candle and the compass. Now let us stop a moment to rest and to think. How sweet the air is here! The night is falling. I see the stars in the sky. Just below me is the valley of Eternal Silence. You will understand my haste now. I have sought only to do justice to my friend and to give my country a name, long neglected, but equal in glory to those of Washington and Lincoln.

Come, let us take one last look together down the road we have traveled, now dim in the evening shadows. Scattered along it are the little houses of the poor of which I have written. See the lights in the windows—the lights that are shining into

the souls of the young—the eager, open, expectant, welcoming souls of the young!—and the light carries many things, but best of all a respect for the old, unchanging way of the compass. After all that is the end and aim of the whole matter—believe me.

My life has lengthened into these days when most of our tasks are accomplished by machinery. We try to make men by the thousand, in vast educational machines, and no longer by the one as of old. It was the loving, forgiving, forbearing, patient, ceaseless toil of mother and father on the tender soul of childhood, which quickened that inextinguishable sense of responsibility to God and man in these people whom I now leave to the judgment of my countrymen.

I have lived to see the ancient plan of kingcraft, for self-protection, coming back into the world. It demands that the will and conscience of every individual shall be regulated and controlled by some conceited prince, backed by an army. It cannot fail, I foresee, to accomplish such devastation in the human spirit as shall imperil the dearest possession of man.

If one is to follow the compass he can have but one king—his God.

I am near the end. I rode back to Baltimore that forenoon. They had nominated Mr. Polk, of Tennessee, for president and Silas Wright for vice-president, the latter by acclamation. I knew that Mr. Wright would decline the honor, as he did.

I hurried northward to keep my appointment with Sally. The boats were slowed by fog. At Albany I was a day behind my schedule. I should have only an hour's leeway if the boats on the upper lakes and the stage from Plattsburg were on time. I feared to trust them. So I caught the west-bound train and reached Utica three hours late. There I bought a good horse and his saddle and bridle and hurried up the north road. When he was near spent I traded him for a well-knit Morgan mare up in the little village of Sandy Creek. Oh I knew a good horse as well as the next man and a better one than she I never owned—never. I was back in my saddle at six in the afternoon and stopped for feed and an hour's rest at nine and rode on thru the night. I reached the hamlet of Richville soon after daybreak and put out for a rest of two hours. I could take it easy then. At seven o'clock the mare and I started again, well fed and eager to go on.

A Morning of Love

It was a summer morning that shortens the road—even that of the young lover. Its air was sweet with the breath of the meadows. The daisies and the clover and the cornflowers and the wild roses seemed to be waving a welcome to me and the thorn trees—shapely ornament of my native hills—were in blossom. A cloud of pigeons swept across the blue deep above my head. The great choir of the fields sang to me—bobolinks, song sparrows, meadowlarks, bluebirds, warblers, wrens, and far away in the edge of a spruce thicket I heard the flute of the white-throated sparrow.

When, years later, I heard the wedding march in Lohengrin I knew where Wagner had got his theme.

I bathed at a brook in the woods and put on a clean silk shirt and tie out of my saddlebags. I rode slowly then to the edge of the village of Canton and turned at the bridge and took

the river road, altho I had time to spare. How my heart was beating as I neared the familiar scene! The river slowed its pace there, like a discerning traveler, to enjoy the beauty of its shores. Smooth and silent was the water and in it were the blue of the sky and the feathery shadow-spires of cedar and tamarack and the reflected blossoms of iris and meadow rue. It was a lovely scene.

There was the pine, but where was my lady? I dismounted and tied my mare and looked at my watch. It lacked twenty minutes of eleven. She would come—I had no doubt of it. I washed my hands and face and neck in the cool water. Suddenly I heard a voice I knew singing: Barney Leave the Girls Alone. I turned and saw Sally. She was in the stern of a birch canoe, all dressed in white with roses in her hair. I raised my hat and she threw a kiss at me. Old Kate sat in the bow waving her handkerchief. They stopped and Sally asked in a tone of playful seriousness:

"Young man, why have you come here?"

"To get you," I answered.

"What do you want of me?" She was looking at her face in the water.

"I want to marry you," I answered bravely.

"Then you may help me ashore if you please. I am in my best, white slippers and you are to be very careful."

The Spirit of June

Beautiful! She was the spirit of the fields of June then and always.

I helped her ashore and held her in my arms and, you know, the lips have a way of speaking then in the old, convincing, final argument of love. They left no doubt in our hearts, my son.

"When do you wish to marry me?" she whispered.

"As soon as possible, but my pay is only sixty dollars a month now."

"We shall make it do," she answered. "My mother and father and your aunt and uncle and the Hackets and the minister and a number of our friends are coming in a fleet of boats."

"We are prepared either for a picnic or a wedding," was the whisper of Kate.

"Let's make it both," I proposed to Sally.

"Surely there couldn't be a better place than here under the big pine—it's so smooth and soft and shady," said she.

"Nor could there be a better day or better company," I urged, for I was not sure that she would agree.

The boats came along. Sally and I waved a welcome from the bank and she merrily proclaimed:

"It's to be a wedding."

Then a cheer from the boats, in which I joined.

I shall never forget how, when the company had landed and the greetings were over, Uncle Peabody approached your mother and said:

"Say, Sally, I'm goin' to plant a kiss on both o' them red cheeks o' yours, an' do it deliberate, too."

He did it and so did Aunt Deel and old Kate, and I think that, next to Sally and me, they were the happiest people at the wedding.

There is a lonely grave up in the hills—that of the stranger who died long ago on Rattleroad. One day I found old Kate sitting beside it and on a stone lately erected there was the name, Enoch Rone.

"It is very sorrowful," she whispered. "He was trying to find me when he died."

We walked on in silence while I recalled the circumstances. How strange that those tales of blood and lawless daring which Kate had given to Amos Grimshaw had led to the slaying of her own son! Yet, so it happened, and the old wives will tell you the story up there in the hills.

The play ends just as the night is falling with Kate and me entering the little home, so familiar now, where she lives and is ever welcome with Aunt Deel and Uncle Peabody. The latter meets us at the door and is saying in a cheerful voice:

"Come in to supper, you rovers. How solemn ye look! Say if you expect Sally and me to do all the laughin' here you're mistaken. There's a lot of it to be done right now, an' it's time you jined in. We ain't done nothin' but laugh since we got up, an' we're in need o' help. What's the matter, Kate? Look up at the light in God's window. How bright it shines to-night! When I feel bad I always look at the stars."

THE END.

Today a Good Time to Start

(Continued from Page 3)

total to 3,000. But that simply added to our tribulations. There was no stapler in the Dispatch office and it was necessary to sew the covers on the papers with needle and thread. This task was performed by our wives and girls of the neighborhood.

I shall never forget my first trip as a field man. It extended as far west as Decatur county, south thru Graham and into Rooks, Osborne and Mitchell counties. At Norcatar I visited W. R. Dowling, breeder of Shorthorn cattle and Poland China hogs. At Asherville W. A. Prewett was just starting in the Poland China business and was advertising with us. He is still in the business on the same farm. Other breeders I visited were E. C. Logan, Beloit, B. B. Tatman, Cawker City and Wm. Wales, Osborne.

At Plainville I met Noah Shaw, banker and breeder of Berkshire hogs and Shorthorn cattle. He took me to his farm. After dinner he gave me an order for one inch double column space for a year at \$12.00 and paid me in advance for 12 months. It was out of the kindness of his heart that he gave me the order because he had nothing for sale at that time. He explained that he wanted to encourage my brother and myself in our undertaking.

More Interest Shown in Livestock

At Esbon I visited John Brennen who later became a successful auctioneer. John Crawford and W. A. Bloomer at Lebanon were in the Poland China business. At that time the Kansas State Agricultural College was doing that territory a great service by advocating more and better livestock. Wheat growing was beginning to lose favor with farmers and men like Noah Shaw were not only advocating more and better livestock but were putting it on their own farms.

But it is my last trip as fieldman for the Western Breeders' Journal that I shall remember longest. I left Clay Center about the middle of July when a dry spell was just beginning to make itself felt. The roads were dry and hot and the breeders, it seemed, were farther apart than ever before, and I found they were in no mood to buy advertising. It was at the close of a long hot day that Joe, my driving horse, worn out by a long day's drive and weakened by subsisting on an exclusive grass diet, sickened and died.

A short time after this Ben Powers bought my interest in the Journal, paying me enough cash to partly meet my debts and I went to work on the Daily Herald in Topeka, published by General Hudson. Shortly after I became fieldman for the Mail and Breeze, Senator Arthur Capper's paper, and I have been with it ever since, a matter of about 20 years. My brother Jesse retained his interest in the Breeders' Journal for several years and later also became a fieldman, being with the Kansas Farmer and Mail and Breeze.

It was early Mr. Capper's ambition to make the Mail and Breeze a farm paper of real merit and one that would be of decided help to farmers. He was quick to see that Kansas farmers could not depend on a one crop system, that grain farming exclusively was hazardous and that livestock was

(Continued on Page 12)

A Pleasant Surprise for You—A New Story Next Week

THE editors of Kansas Farmer and Mail and Breeze take great pleasure in announcing a new serial story, beginning next week. This is The Indian Drum, by William MacHarg and Edwin Balmer. It is a clean story with rapid action and sustained interest, concerning the adventures of Alan Conrad, a Kansas boy from Blue Rapids, on the Great Lakes. We believe that it is the best continued story which has been published in this paper for many years.

This story has everything ordinarily found in a serial which folks like to read. In addition to the local interest which is attached to the fact that the leading character is a Kansas man, and the rapid and interesting action, it gives a picture of the life in the shipping business on the Great Lakes which is most interesting. Running thru the entire book is a very inspiring love story. And you won't know how it is going to "turn out" until you read the last installment! We hope every reader will get started with the story next week. We know you are going to enjoy this serial in a real way. Don't miss the chance to read this story.

The "Red Steer" on the bag is your guarantee of Highest Possible Quality

SWIFT'S

RED STEER BRAND

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FERTILIZERS

IT PAYS TO USE THEM

"It pays to use them" On all Crops and On all Soils

All you need to look for in buying fertilizers

This season, more than ever before, you must grow more bushels per acre.

You must grow a certain number of bushels to pay production costs—and the extra bushels over the cost of production to pay your profit. You must farm intensively and use fertilizer liberally.

Particularly you must use the *right* kind of fertilizer—the kind that will make you the most profit.

Swift's Red Steer Fertilizers are backed by the Swift reputation, maintained for more than fifty years, of making every Swift product the best of its kind.

Swift & Company has the resources, the equipment, the raw materials and the knowledge necessary to prepare special formulas for different crops and soils.

The famous Red Steer bag, shown above, is your guarantee of getting the most for your money. It is *all you need to look for in buying fertilizer.*

Each year an increasing number of farmers demand Swift's Red Steer Fertilizers. In five years' time the demand more than doubled.

Buy Swift's Red Steer Fertilizers from your local Swift dealer or write to us direct.

Swift & Company, Dept. 92

Fertilizer Dept.

National Stock Yards, Ill.

Dealers who are now selling or could sell fertilizers should write for our proposition. Your territory may be open.

IT PAYS TO USE THEM

Jayhawker's Farm Notes

By Harley Hatch

THERE are a number of indications that wheat prices are due for a rise during the next 60 days but indications, as we all know, count for but little of late. If the future price depended on the new crop outlook, there would certainly be a rise in price for the hard wheat belt of Kansas, Nebraska and Oklahoma is not showing much promise at end of the first month of 1922. In this locality we have had a little snow which lay where it fell until it melted. The moisture it brought would have been whiffed away by the hot breath of one hour's July sun but at this time it does considerable good. The wheat seems rooted deeply and the ground is not cracked as it often is after hard freezes. It has not reached zero this winter in this part of Kansas and if it gets no colder I think the wheat will pull thru all right.

Plenty of Feed on Hand

The old saying had it "February second day, half the feed and half the hay." We have nearly reached that time and on this farm we have on hand fully half the fodder and at least half the hay that was on hand at the opening of the feeding season, which began with us last fall on October 25, fully two weeks later than usual time. But the old saying was made for more northern climes where grass was seldom large enough for a "full bite" until the first week in May. Here we can feel pretty sure of plenty of grass by April 20. As to other feed, we have on hand all the ear corn we cribbed last fall, about 750 bushels, besides 1,400 bushels of 1920 shelled corn and at least 1,000 bushels of oats, 600 bushels of which are the 1920 crop, and which weigh 36 pounds to the bushel.

Corn at 50 Cents

We have kept this grain because we did not have stock enough to eat it and because the market price did not justify selling it. But corn delivered to feeders living west of this farm now brings 50 cents and some corn has been sold at the crib in this neighborhood this week for 47 cents. This makes corn look much better to us, as 50 cents a bushel will let us out on growing costs. We hope to sell part of our 1920 oats for seed as they are of much better quality and weight than the crop of 1921. Unless this spring is very favorable for oat sowing I do not expect to see the acreage sown to this crop there has been for the last four years. Probably the corn acreage will be increased and oats will be decreased. The corn acreage here has been less, of late, than was necessary to feed the stock on the farms.

Selling Government Stuff

During the last week an outfit has been making the various towns of Coffey county selling at auction harness and harness parts, saddles, bridles, raincoats, blankets and numerous other things all being sold as "army goods." It seems that anything branded as being made for the army is thought by many as being of better quality than goods of the same kind to be found in the stocks of local merchants. In many cases I think this may be doubted; Uncle Sam may have paid for the best quality but often it is certain that he got unmercifully cheated. But these traveling salesmen sold lots of their wares here and at prices about as high as local merchants charge. Their goods were supposed to be "sacrificed" but there was mighty little sacrifice in the way they handled things. Just as soon as the articles they were offering ceased to sell for full value that line was laid aside and another taken up. In this way they managed to get the full retail price for nearly everything they sold.

Prices of Fertilizers

You will remember that a short time ago a fertilizer inquiry appeared in this column from Idalia, Colo., in which the writer asked about prices, saying that he would be glad to give commercial fertilizer a trial but that he was asked \$68 a ton for the same

article we bought here last fall for \$31. I have received a letter from the manager of the fertilizer department of one of the big packing plants in which he says that steamed bone meal should be laid down at Idalia for less than \$40 a ton. In that case, it seems that some local dealer is making a long profit. The bone meal in question is rated as "3-24" which means about 3 per cent nitrogen and 24 per cent phosphoric acid. This is the same fertilizer we used on this farm last fall; we also used 1 ton of 16 per cent acid phosphate side by side with the bone meal. I will give the result of this trial as soon as any results are obtained.

Phosphates and Bone Meal

It seems to be the general opinion here that as a one year proposition the 16 per cent acid phosphate is about equal to the 24 per cent bone meal but that the effects of the bone meal last and can be plainly observed in the crops following. I judge this to be true from what I saw of the growth of crab grass on wheat stubble where bone meal had been used. The growth there was twice as heavy as on stubble where no fertilizer had been used. Commercial fertilizer has, in nearly every year it has been used here, increased the yield of wheat from 5 to 8 bushels to the acre. It seems to have little value for corn; it produces a heavy growth of stalk and leaf but the dry weather which seems so certain to come here in July or August hurts this heavy, sappy growth much worse than where no fertilizer is used. Commercial fertilizer has been tried here in a small way on oats but the results have not been so positive as in the case of wheat. The ripening season seems to have more to do with the oats yield than does the question of fertility.

Traveling Libraries a Great Help

Our Grange has received another box of 50 volumes from the state traveling library. The Grange usually changes books twice a year and many families who attend are very glad to take out a two weeks' reading supply at every meeting. The former charge of \$2 for the use of a library for six months has been raised to \$2.50 to cover increased freight charges as the library commission pays transportation charges both ways. This is a very cheap and convenient way to get the use of 50 good books to the neighborhood for six months. The price of all books is now at the very highest mark ever known in the last 50 years. Because of this, readers are buying fewer books and are using the various libraries more in order to get something for reading. It is not necessary to belong to any order to get these books from the state. Any number of neighbors may combine, raise \$2.50, and select one of the number to order the books and act as librarian. The money should be sent to Secretary, Traveling Libraries Commission, Topeka, Kan., and with the order you can name your favorite authors or a certain list of books you would like to read and they will be sent you if possible. The bulk of these 50-volume libraries is largely fiction but you can ask to have included any kind of literature you may prefer.

The Grange Insurance Company

The annual report of the Patron's Fire and Tornado Association, more commonly known as the "Grange Insurance Company" has been issued and is of great interest to Coffey county farmers, as this county has now the largest Grange membership in the state. This report shows an increase in business during the last year, there being almost 2 million dollars more risks carried than at this time one year ago. It is common at this time to compare business at the beginning of the Great World War with that done today and in such a comparison the Grange company shows insurance in force in 1913 of 18 million dollars in round numbers. Insurance in force in 1921 was more than 43 1/2 million dollars, which shows how the

Grange insurance idea has been growing. The Grange insurance rate is but one-half that of the old line companies and in the case of livestock it is less than one half. The overhead cost of doing business in the Grange Insurance Company was but 17 per cent of the income, the losses paid took 60 per cent, 17 per cent was added to reserve and 6 per cent was returned to policy holders as unearned premiums. The reserve of this company, even with the low rates in force, is increasing every year and it is now \$160,854 as compared with \$55,000 in 1913.

Efficient Farming the Keynote

(Continued from Page 7)

free circulating libraries, increased school facilities, appointment of farm women on federal, state, and farm organization boards, encouragement of farm home ownership, and an increase in the number of agricultural extension workers were recommended by the committee on farm population and the farm home.

The importance of schools to national life was stressed in the report of the committee on agricultural research and education, which was adopted by the Conference: "The greatest disaster which can come upon a people is the retardation of the development and diffusion of knowledge. America leads in all phases of national life because it always has led in efforts to discover and disseminate knowledge among all the people. Existing institutions for agricultural research, education, and extension should be developed and strengthened. Their facilities should be directed to the solution of the practical and economic problems of agriculture in all their relations, and in aiding all farmers to apply available knowledge to the solution of their problems, individually and collectively. The development of agriculture upon an equality with other industries requires equality of educational opportunity for those who dwell in the country as compared with those who live in the cities and villages. Gross inequality now exists and it must be removed."

"Union labor won a victory in the National Agricultural Conference when that body by a vote of 83 to 64 struck out of a committee report a recommendation for repeal of the Adamson eight-hour law." That is the way the Washington Star started its story of the manner in which Samuel Gompers, ably assisted by John Simpson of Oklahoma, A. C. Davis of Arkansas, and W. C. Lansdon of Kansas, all leaders in the National Farmers' Union, succeeded in striking from the report of the committee on costs, prices, and adjustments, the following:

"We recommend the immediate repeal or amendment of the Adamson law covering the national agreements, the savings thus effected to be reflected immediately in the reduction of freight rates; the repeal of the guarantee clause of the Esch-Cummins law; the improvement of farm-to-market roads; and the development of inland waterways, especially the St. Lawrence deep waterways project."

It was not encouraging to see the Farmers' Union joining with the American Federation of Labor to defeat a proposal advanced by the American Farm Bureau Federation, with the National Grange sitting steady. Neither was it pleasing to note the failure of the leaders of the American Farm Bureau Federation to go to bat when Sam pitched the ball.

Conference Found Itself

Having pleased the labor leaders and aided in the soaking of Farm Bureau leaders, the Farmers' Union leaders failed to follow the lead of Mr. Gompers when he sought the elimination of a resolution from the railways transportation committee, as follows:

"We insist that the railroad corporations and railroad labor should share in the deflation in charges now affecting all industries. This is essential to the restoration of normal conditions in agriculture and it is essential to the welfare of the entire community. We earnestly appeal to those in authority to take such action as may be necessary to accomplish that result."

It was quite clear that the Conference had found itself and it adopted this resolution by a large majority and approved a similar substitute proposed by the committee in lieu of the clause which had been rejected.

The St.-Lawrence deep waterway project was endorsed thru the adop-

tion of the report of the committee on water transportation, and Congress was urged to hasten to turn the Muscle Shoals project over to Henry Ford without delay.

Approval was expressed of the action of Congress in continuing federal aid for the building of interstate, postal, and farm-to-market highways and Congress is urged to continue this policy for an indefinite period. Attention was called to the growing necessity for the regulation of traffic on highways.

It was agreed by the Conference that after the farmer has done all that he can to work out his own salvation, certain aid and sympathetic co-operation must be given by other agencies and other interests if he is to survive.

"He must look to various governmental agencies to direct and assist in the work of combating serious insect and other pests which interfere with agricultural production: the boll weevil and pink boll worm in the South, wheat rust and the serious menace of the corn borer in the North, Central and West, tuberculosis and other diseases of cattle, and various others which cut down returns and increase costs.

"He must have full information on which to guide his productive and distributive operations. Extensions of the statistical divisions of the United States Department of Agriculture and of state agencies so as to provide the basis for a sound agricultural program, which necessarily must include information on cost of production of farm products, domestic production and rate of marketing, and such information from foreign countries as will give an accurate index to export demand. There is needed, further, an extension of the activities in the field service of the Department of Agriculture and of the consular service in stimulating the demands for agricultural products in foreign countries.

"The farmer must obtain effective aid thru numerous farmers' organizations designed to perform commercial services of selling his product or buying farm supplies and thru general associations designed to carry on educational or other constructive efforts in the interests of the agricultural industry.

"Intelligent efforts also must be made to develop consumptive markets for American agricultural products; to prevent adulteration and the use of substitutes; and to develop all possible manufacturing utilization of agricultural by-products.

"Probably the chief source of relief which the farmer may rightfully expect and demand is in the form of a lowering of the prices of products which he buys. This is prevented at the present time by a level of retailers' profits far in excess of any income which the farmer is able to receive, and by high industrial wages and freight rates."

And so I conclude as I began: before all or any of this and more can be put in condition to begin operating, most of those who have not organized their own farming operations on a self-supporting basis will have passed beyond all help as farmers.

Today a Good Time to Start

(Continued from Page 10)

necessary. He felt that a real farm paper could do much to put better livestock and more of it on the farms. It was his idea that fieldmen should be more than advertising solicitors and he felt that they should encourage and help in the advancement of the purebred livestock industry.

Other well known fieldmen who have worked this territory during the last 25 years include Frank Howard and T. W. Morse, formerly with the Drover's Telegram, but now director of the Livestock Service of the Capper Farm Press, Hays Walker, publisher of the American Hereford Journal, and Grant Gaines, then with the Farmers' Advocate. In Nebraska Roy McKelvie, now governor, and G. W. Berry covered the field for the Twentieth Century Farmer.

Kansas has made wonderful progress in the purebred livestock business since I have been in the field. Much excellent stuff has been produced and there are breeders in the state known all over the country. I believe that the progress to be made during the next 25 years will be more outstanding and important and that it will yield to those who make it possible, a far greater measure of reward than came to those who pioneered the way.

"BALL BAND"

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You will come home with dry feet, after working all day in bog or swamp land, if the boots you wear have the famous Red Ball Trade Mark.

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Ten million people look for the Red Ball Trade Mark because they know it is the one sure way to get well-made, long-wearing Boots, Arctics, and Rubbers.

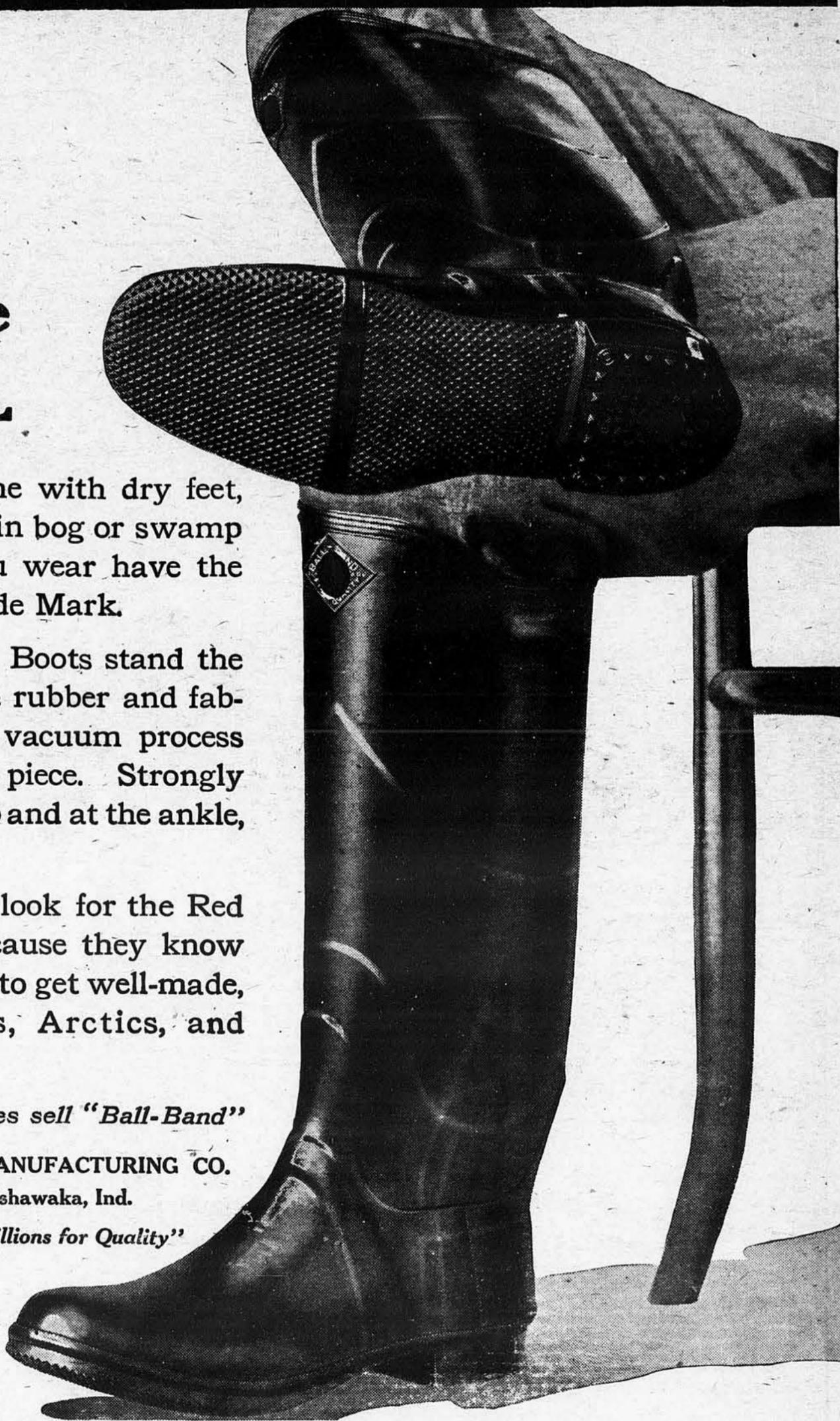
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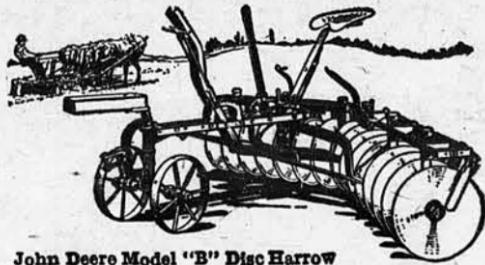
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Up over ridges, down into dead furrows and depressions, on hillsides or on level land—a complete job of disking at even depth the entire width of the harrow can be done under all these varying field conditions by using a John Deere Model "B" Disc Harrow because it is flexible. The gangs are independent of each other. By means of a third lever, pivoted yoke and unusually powerful spring, the inner ends of the gangs can be given light pressure for soft ground or ridges, heavy pressure for hard ground or for going down into dead furrows and depressions. Each gang can be

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A Way to Save Money. Buy a Model "B". Use it with your horses. Later on, if you buy a tractor, you can convert the Model "B" into the popular John Deere Pony Tractor Disc Harrow by buying only a rear section and the proper hitch. Then you will have a harrow that you can use with either tractor or horses—an advantage that often saves much time and money.

John Deere Model "L" Tractor Disc Harrow with Yielding Lock

Two convenient cranks — one for each section. With these cranks, you can set the gangs from a straight line to extreme working angle and straighten them again without stopping or backing.

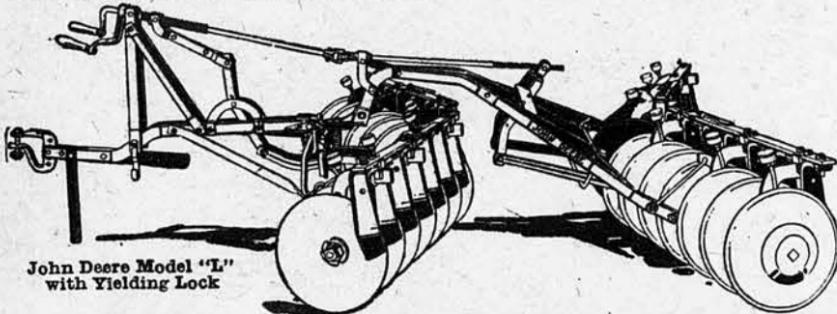
Patented automatic yielding lock coupling locks rear section when traveling straight ahead, preventing rear discs from trailing in furrows

made by front discs. When turning, this lock yields—there is no dragging of harrow around corners.

A Flexible Harrow — conforms to uneven ground surfaces.

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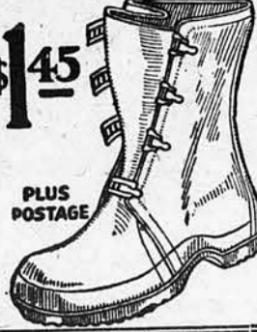
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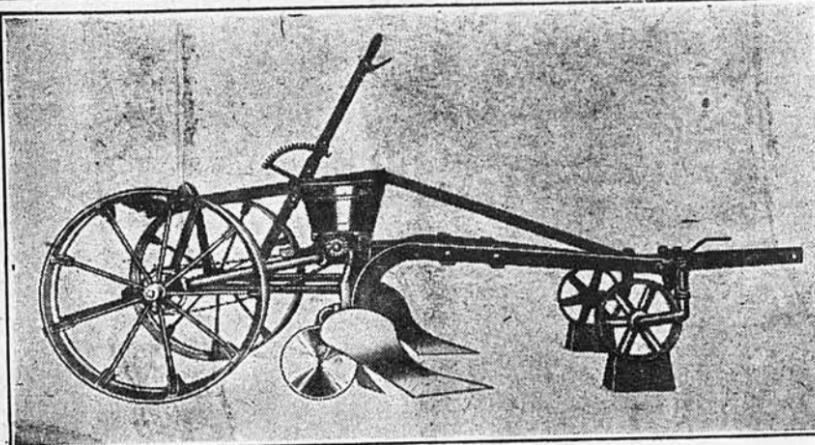
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PLUS POSTAGE



Use Only Four or Five Horses Instead of Six

It may seem absurd to say that four horses will pull a two-row Lister, but last year so many of our customers did this with our Lister that we are compelled to believe it ourselves.

Some farmers even devised a five-horse hitch for the Lister and it worked so well that we are now equipping our Listers with such a hitch. This permits you to plant your corn and not have the horses walk on the rows. It also permits double listing and planting corn between the old rows.

The Lister now can be purchased with either four, five or six-horse hitch, or a tractor hitch, or a combination of any of these.

The machine is strong yet light, weighing only 527 pounds, without the hitches.

It will pay you to investigate this machine as it saves labor and increases yield. Write for circular and price.

Chase-Tinsman Plow Co., 740 P St., Lincoln, Neb.

With the Power Farmers

BY FRANK A. MECKEL

Farming Here is Conducted on a Much Larger Scale Than That in Europe

American farming differs from farming in other countries in that we follow extensive methods largely while other countries, because of lack of available ground must farm intensively. One thing which has helped more than any other to enable the American farmer to keep pace with the increasing demands made upon him is the development of modern farm machinery. We may lose patience with the very "cussedness" of inanimate objects such as balky engines and broken down grain binders, but what would we do without them? Probably revert back to type, and plow with a crooked stick and harvest with a sickle.

That Extra Can of Oil

"One of the most expensive mistakes I ever made was in trying to finish up the day's work with my tractor without getting a new supply of oil. I was nearly done with the day's work and had less than a round to finish. I didn't wish to stop to get a new supply of oil and I just kept on driving. From that time on I had trouble with my tractor and it cost me over \$100 to remedy the damage that I had caused by a few minutes' carelessness."

It is even more necessary to have an extra quart of oil in the fuel box of your tractor than to have an extra gallon of gasoline in your motor car—one is dollars and cents—the other is inconvenience.

Tractor Changes Plowing Time

The advent of the tractor is having its effect upon the plowing habits of the Nation. In the past much of the ground has been allowed to lie idle until spring when plowing was pushed, whereas now it is the custom of most farmers to get into the field and turn over the soil just as soon as the harvest is over. By doing this the ground is placed in condition to receive full benefit of the winter snows and rains and the vegetation plowed under is used to fertilize the soil.

With a tractor plowing can be done to a greater depth, thus releasing more plant food for the next season's crop, and the superior power of the tractor enables the owner to regulate the depth of plowing and insure an absolutely uniform penetration thruout the field.

Government Truck Report

The United States Department of Agriculture has investigated motor trucks on corn belt farms, and finds that out of 831 farmers who own trucks, 57 per cent of them have the 1-ton size.

Two thousand seven hundred seventy-seven miles a year is the average mileage covered, and the cost a mile was between 16 and 17 cents. One-half of the truck owners also have used tractors.

It is interesting to note that 78 per cent of these farmers say their trucks reduce the expense for hired help, and on those farms where there is a reduction, the operators estimate that it amounts to \$209 a year on the average.

Alcohol As Fuel

According to A. W. Scarritt, alcohol is difficult to vaporize, hence difficult to start on; it ignites at a considerably higher temperature than gasoline; it is only six-tenths as rich in heat units as gasoline by weight, tho it is 15 to 20 per cent heavier by volume, which characteristics make it quite different from the common petroleum fuels. It also requires a higher compression pressure, which results in increased mechanical friction.

These are some good reasons why alcohol is not practicable for engine fuel.

As "human" fuel—well, that's another question. It used to be easy to "start on"—creates high temperatures—increases friction, and has a tendency to make the human machine run wild!

Adjusting the Tractor Plow

A few simple rules which are essential in the adjustment of plows for tractor plowing are given by Donald

McDonald, a well-known plow man. They are as follows:

"Adjust the springs till the weight of the plow beams and bottoms is practically balanced.

"Hitch plow at a point on tractor drawbar midway between horizontal center of tractor and horizontal center of plow.

"Adjust vertical position of hitch so as to be substantially level in working position.

"Set levers for first position and open first furrow.

"Change levers to working position.

"When plowing is finished, set levers in transport position and take plow and tractor to nearest shelter."

Home-made Tractors

There may be a few good home-made tractors working around in different parts of the country, but machines that really are effective and give the service that a well built machine of standard design does, are mighty scarce. It stands to reason that no matter how experienced a mechanic may be, he cannot produce in the first machine he builds one that will compare with a sample of a type, built in the thousands or tens of thousands, which has gone thru years of experimentation and testing with all its peculiarities and difficulties eliminated.

Must Run at Proper Speed

A machine is designed to be operated at a certain speed or with only a limited variation either above or below this speed. It will do its best work when operated at this speed and if it is operated at any other speed, the best results will not be obtained and often serious failure will result. For instance, the gas engine may be designed to operate at a maximum speed of 500 revolutions a minute. It may be uneconomical and perhaps dangerous to run it at a speed faster than this. The lubrication, the reciprocating parts, the fly wheel and the bearings have all been designed for pressure and strains resulting from this speed, and if it be exceeded, something is likely to break.

With power units and power driven machines coming into wide use, it is necessary to give careful consideration to the matter of speeds. Tractors are made with different size pulleys, running at different speeds. The same is true of power driven machines of the same class. For instance, one ensilage cutter may have a 10 inch pulley, supposed to run at 700 revolutions a minute, while another one may have an 8-inch pulley, supposed to run at 900 revolutions a minute. It is clear that confusion is sure to result if the machines are connected up without looking to see what size pulleys they possess.

Manufacturers, engineering societies and users are all interested in the proposals which are being made to standardize belt speeds and final action is very close on the adoption of the following speeds: 1,500, 2,600, 3,000, 3,250 and 3,500 feet a minute

It means that manufacturers will have to carry fewer pulley sizes in stock and buyers of machines will obtain not only the indirect advantage resulting from this, but the great advantage of not having to change pulleys when it is desired to use certain machines.

Grain Growers Make Progress

The U. S. Grain Growers, Inc., continues to make progress in increasing the membership. The latest report showed 41,577 members—an increase of 1,584 for the week—and 993 elevators and shipping associations.

Organization work in Kansas will be pushed rapidly; the movement will be in charge of J. A. Crawford of Rawlins county. Mr. Crawford has had charge of the Grain Growers' organization campaign in Nebraska where more than 8,000 growers and 225 farmers' elevators have affiliated with the campaign. He is making plans to start the Kansas work in the northern tier of 12 counties at once. Kansas farmers will be used to conduct the Kansas organization work.

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$24, or one three-year subscription, \$2.—Advertisement.

Butchering Day is in Season

Killing and Curing are Not Difficult

BY L. REED

Now that farmers are getting back to the safer basis of farming and are growing more feed crops and giving more attention to hogs and the home meat supply, probably more hogs will be fed and butchered, and more meat cured on the farms than has been the case for some years past. Hitherto the high prices of grain demanded the attention of farmers to the extent that home production of meat and lard was given so little thought that hogs vanished from many farms. Farmers depended on the packing houses for the meat supply, which is neither as satisfactory nor as economical as that produced at home.

Hogs without ample feed and some care always will prove failures. This has been demonstrated too many times during these years when all the attention was given to the production of more high-priced grain. Yet there never has been and never will be a time when it does not pay to grow enough hogs to provide the home supply of meat products. A very few shotes, pasturage, reasonable care, and some grain feed for finishing off always will assure sufficient meat and lard for home use.

Medium Weight Hogs Best

Hogs weighing around 200 pounds net are desirable for home consumption. The very large hogs give thick, fat bacon, not so desirable as those of medium size, and one also may get a better-flavored cured product from the medium-size pieces. There is no hidden art in the killing of hogs, and curing of first class bacon and hams. By using care and following essential rules there need be no fear of failure, as the process is simple and easily performed.

Warm, damp weather is fatal to fresh meat. Sometimes with the best of care meat will sour and become tainted in the joints and around the bone so that if the whole joint is not ruined, the bone must be removed and the result is very unsatisfactory. A cool, clear spell of weather always should be chosen for butchering. Just after a period of falling weather, when the sky has cleared up with a brisk breeze from the north, is an ideal time for this work, as several days of clear, cool atmosphere are likely to follow and this is best for curing the meat. A continuous freezing temperature is not good as salt will not penetrate frozen meat.

If there are several hogs to butcher, the work should be started very early in the day in order that the meat may be trimmed and spread out to cool, also that the lard and other trimmings may be gotten ready for working up the following day. Don't kill a hog right in the pen with others. Turn them out one at a time, drive around as near the scalding vat as possible and kill, thus avoiding exciting the others. Shooting with a rifle is the most humane way of killing. Have the "sticker" ready with a keen pointed knife. If he understands his business he will make a straight stroke with the knife and there will be no bloodshot shoulders, which often do not keep well.

Cool Before Cutting Up

After a hog is cleaned, hung, scraped, and washed well, remove entrails, prop the body open with a stick and leave it to cool for a couple of hours or longer, when it may be cut up, and the pieces trimmed and spread out on benches or tables to cool until morning. Never salt meat until all animal heat has left it. We trim joints closely, removing all objectionable lumps of fat. These are utilized in making lard while fresh instead of being left to become strong and unfit for use. Hock bones of both hams and shoulders are sawed off several inches above the knee joint, these joints being used while fresh as they, too, are virtually worthless when old.

There are two popular methods of curing: dry salting, and sugar curing. The dry-salt method is used largely by farmers because they have not taken the trouble to test out the sugar or brine cure, which has so many points in its favor that once tried one scarcely ever will go back to the old

way. Some of the most important advantages of this method are that a perfectly even cure may be had throughout the pieces. The meat being entirely submerged in the brine affords perfect protection from the blowfly, which is one of our serious menaces to meat curing.

To cure by this process, allow the meat to cool thoroughly. Trim the joints into neatly rounded pieces, removing all surplus fat chunks from shoulders and hams, and excess fat from the tops of the middlings. Pack into a clean, sweet barrel, or large stone jar,

putting hams and shoulders in the bottom and using sides which may be cut in two strips to fill in between or put on top. For each 100 pounds of meat ready to pack in the barrel, use 8 pounds of salt, 2 pounds of brown sugar, and 2 ounces of saltpeter. Dissolve all in 4 gallons of boiling water, and after cooling pour over the meat and weight down so as to keep under the brine. After two weeks remove meat and repack, placing that which was in the bottom nearer the top. Bacon strips should remain in brine four to six weeks, and hams and shoulders six to eight weeks according to size and the prevailing temperature during the curing process. When the curing process has penetrated to all parts of the meat, it then is ready to be taken from the brine, washed well, sprinkled with pulverized black pepper

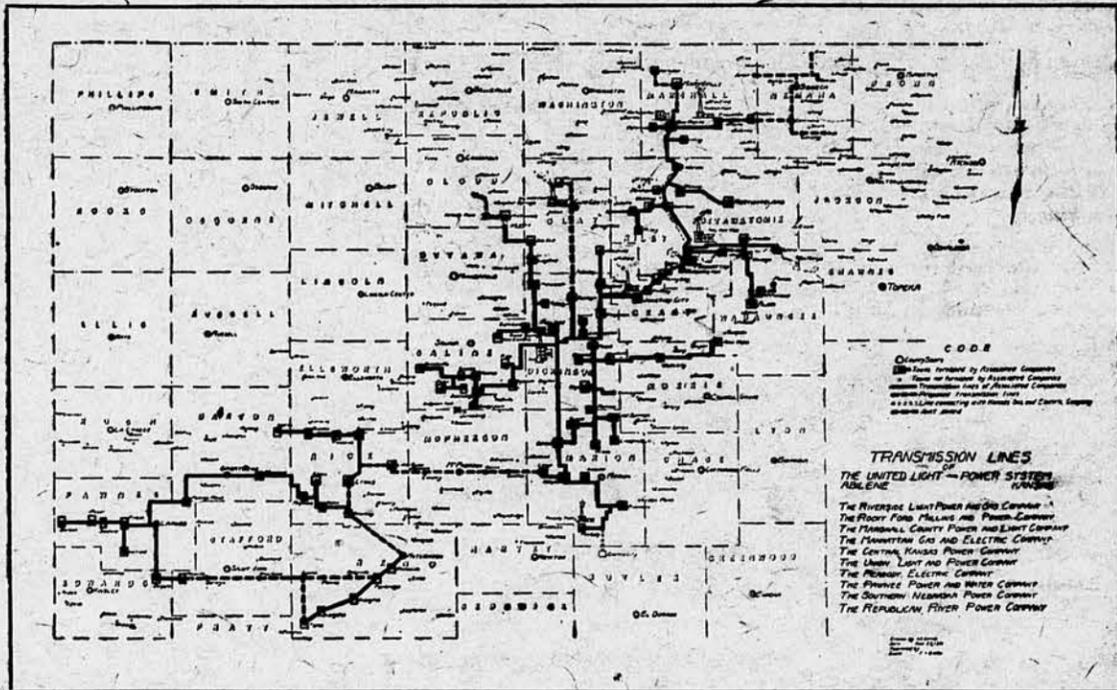
(Continued on Page 33)

GOOD FARMING PAYS

Every farmer wants to have better, more, and more certain crops. The WESTERN LAND ROLLER does all of this. It has proven it to thousands. It pulverizes and packs as deep as plowed, leaves a loose surface for rain, and is perfect for all your operations. Get it to 10 years of perfect service by getting it now. It is the best investment you can make. Write today for book and price, freight paid.

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Plant Fruit This Year



Fruit is almost always scarce and high-priced and many farmers could make more money by giving more attention to fruit and less to grain. This is a good year to plant an orchard and start some patches of small fruit.

True Delicious Apple

A wonderful apple—large fruit, beautiful dark red, quality unsurpassed. Sweet, slightly touched with acid. Comes out of storage in April in perfect condition.

Rutter Dwarf Pear—Bears when very young full crops of delicious fruit. Will not blight. Ripens in September; a good keeper.

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Among the County Agents

BY RURAL CORRESPONDENTS

FARMERS in Jackson county are making good use of the building plans sent out by the extension architect of Kansas State Agricultural College. E. H. Leker, county agent, says that Walter S. Ward, extension architect has assisted during the past summer in planning arrangements for a house and water and sewerage system for Charles Ryan of Muscotah. He also has helped in planning a farm site for the new home of J. M. Ryan, 1½ miles south of Holton, and has given assistance in planning a site for a new general purpose barn, hog house and granary and a poultry house for C. I. Brown of Holton. Assistance was likewise given W. A. Gilliland of Denison in planning an addition to his barn to serve as a dairy shed, and recommendations were made for remodeling Mr. Gilliland's house. Knox Shaw of Holton received assistance in planning an ice house and a general purpose barn, while blue prints for new poultry houses were supplied to Mrs. Frank McKeever of Mayetta and Mrs. George Walton of Holton.

Egg Laying Contest Started

An egg-laying contest is being put on in Rice county by the Rice County Farm Bureau and the Lyons Commercial Club. The prizes offered are \$50 for first prize, \$25 for second and \$10 for third. Any person or persons owning or managing a flock of chickens in which the number of laying hens equals or exceeds 100 is eligible to enter the contest which began last month and will close March 31. Every person who enrolls in the contest receives a record book free from the county bureau. Walter B. Adair, county agent, says that considerable interest is being shown in the work.

Dairy Records in Dickinson

December 31, 1921, saw the close of the ninth successful year for the Dickinson County Cow Testing Association. Dickinson county organized the first association in the state in 1912. At that time only three herds in the association contained any purebred cows. At present every herd is headed by a purebred bull and contains one or more purebred females. Silos were found on the most up-to-date farms at that time but Dickinson county now leads the state in the number of silos, having at present 467 or eight more than any other county in the state. No complete records of production

were kept but it is known that many cows in the association produced less than 20 pounds of fat when the association was first organized. The present record is 85 pounds of fat in 30 days, while several cows have produced more than 500 pounds of fat in 10 months.

Three charter members are still in the association.

To Spot Boarder Cows

Harvey county now according to A. B. Kimball, the county agent, has a full-fledged cow-testing association. Following the educational campaign of the last two months a group of dairy-men met at the Farm Bureau office recently and decided to go ahead. A constitution was adopted, officers were elected, and arrangements made for a tester and for equipment.

The board of directors is composed of Alva Souder, L. G. Krider, and P. W. Enns of Newton, Oscar Jones of Burrtown, and J. K. Zook of Hesston. They proceeded to elect the following officers, L. G. Krider, president; Oscar Jones, vice-president; and P. W. Enns secretary-treasurer. The total cost for the year will be \$41 for every herd of 30 cows or less. Oscar Jones, the College Hill Holstein Dairy, and Alva Souder have signed up for semi-official work.

Good Way to Sell Seed

Ford county has a farmer who is getting a good reputation for growing pure alfalfa seed. Last fall Albert Miller, who lives near Howell, listed his alfalfa seed for sale with Harry C. Baird, county agent. Samples were sent to other agents in the state who had inquiries for seed. In a short time farmers in Franklin county had bought all the seed which Mr. Miller produced. Recently Franklin county farmers, thru F. Joe Robbins, Franklin county agent and Mr. Baird, made a contract for all the alfalfa seed Mr. Miller can raise this year.

National Honor for Kansas Woman

The only Kansas woman selected to attend the farm conference at Washington was Mrs. A. W. Wise of Clearwater, Kan. Mrs. Wise was the Kansas woman delegate to the American Farm Bureau Federation's Annual Convention at Atlanta. Mrs. Charles W. Sewell, Otterbein, Ind., who was the farm bureau speaker at the annual meeting of the Kansas State Farm Bureau, was also one of those chosen to attend the Washington conference.

Farm Bloc; Where It Comes From

Reprinted From the February Farm Life

WHILE there are said to be no hard and fast rules holding any Senator or Representative in the "agricultural bloc," it is understood that the following constitutes the list of those pledged to act in unison until the remaining agricultural measures are enacted into law:

In the Senate

- | | |
|----------------------------------|-----------------------------------|
| Ellison D. Smith, South Carolina | Duncan U. Fletcher, Florida |
| Frank D. Gooding, Idaho | Morris Sheppard, Texas |
| John B. Kendrick, Wyoming | E. F. Ladd, North Dakota |
| George W. Norris, Nebraska | J. Thomas Heflin, Alabama |
| Joseph E. Ransdell, Louisiana | William S. Kenyon, Iowa |
| Arthur Capper, Kansas | Andrieus A. Jones, New Mexico |
| Charles L. McNary, Oregon | William J. Harris, Georgia |
| Peter Norbeck, South Dakota | Henry F. Ashurst, Arizona |
| John W. Harrell, Oklahoma | Nathaniel B. Dial, South Carolina |
| | Robert M. LaFollette, Wisconsin |

In the House

- | | |
|------------------------------|---|
| Homer Hoch, Kansas | William Williamson, South Dakota |
| Fred B. Genard, Pennsylvania | O. B. Burtless, North Dakota |
| John W. Summers, Washington | Edwin B. Brooks, Illinois |
| John H. Smithwick, Florida | William C. Lankford, Georgia |
| Philip B. Swing, California | Burton L. French, Idaho |
| L. J. Dickinson, Iowa | Charles A. Christopherson, South Dakota |
| C. B. Hudspeth, Texas | John C. Ketcham, Michigan |
| Robert E. Evans, Nebraska | Roscoe C. Patterson, Missouri |
| Richard N. Elliott, Indiana | Ladislav Lazare, Louisiana |
| John D. Clarke, New York | Charles I. Faust, Missouri |
| F. B. Swank, Oklahoma | James H. Sinclair, North Dakota |
| A. P. Nelson, Wisconsin | Guy L. Shaw, Illinois |
| Frank Clague, Minnesota | Henry B. Steagall, Alabama |
| James G. Strong, Kansas | Edward T. Taylor, Colorado |

Modern Farming in Kansas

BY S. M. BROWNING

CONSIDERABLE interest is developing in Kansas in growing grapes. That is fortunate, for this is a fruit crop which does well as a rule without spraying. It should be planted far more generally on most farms. With such crops as apples good spraying methods are necessary, and most farmers are showing a lack of interest in the acre orchard. Will that mean that the home orchards which have been the rule on the farms of the Middle West will "pass out?" Perhaps. And again there may be a greater interest in fruit growing on a small scale developed. Certainly there is not nearly enough fruit used in the diet of the average farm family.

In any case it will pay to "get after" the fruits which may be grown with the minimum of spraying. These include the bush fruits, cherries and grapes—the good old Concord variety is especially popular. Why not put out a few vines this year? If you need detailed information on methods of culture and especially trimming, which is a much neglected operation, you can obtain a mighty good Farmers' Bulletin on this subject from the United States Department of Agriculture, Washington, D. C.

Concerning F. D. Farrell

Agricultural interests in this state are mighty fortunate in having a man like F. D. Farrell, with the sound economic ideas which he has, as dean of the division of agriculture at the Kansas State Agricultural College. In this hour in our economic life, which to say the least is not the brightest, there is a fine hand-made opportunity created for the dreamer and the bunc artist. They are abroad in the land with cure-alls for all of our economic ills. Never has the supply of economic mis-information been so large. It is a time for sane thinking, and there is a need for more of this than we seem to generate right now.

In Dean Farrell the state has a man who thinks sanely, and who thru all his life has made a deep study of economic problems. His experience has been national in scope, and efficient in character. Dean Farrell is not following in the wake of the buncartists; he is talking common sense. May we develop more men like him! Our agricultural interests need 'em.

What About Soft Wheat?

Kansas is the home of hard wheat, and these varieties, especially Kanred, will always make up the bulk of the production. But there is a considerable section in Eastern Kansas where the soft varieties do best, and the acreage has been increasing; this is especially evident in a typical county like Coffey, where both hard and soft wheats are grown.

Now despite the magnitude of this industry, it is extremely interesting to note that there are no pure varieties of soft wheat in Kansas—at least there are none which this paper knows about. Some are better than others, but in general we have "fallen down" in our work with soft wheat. It would pay well to develop some pure, high-yielding varieties of soft wheat in this state, as we have done with Kanred.

To get this it probably will be necessary to make an investment in a study of the soil types of Southeastern Kansas and carry on some wheat breeding operations with soft wheat. There

should be an agricultural sub-station in Southeastern Kansas. This will come in time; it should have been established many years ago. If it isn't desired to establish a station at this time satisfactory work could be done by obtaining several small fields in different counties on which inexpensive experimental work could be done in much the same way as on the farm of A. M. Dunlap of Carlyle.

Soil problems are more serious in Southeastern Kansas than in any other part of the state. It is time that we should take up these problems in an aggressive manner, and get more information than we now have in regard to their best management.

Some Progress in Breeding

While there is a great deal to do yet in developing the quality of the animals on Kansas farms, the producers have many things to their credit. Substantial progress has been made in improving the quality of the flocks of chickens; standardbred birds now are found on most farms. Purebred boars now are the rule, instead of the exception as was the case 10 years ago. There has been a great decrease in the number of scrub stallions. Great progress has been made on many dairy farms in increasing the average production; this movement has of course been helped greatly by the decided interest in this type of farming which has been increasingly evident in the last five years, the business is now making rapid progress. The beef producers also have been doing mighty well, altho not on all farms, by a whole lot.

But we can go much farther in developing a higher standard of breeding. The opportunity in this direction with dairy cattle is especially evident. A larger part of the agriculture of the future in Kansas must come to depend on livestock, and it is of the greatest importance that the faith be placed in animals which have efficient breeding behind them. The day of the constructive breeder is here.

What About the Soils?

Kansas farmers upset, with great enthusiasm, most of their crop rotations during the war. This was the thing to do; with the demand for grain so great, it was essential that the greatest possible production be obtained. That day is passed; the logical thing to do now is to take stock of our rapidly declining store of fertility, and make an effort to get rotations established which will increase the yields of the future. We are not so far along with logical rotations as we were five years ago.

This state needs to double the alfalfa acreage, and get a great increase in the planting of Red and Sweet clover, give more attention to cowpeas and soy beans, and show a little more logic in the relationship between the grain crops. There is too much wheat in the wheat belt and too much corn in the corn belt; the increase in the wheat acreage in some counties in Eastern Kansas in the last few years has been an encouraging item in diversified farming, but we need more of this. A logical rotation system, with a big place for the legumes—soil building crops—is needed on every farm.

In Berlin the first skyscraper, nine stories high, is in the course of erection.



When the Tinker Came Along

THERE was a hole in your mother's dishpan. How was it to be mended?

One day Citizen Fix-it, carrying his battered fire-pot, with its bed of glowing coals, knocked at the back door.

You and your playmates watched him, fascinated, as he drew his iron hot from the coals and melted the end of his bar of solder. He rubbed the molten solder over the pan, and presto! the hole was gone.

Every day you live, solder figures in your life. When you turn a faucet, the water runs through pipes whose joints have been made water-tight with solder. The tins of fruit, meat, salmon and vegetables opened in your kitchen are sealed with solder. So are the tubes in the radiator of your automobile. Solder closes the joints of tin roofs, gutters, and leaders.

Solder is a product of lead. Good solder is made of pure lead and pure tin, alloyed in the right proportions.

Countless other products of lead add to the comfort and convenience of your daily life—very often without your knowing it.

Consider your automobile, for instance. Besides the lead in the solder of the radiator, there is lead in the battery, in the bearings, in the glass of the headlight lenses, in the rubber of the tires, in the paint, and in the rubber mat on the step.

There are many other important uses of lead in the arts and industries of civilization, and the most important of all is the use of white-lead as the principal factor in good paint.

The more white-lead any paint contains, the greater its protective power and its durability. Painters commonly use what they call "lead-and-oil" for all their outdoor work. This is simply pure white-lead, thinned by adding pure linseed oil. This paint is famous for its staying qualities and the long life it gives to the surfaces it covers.

The importance of paint-protection is just beginning to be generally understood. People are learning that a general heeding of the maxim, "Save the Surface and You Save All," will mean the conservation of millions of dollars yearly in property values. Unpainted or poorly-painted surfaces decay—a surface painted with a good white-lead paint remains whole and sound.

National Lead Company makes white-lead of the highest quality, and sells it, mixed with pure linseed oil, under the name and trade mark of

Dutch Boy White-Lead

Write to our nearest branch office, address Department O, for a free copy of our "Wonder Book of Lead," which interestingly describes the hundred-and-one ways in which lead enters into the daily life of everyone.

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Save the surface and you save all!



Some Products Made by National Lead Company

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- Dutch Boy Red-Lead
- Dutch Boy Linseed Oil
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- Dutch Boy Babbitt Metals
- Dutch Boy Solders
- Lead Pipe
- Printers' Metals
- Traps and Benches
- Bakelite Products
- Condensate Products
- Fuse Wire
- U. S. Cartridges and The Black Shells

More Livestock for Kansas Farms

BY J. C. MOHLER

ONE of the wisest steps Kansas farmers could take now would be to judiciously stock their farms with well-bred animals to the extent of the number the farm will carry. At present the beef making industry is greatly depressed, but the inevitable reaction always following such periods is bound to come. When it is at low ebb is a good time to get into a stable business, to profit by the first flush of better times.

The man who produces his own cattle, who grows them himself and grows the feed to feed them, has a business as safe as the banking business. This system is admirably adapted to Kansas, where conditions are so favorable for diversified agriculture and livestock, and diversified farming is the corner stone of a permanently profitable industry.

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

Club Has a Birthday Cake

BY MRS. IDA MIGLIARIO



SEVEN pink candles on a big white cake did not mean the celebration of the youngest child's birthday. It meant the seventh anniversary of the organization of the D. and L. club in the Rock Hill community of Riley county.

Three fundamentals have made this club a success. First, a group of alert, progressive women have been banded together; second, the study program of the club which has been a combination of domestic and literary subjects has filled every meeting day with intensely interesting subject material; third, the motto "Look for sunshine, not for

shadows," has been the spirit of the club all thru its history.

The 1921-22 year books of this club show that much is to be accomplished during this year. Here is a program that is going to help many a busy house mother to get a new and broad vision of her present day opportunities:

February

Muddles at home make husbands roam.—
Proverb.
The Housewife of Yesterday, by Bell Barry.
The Modern Housewife, by Beryl Howenstine.
Roll Call—Has the modern woman advanced as a housekeeper and mother?

Try This Valentine Party

Everyone likes things that are different. Try writing your valentine party invitations in old English this year. White correspondence cards decorated with cupids or hearts may be used, or the invitations may be written on cupids or red hearts. Here is a sample invitation:

Good Morrow, valentine. I send you this little messenger to bid you kindly welcome to a valentine partie at my home on February 14 at eight of the clocke. Prithee, try to be with us.
Josephine Davis,
Elmwood Farm.

Of course, since it is to be a Valentine party, we'll use red crepe paper and strings of red hearts for decorations. Shading the lights with red crepe paper lends a soft glow to the room. Red candles are also effective.

Truly games make the party and they should be chosen and prepared in advance. This is a good mixer; Number each girl. Then give to the men cards bearing corresponding numbers, and request them to write a description of the girl who has the number on their card. The cards are then given to the hostess. Now the descriptions are read, without giving the numbers, and the men bid for them, using little red cardboard hearts for money. Much of the fun lies in the fact that the girls seldom have an idea whose description is being read.

Five Minute Race

Divide the company into two sides, giving each guest a sheet of paper and a pencil. See which side can write the most terms of sentiment in 5 minutes. If the same word is named by both sides, it is struck off the list. Each word counts a point, and the side having the most points wins.

Give each guest a sheet of paper and a pair of scissors. See who can, in 5 minutes, cut out the most hearts without folding the paper. A prize may be awarded.

After partners are chosen for this game, form a circle. Each couple is asked to talk for 5 minutes on this subject, "Which did humanity the most good, St. Patrick or St. Valentine?" When the 5 minutes are up, the men change places with the man on their right. For another 5 minutes, "Which would you rather under-

go—smallpox or unrequited love," is discussed. When the appointed time has elapsed, the men again move one place to their right and discuss, "Do you agree with the poet that 'Tis better to have loved and lost, than not to have loved at all?" If it is desired, a forfeit may be taken from anyone who talks on anything other than the assigned subject.

A Valentine party without fortunes would be like a meal without dessert. To tell fortunes, make a large heart of cardboard and mark it off into sections, labeling them, wealth, health, happiness, requited love, success in business, a career, happy marriage, divorce, new friends, enemies, old maid, old bachelor, author, teacher and anything else that foretells the future. Hang the heart against the wall and blindfold the guests, one at a time, and giving them a bow, have them walk to the heart and touch it with the bow. The section they touch indicates their future.

Kewpie Game is Fun

An old-fashioned valentine box is a good way to finish the evening of fun. Request each guest, in his invitation, to bring two or three valentines. These are addressed and dropped into a box sometime during the evening. The box is opened and the valentines called off.

A kewpie (Q-P) game is fun. Give all players a pencil and paper. When Q is called, all players write down words beginning with Q. When P is called all words beginning with this letter are written. The person having the most words at the end of 10 minutes wins a prize.

An unusual centerpiece may be made by arranging a large heart in the center of the table, using small candy hearts to make the design. These may be given as favors after refreshments have been served. Cupids make attractive place cards. Strawberry gelatin with whipped cream and heart-shaped cakes make delightful refreshments.
Louise Collins.

A Gray and Lavender Bedroom

A gray and lavender scheme works out beautifully in a bedroom. One can make the bedspread of unbleached muslin sheeting and make it long

enough so that it will cover the pillows. Then no shams will be needed. A design stamped in cross-stitch and worked out in several delicate colors, with lavender predominating, will finish the spread.

This same design may be worked on scarfs and on the back and arm rests of chairs. Curtains of the same material may be made with the same design in each corner and a running cross-stitch down the hems. Floors may be painted a dark gray with a small lavender design stenciled in a narrow border to finish the room.

Other combinations that are equally as delightful may be worked out in dotted swiss and pink and blue cretonne. In using the dotted swiss and cretonne, the spread, pillow shams and scarfs are all made of dotted swiss, with a narrow border of pink or blue cretonne. Sheer white dotted swiss makes pretty curtains.
Mrs. Ruth Thomas.

Tomatoes Vary the Commonplace

When canned tomatoes are plentiful, a pleasing variety can be obtained by combining tomato sauce with otherwise somewhat prosaic foods.

Tomato Sauce

1 cup stewed, strained tomato	¼ bay leaf or 2 cloves
2 tablespoons butter	1 slice onion
2 tablespoons flour	Salt
	Pepper

Melt butter, add dry ingredients and blend thoroly. Add strained tomato juice and cook until thick. Serve over toast, with meats or fish, mix with cooked rice or macaroni, combine with corn or beans, or after adding milk or meat stock, serve as a soup.

Envelopes Make Salt Chutes

There is a place and a use for everything in this world, it has been said. Even used envelopes have their uses. They make excellent funnels for filling the salt and pepper shakers.



Just clip a small corner off of the envelope and place it in the neck of the salt or pepper shaker. Use it in the same way that you would an ordinary funnel.

Kansas Woman Was Invited

The important part that the farm home plays in the success of American agriculture was recognized in the number of farm women who were invited to participate in the National agricultural conference held in Washington during January.

There were 26 women invited. Mrs. A. C. Wise, of Clearwater, was the representative from Kansas. Mrs. Wise is a college woman and a member of the Farm Bureau. She operates an 800-acre farm. Four of her six children live on farms.

Grandpa Enjoys Playing Piano

A few weeks ago we spent the evening with neighbors whose parents were visiting them. As usual the older folks were visiting and the young people—there were eight of them—were gathered around the piano. Many rolls of popular music had been played and sung, each one accompanied with much laughter and somewhat riotous singing.

Suddenly a reverent quietness settled over the youngsters and we heard them singing "Silver Threads Among the Gold," in modulated voices. Without an invitation we joined them. When the last note was sounded the oldest one in the crowd, a man of 70 years, said in a wistful voice, "My! but I wish I could play that song, I've always liked it so much."
"Come on, grandpa, you can play

it," said the oldest grandson, "I'll show you how."

Proudly the grandfather took his place on the piano bench and we had a genuine community sing. The music cabinet was well filled with old time songs and we sang everything from "Carry Me Back to Old Virginny," to "Face to Face." And the 70-year-old boy operated the player piano thru the whole time.
Mrs. E. H. Riley County.

Again We Think of Lincoln

When we think of Abraham Lincoln and marvel at the way he rose from the ranks to the highest place in our Nation, I wonder if we ever give due credit to the stepmother who did so much to mold the character of the boy.

We see the stepmother, Sarah Bush Lincoln, as she comes one day to that frontier cabin home in Illinois and meets the gray-eyed boy still grieving for the mother whose grave he left behind in Indiana. Had she been as some women are, she would have

Lincoln Said:

BACK of every great tool, art, law and liberty stands a great man; therefore, the real business of this republic is the manufacture of souls of good quality.

turned an indifferent shoulder to the quiet boy entrusted to her care, but instead she soon won his confidence and love.

With her she brought comforts unknown to the Lincolns, including warm bedding. Can you not imagine her doing her smiling best to create within that humble dwelling an atmosphere of happy, congenial home-life, adding to those meager surroundings the womanly touches that mean home?

Sarah Bush Lincoln does not go down in history as a great woman, for she was only the keeper of a humble frontier home. But surely she, in the every day, routine work of that isolated home, rendered a great service to her country when she gave of her best to the wise guidance and development of the man who held the Union together in those dark days.

Spring Fashion Book is Out

Our spring fashion magazine is more than just a pattern catalog. It contains approximately 400 pattern styles, three pages of embroidery designs, a

FASHION MAGAZINE SPRING 1922



page of movie star styles, a fashion talk, points for the needle and a complete seven-lesson course in dressmaking.

Send orders for this book to Pattern Department, the Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents.—Adv.



Long Lines Lend Dignity

A Blouse You'll Want to Make is Featured

BY MRS. HELEN LEE CRAIG



1295—Woman's Apron. This apron which can be cut in one piece and adjusted by buttoning the straps at the back is a garment which every housewife should have. Sizes 36, 40, 44 and 48 inches bust measure.

1286—Woman's and Misses' Blouse. Delightfully youthful is this blouse of georgette. Sleeves are set into square armholes and are gathered into deep bands to give a puff effect. Sizes 16 years and 36, 40 and 44 inches bust measure.

1302—Woman's House Dress. A good looking and practical style for a house dress is illustrated. Sizes 36, 40 and 44 inches bust measure.

1143—Girls' Dress. This jumper may be made of a serviceable dark material, and can be worn with wash-

able white guimpes. Sizes 4, 6, 8, 10, 12 and 14 years.

1306—Stout Woman's Dress. The panel front, bordered by narrow trimming bands gives a long, slender line which lends grace and dignity to the large woman, and height to the short woman. Sizes 40, 42, 44, 46, 48 and 50 inches bust measure.

1292—Boys' Suit. The play suit shown consists of trousers in slip-on overall style and a separate waist. The outer garment buttons on the shoulder and is cut in one piece. Sizes 2, 4 and 6 years.

These patterns may be ordered from the Pattern Department, Kansas Farmer and Mail and Breeze, Topeka, Kan. Price—5 cents each. Give size and number of pattern desired.—Adv.

Farm Home News

BY MRS. DORA L. THOMPSON

An unexpected summons called the writer to her early home in southwestern Wisconsin. She had not expected that "hard times" would be felt in that land of big milk checks. It seems, however, that farmers in all localities are similarly situated. In fact, many there bought land at prices ranging between \$300 and \$400 an acre. As they are taxed accordingly, they feel the low prices even more than we do.

Last year the farmers were unable to fill their ice houses. This year they have had enough cold weather to make ice of the desired thickness and the big houses are filled to the roof. In my home locality, they had no more fruit than we did. Near the Dells, there was an abundance of apples and in the Sturgeon Bay district, there was a record breaking crop of apples and cherries. Here the orchard men and women have learned the value of co-operation. They buy and sell as one. Their company organization owns the canning factory, piers, boats and all things needed for marketing the fruit products.

There was a time when practically all farm women in southwestern Wisconsin helped with the milking of the big herds of dairy cattle. Then came the milking machines and many women were excused from the work. Now, in many cheese factory districts, the cheese makers refuse milk from milking machines and the women are being drafted for service again.

"Don't throw away your old dry cells," said a fireman who has made many a hurried trip to chimney fires. "They're the best things in the world to use in cleaning chimneys. Just put them in your furnace or stove and the soot will vanish as by magic." Many have heard of the value of zinc

fruit can lids as a cleaner of stoves when placed on a bed of hot coals.

One Chicago paper sent out a representative who gave a \$100 draft to the wearer of the "day's brightest smile." So far as we read the list of recipients none of them were farmers. It might be well to have such an offer made for farm people.

Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. Give name and address. No names will be printed.

About Mop Wringers

What are the advantages of mop wringers?—Mrs. B. C. E.

Mop wringers save straining the arms and wrists and they protect the hands from being constantly in the water thus keeping them from chafing. They also wring the mops drier than can be done by hand and this means a better piece of work is done with the mop. One needs to be sure that the mop fits the wringer.

A Laundry Help

Do you know an easy way to take out and replace colored ribbons in underwear when it is washed?—Mrs. G. A. R.

Fasten a piece of white tape to one end of the ribbon and when the ribbon is drawn out the tape will replace it. After the garment is ironed sew the ribbon on to the end of the tape and draw out the tape. This method saves time.

Postal Card Shower is Appreciated

What kind of a surprise shower do you think would be suitable for my mother who will celebrate her 80th birthday soon?—Mrs. P. F. S.

I would suggest a postal card shower. Write a note to her friends far and near and ask them to send her a few lines of greeting. Be sure to tell them the date of her birthday.

20 MULE TEAM BORAX



FOR WASHING DISHES AND DISH TOWELS

20 Mule Team Hauling Borax Out of Death Valley

It's actually easy to wash dishes with 20 Mule Team Borax. To a dish pan of hot water add a tablespoonful or so. It doubles the cleansing power of soap and water, it cuts out the grease and makes dishes, pots, pans, milk cans and churns *absolutely clean*, easily and pleasantly. 20 Mule Team Borax is good for anything it touches; it is a water softener and should be used wherever soap is used. It is a solvent for pots and pans, and it makes skin white and smooth. 20 Mule Team Borax is in all clean kitchens—is it in yours? At all grocers. Send for the Magic Crystal Booklet.

Pacific Coast Borax Co., 100 William St., New York
NATURE'S GREATEST CLEANSER

5 Years for \$3.00—Save \$2.00

Why pay \$5 for Kansas Farmer and Mail & Breeze the coming five years? For a short time only you can order Kansas Farmer and Mail & Breeze for a term of five years for \$3.00.

For one year.....\$1.00	Canadian postage, 50 cents a year extra.
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For three years.....\$2.00	
For five years.....\$3.00	

Even tho your subscription does not run out for several months, it is advisable to renew now while you can still get five years for \$3.

Kansas Farmer and Mail & Breeze, Topeka, Kansas

Please continue my subscription to Kansas Farmer and Mail & Breeze for a term of.....years. You will find enclosed my remittance of \$..... to cover.

Name.....
Address.....



Save the bird in hand— Others may be hard to catch

With enough money, enough time and enough luck, a man may get back the health he has lost—or part of it.

It takes patience, too. And then there may be no success, or only a little.

It's better to save what you have than hunt for what you've lost—as the most successful health-restorers will tell you.

Much of the loss of health is due to faulty, careless diet. Wrong meals at all times and right meals at wrong times load the long-suffering digestive organs with elements of destruction, or starve the tissues and glands of needed elements.

Grape-Nuts is a delicious cereal food which has the qualities of scientific nutrition. It supplies the full richness of those splendid food grains, wheat and malted barley, together with the vital mineral elements, so often lacking from foods. Served with cream or good milk, Grape-Nuts gives complete nourishment without over-loading the stomach.

A splendid thought for breakfast or lunch, for those who would keep health—

Grape-Nuts—the Body Builder
"There's a Reason"

For Our Young Readers

Betty's Diary: Carrying Out the Sunshine Lady's Suggestion About the Look-and-Listen Walk

(Written by Irene Judy)

I COULD scarcely wait until noon to tell my Sunshine Lady about the look-and-listen walk. Here are some of the things I saw and heard on my way to school this morning:

In the first block I saw a Boy Scout doing his daily good turn by pushing a wheelbarrow filled with garden tools for the old man who does odd jobs about town; a large bed of China asters that looked like a great fluffy bank of lavender, pink, purple and white—how I wished I might pick a big bunch for Miss Eleanor; a saucy

no kind of potato unless it is a sweet one; as for watermelons, well—I wouldn't compare myself to one of them—so green looking on the outside but so lovely within!

Besides these, I passed, or was passed by, 20 persons; some smiled and nodded a good morning, others acted as if their breakfasts hadn't agreed with them; I saw also five cars, a boy on a bicycle, three trucks, the milk wagon, seven Fords and a dog.

The dimpling baby was the prettiest sight I saw. She looked just like a little pink rose, one of the old-fashioned Dorothy Perkins ros; that everybody loves. I couldn't decide which was the funnier, the fat man chasing his hat or the big car being towed by the mules, but the most interesting of all was the wise little squirrel.

I shall tell Bonnie and Bobby about the look-and-listen walk the first time I go home. They go 2 miles to school every day, and I know the way won't seem nearly so long if they keep their eyes and ears open as I did this morning.

—Betty Blue.



red squirrel burying a fat walnut for his winter store.

As I turned a corner, up the street came a big automobile, being towed into town by two bony mules which were hitched to a rickety old wagon. Their driver, a lazy looking fellow, who was smoking a corncob pipe, wore raggedy overalls and a tattered straw hat.

I just imagined those ancient mules were chuckling as if to say, "Who's balked now?"

A little farther on was a laughing, dimpling baby girl, who stood at the window of a little cottage blowing

To Keep You Guessing

(Read these riddles aloud to the family, withholding the answers, and see how many can guess them)

A little boy fell in the river. What was the first thing that happened to him? Answer, he got wet.

What Two Numbers?

What two numbers multiplied together will produce one less than a ninth of 72?

(One and 7 are the numbers. Put this problem before the family some evening when you haven't any other game to play and, withholding the answer, see how many can get it.)



Boys and girls, wouldn't you like to send the Puzzle Editor a valentine? Get a government postcard and on the blank side draw "free hand" this design. Then with your water colors or crayons see how neat a job of coloring the design you can do. Mail your completed valentine to the Puzzle Editor, the Kansas Farmer and Mail and Breeze. For the very best valentine there will be a surprise gift.

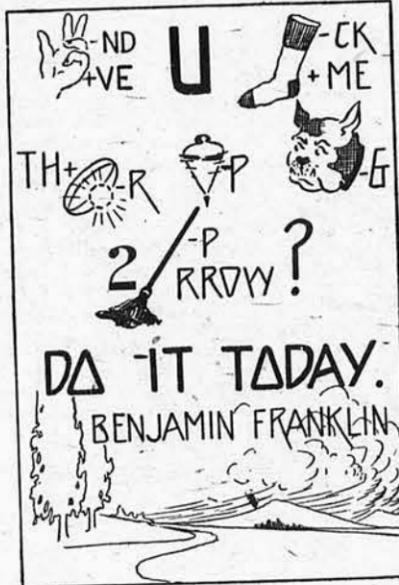
kisses to her daddy as he started to work; a lady in a blue checked gingham apron, feeding a large flock of Buff Orpingtons; a bed of bright nasturtiums, which made a shabby, grey house look homey and cheerful.

Just as I passed a stout, dignified gentleman, a gust of wind sent his hat whirling up the street. Away raced the fat man, and away rolled the hat. By the time he recovered it everybody within sight was laughing. I guess most folks enjoy seeing a fat man try to run.

In the next two blocks I saw a bevy of English sparrows, which seemed to be having a neighborhood quarrel; a five-leaf ivy vine just beginning to turn red; two small girls, along with a family of dolls, kittens and teddy-bears, in a soap-box wagon, gaily driving their prancing steeds, two small boys in twine harness. Just as they passed me over went their carriage, and oh, such a spill!

As I neared the school house down the street came the vegetable man, an aged darkey in his old wagon, loudly calling, "Cabbage, potatoes, watah-melons!" He acted as if he were calling me, and, not knowing my name, was trying to find one that would fit; but I'm not a cabbage head, no matter who speaks to the contrary, and I'm

When is a wall like a fish? Answer, when it is scaled.
When is the best day for frying pancakes? Answer, on fry-day, or Friday.
A barrel weighed 16 pounds and when it was filled it weighed 12 pounds. What was it filled with? Answer, holes.



Most boys and girls know about Benjamin Franklin, don't they? In this puzzle is concealed a saying of his, and if you can find what it is send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be postcards for the first 10 boys and girls answering correctly.

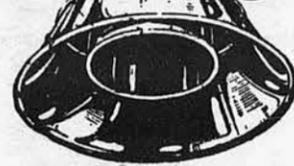
Solution January 14 puzzle—Betty Goes a-Marketing: potatoes, cornmeal, cabbage, cheese, flour, sugar, prunes, apples, bread, oranges and salt. The winners are Mamie Bartlett, Clara Jarboe, Elsie Burns, Florence Kaufman, Sadie Piper, Elizabeth Sutcliffe, Dorothy Haley, Edna Jones, Irvin Kiggins and Viola Juergens.

Solution January 21 puzzle—What Letter is the Solver of This Puzzle? You (u). The winners are Elizabeth Wolfe, Lawrence Hendricks, Nolena Rowe, Lulu Trotter, William Meyer, Mary Halney, Ralph Kniesteadt, Georlie Goodwin, Russell Johnson and Maxine McCandless.

DUPLEX VACUUM WASHER 1/2 PRICE

GUARANTEED ABSOLUTELY FOR 5 YEARS

This is — The Ball is the Secret that Does the work



Used by more than 300,000 women. Has been on the market for nine years and has stood every test. Get a Duplex Vacuum Washer and throw away your wash board and boiler. They are unnecessary.

We Absolutely Guarantee that the Duplex will wash a tubful of anything washable in three minutes. Blankets, lace, socks, cuffs, silks, underwear, curtains, towels, handkerchiefs, ANYTHING. Hands do not come in contact with the water, therefore they can be scalding hot. So easy to operate that a child can do it. Will not wear out your clothes. The Duplex forces the boiling suds through the clothes, NOT the clothes through the suds. Will save your back and many hours of needless toil. An ordinary weekly wash can be washed, blued and on the line in one hour. Your money back without question if it will not do all we claim and more. Don't miss this half price offer. Send only \$1.50 and this ad. TODAY and we will send you the Duplex with directions by parcel post to any address.

Duplex Mfg. Co., Dept. W53, Detroit, Michigan

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Contains Samples of Over 100 Patterns Shows Samples of Borders with Sidewalls

Send today for this big free book containing actual samples of the new wall papers for 1922; shows samples of borders as well as sidewalls. Big variety to choose from—over 100 patterns in all—popular styles and colors. Many correct designs for every room.

Lowest Prices Since Before the War
ONLY 8c Per Double Roll (96c for Room 10x12x8 ft.)

We have slashed prices on all grades of wall paper. Same quality that last year sold for \$1.50 per double roll now reduced to 76c per double roll. Remember our prices are for double rolls, 16 yds. long (not 8-yd. single rolls by which wall paper is usually sold). Our 8c per double roll means really 4c per single roll.

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Montgomery Ward & Co. Chicago Kansas City St. Paul

Vaseline CAMPHOR ICE

Going from the warm, steamy kitchen to the cold windy yard is sure to chap your face and hands.

"Vaseline" Camphor Ice keeps them smooth and soft. It's invaluable for housekeepers.

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Health in the Family

BY DR. C. E. LERRIGO

The Kansas Mother's Manual is Now Ready for Distribution

The Kansas Mother's Manual has just made its appearance. It is designed especially for Kansas mothers and children. It has in it 114 pages of the very things that mothers desire to know about bringing their children into the world and bringing them up properly when they are here. Not only should it be read by mothers of young children and by prospective mothers but it contains very much that is of vital importance to young girls who are just blossoming into womanhood.

The book is compiled by Doctor Florence Brown Sherbon, a capable woman who was for many years chief of the division of child hygiene of the Kansas State Board of Health. Doctor Sherbon lays no claim to exclusive authorship.

The first part of the book dealing with the function of child bearing is particularly complete, covering practically every question that is likely to be raised. The remainder tells about care of the child and may be relied upon to carry the young mother thru all of the perplexities ordinarily met. Mention of a few chapter headings will give you some idea of the scope of this part. Some of these are as follows: After Care of the Baby; Weaning; Feeding after Weaning; Feeding from 2 to 6 Years; Teeth, Tonsils and Adenoids; Occupation and Play; Illness and Emergencies.

These are but a few of the 22 chapters. Often I am asked to recommend a "family doctor book." For mother and children this answers the needs well. I am bringing it before you promptly because I wish you to have an early chance. The state printer has printed 25,000 copies only so the edition will not last very long. The book is sent free of charge to any Kansas mother who writes to the division of child hygiene, Kansas State Board of Health, Topeka, for a copy of the Kansas Mother's Manual.

Buzzing in the Ears

I am a girl of 20 years. I am troubled with a severe buzzing in my ears, most of the time. I had my tonsils removed about two months ago and had an abscess in one ear four days later. This trouble cleared up for several weeks and then this buzzing noise in my ears began. Can you tell me the cause of this trouble and advise treatment?
JANE.

Fortunately your case is so recent that treatment may be effective and save your hearing. This is the beginning of middle ear catarrh. When left to itself it always results in a marked degree of deafness and after it has gone two or three years, treatment does no good. There is no home treatment possible. Go to the best specialist in nose and throat diseases available and begin treatment at once. He will inflate the eustachian tubes and thus relieve the buzzing, but do not stop treatment until a normal condition is reached.

Treatment for Worms

Please tell me something about worms in children. What kinds of worms does a child have?
E. B.

In this country the worms that most commonly affect children are pin worms and round worms, but it is quite possible for a child to have tapeworm. Many a mother doses her child with "worm medicine" without any cause. If worm trouble is suspected watch the child and watch the stool.

Pin worms cause much itching of the rectum. The child complains of rectal irritation and is inclined to scratch the parts. The worms can often be seen in the stool or around the anus having the appearance of white thread chopped into short pieces. A child with round worms frequently passes them in the stool, especially if a laxative is given. The round worm has somewhat the color and appearance of an angle worm. I do not care to name any treatment since there are many remedies and the selection must be governed by the conditions of the case.

After having decided to buy bees, buy them if possible of some reliable local man, if you cannot do this, send South in the spring and buy bees by the pound together with a queen.

These should be put on full sheets of wired comb foundation and fed a little sugar sirup every day to start comb building, unless there is plenty of honey coming in from the fields. If you buy bees by the pound try and have them arrive during the first part of fruit bloom. If you buy full colonies of some local beekeeper, buy them in the spring, see that the colonies are strong in numbers.

Off for the Tractor Show

The Seventh Annual National Tractor Show is in full progress at Minneapolis, Minn., this week. The Kansas Farmer and Mail and Breeze will be represented at the show by Frank A. Meckel, farm engineering editor, and also by C. C. Clark and Gene Olms of the advertising department of the Capper Farm Press.

We know that all the farmers in Kansas who might like to go to the show will not be able to attend, altho we hope that many will be present. The Kansas Farmer and Mail and Breeze and other papers of the Capper Farm Press expect to carry a full

account of the show and all that there is to be seen there in an early issue. You who must stay at home can get this news from the columns of your favorite farm paper. The farm engineering editor will see to that.

Smash Go the Tractor Prices

We thought that tractor prices were down around the pre-war level a few weeks ago, and proudly announced that fact, when along comes some news of interest which makes the pre-war levels look exorbitant in the extreme.

The Fordson tractor took a trip to the skids last week and dropped down to where the supporters of Henry can almost afford to give away the horses and make a fresh start with power farming equipment.

This week we receive the tidings that the Samson Tractor Company has dropped the price of the Samson Model M. tractor from \$665 to \$445 f. o. b. Janesville, Wis.

These price reductions bring both tractors well below any previous marks and the news should come as the balm of Gilead to the prospective

power farmers of the entire country. The J. I. Case Plow Works on February 4 announced a slashing reduction in the Wallace tractor and the J. I. Case three-bottom plow. The tractor and plow will now sell for \$995. The Racine combination a year ago sold for \$2,023.

The International Harvester Company also announces a cut of \$230 on the former list price of the 8-16 International and \$200 on the former list price of the 10-20 Titan tractor.

A Few Tractor Tips

If you would be safe rather than sorry, don't overload.

To run a straight furrow you must look a long way ahead.

Read, study and commit to memory the book of instructions.

Carelessness and abuse are at the bottom of most tractor troubles.

Don't play with your tractor. Be serious. Make power farming a business.

Planning your work so that it can be done with the least possible effort is not laziness but good planning.

The unprecedented response to my first announcement necessitates extending the time limit on this offer one more month, ending February 28



Learn a Trade!

D. T. BARTLETT, President

Men! Read This Amazing Free Offer!

Here It Is—I will pay entire Railroad Fare to Wichita and give 8 weeks' Board and Room Free to all who enroll before Feb. 28 in

BARTLETT'S WICHITA AUTO & TRACTOR SCHOOL Wichita, Kansas

This Applies to Our Life Scholarships Sold at a Special Price

THIS astonishing free offer means just what it says. There are no "ifs" or "ands" about it—no "bugs" under any "chips." I positively agree to sell Life Scholarships in this big, successful school of mine—Bartlett's Wichita Auto & Tractor School—at a special price and with each enrollment, I guarantee to pay the entire railroad fare of each student from his home to Wichita, Kansas, and furnish his board and room here for eight weeks (the average time required for training) at my own expense. A Life Scholarship entitles the holder to attend school whenever he desires, as long as he lives.

Accept Now—Come Any Time!

This offer is good until February 28, 1922. Simply reserve a Life Scholarship at our special price before February 28. You need not actually attend school until later, if you prefer. The first thing to do is mail the coupon below and let me send you complete information right away. School is in session the year around. New classes are forming all the time. Men of all ages are received.

Limited to 100 New Students

The only limit to this offer is the capacity of our school. We can easily accommodate about 100 more students than are now attending. We shall not sell life scholarships to more than we can properly train by the well known

Bartlett Method. So, therefore to take advantage of this bargain offer, send in the coupon now and get an application blank by return mail. This offer deserves your immediate attention. You have everything to gain and nothing to lose.

Don't Get in a Rut!

Friend, you are ready for advancement, aren't you? This school prepares men for greater opportunities in life. It gives you the training that lifts you above the multitude. Eight weeks' training in my school will make you an expert in: General Automobile Mechanics; Tractor Engineering, Lathes and Machine Work, Oxy-Acetylene Welding, Electric Lighting and Starting Systems, Automobile and Tractor Salesmanship, Garage Management, Chauffeur-ing, Battery Work, Vulcanizing.

As an expert in these branches you are fitted to earn \$100 to \$400 a month or to get into the garage

and repair business on your own account. What better training could a man have? What better opportunity does the world offer today?

No Extras to Buy

Our students are not required to buy any book or tools. This school is fully equipped with every tool and machine necessary for thoroughly practical work and intensive personal training from start to finish. Thousands of men graduated from this school will tell you they got their start here and that Bartlett's School is the first and most efficient institution of its kind in the Southwest. You can depend absolutely upon getting what you come here for—an education that will benefit you all through life. Are you ready to let me help you? Cut out, fill in and mail the coupon below: then decide after you hear from me!

D. T. BARTLETT, President.

SPECIAL OFFER COUPON

D. T. BARTLETT, Pres.,
Bartlett's Wichita Auto & Tractor School,
171 North Topeka Ave., Wichita, Kansas.

Good until
Feb. 28, 1922.

You may send me full information about your school with particulars regarding your special offer to pay railroad fare and furnish room and board for eight weeks free with each scholarship sold at a special price.

Name.....
Post Office.....
State.....

Health Insurance for Milch Cows

- a penny a day keeps a cow fit

WHY take chances with cow health, when such a little outlay will keep the whole herd in the pink of condition and producing at maximum profit? Now-a-days Kow-Kare is being used fully as much as an aid to perfect health and milk yield during the winter as it always has been as a medicine for cow diseases.

Actual tests in hundreds of dairies prove that Kow-Kare can be used as a preventive and production aid with wonderful results, at a cost of only about a cent a day per cow. Easy to prove it for yourself; select a poor milker and use Kow-Kare according to directions for a short period. By improving the assimilation and digestion, you will note a decided gain in milk yield.

Kow-Kare has positive medicinal qualities that build up and strengthen the organs of production and reproduction. As a sure, reliable remedy for Barrenness, Abortion, Retained Afterbirth, Scouring, Bunches, Milk Fever, Loss of Appetite, etc., Kow-Kare has a reputation of twenty-five years success.

Dairies that use Kow-Kare as "health insurance" are the profit makers. Our free book, "The Home Cow Doctor," has many valuable hints for cow owners, besides definite information on how to treat cow diseases. Send for your copy today.

Kow-Kare is sold by general stores, feed dealers and druggists at the new reduced prices--65c and \$1.25

DAIRY ASSOCIATION CO., INC.
Lyndonville, Vt.

The Farmiscope

Usually a High One.
Experience is the only teacher in position to demand and get its own price.—Colorado Springs Telegraph.

Truth is Worse
When folk lie about you, don't get angry—suppose they had known the truth about you and told that!—Boston Post.

Up-to-date Tommy
Kind Old Lady (who has just given Tommy some sweets)—"And how what do you say, my little man?"
Tommy—"Got any more?"—London Tid-Bits.

Not Acquitted
"So your son went to the city to work in a bank, eh?"
"Yes."
"How did he acquit himself?"
"He didn't."—Lexington Leader.

Usual Reason
"Gone in for politics, have you? Want to see what good you can do the country?"
"Bless you, no! Want to see what good the country can do me."—Sydney Bulletin.

But Not So
"You can't always judge persons by their names."
"Indeed?"
"For instance, one would think from the name that a grass widow was green."—Lexington Leader.

We Won't Discuss Skirts
J. Leeford Brady, of the Salina Union, says, regarding the skirts women wear, that—well, on second thought we will not tell it. He is a candidate for the nomination for governor, and far be it from us to put a straw in his way.—E. E. Kelly in The Topeka Daily Capital.

Unsociable Henry
"I think you were absolutely wrong Henry, about that furniture."
"Yes, dear."
"And about the wall-paper?"
"Yes, dear."
"Now, look here, Henry: if you're not going to be sociable, I'm going to bed!"—The Passing Show (London).

Why He Did K. P.
At one of the Western camps a rookie had been made the victim of so much guying that he had long since given up the idea of taking any statements seriously. One night while on guard a tall figure loomed out of the darkness.
"Who's there?" challenged the recruit.
"Major Moses," replied the figure.
"Glad to meet you, Mose. Advance and give the 'Ten Commandments'."

Its One Attraction
Captain Waters was once called to try a lawsuit in a small town not so very far from Topeka. There wasn't much doing and Cap got very lonesome. When his business was finally attended to and he was settling his hotel bill he said to the landlord:
"I intend, if possible, to come to this town to end my days. I wish to die here."
The landlord was flattered and said: "Indeed, Captain, I am glad that you like our town so well."
"You have me wrong," said Cap. "The reason I wish to end my days here is because it seems to me that after a man had lived here a spell death would be a welcome relief. I never saw a town I could leave with so little regret."

How to Stop Calf Scours

You can do it in a quick simple reliable way—costs little. One good calf saved will repay the expense of protecting your whole herd for a long time against this infectious disease.

Leading breeders and dairymen throughout the country say there is nothing like B-K. It contains no poison or acid—it is clear as water and safe to keep anywhere.

B-K acts as an anti acid and sweetener in stomach and also quickly kills the germs that cause scours or diarrhoea. It heals the inflamed membranes, relieves irritation and restores healthy action.

SAVE EVERY CALF
It's so simple to keep your barns sanitary and your animals in a healthy condition. B-K also prevents such germ diseases as Abortion, Retained Afterbirth, Barrenness, Calf Pneumonia, and you have this wonderful help all in one bottle—always ready.

Keep a supply of B-K handy for all the "little ills" of the barn—cuts, scratches, anything where infection can do harm.

GENERAL LABORATORIES
MADISON, WISCONSIN.

We will send you on request a bulletin telling you "How to Save Every Calf."
B-K is a pure sodium hypochlorite—every scientific man knows the value.

1 Gal. and 5 Gal. Pkgs.

The Market Wants Young Hogs

You can fatten them safely and quickly by feeding with Cudahy's Blue Ribbon Meat Meal mixed with corn or other solids.

Meat Meal adds from one-quarter to three-quarters of a pound more weight per day per hog, than any straight food.

Better order some today from your dealer; or write us direct; you'll profit by it.

THE CUDAHY PACKING CO.
Animal Food and Fertilizer Dept.
Kansas City, Kan. Sioux City, Iowa
Omaha, Neb. Wichita, Kan.

Skill Wins!

Do YOU know just how SKILL really wins? You can't conceive of it unless you're skilled yourself. Get out of the unemployed lines; quit overcrowded, underpaid work. Be an

Automotive Electrical Specialist

A few weeks of training and you're ready for the best work you ever had. Prepare now. Under our plan it's easy. Our FREE booklet tells you how.

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729 Broadway Dept. A Denver

RELIABLE WINFIELD TREES

PRICES REDUCED
Grown Right—True to Name. New Fruit Book with Colored Plates Free.

Thos. Rogers & Sons, Tree and Plant Growers
N. G. Street, Winfield, Kansas

EMPIRE WAGONS STEEL WHEELS

Low steel wheels (plain or grooved wide tires) make loading and hauling easier. Steel wheels to fit any axle; carry any load. Make any wagon good as new.

EMPIRE Mfg. Co., Box 376 Quincy, Ill.

GET "JOINT EASE" FREE!

A Regular 60c Tube.

For Rheumatic Pains, Lumbago, Sciatica, stiff, swollen, aching joints and muscles. Wonderful for Neuritis. Just rub it in and watch the pain and trouble disappear.

"JOINT EASE" is better than musky old plasters and liniments that stain and blister. For free 60-cent tube (only one to each family) address, with 10c in stamps or coin to help cover mailing costs. H. P. Clearwater, No. 1280-C St., Hallowell, Maine.

More Silage Per Horse Power Per Hour

EVERY Papec Ensilage Cutter, regardless of size, is guaranteed to cut and elevate more silage with the same power than any other blower cutter. It keeps the silage moving in a steady stream which prevents choking. The powerful air blast, concentrated in a pipe of small diameter, will put the silage over the top of the highest silo.

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Give the Cow a Square Meal

Well Balanced Rations Enlarge Profits

BY J. H. FRANSDEN

MORE than one-fourth of our dairy cows, it is estimated never have been profitable, because they have not had a square meal, or more properly put, have not had a square meal. Of course, almost any cow may happen to get an occasional good feed when pastures are in good condition in the summer, but a surprisingly large percentage of them are not satisfactorily fed during the winter months. No animal responds more quickly to liberal feeding than does the good milk cow, and this winter, when we have a very remarkable surplus of corn and other grains, and we are not too busy with other things, should be just the right time to try out to our own satisfaction the experiment of feeding Bossy a good liberal ration.

Good dairymen feed milk cows with two objects in mind: First, to get economical maximum production; second, to get this production at the time of year when they may expect best prices for their dairy products. To attain these objects means, of course, that some attention must be paid to more winter dairying and to kinds and quantity of feed to be used. A good feeder always endeavors to get a good understanding of the individual needs of the cows of his herd, and of the composition and palatability of the available dairy feeds.

Amount to Feed

Feeders speak of the "ration of maintenance." By this they simply mean the amount of feed needed to provide heat and energy, and to permit rebuilding of worn-out tissues. The amount of feed necessary to supply these actual body needs for the cow is about the same whether she is milking or dry, and it must be borne in mind that every pound of milk produced by her requires that much additional feed. Roughly speaking, in the case of good dairy cows, one-half of the ration fed goes to take care of these body needs, and perhaps the poor feeder makes no more serious mistake than to neglect to supply the cow with the additional feed that she would use entirely for milk production if she had the chance. This should explain the old saying that economic production means liberal, tho not wasteful, feeding. In planning the feeding program, there are some essentials that should be given consideration. Among these are the use of such feeds as will provide a common-sense balance of feeds rich in protein and feeds rich in energy constituents. However, for satisfactory results, this ration must be neither too concentrated nor too bulky. It must have sufficient variety so that the cow does not tire of the ration and lose her appetite. It must be palatable, for it is only when the feeds appeal to the cow that she will consume enough to give best results. The ration also must be juicy and succulent. Succulent feeds, such as silage or root crops, not only act as a conditioner to keep the cow's digestion in good order, but they render other feeds more palatable and digestible. Feed all the roughage, such as alfalfa, clover or other hay, fodder and corn silage that the cow will eat up clean. Too much emphasis cannot be laid on the importance of having part of the roughage of a succulent nature, such as corn silage, mangel wurzel or other root crops. Generally, a dairy cow will eat daily a little more than 3 pounds of silage and about 1 pound of hay, or its equivalent, in addition to silage, for every 100 pounds of live weight. At present prices, the dairyman cannot afford not to feed grain. The cow should be fed about 1 pound of grain mixture daily for every 3 1/2 pounds of milk she gives.

Some Desirable Grain Rations

Considering present prices of home-grown feeds, corn and oats should be used in most localities as the principal constituents of this winter's dairy ration.

Ration No. 1 consists of the following:

- 2 parts cornmeal, by weight
- 2 parts ground oats

This ration gives good results with the ordinary farm cow where maximum production is not sought.

Ration No. 2 contains the following feeds:

- 2 parts corn, by weight
- 2 parts oats
- 1 part oil meal

This ration will prove more satisfactory than ration No. 1 when fed to high producing cows which are unable to get sufficient protein out of bulky feed like alfalfa.

Ration No. 3 is made up as follows:

- 2 parts corn chop, by weight
- 2 parts wheat bran
- 1 part cottonseed or oil meal
- 1 part ground oats

This ration should yield good results where the cows must depend for roughages on silage, mixed hay, corn fodder and kafir.

Ration No. 4 comprises the following:

- 2 parts cornmeal, by weight
- 1 part ground oats
- 2 parts wheat bran

This ration is well adapted to localities where bran is particularly cheap and where it is desirable to feed such roughages as alfalfa, clover or Sweet clover hay.

General Suggestions

Good feeders wish to be familiar with the composition of available feeds, so that they may feed at least a common-sense mixture of protein-rich feeds with energy-producing feeds. Roughly speaking, for every part of protein the cow gets, she should have 5 1/2 parts of energy constituents. Rations should be slightly laxative in effect. Feeds which have a laxative tendency are oil meal, molasses feeds, alfalfa, roots and pasture grasses, and corn silage. Those having a constipating effect are cottonseed meal, corn stover and millet hay.

The following brief and simple rules will aid in determining the amount of feed required by each cow:

- 1—Feed all the roughage, such as alfalfa, corn silage, that the cow will eat up clean.
- 2—Feed approximately 1 pound of grain for every 3 1/2 pounds of milk produced daily.
- 3—Continue to add feed to the ration as long as the cow responds with increased milk production and does not gain in weight.
- 4—When possible, feed some succulent feed, such as corn silage or roots, to make the ration more palatable.

Opportunity for Safe Investment

Readers of Kansas Farmer and Mail and Breeze who have surplus funds to invest can learn of a particularly attractive, high-grade security by writing me at once. I regard this as an exceptional opportunity for Kansas Farmer and Mail and Breeze readers. Amounts of \$100 or more are solicited; rate of interest, 7 per cent, payable semi-annually, with the privilege of withdrawal at any time upon 30 days' notice. I can unqualifiedly recommend this investment, which is backed by unbroken record of 28 years' success in one of the strongest business concerns in the West, offering a security that is as safe as Government bond. I will be glad to give further information. Arthur Capper, Topeka, Kan.—Advertisement.

Coming Grain Dealers Meet

The Farmers Co-operative Grain Dealers' Association of Kansas will hold its tenth annual meeting at Salina, Kan., on February 22, 23 and 24, 1922.

Reduced rates have been promised by the railroads to all members of the association and their families who desire to attend the convention in Salina. A rate of one and one-half fare for the roundtrip on the certificate plan will go into effect on February 19. J. W. Shorthill, secretary of the association will address the members on the Need of a Complete Farmers' Marketing System. Many other addresses also will be given and the complete program will be announced later.

The Norton man who ran his Essex into a Ford was fined \$150; and the Jewell Republican says it was a jury trial. You know now what a jury of farmers will do to the owner of the baby Hudson.

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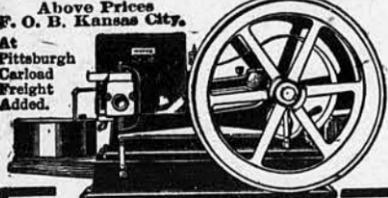
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A Strong Upturn in Wheat

Pessimistic Crop Reports Help to Boost Prices

BY JOHN W. SAMUELS

DURING the last two weeks weather conditions have been none too favorable for the new wheat crop and this has had a tendency to boost the prices of old wheat at all market points. There is also a growing feeling that the United States has little if any wheat available for export at the present time. It is thought that farm reserves are light and that in the future the movement of grain from the country points will soon drop to small proportions, but there is still a great deal of wheat for sale in commercial channels.

There also has been a steady absorption of the better grades of wheat by the mills. Foreign markets report increased buying this week and an advance in prices. Wheat in Buenos Aires advanced 7 to 10 cents a bushel. There was also a substantial advance reported in Liverpool. England, Germany, Greece and other continental countries of Europe were heavy buyers in South American markets. Greece also purchased 1 1/2 million bushels of Canadian wheat. On account of these activities it is thought that many of these countries have let their available supplies get rather low before buying in order to get the benefit of any improvement that might come in foreign exchange. The better exchange rates now offered by Argentina to Europe seem to bear out this idea.

Visible Supply is Small

The visible supply of wheat in the United States as shown by the last Government report is 43,871,000 bushels as compared with 34,212,000 bushels a year ago. The amount of wheat at Kansas City is 9,331,000 bushels and the amount at Galveston is 2,231,000 bushels. New Orleans reports 3,232,000 bushels. The visible supplies of other grains in the United States are estimated as follows: Corn, 26,729,000 bushels; oats, 67,423,000 bushels; rye, 7,266,000 bushels; barley, 2,660,000 bushels.

Marked advances in grain futures were noted this week at all market points. May wheat showed a gain of 5 1/2 to 6 1/2 cents a bushel, while July wheat registered an advance of 4 cents. May corn advanced from 1 1/2 to 1 3/4 cents and July corn, 2 to 2 1/4 cents. The following quotations on grain futures were given at Kansas City at the close of the market:

May wheat, \$1.15 1/2; July wheat, \$1.03; May corn, 49 3-8 cents; July corn, 52 1/2 cents; May oats, 37 1/2 cents.

Kansas City Cash Sales

On cash sales of wheat, slight advances were quoted at Kansas City. Dark wheat was 1 cent to 2 cents higher. Red wheat was steady to 2 cents higher. The following sales were reported:

No. 1 dark hard wheat, nominally \$1.22 to \$1.35, sales \$1.27 to \$1.35; No. 2 dark hard, nominally \$1.21 to \$1.35; No. 3 dark hard, nominally \$1.20 to \$1.31; No. 4 dark hard, nominally \$1.17 to \$1.28; No. 5 dark hard, sales \$1.13 to \$1.23; No. 1 hard wheat, \$1.17 to \$1.29; No. 2 hard, \$1.16 to \$1.29; No. 3 hard, \$1.15 to \$1.27; No. 4 hard, \$1.14 to \$1.25; No. 5 hard, \$1.04 to \$1.14; No. 1 Red wheat, \$1.21 to \$1.23; No. 2 Red, \$1.19 to \$1.21; No. 3 Red, \$1.17 to \$1.18; No. 4 Red, \$1.10 to \$1.13; No. 5 Red, sales \$1.05; No. 2 mixed, \$1.16 to \$1.26; No. 3 mixed, sales \$1.15 to \$1.19; No. 4 mixed, \$1.11 to \$1.12; No. 3 durum, \$1.00.

Corn was unchanged to 1/4 cent higher and the demand was fairly satisfactory. The following sales are reported at Kansas City:

No. 2 White, 45 to 45 1/2c; No. 3 White, 44 1/4 to 45c; No. 4 White, 44 1/2c; No. 1 Yellow corn, 45 1/2c; No. 2 Yellow, sales 45 1/2c; No. 3 Yellow, 45 1/4c; No. 4 Yellow, 45c; No. 1 corn, sales 45c; No. 2 mixed, 44 1/2 to 45c; No. 3 mixed, sales 44 1/4c; No. 4 mixed, 44 1/2c.

The following quotations are given this week at Kansas City on other grains:

No. 2 White oats, 37 to 37 1/2c; No. 3 White, sales 37c; No. 4 White, sales 35c; No. 2 mixed oats, 35 1/2 to 36 1/2c; No. 3 mixed, 35 to 35 1/2c; No. 2 Red oats, 40 to 45c; No. 3 Red, 36 to 40c; No. 4 Red, 33 to 36c.

No. 2 White kafir, \$1.02; No. 3 White, \$1.01; No. 4 White, \$1.00; No. 2 milo, \$1.12; No. 4 milo, \$1.11; No. 3 barley, 51 to 52c; No. 4 barley, 49 to 50c.

No particular change in the millfeed situation is noted this week. The following quotations are given at Kansas City: Bran, \$20 to \$20.50; brown shorts, \$20.50 to \$21; gray shorts, \$22.50 to \$23; cottonseed meal and nut cake, \$44; linseed meal, \$47.50 to \$52; tankage, \$62.50; alfalfa meal, \$16.50 to \$17.50.

Seeds and Broomcorn

The following quotations are given at Kansas City on seeds: Alfalfa, \$9 to \$13 a hundredweight; timothy, \$4.50 to \$5.50; clover, \$13 to \$19; bluegrass, \$35 to \$50; German millet, \$1.35 to \$1.40; cane, \$1 to \$1.30; Sudan grass, \$2.25 to \$2.75; flaxseed, \$1.81 a bushel.

Prices on broomcorn at Kansas City are as follows: Fancy whisk brush, \$275 a ton; fancy hurl, \$250; choice Standard broomcorn, \$180 to \$220; medium Standard, \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common Oklahoma Dwarf, \$110 to \$130; common stained Dwarf, \$70 to \$90.

Stronger Demand for Hay

This week there was a little stronger demand for hay and alfalfa hay advanced \$1 a ton for the best grades. The following prices are quoted at Kansas City this week:

Alfalfa, choice to fancy, \$29 a ton; choice, \$22.50 to \$24.50; No. 1, \$19.50 to \$22; standard, \$16 to \$19; No. 2, \$12.50 to \$15.50; No. 3, \$9.50 to \$12; prairie hay, No. 1, \$9.50 to \$11.00; No. 2, \$7 to \$9; No. 3, \$5.50 to \$6.50; timothy, No. 1, \$13.50 to \$14.50; standard, \$12 to \$13; No. 2, \$10 to \$11.50; No. 3, \$7 to \$9.50; clover hay, mixed, light, \$13 to \$14; No. 1, \$10.50 to \$12.50; No. 3, \$7 to \$10; packing hay, \$4 to \$5; straw, \$6 to \$7.

Let's Fight the Rat

No other animal or insect is so dangerous and persistent an enemy, or inflicts so much damage upon humanity, as the common brown or gray rat. He destroys and injures vast quantities of grain, destroys young chicks, fruits, vegetables and flowers. He causes enormous losses in warehouses and freight terminals, is a menace both in cities and farm districts.

The United States Department of Agriculture places the value of food and property destroyed yearly by each rat at \$2. As the rat population easily equals the human population, the loss, due to rats, in this country alone, probably averages over 200 million dollars annually.

A frequenter of all places filthy and loathsome, the rat is also a constant menace to public health. He is a most efficient germ carrier; is not one bit particular where he places his disease-contaminated foot or nose. The germs of the dreaded "black death," which have killed more human things than all wars in the world's history, may be introduced into the human system by the bite of the rat flea. The bubonic plague, typhus, and other terrible diseases are directly traceable to the rat.

Thus, from the viewpoint of public health, as well as from the necessity of preventing heavy drains upon the public purse, every good citizen should take part in the Nation-wide campaign now under way to exterminate the rat. It pays to fight the rat.

Grange Approves Farm Bloc

The Grange at Lane at its regular meeting January 28 unanimously adopted the following resolution:

"Resolved, that this Grange approves the action of those Senators who have formed the non-partisan Farm Bloc in Congress, and commend them for the stand they have taken in placing the interests of their constituents above party politics."

Lane is the home of Barton Needham, the Master of the Kansas State Grange.

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SCIENTIFIC IGNITION ADAPTABLE TO ANY FORD

New High Levels for Hogs

Cattle and Sheep Show Steady Advances

BY WALTER M. EVANS

CATTLE prices at Kansas City this week were somewhat irregular, but the general tendency was upward. There was an advance 25 to 35 cents in the better class of steers and mixed yearlings. Best cows and heifers were stronger and most of the other cattle were steady. Hogs and lambs sold into a new high position for the year. Best hogs were above \$9 and late in the week the top for lambs was \$13.35, with quality only fair.

Receipts this week were 31,769 cattle, 4,990 calves, 47,885 hogs, and 33,030 sheep, compared with 37,925 cattle, 4,550 calves, 44,775 hogs, and 37,800 sheep last week and 31,300 cattle, 4,250 calves, 62,100 hogs, and 28,950 sheep a year ago.

Good Beef Cattle in Demand

Demand for good to choice fat steers improved both on local and shipping accounts. An export order for heavy steers and numerous orders for weighty steers from Eastern cities were filled. Prices for the better classes were up 25 to 35 cents, and the plainer kinds were fully steady. Some choice 1,400-pound steers sold up to \$8.25, and the bulk of the medium to strong weight choice steers brought \$7.50 to \$8.10. The plainer steers sold largely at \$6 to \$7.25. Medium to fair cows and heifers were slightly lower, and the better grades strong. Prices for calves, stags and bulls were steady.

Demand for stockers and feeders continued active at steady prices. Inquiry was from all sections and for practically all classes. Milk and springer cows and good stock heifers sold steadily.

Hogs Top Market at \$9.10

Hog prices at the close of the market were the highest of the season and 25 to 40 cents above quotations a year ago. The top was \$9.10 and bulk \$8.75 to \$9.05. Pigs sold up to \$9. Demand has been active all week, and receipts were barely equal to most urgent requirements. Local packers continued to buy freely at up-river markets and ship to Kansas City for slaughter. Judging from the extent of the demand and the moderate supplies offered, the market is in a firm position.

Sheep and Lambs

Lambs sold up to \$13.35, ewes \$7.50, wethers \$8, and yearlings \$11.75. On the close when the full advance was showing, nothing choice was offered and the nominal quotations for prime lambs was placed at \$13.50. Receipts have been below urgent demand.

Demand for horses and mules broadened some, but prices were unchanged. The outlet is capable of caring for increased supplies. Freight rates on horses and mules to New York were lowered approximately \$80 a car effective for this month.

The following prices were paid at Kansas City for horses: heavy drafters, \$90 to \$160; medium drafters, \$60 to \$90; chunks, \$50 to \$100; fancy drivers, \$100 and upward; Southern horses, \$25 to \$85; plugs, \$10 to \$25. The following prices are quoted on mules: Seasoned mules, 13 to 14 hands in height, \$25 to \$80; mules 15 to 16 hands in height, \$80 to \$150; extra big mules, \$150 to \$190.

Hides, Wool and Furs

The following quotations on green salted hides are reported at Kansas City: No. 1 hides, 7c; No. 2 hides, 6c; bull hides, 4c; side brands, 4c; glue hides, 2c; large horse hides, \$2.50 apiece; small horse hides, \$1 to \$1.75.

Some improvement is noted in the wool market at Kansas City and St. Louis. The following prices are quoted this week. Medium clear wool, 18 to 24c; slightly burry stuff 12 to 19c; hard burry stuff, 10 to 12c; light fine, 17 to 24c; heavy fine, 10 to 19c; common braid, 16 to 17c.

The following prices are quoted on furs: Black skunk, \$5; short stripe, \$3.50; narrow stripe, \$2.25; broad stripe, 75c to \$1; large raccoon, \$5; medium raccoon, \$3.50; large mink, \$7 to \$8.50; medium mink, \$5 to \$6; large opossum, \$1; medium opossum, 60c; muskrat, \$1 to \$1.25; civets, 10 to 30c; gray fox, 50c to \$2; Red fox, 75c to \$1; otter, \$1 to \$15; beaver, \$1 to \$15. Slight advances in dairy products

were reported this week. The following quotations are given at Kansas City: Butter—Creamery, extra, in cartons, 38c; packing butter, 15c; butter-fat, 29c; longhorn cheese, 22½c; brick cheese, 18½c; Limburger, 26¾c; Swiss, 36¾; New York Cheddar, 25c; New York Daisy, 26c.

Weakness developed in the Eastern markets for eggs and this caused a drop of 2 cents a dozen at Kansas City. The following sales of poultry and poultry products are reported at Kansas City this week:

Eggs—Firsts, 33c a dozen; seconds, 26c; selected case lots, 39c.

Live Poultry—Hens, 21c; springs, 25c; stags, 14c; roosters, 11c; capons, 30c; turkeys, 40c; old toms, 35 to 37c; geese, 15c; ducks, 22c a pound.

Short Courses for Farmers

Some very interesting short courses for Kansas farmers are being held in the state by members of the extension staff of the International Harvester Company of Chicago, Ill. Those held in Northeastern Kansas were well attended and farmers manifested much interest in them. The work is in charge of Prof. P. G. Holden, director of the field extension work of the International Harvester Company.



Prof. P. G. Holden

The places and dates for the next series of these short courses that will be conducted by Professor Holden will be as follows:

Fort Scott, February 13 and 14; Humboldt, February 15 and 16; Parsons, February 17 and 18.

Professor Holden also announces the following Oklahoma appointments for short courses:

Collinsville, February 20 and 21; Alsuma, February 22 and 23; Miami, February 24 and 25.

To Demonstrate Farming

A livestock dairying and poultry demonstration train is to be run over the Atchison, Topeka and Santa Fe Railroad lines in Kansas in the near future thru the co-operation of the railway and the Kansas State Agricultural College, according to an announcement made recently.

F. P. Cruice, manager of the agricultural and industrial department of the Atchison, Topeka and Santa Fe Railway Company, and Prof. Harry Umberger, Prof. L. E. Call, Prof. W. A. Lippincott and Prof. J. B. Fitch, of the Kansas State Agricultural College, are in charge of the arrangements.

Demonstration trains were run by many railways in the Middle West prior to the Great World War. During the war they were discontinued and never have been revived extensively until within recent months.

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Real U.S. Mole-skin shirt. Unequaled for service and comfort. Finest quality O. D. Mole-skin, double stitched throughout, reinforced at all points of strain. Designed by experts to pass critical U. S. tests. Made to sell for \$3.50 each, but offered to you now at the remarkable introductory price of Two for \$4.25. This is your big chance to lay in a supply of warm comfortable long-wearing shirts. Sizes 14 to 18. Send order TODAY, pay post-man \$4.25 and postage when shirts arrive. You risk nothing and get the most satisfactory shirt you can buy in the market today. RUSH THAT ORDER TODAY to Dept. 15.

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Sept. 1, 1922

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We want to send you our big, FREE Baby Chick Book. Get it today and find out how "Continental" chicks can be guaranteed to grow faster and lay more eggs. Every chick guaranteed from best, pure bred stock. Big, strong and husky. All breeds. Safe, delectable, charges paid. You can't go wrong on "Continental" chicks. Write for free book and prices before you buy.

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Capper Poultry Club

Co-operation Spells Success, So Let's Work Together

BY RACHEL ANN GARRETT
Club Manager

NO DOUBT all of you read the club story of February 5 in which Mrs. Ellis told you that she was leaving, and that I was to be the new poultry club manager. I know every club member will miss her, for she is missed by all of us who worked with her. However, we can be glad that she is still genuinely interested in the club, and that nothing would give her more pleasure than to see the club of 1922 excel all previous ones. It is to this end that I shall work, and I am depending on the earnest co-operation of every member. Without your assistance, I can do nothing. With it, "the world is ours." When the final counting for 1922 is made, I should very much like to see more members, better chickens and larger bank accounts. Let's put the best of our combined efforts into our club work this year, grasping the opportunities as they come, helping one another as we go. If we do this, success cannot help but be ours.

I am looking forward to your letters, to the meetings and picnics which I hope to attend this summer, and to the big pep meeting in September. I hope soon to become acquainted with all of you, and it is my earnest desire, not only that we shall be co-workers with common interests, but that we also shall be friends.

There are so many interesting "bits" of news which I wish to pass on for you to enjoy that I scarcely know where to start or where to stop. Mrs. Leo B. Curtis of Linn county begins one of her recent letters with a good thought. She says: "It should make anyone feel good to win a prize, although some of the prizes are better than others. I am sure all worked hard, not only for the prizes, but to make the most for themselves."

Helen Won Her Goal

Mrs. W. A. Andrew of Johnson county wrote telling how Helen received the news of her victory. Here is a part of her letter: "Helen received the letter announcing her to be the winner of the \$25 cockerel. She was 10 miles from home, so I told her over the telephone that night, and oh, my, but she was excited! Pleased couldn't begin to describe it. We can't say we were quite surprised but still we anxiously awaited the awarding of the breed club prizes, fearing that Helen might not be the 'lucky' girl, although she started in 1921 with that reward in view. Helen has a fine flock of young chickens and sold 28 pullets and two cockerels during the past week." All of us rejoice with Helen. I'm sure. I believe it is a good thing to set a goal, and then work to it, as Helen did with her prize.

A rather unusual letter was received from Edyth Moore of Linn county, the unusual part of it being that she asked to have her prize money credited on her note. I think Edyth showed exceedingly good business judgment, and

I'm sure she "spent" her prize money wisely. Mrs. E. E. Howerton of Linn county, winner of the mother's pep trophy, expressed her surprise that she should be awarded this honor, for she says, "I had no idea that I would be the one in this whole big state to be considered as having the most pep." I believe Mrs. Howerton was the only person surprised in this matter, for in looking back over the year's records, it seems that everyone must have felt the influence of this Linn county mother's pep.

Work, Yes, But Pleasure, Too

"I did not know there was so much pleasure in tending chickens until I joined the poultry club," wrote Laura Moellman of Lyon county. I hope all girls who are thinking of joining will read this part of the story, for it might help them to decide that chickens and club work are worth while. Laura also says that she intends to try for a larger prize this year.

Folks in Leavenworth county say that it will be Eileen Speersneider's own fault if she doesn't get rich, for in three days she received three letters, one every day, and every one of them contained money from her chickens. It looks as if Eileen was starting in the chicken business right, doesn't it? You'll enjoy a part of her last letter, I know. She says:

"I have a few chickens left, and papa is going to build a hen house for them. One of my old hens comes to the house every day. We have a wood-box on the porch, and she comes there to lay. One day mamma had the box full of wood, when my biddy came. She fussed and fussed until mamma took the wood out of the box, then she went in and laid an egg."

Some of the club members still have chickens for sale. Of course, you'll wish to know who they are, where they live and what kind of chickens they have, so here is the list:

- Buff Plymouth Rocks—Mildred Painter, McCune, 1 cockerel; Eva Evans, Stockton, 18 cockerels; Esther Evans, Stockton, 18 cockerels.
- Barred Plymouth Rocks—Thelma Chadwick, Bonner springs, 9 cockerels; Dorotha Pressnall, Munden, 1 cockerel; Mrs. A. B. Gregg, McCune, 4 cockerels; Dorothy Shuff, Sylvia, 8 pullets.
- White Plymouth Rocks—Alice Hansen, Stockton, 3 cockerels.
- White Wyandottes—Esther Teasley, Glasco, 20 pullets and 15 cockerels; Alice Pressnall, Munden, 8 pullets; Agnes Neubauer, Belleville, 5 cockerels; Mrs. Homer Fleury, Concordia, 6 cockerels; Thelma Fleury, Concordia, 5 cockerels.
- Golden-laced Wyandottes—Elsie Morrell, Blue Mound, 4 cockerels; Mrs. Mattie Teasley, Glasco, 15 cockerels.
- Single Comb White Leghorns—Elsie Wheeler, Hartford, 3 cockerels; Mrs. W. A. Andrew, Olathe, 10 cockerels.
- Buff Orpingtons—Beth Beckey, Linwood, 20 pullets and 10 cockerels; Gladys Wagner, Cummings, 8 cockerels.
- Rose Comb Rhode Island Whites—Viola Rambo, Burden, 10 cockerels.
- Black Langshans—Helen Andrew, Olathe, 2 pullets and 6 cockerels.
- Silver Spangled Hamburgs—Grace E. Hovey, Cambridge, 25 pullets and 20 cockerels.
- Light Brahmas—Lena West, Belleville, 6 pullets and 4 cockerels.

I wish to extend an invitation to

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas.

Earle H. Whitman, Pig Club Manager.
Rachel Ann Garrett, Poultry Club Manager.

I hereby make application for selection as one of the representatives of
.....county in the Capper

.....Club.
(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work.

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

Approved.....Parent or Guardian

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

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Made of Genuine California Redwood, galvanized iron covering, triple walls, asbestos lining, deep chick nursery, hot water heat, copper tank and boiler, self regulating. Shipped complete with fixtures, set up, ready to use. The biggest bargain on the market. 30 days' trial—money back if not satisfied. Absolutely no risk when you buy Ironclads. Or we will ship you this

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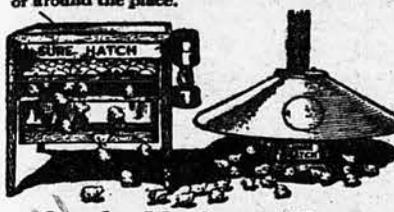
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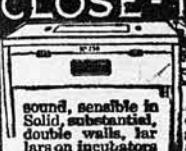
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Kansas Farmer and Mail and Breeze, Topeka, Kansas.
Enclosed find \$..... for which please send me all the periodicals named in Club No..... for a term of one year each.
Name.....
Address.....

every girl in Kansas between 10 and 18 years old to join our Capper Poultry club. I sincerely hope that all the old members will re-enroll, but we also wish new members, lots and lots and lots of them. "The more, the merrier," you know. We need but to look into past records, or ask old club members, to find that the club work is helpful, that it pays. Won't you, new girl, sign the application at the bottom of this page and send it in? It doesn't mean that you are joining. It means that you're interested and wish all the information about club work, and I shall be very glad to send it to you.

Iron for Baby Chicks

BY I. B. REED

Discussing the first eight weeks in the life of a baby chick, S. C. Whitwam, well known in poultry circles in Kansas as a breeder and fancier, in a letter to Kansas Farmer and Mail and Breeze, says:

"There never yet has been invented a formula that will guide the poultryman safely thru the first eight weeks of the baby chick's life. There are two periods in the life of all the feathered tribe with which I am acquainted when feed alone will not do all that should be done for the birds. "Chickens are not hatched with feathers; only a down. Feathers with some begin to show in a few days and grow fast if the chick is healthy; in others it takes a longer period. Now the first thing to be considered during this time is to get the feather-building food for the chicks and feed it until the bird has passed from the down thru wing feathering and until the body is covered.

Mineral Food Essential

"Iron is the greatest feather builder known to poultrymen and the Douglas Mixture formula has stood the test for 200 years among fanciers. The scientist will tell you that white diarrhea comes from a microbe and he will admit that the microbes lie dormant in fowls all the time. Incubator chicks have to be mothered artificially and hence are more subject to the variations of heat and cold. Lack of either in proper form will stultify the enemy of the microbe within their bodies and at the same time will enervate the microbe. So I reason the greater part of diarrhea trouble, being among incubator chicks, must have its beginning when the little fellows get either too cold or too warm. "I have always fed the feather with iron until it was matured and during the many years I have handled poultry my chicks have not been troubled with white diarrhea.

"Then comes the time when the fowl begins to molt and gets out of condition and subject to disease. This situation continues until the blood leaves the quill of the feather and it becomes matured. During this season the iron must be given in increased doses. It always should be kept in the drinking water. I use enough Venetian Red mineral, mixed in the drinking water to color it."

A Good Mixture

Douglas Mixture, recommended by Mr. Whitwam, is made up as follows: 1 pound of sulfate of iron, 1 ounce of sulfuric acid. Place these chemicals in a 2-gallon stone jug and fill up with water. It is ready for use after standing a day or two. One half pint of this mixture is used in 3 gallons of water to fill up the drinking vessels. Usually a teaspoon of Venetian Red to a quart of water is used by Mr. Whitwam.

The Whitwam roup remedy long has been in use. It is made by melting 1 ounce of camphor gum in 8 ounces of warm sweet oil and adding 1 ounce of carbolic acid. When the roup appears, Mr. Whitwam says, it can be cured by rubbing this preparation under and over the eyes and between the wattles. In more severe cases it is sometimes necessary to inject a drop thru the slit in the top of the fowl's mouth with a medicine dropper.

As a result of a curious investigation concerning the "preferred numbers" of the inhabitants of different countries, "two" and "five" are the most popular among the French and other Latin people, while the English prefer "two" and "three," and the Germans "three" and "five." The people of Hawaii are said to be quite fond of "thirteen."



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Brooks Buttermilk Chick-Starter

contains the lactic acid that helps eliminate bowel trouble and white diarrhoea, and makes chicks grow twice as fast as ordinary grain feeds. It contains pure dried buttermilk, steel cut oats, special meat scraps, grain meals, etc.—no weed seeds, screenings or musty off-fall.

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With Fibre-Board Double-Walled Construction used for over seventeen years—Copper Hot-Water Tank—Self-Regulated Safety Lamp—Thermometer and Holder—Deep Chick Nursery—Egg Tester. \$7.50 buys 140-Chick Hot-Water, Double-Walled Belle City Brooder—Guaranteed to raise the chicks. You save \$1.95 ordering both together—a complete Hatching Outfit for only **\$19.95**

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And allowed to points beyond. With this Guaranteed Hatching Outfit and my complete Guide Book for setting up and operating, your success is sure—vouched for by over 911,000 users. Save time—thousands order direct from my advertisements every year. Order now and easily share in my special

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15	1.50	4.80	31	3.10	9.92
16	1.60	5.12	32	3.20	10.24
17	1.70	5.44	33	3.30	10.56
18	1.80	5.76	34	3.40	10.88
19	1.90	6.08	35	3.50	11.20
20	2.00	6.40	36	3.60	11.52
21	2.10	6.72	37	3.70	11.84
22	2.20	7.04	38	3.80	12.16
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We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

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

AGENTS WANTED

WE PAY \$200 MONTHLY SALARY, FURNISH RIG and expenses to all who qualify introducing guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

WANTED—A FEW MORE GOOD, RELIABLE men to sell National Brand fruit trees and a general line of nursery stock. Carl F. Heart of Kansas earned \$2,312.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. We offer steady employment, loan outfit free and pay cash weekly. Write at once for terms, territory, etc. Catalog free to planters. National Nurseries, Lawrence, Kan.

BUSINESS OPPORTUNITIES

GARAGE BUSINESS FOR SALE. GOOD location. Levi Anderson, Agenda, Kansas.

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

PUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

EMPLOYMENT WANTED

WANT JOB ON FARM. LIFE EXPERIENCE. Raymond Herrin, Edmond, Okla.

GIRL WANTS HOUSEWORK IN CHRISTIAN home. Give references. Address P. L. care Mail and Breeze.

FARM WORK WANTED BY AN EXPERIENCED and dependable married man. Employment with Christian people desired. Address: Agriculturist, Mail & Breeze.

SERVICES OFFERED

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

IS YOUR WAY BETTER? PATENT YOUR Improvements. Lamb & Co., Patent Attorneys, 1419 G. Street, Washington, D. C.

PLEATINGS ALL KINDS INCLUDING fine knife pleated edging so popular in dressmaking and millinery. Mrs. M. J. Mercer, 300 Topeka Blvd., Topeka.

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

WANTED, ORDERS FOR APRONS INCLUDING children's. All designs. Ranging price 75 cents to \$4.00. State size and color. Orders taken permanently. Mrs. Francis Krone, R. 4, Delphos, Kan.

INVENTORS WRITE FOR OUR ILLUSTRATED book and record of invention blank. Send model or sketch for our opinion of its patentable nature. Highest references. Prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

A DOLLAR SAVED IS A DOLLAR EARNED. Send us your name and address and we will send you full details how to save 20% to 30% when buying automobile tires, tubes, oils or supplies. Kerr Auto Supply Co., Junction City, Kan.

EDUCATIONAL

MOLER BARBER COLLEGE, LARGEST and best. Write for free catalog. 544 Main St., Kansas City, Mo.

LAWRENCE BUSINESS COLLEGE, LAWRENCE, Kansas, trains its students for good paying positions. Write for catalog. \$133-\$192 MONTH. BECOME RAILWAY Mail Clerks. List positions free. Write today sure. Franklin Institute, Dept. B15, Rochester, N. Y.

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

KODAK FINISHING

FOR 25c WE DEVELOP ANY SIZE ROLL and 6 quality velvet prints. Film packs and 12 prints 50c. The Photo Shop, Topeka, Kan.

TRIAL ORDER—SEND 25c AND ROLL for 6 beautiful glossstone prints or 6 reprints. Fast service. Day Night Studio, Sedalia, Mo.

TYPEWRITERS

TYPEWRITERS FOR SALE. TRIAL AND payments. Josephine Yotz, Shawnee, Kan.

TYPEWRITERS SOLD ON EASY PAYMENTS. Free trial. Payne Co. Rosedale, Kansas.

REBUILT TYPEWRITERS. ALL MAKES. Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

WANTED TO BUY

WANTED 200 WHITE ESQUIMO SPITZ puppies about six weeks old. Brockway's Kennels, Baldwin, Kan.

WANTED: GOOD ALFALFA SEED. STATE quantity for sale, mail sample to Mitchell Seed Co., St. Joseph, Mo.

FOR SALE OR TRADE

GOOSE FEATHERS \$1.50 LB. COLY COLE, Sharon, Kan.

GOOSE AND DUCK FEATHERS FOR sale. Jesse Gear, Goessel, Kan.

NEW 140 CHICK BELLE CITY BROODER \$5. Nettie Erickson, Strong, Kansas.

1920 REO TRUCK FOR SALE. IN GOOD condition. Priced right. Box 457, Ellis, Kansas.

SHELLED RICE POPCORN. 50 LBS. \$1.50. 100 lbs. \$2.75. Herman Stuff, Whiting, Kansas.

FOR SALE—RUMELY 16-30. AVERY 12-25. Will trade. Want 30-60 tractor. Frank Silvester, Little River, Kansas.

QUEEN INCUBATOR CAPACITY 400 EGGS \$35. Queen outdoor brooder never been used. 250 chicks \$15. Mrs. W. L. Bunning, White City, Kansas.

AULTMAN 23-36 SEPARATOR IN GOOD condition. Ruth feeder, Hyatt roller bearings on cylinder shaft. If interested write W. H. Hancock, Edna, Kan.

TOBACCO

HOMESPUN MILD SMOKING TOBACCO. 10 lbs. \$2; 20 lbs. \$3.50. Chewing, 10 lbs. \$2.75. Farmers Club, Mayfield, Ky.

TOBACCO—KENTUCKY FINEST CHEW-ing, 10 lb., \$3.25. Smoking, 10 lb., \$2.50. 20 lb., \$4.00. Stubblefield and Son, Mayfield, Ky.

HOMESPUN SMOKING OR CHEWING TO-bacco collect on delivery 5 pounds \$1.50; 10 pounds \$2.50; 20 pounds \$4.00. Farmers Association, Paducah, Kentucky.

KENTUCKY LEAF TOBACCO: 3 YEARS old, nature cured. Don't send a penny, pay for tobacco and postage on arrival. Extra fine quality chewing or smoking, 10 lbs. \$3.00; medium quality smoking 10 lbs. \$1.25. Farmers' Union, D19, Hawesville, Ky.

TOBACCO—KENTUCKY'S FINEST, 3 years old. Don't send money. Pay for tobacco and postage on arrival; delivery guaranteed. Finest quality chewing and smoking, 10 pounds, \$2.25; medium smoking, 10 pounds, \$1. Prices good until March first. Othmer Shown, Hawesville, Ky.

MONEY BACK IF NOT DELIGHTED. Choice aged mellow Kentucky natural leaf—postpaid. Mild white Burley, 50c lb.; 10 lbs. \$4. Best Yellow Pryor, 30c lb.; 10 lbs. \$2.50. Second grade, 5 lbs. \$1. Trial pound each, three kinds, \$1. Chambers Tobacco Growers' Warehouse 6, Chambers, Kentucky.

FOR THE TABLE

HIGHEST GRADE EXTRACTED HONEY, 60 pounds, \$6.50; 120 pounds, \$12; here. Drexel & Sons, Beekeepers, Crawford, Colo.

NEW CROP TABLE RICE AND PEANUTS. 100 pounds in double sacks. F.O.B. Katy, as follows. Beautiful clean white rice, \$3.65. Re-cleaned Spanish peanuts, \$4.50. J. Ed. Cabanis, Bx 90, Katy, Texas.

"THEBESTO" HONEY—DELICIOUS, MILD flavor; light color; satisfaction guaranteed or money back; 5-lb. can postpaid, \$1.40; c. o. d. if desired. Write for prices on quantities. Colorado Honey Producers Association, Denver, Colorado.

NURSERY STOCK

LILACS—PURPLE ONLY, 10 CENTS EACH. \$8.00—100. Will Wycoff, Luray, Kansas.

GRAPE VINES, CONCORD, 1 YEAR NO. 1, 25 for \$2; 100 for \$8, prepaid. State inspected. H. A. Hedding, R. 1, Coloma, Mich.

THE WONDERFUL BRODBECK SWEET cherry. Twice size of others. Only two failures in thirty years. Trees for sale. Sylvanus Brodbeck, Gallatin, Mo.

FRUIT TREES, GRAPE VINES, BERRY plants, forest tree seedlings, evergreens and ornamentals. Write for catalog. Greenwood County Nursery Co., Eureka, Kan.

FRUIT TREES. GREATLY REDUCED prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries, ornamental trees, vines and shrubs. Free 64 page catalog. Tennessee Nursery Co., Box 124, Cleveland, Tenn.

TREES AND SEEDS. REDUCED PRICES on our quality nursery stock at wholesale planters prices. Northern grown tested garden, flower and field seeds at low prices. Send today for our catalogs full of valuable information on culture of trees and plants. Box B, Wichita Nurseries and Seed House, Wichita, Kan.

VEIL MATERNITY HOSPITAL—OFFERS efficient medical and hospital care supplementing congenial homelike surroundings for young women during confinement. Private, reasonable. Babies for adoption. 512 E. Main St., Corry, Pa., 15 W. 31st Street, Kansas City, Mo.

SEEDS AND PLANTS

RICE POPCORN FOR SALE 5c LB. W. S. Cline, Esbon, Kansas.

BEST WHITE SWEET CLOVER \$4 BU. Henry Harper, Severy, Kan.

GARDEN SECRETS (17,000 WORDS) free. Jesse Long, Boulder, Colo.

SWEET POTATO SEED YELLOW JER-sey. H. C. Hays, Manhattan, Kan.

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

GOLDMINE SEED CORN, \$2.00 PER BU. Samples free. J. F. Feigley, Enterprise, Kan.

SEED SWEET POTATOES 14 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

SEED CORN, THREE VARIETIES. BEST to be had for the price. Order now. Fred Laptad, Lawrence, Kansas.

MAMMOTH RED CLOVER SEED PRICE per 100 lbs. or less, 18 cents per lb. F.O.B. Coffeyville, Kan. Address H. F. Schuetz, Elliott, Okla.

SWEET POTATOES, SEED AND EATING. Plants for sale in season. Seed corn, yellow and white. Write for prices. C. R. Goerke, Sterling, Kan.

RED RIVER SEED POTATOES EXTRA Early Ohio, Irish Cobblers by the bushel or car load. My sixth year. Henry Korgan, Hastings, Neb.

WANTED SEVERAL HUNDRED BUSHELS of Sudan grass seed. What have you? Send samples. Will pay highest market price. Wyatt Hardware Co., Atlanta, Neb.

WHITE SWEET CLOVER. BEST QUAL-ity cheap. Unequaled permanent pasture. Minimum labor. Sow on damaged wheat. Pasture after harvest. Information, John Lewis, Virgil, Kan.

CHOICE UPLAND RECLEANED ALFALFA seed for sale at \$15.00 per hundred pounds f. o. b. track Belleville, Kansas. Ask for samples. New heavy sacks 35c each. E. A. Fulcomer, Belleville, Kan.

PLANT KUDZU FOR HAY AND PAS-tures. More nutritious than Alfalfa and yields more. Needs no lime or fertilizer. Lasts a lifetime without replanting. Write for information. Cherokee Farms, Monticello, Florida.

ALFALFA SEED, COMMON, 16 CENTS pound. Grimm 40 cents pound. All highest quality, bright as gold, free of noxious weeds. Guaranteed 99.5% pure. 91% growth. Samples free. Wm. Uttermann, Seedsman, Grand Junction, Colo.

BUILDING SUPPLIES

WHOLESALE PRICES LUMBER AND bale ties. Hall-McKee, Emporia, Kan.

WHOLESALE LUMBER PRICES TO farmers. Small car lots. Independent Lumber Co., Iantha, Mo.

MACHINERY

BARGAIN NOW, 10 FT. MOLINE TRAC-tor binder, good condition, use any tractor. Robert Jewett, Burlington, Kan.

FOR SALE—ONE NICHOLS SHEPARD 20 horse, double cylinder steam engine in extra good condition. Henry C. Meyer, Palmer, Kan.

WALLIS TRACTOR NEARLY NEW, TWO Reo trucks, one 20-40 Case tractor, 32x54 Avery separator. Terms until August first. James Blackmore, Larned, Kansas.

FOR SALE: PARRETT TRACTOR; 3-BOW Vulcan plow. Good condition. Operated two seasons only, by myself. Cost \$2,000.00. A real buy at \$750. Creighton Tabb, Route 8, Paola, Kan.

FOR SALE—20-40 OIL PULL AND 32-52 Advance Rumely Separator, nearly new. New 16-30 and 12-20; 16-30 rebuilt; some good steam engines; 12-25 Helder and 18-35 Titan; all priced to sell. Wakefield Motor Co., Wakefield, Kan.

STRAYED

TAKEN UP BY E. F. ARMSTRONG OF Atamont, Labette county, Kansas, on January 23, 1922, one dark red cow about 6 years old, with white spots on body and white feet. W. W. Barnard, County Clerk, Oswego, Kansas.

TAKEN UP ON OCTOBER 1ST BY MAR-tin Ludwig of Cedar Point, Chase county, Kansas, one red horned steer four years old with "Diamond" on left side, large "D" on left hip, and on left side. C. A. Coe, County Clerk, Cottonwood Falls, Kan.

MISCELLANEOUS

PHONOGRAPH RECORDS AND PLAYER piano rolls exchanged. Trade old for new. Stamp brings catalog. Fuller, Wichita, Kan.

FARMERS' CLASSIFIED AD USE THIS FORM—IT SAVES DELAY

Mail This to
Kansas Farmer and Mail & Breeze
Topeka, Kansas

Rate: 10 cents a word on single insertion; 8 cents a word each week if ordered 4 or more consecutive weeks. Minimum charge is \$1.

Count initials or abbreviations as words

Fill This, Please!

Your Count of ad.....Words

No. times to run.....

Amount enclosed \$.....

Place under heading of.....

(Your Name)

(Town)

Route

(State)

NOTE: Count your name and address as part of advertisement.

LIVESTOCK COMMISSION FIRMS.

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

DOGS AND PONIES

AIREDALE PUPS—REGISTERED. SIX weeks old. Write for prices. J. L. Jones, Lebo, Kansas.

GERMAN SHEPHERD, AIREDALES, COLLIES and Old English Shepherd dogs. Brood matrons, puppies. Bred for farm helpers. Spotted Poland China hogs. 10c for instruction list. W. R. Watson, Mgr., Nishna Pure Bred Stock Co., Box 221, Macon, Mo.

POULTRY

ANDALUSIANS

BLUE ANDALUSIAN COCKERELS, \$2. Mrs. A. Robinson, Halls Summit, Kan.

Andalusian—Eggs

PURE BRED BLUE ANDALUSIAN EGGS from culled pen \$1.50—15; \$9.00—100. Chas. C. Miller, White City, Kan.

ANCONAS

FOR SALE—ROSE COMB ANCONAS. B. F. Graff, Erie, Kansas.

ANCONA HENS AND PULLETS FOR sale, \$2 each. Shem Yoder, Yoder, Kan.

ANCONA COCKERELS, HEAVY LAYING Gies Strain. \$2. \$3. \$5. Mrs. Helen Lill, Mt. Hope, Kan.

ANCONA BARGAIN! EGGS \$7—100. Chicks 15c. From Prize stock. Guaranteed. Theoren Tibbitts, Richland, Kansas.

PURE BRED SINGLE COMB ANCONA chicks and eggs for hatching. Price reasonable. Mr. and Mrs. Walter Pierce, Chapman, Kan., R. 3.

ANCONAS: EGGS, BABY CHICKS AND COCKERELS from blue ribbon stock. Bred for egg production. Theo. Zercher, Box 648, Topeka, Kan.

SHEPPARD STRAIN ANCONAS. NINE prosperous years with the winter egg case fillers and Non-sitters. Folder free. Bessie Buchele, Cedarvale, Kansas.

SINGLE COMB ANCONAS, FAMOUS SHEPPARD foundation. Selected Hoganized range flock. Eggs 15, \$1.50; 100, \$7.00. Chicks, 16 cents. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

PAGE'S ANCONA FARM, SALINA, KANSAS. Bred Anconas exclusively eleven years. Cockerels, cocks, eggs; literature free. Member National and Kansas Clubs. Orders filled promptly or money returned. J. J. Page, Salina, Kansas.

WYATT'S PROFIT PAYERS—ORCHARD Home Single Comb Anconas. Winter layers. Hardy hustlers. Hatching eggs postpaid to you 15 for \$1.50; 50 for \$4.50; 100 for \$8.00. Hatch guarantee. Circular free. Frank Pyle, R. 3, Osawatimie, Kan.

LINGERLONGER ANCONAS. WON LOVING-cup, best display, "Heart of America." Twelve firsts at five big shows this season. Over 200 egg official record hens. Stock, eggs, baby chicks. Free catalog. Lingerlonger Farm, Box K, Weaubleau, Mo.

BABY CHICKS

HUNT FOR HUNT'S BABY CHICKS. HUNT Hatchery, Claflin, Kan.

PURE BRED BABY CHICKS. HARD TIME prices, 8c up. Young's Hatchery, Wakefield, Kan.

BARRON'S WHITE LEGHORN CHICKS 20c prepaid. Hens Hogan tested. A. L. Niecher, Oberlin, Kansas.

CHICKS: 10 CENTS UP, POSTPAID. 12 varieties. Large catalog and guide free. Superior Farms, Windsor, Mo.

QUALITY CHICKS: LEGHORNS 10c. Large breeds 12 and 13c. Prepaid eggs. Media Jenkins, Jewell, Kansas.

BABY CHICKS: 25 BEST VARIETIES. Our price list tells the story, sent free today. Steinmesch, 305, St. Louis, Mo.

W. C. WHITE LEGHORN CHICKS FROM high producing stock \$15 per 100, \$70, 100. Postpaid. C. G. Cook, Lyons, Kan.

WYANDOTTE BABY CHIX 15c each. Eggs 100, \$8. State Fair Winners. Order early. Wyckoff Bros., Luray, Kan.

BABY CHICKS AND EGGS: LEADING breeds from range flocks. Prepaid live delivery. Clannish Hatchery, Jewell, Kan.

YOUNKIN'S CHICKS—LEADING VARIETIES. 10c up. Send for prices on early chicks. Younklin's Hatchery, Wakefield, Kan.

BABY CHICKS, 9c UP, POSTPAID. Twelve pure breeds. Best guarantee. Catalog free. Booth Hatchery, Clinton, Mo.

BABY CHICKS 12 CENTS. PURE BRED Poultry. Eggs for hatching. Catalog free. Evergreen Poultry Farms, Hampton, Iowa.

PURE BRED SINGLE COMB WHITE Leghorn baby chicks. Write for circulars. Rockyview Stock & Poultry Farm, Wamego, Kansas.

BABY CHICKS—PURE BRED SILVER bred Wyandottes. March delivery 18c prepaid. Mrs. G. E. Siemers, Clay Center, Kansas.

BABY CHICKS \$12.00 A 100 UP. BEST stock, free delivery. Arrival guaranteed. Catalogue free. Standard Egg Farms, Cape Girardeau, Mo.

WENGER'S PURE BRED S. C. W. LEGHORNS, Chicks, \$10.50 per 100; \$50 per 500. Live delivery. Prepaid. Jonas Wenger, Canton, Kan.

YOU BUY THE BEST CHICKS FOR THE least money, guaranteed alive and shipped anywhere, 18c to 20c from Colwell Hatchery, Smith Center, Kan.

YOU BUY WORLD'S BEST SINGLE COMB White Leghorn chicks at \$15 per 100. That will make you money from Clara Colwell, Smith Center, Kan.

PURE BRED BABY CHIX AND HATCHING eggs. Leading varieties 10 cents up. Postpaid safe delivery. Catalogue free. Brewer Hatchery, Minneapolis, Kan.

50,000 SINGLE COMB WHITE LEGHORN chicks from heavy laying strains. Prices reduced. Live delivery prepaid. Myers Hatchery, Clay Center, Kan.

SINGLE COMB WHITE LEGHORN chicks. From choice Hoganized flocks. Live delivery. Postpaid, 13 cents. Wyllie Hatchery, Clay Center, Kan.

BABY CHICKS

BABY CHICKS—LEADING VARIETIES. 97% live delivery guaranteed. Prices: Leghorns 11c and larger breeds 12c. Floyd Bozarth, Eskridge, Kansas.

BABY CHICKS S. C. WHITE LEGHORN Tom Barron 240 egg strain 13c, Buff Leghorns 15c. Live delivery prepaid. Queen Hatchery, Clay Center, Kansas.

SINGLE COMB WHITE LEGHORN BABY chix. Frantz, large winter laying strain, 14c. Eggs, 6c. Delivery guaranteed. Postpaid. P. B. Way, Canton, Kansas.

BABY CHICKS—SINGLE COMB WHITE Leghorns. Winterlay Ferris strain, 14c. Heavy breeds, 15c. Prepaid live delivery. Duckwall's Hatchery, Abilene, Kan.

PURE BRED BABY CHICKS. LEADING varieties. Popular strains. 20% cash discount if ordered by February 15th. Circular free. Anderson Farm Hatchery, Juniata, Neb.

SINGLE COMB BARRON WHITE LEGHORNS, 16c. All leading varieties hatched. Guaranteed live delivery. Taking orders now for March and April. Mrs. C. F. White, N. Topeka, R. 4.

LEADING VARIETIES. GUARANTEED from high producing, standard flocks. Highest values, reasonable prices. Circular. Quality Poultry Products Farm, Leavenworth, Kan.

BABY CHICKS FROM STANDARD BRED S. C. Anconas, White and Brown Leghorns. Safe arrival guaranteed. Postage paid. Catalogue free. Ottawa Hatchery, Holland, Mich.

SINGLE COMB BROWN LEGHORN BABY Chicks, 15c; eggs \$5—100. Carefully selected and culled flock. Heavy winter layers. Delivery guaranteed. Mrs. V. Young, Melvern, Kansas.

BABY CHICKS—ELEVEN LEADING VARIETIES. Low prices. Our interesting and instructive catalog free, explaining our easy payment plan. Huber's Reliable Hatchery, Dept. A, Hiawatha, Kan.

BABY CHICKS AND DUCKINGS. ALL varieties. 12 cents and up. 2,000,000 for 1922. St. Louis' largest hatchery. Live arrival guaranteed. Write for prices. Heidel Poultry Farms, St. Louis, Mo.

BABY CHICKS—HIGHEST QUALITY R. C. Brown, S. C. Buff and White Leghorns, White Wyandottes. Lowest prices. Postpaid, live delivery guaranteed. Clay Center Hatchery, Clay Center, Kansas.

250,000 BABY CHICKS FROM MICHIGAN'S best egg pedigreed laying stock of Rocks, Anconas, American and English White Leghorns. Delivery guaranteed. Write for catalogue now. Progressive Hatcheries, Box B, Holland, Mich.

DAY OLD CHICKS: BIG, HEALTHY, profitable kind. Five standard bred "efficiency" varieties. Shipped parcel post prepaid. Delivery guaranteed. Prices right. Send for catalogue. Clyde Chick Hatchery, Box 5K, Clyde, Ohio.

THOMPSON STRAIN RINGLET ROCK baby chicks, 12c. Booking orders for February, March and April delivery. Full blood single comb Brown Leghorn baby chicks, 10c. Booking orders spring delivery. Mrs. Reube Wilson, Route 2, Melvern, Kan.

CHICKS: 290 EGG STRAIN BARRED PLYMOUTH Rocks, my specialty for years. Pedigree bred. Strong, vigorous chicks and eggs for hatching by prepaid parcel post to you. Satisfaction guaranteed. Get free 1922 catalog now. M. W. Klemm, Box 561, Lincoln, Ill.

FOR SALE: AMES QUALITY CHIX. FROM standard breed selected flocks. All leading varieties. Shipments made each Tuesday after February 28. Ask for catalogue and order early. Ames Hatchery Co., Box M, Ames, Iowa.

BABY CHICKS—PURE BRED BARRON strain English White Leghorns, from heavy producing Hogan tested stock. \$15 per hundred. Shipped special delivery parcel post. Johnson Hatchery, 109 Buchanan St., Topeka, Kan.

BABY CHICKS: PURE BREDS, ALL leading varieties. Big husky chicks from heavy laying strains. Prepaid, 100% live arrival. Satisfaction guaranteed. Get illustrated catalog. Loup Valley Hatchery, Box 98, Cushing, Neb.

CHICKS: SINGLE COMB WHITE LEGHORNS. High record trapnested flocks of 280 egg strain. Big, strong, vigorous chicks, by prepaid post. 100% live delivery guaranteed. Also eggs for hatching. Get free catalog. Sunny Acre Leghorn Farm, Box 500, Sandwich, Ill.

BABY CHICKS: WE HAVE A SURPRISE for you. All information free. Get the facts on our world famous Tom Barron, English White Leghorns. Heavy laying Brown Leghorns and Anconas. We save you money. Superior Poultry Farms, Box 501, Zeeland, Mich.

BABY CHICKS FROM HOGANIZED STANDARD bred flocks. Barred Rocks, White Rocks, Rhode Island Reds, White Wyandottes, Buff Orpingtons, Anconas and White Leghorns from \$10.50 up. Catalog. Sieb's Hatchery, Lincoln, Ill.

BABY CHICKS—20 LEADING VARIETIES. Bred for heavy egg production. 1,000,000 chicks for 1922 via prepaid parcel post, safe delivery guaranteed. Satisfied customers in every state. 19th season. Catalog free. Miller Poultry Farms, Box 812, Lancaster, Mo.

ROSS BABY CHICKS PURE BRED. VIGOROUS stock. 10-20 cents prepaid live delivery. White, Buff, Brown Leghorns; Barred Rocks; White Rocks; Buff Orpington; Rhode Island Reds. Catalog free showing greatest incubator system in the world. Ross Hatchery, Junction City, Kan.

CHICKS WITH "PEP"—OUR BRED-TO lay and exhibition chicks will pay you. Try them and be convinced. Rocks, Reds, Orpingtons, Wyandottes, Anconas, Minorcas, Leghorns. Safe delivery guaranteed. Prepaid. Prices right. Free catalogue. Holgate Chick Hatchery, Box X, Holgate, Ohio.

CHICKS: MILLERS, THE "OLD RELIABLE" Illinois Hatchery. Strong, well hatched chicks from heavy laying hens in leading varieties. Reasonable prices and guarantee 100% live delivery by prepaid parcel post. Get 1922 catalog. Order now. Miller Hatchery, Box 521, Heyworth, Ill.

LOOK! 1 1/2 MILLION "JUST-RITE" BABY chicks for 1922, postage paid, 95% live arrival guaranteed. Month's feed free with each order. 40 breeds chicks. Select and exhibition grades. We have a hatchery near you. Catalog free, stamps appreciated. Nabob Hatcheries, Dept. 40, Gambier, Ohio.

DAY OLD CHICKS—ROSE AND SINGLE Comb Reds, Barred and White Rocks, Single Comb White, Buff and Brown Leghorns, Buff Orpingtons, Black Langshans and Anconas. Good sturdy stock hatched in mammoth electric incubators. Prices right. Edward Steinhoff & Sons, Leon, Kan.

BABY CHICKS

CHICKS: TWELVE LEADING VARIETIES, heavy laying fowls, Leghorns, Rocks, Reds, Wyandottes, Anconas, Minorcas, Orpingtons. Produced under my personal supervision. 100 per cent live delivery by prepaid parcel post guaranteed. Get free catalog now. H. E. Tippin, Box 306, Findlay, Ohio.

BABY CHICKS: SIX VARIETIES, BARRED Rocks, White Rocks, R. I. Reds, Buff Orpingtons, White Wyandottes, White Leghorns, prices \$15.00 100; \$70.00 500; \$130.00 1000. Postpaid. 99% live arrival guaranteed. Cash with order or one-half cash, balance C. O. D. The Oberlin Hatchery, Oberlin, Kan.

BABY CHICKS: 11 TO 17c EACH, BARRED Rocks, Rhode Island Reds, Buff Orpingtons, White Leghorns and Brown Leghorns. Hatched from pure bred parent stock that are properly housed, and fed to produce strong healthy chicks. Customers report having raised 95%. Circular free. 100% delivery guaranteed. The Porter Hatchery, Winfield, Kan.

BABY CHICKS: BARRON STRAIN, HEAVY weight, heavy laying Single Comb White Leghorns, \$22 per 100. International Strain heavy laying Leghorns, \$18 per 100. Park's strain heavy laying Barred Rocks, \$22 per 100. Select heavy laying Barred Rocks, \$18 per 100. Get free circular. Dallenbach Poultry Farm, Box 551, Bondville, Ill.

CONTRACT CHICKS NOW FOR SPRING delivery. Why sell grain at 20c per bushel when eggs bring \$15 per bushel? Have Colwells hatch the chicks 4 cents per egg. You buy the best chicks for the least money shipped anywhere, guaranteed alive or replaced January to June shipments from Colwell Hatchery, Smith Center, Kan. Reference: Smith County State Bank affirms: "We have known Clara Colwell 10 years and found her honest in business dealings."

BRAHMAS

LIGHT BRAHMA COCKERELS \$3 AND \$5 each. F. W. Dixon, Holton, Kan.

LIGHT BRAHMA COCKERELS, \$3 AND \$5 each. Mrs. Robt. Greenwade, Blackwell, Okla.

CAMPINES

SILVER CAMPINE COCKERELS FOR sale, \$4. Charles Parks, Eureka, Kansas.

GEESE

TOULOUSE GEESSE \$3.00, TRIO \$8.00. Morton A. Smith, Melvern, Kan.

EMBDEN GEESSE, \$7. TOULOUSE GEESSE, \$4. Mrs. Robt. Greenwade, Blackwell, Okla.

MAMMOTH TOULOUSE GANDERS \$3.50 each. Feathers \$1.50 lb. Glenn Cole, Sharon, Kansas.

DUCKS AND GEESSE

DUCKS: ROUENS, PEKINS, RUNNERS, Muscovys, Mallards. Geese: Toulouse, African, Embden, China, singles, pairs, trios, larger lots. Unrelated birds. John Hass, Bettendorf, Iowa, Box 388.

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PURE SILVER SPANGLED HAMBURG COCKERELS. One, \$2; two, \$4. Mrs. M. Hoehn, Lenexa, Kan.

Houdan—Eggs

PURE BRED HOUDAN EGGS 15—\$2.25; 45—\$5.50, postpaid. Henry Haberman, Great Bend, Kansas.

LEGHORNS

ROSE COMB BROWN LEGHORN COCKERELS, \$1.50. Eleanor Croft, Larned, Kan.

SINGLE COMB BUFF LEGHORN COCKERELS, \$1.00. Mary Moyer, Oakhill, Kan.

ROSE COMB BROWN LEGHORN COCKERELS, \$1.25. Albert Stahl, Louisburg, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$1 each. C. A. Lucas, Lewis, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS, \$1.50. John Linke, Geneseo, Kansas.

ROSE COMB WHITE LEGHORN COCKERELS, \$1.25 each. Uriah Slabach, Conway, Kan.

ROSE COMB BUFF LEGHORN EGGS. Hoganized matings. Floyd Schaulis, Morrill, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS \$1.00 each. Tom Dugger, Lewis, Kansas.

CHOICE SINGLE COMB WHITE LEGHORN cockerels, \$1.50. Lawrence Diebolt, Iola, Kan.

ROSE COMB BROWN LEGHORNS SPECIALIZED 15 years. Mrs. Mary Mick, Ransom, Kan.

ROSE COMB WHITE LEGHORN COCKERELS, \$1.25 each. Walter Gilmore, Route 3, Leroy, Kan.

BARRON'S SINGLE COMB WHITE LEGHORN cockerels, \$2.00. Otie Cunningham, Formoso, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs and baby chicks. Mrs. Theo Haag, Holton, Kan.

ROSE COMB WHITE LEGHORN COCKERELS \$1.50 each. F. W. Cornell, Wakefield, Kansas.

PURE BRED WHITE LEGHORN COCKERELS, \$2.00 and up. Mrs. Arthur Pitney, Belvue, Kansas.

BARRON SINGLE COMB WHITE LEGHORN cockerels, \$1.50 each. A. H. Hartke, Lincolnville, Kan.

KULP'S ROSE COMB BROWN LEGHORN cockerels, \$2.00. Hens, \$1.25. Mrs. Ethel Wagner, Kinsley, Kan.

ENGLISH BARRON S. C. WHITE LEGHORN cockerels \$2.50; pullets \$1.25. Ray Beaver St. John, Kansas.

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SINGLE COMB WHITE LEGHORN COCKERELS. Dark Cornish, cockerels and eggs. Delle Wallace, Vilets, Kansas.

SINGLE COMB WHITE LEGHORN, Ferris strain, \$1.00 setting, \$5 hundred. J. O. Spencer, Route 5, Newton, Kan.

FRANTZ STRAIN, DIRECT S. C. WHITE Leghorns. Laid 41% November and December. Eggs \$5 per 100. Mrs. H. J. King, Harper, Kan.

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SINGLE COMB WHITE LEGHORN COCKERELS \$1.00. Jim Carroll, Lewis, Kansas.

SINGLE COMB BROWN LEGHORN COCKERELS. Farm raised, pure bred. Priced to sell. Mrs. J. E. Lockhart, Meade, Kan.

YESTERLAIID SINGLE COMB WHITE Leghorn eggs \$5—100; chicks \$15—100. Mrs. Hayes Showman, Sabetha, Kansas.

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SINGLE COMB WHITE LEGHORNS Selected winter layers headed by large husky Barron cockerels. Eggs, \$4 hundred. H. C. Flory, Lone Star, Kan.

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SINGLE COMB WHITE LEGHORNS. Culled Hogan system. Leading strains. Cockerels Frantz strain, eggs \$5.00 per 100. H. E. Hostetter, Harper, Kan.

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PURE BARRONS 262-317 EGG LINE LEGHORNS exclusively, "Hoganized," free range. Extra large, vigorous cockerels. Eggs, chicks, circulars. Joseph Creitz, Beloit, Kan.

LARGE PURE BRED SINGLE COMB White Leghorn cockerels. Graded from 200 to over 300 egg type. \$2 to \$4. Guaranteed. Chicks, eggs. C. G. Cook, Lyons, Kan.

SINGLE COMB WHITE LEGHORNS, EGGS, chicks. 32 prize birds with highest egg production. The kind you want. Request mating list. Underwood Poultry Farm, Hutchinson, Kansas.

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SINGLE COMB WHITE LEGHORN EGGS. Five dollars per hundred. Cloverdale Farm, Melvern, Kan.

YESTERLAIID SINGLE COMB WHITE Leghorn eggs \$5—100. H. F. Henderson, Peck, Kansas.

ROSE COMB WHITE LEGHORN EGGS. Some fine cockerels left. White Rose Poultry Farm, Haven, Kan.

SINGLE COMB WHITE LEGHORN HATCHING eggs, setting 90 cents. Per hundred, \$5. J. D. Hege, Sedgwick, Kan.

PURE BRED SINGLE COMB WHITE LEGHORN eggs. Baby chicks after February 15. I. L. Proctor, Lowmont, Kan.

SINGLE COMB WHITE LEGHORNS. American standard type. 100 eggs \$6.00. Mrs. W. R. Hildreth, Oswego, Kansas.

YESTERLAIID SINGLE COMB WHITE Leghorn, Rose Comb Buff Leghorn eggs, \$6.50 per 100. Chicks, \$15 per 100. Mrs. John Zimmernan, Sabetha, Kan.

EGGS FROM HEAVY WINTER LAYING S. C. W. Leghorns. Bred for high egg production for 8 years. Write for circular and prices. H. M. Blaine, Sylvia, Kan.

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EGGS—BARRON'S STRAIN SINGLE COMB White Leghorns. 272-314 egg line. Attractive prices. Fertility guaranteed. Prepaid. Circular free. W. E. Phillippi, Route 2, Sabetha, Kan.

PURE BRED BARRON SINGLE COMB white Leghorns. Hogan tested, healthy, husky males from imported pen. Eggs \$8.00 per hundred. Cannon Ball Poultry Farm, Mullinville, Kansas.

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BLACK LANGSHAN COCKERELS, PRIZE winners, \$2 to \$5. Ethan King, Solomon, Kan.

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PHEASANTS, PEAFOWL, BANTAMS. Fifteen varieties pigeons. John Hass, Bettendorf, Iowa.

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SINGLE COMB BLACK MINORCA COCKERELS for sale \$3.00 each. Hogan tested. Fred Speakman, Tyrone, Okla.

CHOICE S. C. BLACK MINORCA COCKERELS \$2.50 and \$3.00; cocks \$4.00. L. F. Edensborough, Eastonville, Colo.

SINGLE COMB BLACK MINORCA CHICKS, \$18 hundred; \$75 five hundred; \$130 thousand. Claude Hamilton, Garnett, Kan.

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LARGE WHITE ORPINGTON COCKERELS, \$2.50 to \$5. F. A. Traulsen, Beverly, Kan.

PURE BRED BUFF ORPINGTON COCKERELS, \$2, \$3, \$5. T. T. Gallagher, Sawyer, Kan.

BUFF ORPINGTON COCKERELS AND PULLETS \$2.00 and \$2.50. Frank Hart, Perry, Kansas.

PURE BUFF ORPINGTON COCKERELS, Sledd Strain \$2.50. Pullets (laying) \$1.50. J. R. Slentz, Chase, Kan.

100 SINGLE COMB BUFF ORPINGTON COCKERELS, 100 pullets. Champion strain. H. C. Davis, Denison, Kan.

BUFF ORPINGTON COCKERELS FOR SALE. Price 5 to 25 dollars. J. M. McCleavenger, R 7, Lawrence, Kansas.

BUFF ORPINGTONS FROM HEART OF America winners. Cockerels, \$5. Pullets, \$3. J. A. Kauffman, Abilene, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS \$3; eggs \$6.50-100. Setting \$1.50, postpaid. Mrs. Wm. Sherman, Olathe, Kan.

WHITE ORPINGTON COCKERELS AND pullets from blue ribbon matings. Goodrich and Harper, 712 Topeka Ave., Topeka, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, large boned, even buff. Kind that pleases. Satisfaction guaranteed. Mrs. Perry Higley, Cummings, Kan.

WHITE ORPINGTON COCKERELS, KELLERSTRASS, \$4.00, slightly frozen combs, \$3.00. Won first prize 1921 County fair. Geo. Jeschke, Sparks, Kan.

Orpington—Eggs

BUFF ORPINGTON EGGS \$1.00-15 POSTPAID. Anna Catherwood, Anthony, Kan.

PURE BRED BUFF ORPINGTON EGGS \$3.00-50; \$5.00-100. Mrs. Sam Hebb, Howard, Kansas.

PURE BRED FARM RAISED SINGLE Comb Buff Orpington eggs, five cents each, 100 lots, \$4.00. Hallie Umbarger, Saffordville, Kan.

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BUFF ROCK COCKERELS, \$2, \$3, \$5. A. R. Quinnette, Ames, Kan.

BARRED ROCK COCKERELS, \$2. MRS. Robert Fish, Powhattan, Kan.

WHITE ROCK HENS AND PULLETS \$2 each. Daniel Higgins, Winona, Kan.

PURE BARRED ROCKS \$2.50. EGGS IN season. Mrs. Ida Ham, Burden, Kan.

BARRED ROCK COCKERELS, LARGE and good. Mabel Weller, Holton, Kan.

FISHEL STRAIN WHITE ROCK COCKERELS and eggs. Carl Keesling, Neodesha, Kan.

FISHEL STRAIN WHITE ROCK COCKERELS \$3.00. Geo. Kimpler, Ellinwood, Kansas.

WHITE ROCK COCKERELS FROM PRIZE winning stock \$2 and \$3. Edith Franklin, Troy, Kansas.

BARRED ROCK COCKERELS, EXHIBITION laying strain. \$2.50 up. A. G. Hammond, Vinland, Kan.

PURE BRED WHITE ROCK COCKERELS \$3. Eggs 100-\$5; 15-\$1. Mrs. Elwin Dales, Eureka, Kansas.

BARRED ROCK COCKERELS, PARK strain. Fine fellows. \$3 to \$5. F. Hargrave, Richmond, Kans.

FANCY WHITE ROCK COCKERELS, EGGS for hatching \$1.00 and \$2.00 per 15 eggs. F. A. Castor, Adrian, Mo.

BARRED ROCK COCKERELS, WINNING, laying strain. Satisfaction guaranteed. Sylvan Miller, Humboldt, Kan.

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WHITE ROCK COCKERELS, PURE strain. Large farm rangers \$3.00. C. R. Harrington, Leocompton, Kansas.

BARRED ROCK COCKERELS, THOMPSON'S Imperial "Ringlet" strain. \$5 up. Mrs. J. A. Graham, Ransom, Kan.

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BARRED ROCKS, LARGE BONED heavy laying strain. Cockerels \$1.50 to \$3.00. Helen Romary, Olivet, Kan.

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BARRED ROCK COCKERELS—PULLETS. Write for prices and mating list. 50 ribbons this year. Henry Hicks, Cambridge, Kansas.

FOR SALE: PURE BRED BARRED ROCK COCKERELS \$3; pullets \$2. Satisfaction guaranteed. Mrs. H. N. Cooke, Cottonwood Falls, Kan.

BARRED PLYMOUTH ROCK COCKERELS and pullets at \$3 and \$4 apiece. Satisfaction guaranteed. Mrs. Gus Brune, Lawrence, Kan.

BARRED ROCKS, YELLOW LEGS, SE- lected. Bred to lay. Eggs 100, \$6.00; 15, \$1.50. Cockerels, \$3.00. Mrs. J. B. Jones, Abilene, Kan.

BARRED ROCK COCKERELS, BARRED to skin. Eggs and exhibition strain, \$3. Eggs \$1.50 per setting 15. George Duerstein, R. 1, Belvue, Kan.

IMPERIAL RINGLET BARRED PLY- mouth Rocks, Cockerel line. E. B. Thomp- son strain. Card brings mating list. C. C. White, Seneca, Kan.

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FISHEL STRAIN WHITE ROCK COCK- erels. Big bone, farm raised. \$3 to \$10. Mrs. Emma Conaway, R. 5, McPherson, Kan.

THOMPSON'S IMPERIAL RINGLET DARK COCKERELS and year old cocks. Grand breeders, show birds. \$5, \$8. Mrs. Robert Simmons, Severy, Kan.

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LINDAMOOD'S BARRED ROCKS. UTIL- ity eggs \$1.00 per 15, \$6.00 per 100. Special matings \$5 per 15. Circular. C. C. Lindamood, Walton, Kansas.

PURE BRED WHITE ROCKS 200 EGG strain. Utility flock \$1.50-15; \$5.00-100. Write for prices from direct trapnest pens. H. C. Loewen, Peabody, Kansas.

WHITE ROCKS, LINE BRED, HOGAN tested, winners at Kansas State Show. Choice cockerels \$5. Satisfaction guaran- teed. Albert Heit, Parsons, Kan.

EXTRA FINE 7 TO 9 POUND BARRED Rock cockerels, \$2.50 to \$5.00 each. 40 prizes at last 3 shows. Satisfaction guaran- teed. Dr. Hinckley, Barnard, Kan.

ROYAL BLUE AND IMPERIAL RINGLET Barred Plymouth Rocks. Stock, eggs and baby chicks. Trap nest system. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

WHITE ROCKS—EXHIBITION TRAP- nested strain cocks, cockerels, \$3, \$3.50, \$5, \$7.50, \$10 on approval. Eggs, \$1.50, \$2.50, \$3.50 15; \$3 to \$18 100 prepaid. Chas. Blackwelder, Isabel, Kan.

ARISTOCRAT DARK BARRED PEDI- gree cockerels. Parent stock direct from Holterman's International prize winning show and egg producing birds. Satisfaction guaranteed. Mrs. Blanche Freeman, Mc- Allister, Kan.

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PURE BARRED ROCK EGGS \$1.25-15; \$6.50-100. Ed Meyer, Olathe, Kansas.

FISHEL WHITE ROCK EGGS \$5.00-100; \$9.-200. Mrs. James McCreath, White City, Kan.

BARRED ROCK EGGS, PARKS 200 EGG strain eggs \$5-30; \$10-100. Gem Poul- try Farm, Haven, Kansas.

TRAPNESTED 200 EGG STRAIN WHITE Rock eggs \$10, 100. Book order early. Mrs. G. N. Reed, LaMonte, Mo.

LARGE BONE YELLOW LEGS HEAVY laying strain pure Barred Rock eggs 100, \$6. 15, \$1.25. Mrs. Ira Emig, Abilene, Kan.

WHITE ROCK BREEDER, HATCHING eggs in season. Delano extra laying strain. F. E. Kidney, 2511 West 43rd St., Rosedale, Kan.

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HENS, PULLETS, COCKERELS FOR SALE. Mrs. Jas. Crocker, White City, Kan.

DARK RED ROSE COMB COCKERELS, \$5. Pullets, \$2 each. Ethel Herndon, Lucas, Kan.

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PURE BRED RHODE ISLAND RED COCK- erels, \$3; pullets, \$2. Clarence Strevey, Clayton, Kan.

ROSE COMB REDS, LARGE DARK COCK- erels \$2.50 and \$3.00. Mrs. Guy Hall, Utopia, Kan.

FINE LARGE DARK SINGLE COMB RED COCKERELS. Price \$2.50. Ralph Snyder, Jetmore, Kansas.

SINGLE COMB REDS, BOOKING ORDERS for eggs and chicks. S. F. McClaren, Chertyvale, Kansas.

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PURE BRED ROSE COMB RED COCK- erels. Choice quality \$2, \$3, \$5. E. A. Bryan, Emporia, Kansas.

ROSE COMB RHODE ISLAND RED COCK- erels. Pen hatch, \$2.50. Mrs. P. F. Peterson, Morganville, Kan.

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ROSE COMB RED COCKS, COCKERELS descendants of \$50.00 male bird; \$2.00, \$3.00, \$5.00. Huston, Americus, Kan.

ON APPROVAL ROSE COMB RED COCK- erels. Good shape from trap-nested birds. \$5. \$6. E. G. Rowland, Peabody, Kan.

ROSE COMB RED PENS EXHIBITION quality 50 eggs \$10. Good range flock, 100-\$6. Alice Clinkenbeard, Wetmore, Kan.

ROSE COMB RHODE ISLAND RED COCK- erels and pullets. \$2, \$2.50, \$3. Eggs, \$6.00, 100. Della Schultze, Quenemo, Kan.

RHODE ISLAND WHITE COCKERELS, Both combs. Col. Warren Russell strain, \$2.00. Mrs. S. T. Marcuson, Dresden, Kan., Route 2.

BEAN STRAIN ROSE COMB DARK RED certified cockerels \$2, \$3, \$5, also eggs \$5-100, \$3-50. Mrs. Lillie Wade, Bur- lington, Kansas.

SUGAR VALLEY S. C. REDS, GOOD TYPE, standard bred. Eggs and baby chicks. Satisfaction guaranteed. Mabel Harriman, Mound City, Kan.

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RHODE ISLANDS

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ROSE COMB DARK RED COCKERELS large boned. Sired by pedigreed cockerel of 296 egg record, \$3-\$5. Mrs. James Gam- mell, Council Grove, Kansas.

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QUALITY RHODE ISLAND REDS, BOTH combs. Won more points than any exhibitor of Reds at Heart of America Show. Cockerels, \$3 to \$10. Free mating list. Marshall Poultry Yards, LaCygne, Kan.

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EGGS FROM DARK ROSE COMB REDS. Scramton strain. Winter layers and always payers. Mrs. Geo. Brix, Rt. 1, White City, Kan.

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FLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan., Cocks and Cockerels. "BEAUTIFUL" SILVER WYANDOTTES. Males, Females. Mrs. Edwin Shuff, Plevna, Kan.

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PURE BRED WHITE WYANDOTTE COCK- erels, \$3. Mrs. John Washington, Man- hattan, Kan.

PURE BRED ROSE COMB BUFF WYAN- dotte cockerels, \$2. Mrs. J. W. Crosby, Waldo, Kan.

WHITE WYANDOTTE COCKERELS, \$3 and \$5 each. Mrs. Robt. Greenwade, Blackwell, Okla.

WHITE WYANDOTTE COCKERELS AND COCKS. Breeder 26 years. J. H. Brown, Clay Center, Kan.

PURE BRED WHITE WYANDOTTE COCKERELS, \$1.50. Mrs. N. J. Antram, Galesburg, Kansas.

CHOICE PURE BRED WHITE WYAN- dotte cockerels, \$3 each. Mrs. Chas. John- son, Wamego, Kan.

PURE BRED WHITE WYANDOTTE COCKERELS \$2 each. Mrs. Gertrude Kling- enberg, Gridley, Kan.

REGAL-DORCAS WHITE WYANDOTTES. Cock, cockerels, \$3.00, \$5.00, \$7.00. Eggs, Ira Ives, Liberal, Kan.

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PURE BRED SILVER WYANDOTTE COCKERELS \$2 each. 6 for \$10. J. W. Wat- kins, Brewster, Kansas.

STANDARD BRED WHITE WYANDOTTE eggs. Best laying strains. \$7 per 100. Mrs. H. Taylor, Alma, Kan.

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

CHOICE SILVER WYANDOTTE COCK- erels, \$2.50 to \$5.00. Eggs in season. Mrs. Philip Schuppert, Arrington, Kan.

REGAL STRAIN WHITE WYANDOTTES. Cockerels, eggs and baby chicks. North Willow Poultry Ranch, Coffeyville, Kansas.

CHOICE ROSE COMB SILVER LACED Wyandotte cockerels, \$2. Eggs for hatch- ing, \$5 hundred. Mrs. Will McEaney, Seneca, Kan.

PURE BRED WHITE WYANDOTTE COCK- erels for sale, \$2.00 each. Some Buff Leghorn cockerels, \$1.50. George William, Route 2, Portis, Kan.

PURE WHITE WYANDOTTES, EGGS \$6.50 per hundred. Chicks 15 cents each. Pre- paid. Guarantee live delivery. Order early. James Christiansen, Canton, Kan.

Wyandotte—Eggs

REGAL EXHIBITION WHITE WYAN- dottes, \$2.25 per 15. L. A. Moore, Hiaw- atha, Kan.

COLUMBIAN WYANDOTTE EGGS, EXHIBITION and utility. O. C. Sharits, Box 4, Newton, Kan.

WHITE WYANDOTTE EGGS \$1.00-15 postpaid. Alma and Alta Catherwood, Anthony, Kansas.

PURE BRED WHITE WYANDOTTE EGGS \$1.50 per 15. Rates per 100. Mrs. Chas. C. Miller, White City, Kan.

WHITE WYANDOTTE EGGS \$5.00 HUN- dred. Orders booked. Mrs. Otho Strahl, Route 1, White City, Kan.

WHITE WYANDOTTE HATCHING EGGS. From prize winning stock. Write for prices. S. B. Bachus, Abbyville, Kan.

Wyandotte—Eggs

SILVERLACED WYANDOTTE HATCHING eggs from pen heavy layers and prize winning stock \$1.50-15; \$6.00-100. Mrs. Geo. Phegley, Lincoln, Kansas.

WHITE WYANDOTTES—MARTIN AND Keeler strain direct. Record layers. Closely culled. The kind that please. 100 eggs, \$8.00; 50, \$4.50; 30, \$3.75; 15, \$2.00. Pen eggs, 15, \$5.00; 30, \$9.00. Orders filled promptly. Safe delivery and satisfaction guaranteed. Garland Johnson, Mound City, Kan.

SEVERAL VARIETIES

1949 COCKERELS, HATCHING EGGS, 49 varieties. Free book. Aye Bros., Box 5, Blair, Neb.

SILVER LACED WYANDOTTE COCKER- els \$2.50 each. Colored Muscovy and Rouen ducks trio, \$7.50. Fred Kucera, Clarkson, Nebr.

300 COCKERELS FOR QUICK SALE. Barred Rocks; Brown, White and Buff Leghorns; Anconas; Spanish; Cochin; Lang- shan; Polish and Bantams. Free circular. Prices from \$2.00 to \$3.00 each. Modlin's Poultry Farm, Route 28, Topeka, Kan.

BLACK AND WHITE LANGSHANS, LIGHT Brahmans; Barred, Buff and Partridge Rocks; Anconas and Sicilian Buttercup; cockerels, \$2.50 to \$5.00. Pullets, \$2.00 to \$3.00. Money back guarantee. Order eggs from this ad. Mrs. Elmer Caywood, Ray- mond, Kan.

Several Varieties—Eggs

EGGS FOR HATCHING, QUALITY WHITE Rocks, Buff Orpington ducks, White Guineas, \$1.00 each. Mrs. Chas. Snyder, Effingham, Kansas.

TURKEYS

MAMMOTH BRONZE TOMS \$8; HENS \$6 Mabelle Collett, Liberal, Kan.

PURE BRED NARRAGANSETT TOMS, \$10 Mrs. Everett Booher, Fredonia, Kan.

PURE BOURBON RED TURKEY TOMS \$7 Hens \$5. Mrs. Pearl, Lydia, Kansas.

WELL MARKED BOURBON RED TOMS \$8-\$10. Tom Marsh, Deerhead, Kansas.

MAMMOTH BRONZE TOMS, GOLDBANK strain \$10 to \$15. E. Gaughan, Earleton, Kansas.

NARRAGANSETT TURKEY TOMS \$8. JUNI hatch, 22 to 28 lbs. Joe Dickson, Webster, Kansas.

PURE BOURBON RED HENS \$6. MAM- moth Toulouse Geese \$4. J. R. Slentz, Chase, Kan.

MAMMOTH BRONZE TURKEYS, PRIZE winning stock. Toms, \$12. Mrs. Oscar Morris, Grenola, Kan.

MAMMOTH BRONZE TURKEY EGGS \$4 eleven. Poults 75c. Nona Zimmerman, Milan, Kansas.

PRIZE WINNING "GIANT" BRONZE Turkeys 30 lb., \$20. Ed Lockwood, Kinsley, Kansas.

FOUR WHITE HOLLAND TOMS, \$7 EACH Two year old tom, \$10. Florence Binard, Burlington, Colo.

PURE BRED MAMMOTH BRONZE TUR- key Toms \$10 each. Annie Hoffman, Lysses, Kansas.

MAMMOTH BRONZE TOMS, 20-45 LBS \$10-\$35. Extra vigor and size. Laura Ullom, Lamar, Colo.

BOURBON TOMS \$8 AND \$10. HENS \$4 White markings, big bone. Carrie Yapp, Route 4, Jewell, Kan.

LARGE BONED MAMMOTH BRONZE TOMS 22-30 pounds, \$12.50 to \$15. Mrs. Earl Brubaker, Lamar, Colo.

PURE BRED BOURBON RED TOMS Extra large. Fine markings \$9. Don Hatfield, Alexander, Kansas.

MAMMOTH BRONZE YOUNG TOMS GOLD- bank strain. 26 or 30 lbs. Prices reason- able. Isabell Randall, Ransom, Kan.

IDEAL MAMMOTH BRONZE GOLD BANK prize stock. Young toms now 20-32 lbs. \$10-\$25 guaranteed. W. S. Linville, Lamar, Colo.

BRONZE TURKEYS, GOLDBANK STRAIN sire won first at Topeka state show 1921. Toms, \$12, \$15; pullets, \$8. Minnie Snider, Route 2, Piedmont, Kan.

PURE BRED MAMMOTH BRONZE TUR- key Toms from Madison Square Garden prize winning stock, \$10. One 2 year tom \$25. G. A. Meyer, Park, Kan.

PURE BRED MAMMOTH BRONZE GOLD- bank toms, 20-28 lbs., \$12.50; pullets, 12-17 lbs., \$8. Guarantee satisfaction. Turkey Track Poultry Farm, Wilmore, Kan.

MAMMOTH WHITE HOLLAND TOMS, \$10 to \$15. Hens \$6 to \$9. Heavy weights. Descended from grand champion Pan-Amer- ican poultry show. Yeoman, LaCrosse, Kan.

Turkey—Eggs

NOW BOOKING ORDERS FOR BRONZE turkey eggs and baby turks. Price list free. Red Wing Poultry Farm, Miltonvale, Kan.

POULTRY ASSOCIATIONS

McP

For More Shorthorn Fieldmen

By T. W. MORSE

As a part of its program of retrenchment, the American Shorthorn Breeders' Association has worked out a plan by which the breeders of a certain territory will bear, directly, a share of the expenses of the person serving them, in something of the same capacity in which Shorthorn Association field secretaries have been serving in the past.

On April 1 it is the plan for all of the present force of field secretaries, excepting J. L. Tormey and W. A. Cochel, to be released from the employ of the American Shorthorn Breeders' Association with the expectation that all of them will be considered for district representatives employed direct by the breeders of the districts.

Fourteen districts have been tentatively agreed upon as follows: 1—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, Pennsylvania, New Jersey, Delaware, Maryland; 2—Kentucky, Virginia, West Virginia, Tennessee, Mississippi, Alabama, Georgia, Florida, North Carolina, South Carolina; 3—Texas, Arizona, New Mexico; 4—Idaho, Washington, Oregon, California, Nevada; 5—North Dakota, Minnesota; 6—Colorado, Nebraska, Wyoming, Utah; 7—Montana, South Dakota; 8—Ohio, Michigan; 9—Missouri, Kansas, Arkansas; 10—Oklahoma; 11—Iowa; 12—Illinois; 13—Indiana; 14—Wisconsin.

Miller Buys Angus Cattle

The sale to R. L. Miller, Topeka, of 1,300 3-year-old spayed Aberdeen-Angus heifers is announced at the Kansas City stockyards. Mr. Miller paid \$35 a head, or \$45,500 for the lot.

The cattle, purchased from John M. Shelton, of Amarillo, Tex., are to be delivered to Mr. Miller about the middle of May. Mr. Miller will take the heifers to his farm near Mayetta, Kan., where he now has 1,300 steers on feed.

There are over 6 million farmers in the United States and if they all yell at once, they can be heard a long distance.

If your fields need terraces, build them right now to get the benefit instead of the damage of spring rains.

KANSAS

THE HOME YOU HAVE ALWAYS WANTED 320 acres rich fine land on oiled road; beautiful drive to K. C., wheat, corn, alfalfa, bluegrass, clover grow to perfection, living water, 6 r. house, large barns, cribs, granary, finely located, near two good towns, school across the road, possession, forced sale; \$95 per acre, attractive terms. Where can you duplicate it? See this farm. MANSFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., Kansas City, Mo.

ARKANSAS

6-10-20 ACRE FRUIT and garden tracts. Hayes, Gravette, Ark. BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write Doyel & Alsip, Mountainburg, Arkansas.

COLORADO

C. J. ALLISON, HUGO, COLO. Land of soft water 15 to 30 feet. The alfalfa and corn belt of Colorado. Guaranteed profits if desired. 40 ACRES, Cheyenne Co., plenty good water and outside range, only \$25 a. corn making 35 to 50 bushels per acre, graded No. 1 Kansas City market. Small down payment, balance crop payment. We have others from 20 to 640 acres. Write A. N. Mitchell, 468 Gas & Electric Bldg., Denver, Colorado.

FLORIDA

FOR FLORIDA LAND, wholesale, retail, or exchange, write Interstate Development Co., Scarritt Bldg., Kansas City, Mo. FOR FLORIDA HOMES, fine groves, farms, ranches, timber tracts, colonization lands, exchanges, investment. Write Boyer & Ward, Kissimmee, Florida.

The Real Estate Market Place

CUT IN RATES For Real Estate Advertising New Rates— 45c a line per issue on 4 time orders. 50c a line per issue on 1 time orders. (Rate was 75c a line.)

There are 7 other Copper Publications that reach over a million and a half families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

Special Notice

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

Pay no advance fee; don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

KANSAS

GOOD LYON COUNTY Improved farms, \$60 acre, up. Ira Stonebraker, Allen, Kansas.

160 ACRES, Scott Co., 90 a. cult, \$16 acre. Terms. Box 205, Moundridge, Kansas.

EASTERN KANSAS FARMS, Lyon and Coffey Co. Ed. F. Milner, Hartford, Kansas.

40 ACRES, imp., \$2,100. Exchanges a specialty. Franklin Co. Inv. Co., Ottawa, Kan.

WRITE for list eastern Kan. farms, ranches, The Eastern Kan. Land Co., Quenemo, Kan.

200 ACRES, near Emporia, well improved, \$55 per acre. T. B. Godsey, Emporia, Kan.

160 ACRES KIOWA COUNTY CORN LAND, \$30 per acre. C. F. Wells, Meade, Kan.

FOR SALE—Fine wheat farms and business in Catholic settlement, sisters school, J. S. Schandler, Real Estate, R. 2, Selden, Kan.

320 ACRES, Scott county, unimproved, level, all in grass, only \$20 acre. Terms. Jas. H. Little, LaCrosse, Kansas.

320 ACRES, Scott county, all good land, lays fine, well located, snap at \$15 acre. Terms. Write H. L. Baker, LaCrosse, Kansas.

FOR SALE—160 acres, improved, \$500 cash, balance nine yearly payments. Why rent? G. N. Kysas, Goodland, Kansas.

160 ACRE imp. stock and grain farm, 3 miles to town. \$30.00 per acre. Terms. C. M. Long, Modoc, Kansas.

CREEK and river bottom and upland farms for sale from \$75 per acre up. R. E. Johnson, Hartford, Kansas.

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, Kan.

80 ACRES, improved, creek bottom land, well watered, no overflow, all tillable, close to town and school, \$1,800 down, balance 2 yrs. at 6%. Chas. Vanmeter, Hepler, Kansas.

HOME 460—Two improvements. Extra watered. Fruit. Clear. Sale or rent. 40 Herefords including Don Rupert. Godby, R. 3, Fredonia, Kansas. Other oil farms.

FOR SALE—Improved 40, 80, 120, 160. Priced right. Terms. Possession. Write for list. The Mansfield Land & Loan Company, Ottawa, Kansas.

LAND producing \$100 to \$1,000 per acre, 5 to 40 acre, payments, \$50 to \$300 down. Send for booklet. The Magnolia State Land Company, Iola, Kan.

BUY in northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

200 ACRES, imp., 1/4 mile Dodge City, all bottom land, dairy and truck farm, 2 irrigation plants. Will pay 10% on investments. No trade. W. V. Brown, Dodge City, Kan.

160 ACRES five miles town, near school, good improvements. Price \$37,500 per acre. Write for list and map. Mansfield Investment & Realty Co., Healy, Lane Co., Kas.

40-80-120, all imp., 2 to 8 miles Ottawa. These farms must be sold. Owners will sacrifice, good terms. If you want a bargain come quick. Spangler Land Co., Ottawa, Kan.

210 ACRES, highly improved, 60 a. in wheat; all fine land; 1/2 mi. of town. Write for particulars. Mansfield Land & Loan Co., 312-13 New England Bldg., Topeka, Kan. Phone 261.

IMPROVED QUARTER—\$3,000 \$800 cash, bal. easy terms. 3 miles from town. Half cultivated. Write for information. Griffith & Baughman, Owners, Liberal, Seward Co., Kansas.

CHASE COUNTY FARM, 195—acres, improved. All tillable. 75 acres in wheat, 75 a. in alfalfa. On Santa Fe Trail, 4 miles from county seat. Bargain price. M. B. Replogle, Cottonwood Falls, Kansas.

GOOD FARM 110 A., 45 a. broke, balance in pasture. Good 6 room house, barn, etc. Close to school. Near county seat, Fredonia, Kansas. Bargain at \$6,000. Terms. C. F. Stryken, R. F. D. 2, Fredonia, Kansas.

WE WILL SELL twenty farms, quarters, half sections and sections on the thirty-two year 7% amortization plan. First come gets choice location. Write for our list of these farms, prices and terms of payment. King Realty Co., Scott City, Kansas.

FOR SALE—25 acres under irrigation, one mi. south of Cimarron, Kan. House, barn, garage, chicken and hog houses and irrigating plant. \$2,000 worth of tomatoes has been sold from one acre of this land. Price \$4,000. \$2,500 will handle it. If interested write. O. H. Simpson, Dodge City, Kansas.

BEST IMPROVED FARM EASTERN KAN. Square section, Allen Co. Smooth, 1/2 cult. \$25,000 imp. Adapted registered stock. Price \$80,000. Inc. \$30,000. first loan 9 years. Balance reasonable terms. Might take half good exchange. Write for description and picture. Iola Land Co., Iola, Kan.

WHY RENT? Have 80 for sale, eastern Riley Co. 4 1/2 miles station and small town. Tel., mail route, school close, good wells, good orchard, good grass, hog pasture, 8 room house, plenty fair imp. \$80 a. 55, plow and alfalfa, 25 grass. Come see it. Don't write. Ernest B. Newell, Manhattan, Kan.

ARIZONA

TWO HIGHLY IMPROVED 20 acre irrigated farms for sale. Ideal for fruit, grape growing, chicken raising. Mild climate. Railroad and highway. L. Walloth, Postville, Ariz.

MISSOURI

BARGAINS IN FARMS, large and small. Easy terms. Frank Ashmore, Nevada, Mo.

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

FREE LISTS about Ozark farms. Write Roy & Stephens, Mansfield, 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.

POLK COUNTY FARM—120 acres, 6 miles out, splendid schools, 90 a. cultivated, part bottom, small house, well watered, \$35 acre. \$1,000 cash. West Realty Co., Bolivar, Mo.

260 ACRES, Polk county; 8 room house, big barn, 150 cultivated a rich bottom, well watered. Snap at \$40 per acre. T. A. Fritchard, Humansville, Mo.

MISSOURI, \$5 down, \$5 monthly buys 40 acres truck and poultry land near town southern Missouri. Price \$200. Send for bargain list. Box 276, Springfield, Mo.

MISSISSIPPI

LEVEL PECAN, garden and farm land, ten to fifty dollars. Peormans Cal. A. M. Rayl, Stateline, Mississippi.

MONTANA

GALLATIN Valley farms and stock ranches. Write Buell-Hines & Berthof, Bozeman, Mont.

TEXAS

40 ACRES of Rio Grande Valley irrigated land, 6 miles north of San Benito, Texas, on interurban road. Write owner. Elder Merc. Co., Plains, Kansas.

REAL ESTATE WANTED

WANTED—To hear from owner of land for sale. O. K. Hawley, Baldwin, Wisconsin.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Columbia, Missouri.

REAL ESTATE WANTED—Have you a farm, city or town property, hotel or rooming house or a business of any kind for sale or exchange? We have a large number of buyers wanting to trade and if you have any kind of real estate to exchange, write me at once, giving full description of property. John D. Baker, DeQueen, Arkansas.

FOR SALE OR RENT

FOR SALE OR RENT—3 imp. wheat farms, 320, 400, 700 a. near Dodge. Wheat and spring crop on each. Will sacrifice. Terms. Possession. J. F. Harris, Dodge City, Kan.

SALE OR EXCHANGE

S. W. MO. farms, bargains. Sale or exchange. A. L. Pemberton Farms Co., Bolivar, Mo.

FARMS and city property, sale and exchange. Write H. A. Lee, Box 216, Nevada, Mo.

FARMS, city property, suburban homes. Sale or trade. Soule & Pope, Emporia, Kansas.

WILL EXCHANGE clear western Kansas land for young cattle, mares or mules. C. G. Cochran & Sons, Hays, Kansas.

FOR SALE OR TRADE

Improved eastern Kansas farms, \$75 up, city property and merchandise. What have you? S. A. E. Moore, Carbondale, Kansas.

1 PUREBRED Belgian stallion, 5 yrs. old, 1 mammoth jack with light points. Exchange for livestock, property or mds. What have you? R. B. Sickler, Ex. 397, Waverly, Kan.

SECTION—2 mi. Matheson, Colo. Improved, 100 a. wheat, equity \$19,000. Want mds. or income Coffey Co. farms for income mds. Phillips Land Co., Burlington, Kansas.

240 ACRES in southeastern Idaho, 60 a. broke, 160 a. fenced, good black soil. This is good beet land. Will sell for \$30 per a. or trade for good improved 80 in eastern Kansas. Write to G. H. Piper, Manhattan, Kan.

FOR EXCHANGE—160 a., 4 mi. Lone Elm, Anderson Co., 1/2 cult., 1/2 grass. Good new imp. Price \$16,000; loan \$6,000 long time 6%. Want cheap land, city property or merchandise. Box 307, Iola, Kansas.

FOR SALE—1,440 acres, stock and grain farm, 4 1/2 mi. town, Logan Co. 270 a. in wheat. Terms, possession or trade 160, 70 a. in wheat, for good residence, or take 15-30 tractor as part. E. O. Lewis, McAlester, Kan.

HIGHLY IMPROVED Iowa farm, 490 a. in Davis county. 2 sets of improvements; plenty of good water, excellent soil. Owner wants to trade for ranch in Kansas. For full particulars write to Mansfield Investment Co., Lawrence, Kan.

TRADES—TRADES—TRADES

Describe your property. Tell me what you want. Get my list. Prompt service. Reasonable commissions. No deal, no pay. Trade quick with C. M. Kelley, The Land Man, Box 153, Beaver City, Nebraska.

SALE OR TRADE

640 acres, square section, all in grass, fenced. Well with windmill, plenty good water, 4 miles of town, some of the best land in Lane county, Kansas. Would make a fine stock or grain farm or wheat tractor farm. Price \$35 per acre. Mortgage of \$4,000. Will consider trading equity for central Kansas improved smaller farm. J. B. Cramer, Dighton, Kansas.

MISCELLANEOUS

SELL, BUY OR EXCHANGE, farm or city property, quickly, no matter where. Circular "B" free. Farm Sales Bureau, Barry, Ill.

LAND and improved Ozark farms in Mo., Kansas, Okla. and Ark. Write for list. Four States Realty Co., Joplin, Mo.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

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. Berly, 61 Northern Pacific Ry., St. Paul, Minn.

Farm & Ranch Loans

Kansas and Oklahoma' Lowest Current Rate Quick Service. Liberal Option. Interest Annual or Semi-Annual. THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

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KANSAS FARMER and MAIL & BREEZE Topeka, Kansas

RATES. 45c a line per issue on 4 time orders 50c a line for 1 time

Enclose find \$..... Run ad written below times.

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Form with lines for entering details of the advertising order, including name, address, and other information.

Six ordinary length words make a line.

DURING the last four weeks many conventions and conferences of farmers, and prominent trade bodies have been held with a view to ascertaining the sentiment of the country concerning the business and farming outlook and also for the purpose of taking all possible steps for improving the situation. So far as can be learned the general impression is that the worst that could happen has already come and gone. With the approach of spring there appears to be plenty of employment for those who are competent and willing to work.

One of the most important of these farm meetings was the National Agricultural Conference called at Washington by President Harding. In opening the conference President Harding urged a thoro code of law and business procedure with the proper machinery of finance thru some agency to insure that turnover capital shall be as generously supplied to the farmer and on as reasonable terms as to other industries.

The President suggested an amplification of the machinery of the farm loan board and the adoption of the plan of European rural finance societies.

For Co-operative Marketing

The organization of farmers to help themselves, Mr. Harding strongly urged. He reiterated his indorsement of legislation which would legalize co-operative marketing, citing the experience of other countries as demonstrating that organized marketing by producers benefits both the farmer and the consumer. It makes "the farmers' selling price higher and the consumer's buying price lower," he said.

To aid the farmer, transportation facilities must be increased, Mr. Harding said, and to accomplish this end he suggested the electrification of railroads, to reduce such waste as the hauling of coal for transportation purposes and the development of waterways.

Wallace Urges Action

Secretary Wallace suggested that constructive effort should be made in three fields, that of legislative action, that of administrative and educational action, national and state, and that of action by farm organizations.

Farm organizations everywhere agree that in addition to the legislation passed by Congress to help agricultural industry plans must now be worked out by farmers to reduce the cost of producing and marketing crops and other farm products. Steps already have been taken to work out better and less expensive systems of marketing and the American Farm Bureau Federation deserves much credit for the good work its officers have done along that line. The agricultural states and the farmers must now get busy and work out plans for cheapening the costs of production and eliminating unnecessary expenses.

Better Planting Methods Needed

Better cultural methods and the selection and planting of better seed will prove big factors in helping to reduce the cost of production. The Kansas Crop Improvement Association is performing a great service for the state in its efforts to collect and distribute pure seed of adapted varieties of crops among the Kansas farmers.

J. J. Bayles, extension crops specialist, in urging the use of good seed, says: "There is probably no other one thing which will give such large returns for the money spent as the planting of good seed of adapted varieties of the various crops. The question of seed has not been given the attention it deserves. It certainly is not economical to plant seed which will not germinate more than 50 per cent, nor is it good policy to buy seed without knowing something about the conditions under which it was grown. Most crops adapt themselves gradually to their surroundings and will not do their best when these conditions are radically changed."

Mohler Asks Pure Seed Law

A pure seed law is needed very much in Kansas to protect farmers against the possibility of getting a poor and inferior quality of seed. In a recent address to farmers at the Kansas State Agricultural College, J. C. Mohler, secretary of the Kansas State Board of Agriculture said:

"There is no question that Kansas needs a so-called pure seed law. As it is Kansas may be considered as a dumping ground for bad seeds. The

Farmers Demand Pure Seed

Better Planting Methods Lower Production Costs

BY JOHN W. WILKINSON

states on the four sides of it have seed laws. A natural conclusion is that seeds rating so low in quality as to be practically unsalable in neighboring states, may be marketed in Kansas as A-1 inasmuch as we have no legal protection against such practices, and neither have we such protection with respect to purchases within the state. In our neighboring states the farmers know what they are buying, for with all seeds offered for sale must go a statement of purity and the percentage of germination. It is not too much to require that vendors of seeds sell them for just what they are.

"The effect of a seed law should result in increasing quality and yields of crops, and serve as a protection against the introduction and spread of noxious weeds, which are a bane of agriculture. Poor seeds mean poor crops. Foul, impure seeds can pollute the land and make trouble for years to come. Fertile soil, thoro tillage, sunshine and showers never atone for the absence of quality in seeds. Men do not reap alfalfa from sowing dodder, nor do they harvest wheat from sowing cheat."

County Crop Conditions

Crop conditions in Kansas show very little change from last week. Thruout most of the state the weather has been dry and unfavorable for the best development of wheat. Farmers are divided in their opinions concerning the actual condition of wheat in Western Kansas. Some think that the spring rains when they come will re-

vive the wheat which is now in a dormant condition, while others think that the wheat is "killed out" and that its acreage will have to be planted to other crops. Local conditions of crops, livestock and farm work are shown in the following county reports to the Kansas Farmer and Mail and Breeze:

Allen—Feed is plentiful and all kinds of livestock are in excellent condition. Farmers, generally, feel that they are going to receive better prices for their products. Butter is worth 20c; cream, 21c; corn, 26c and eggs are 23c.—T. E. Whitlow, February 4.

Atchison—The fall and winter season so far have been the driest seasons we have had for years. There is a difference of opinion among farmers as to the condition of the wheat crop. Some think the dry weather has hurt it while others say that the dry weather has prevented it from freezing out. However, it does not show up very well a the fields lack the usual green tint. The winter has been mild so far and all kinds of livestock have been easily cared for and are in good condition. Public sales are numerous.—Alfred Cole, February 4.

Chase—We are having drizzly weather and indications are that we will have more moisture. We have had very little moisture this fall and winter, and this has been an excellent winter for feeding stock. Wheat is in fair condition. Hogs are scarce and are in demand. There is a considerable amount of feed for sale. Corn is selling for 45c.—F. O. Pracht, February 4.

Cherokee—We are having excellent winter weather and have had snow on the ground for a week. The coldest was 8 degrees below zero. There has been much sickness thruout the county during the last two weeks. All kinds of livestock are in good condition. A large number of hogs and cattle are being shipped out. Hogs are worth 7c and cattle are very low.—L. Smyres, February 6.

Dickinson—We have had a week of real winter weather and a few snow flurries but not enough moisture to help the wheat much. The freeze has been very hard on the wheat. The plant is dormant and, I

think, with favorable weather will produce a good crop. A considerable amount of wheat is going to market at \$1 a bushel. Farmers are eager for spring to come. We did not do much last year but are going to raise a bumper crop this year.—F. M. Lorrison, February 6.

Elk—Drizzly, damp and rainy weather has caused snow to disappear. Rain is very welcome and very much needed for the wheat as well as stock. Many farms are wanted and indications are that they will be taken. Corn is worth 45c; cream, 23c and eggs are from 20c to 25c.—Charles Grant, February 4.

Finney—We are having excellent weather and wheat is satisfactory. Cattle are in a healthy condition. Hogs are selling from 6c to 6½c; eggs are 22c and cream is 22c; butter from 20c to 25c.—Max Engler, February 6.

Gray—We are having excellent weather but are in need of moisture/very badly. Some of the wheat which looked excellent up until Christmas now is nearly gone and the late sown has not germinated. In 1913 my last sowing drilled the last week in November did not show until spring and yielded 40 bushels an acre while that in the same field sown September 10 made fine pasture all winter and yielded 16 bushels an acre. Cream is worth 22c; corn, 33c; kafir, 60c; wheat, \$1 and eggs are 24c.—A. E. Alexander, February 6.

Greenwood—We have had nearly 5 inches of snow since January 20 which is excellent for the wheat. We have had excellent weather so far this winter. Roads are better than they have been for some time. Some plowing has been done but the ground is very dry and hard. Feeding and choring take the farmers' time at present. Hogs are scarce. Eggs are worth 27c and corn is 45c; wheat, 90c.—John H. Fox, February 6.

Hamilton—We have had very little moisture and the wheat and rye are badly in need of it. The condition of the wheat is not 50 per cent normal, and where the fields are practically smooth and level seed is nearly all dead. Wheat is in the best condition where the ground has been listed properly. All kinds of livestock are in excellent condition. Feed is plentiful. Prices for produce are too low for profit, except in a few instances. Eggs are worth 25c; calves coming yearlings from \$10 to \$16; hens, 11c; springs, 18c; and butter is 40c; wheat, 95c; barley, 45c; maize, 75c; dressed pork, 9c; coal from \$10 to \$12; hay, \$6 to \$10.—W. H. Brown, February 4.

Haskell—All kinds of livestock are in fair condition. Not many public sales are being held as conditions are not favorable. The weather is changeable and dry. Land buyers are looking at land. Grain is being marketed.—H. E. Tegarden, February 6.

Jackson—We are having excellent weather but it is very dry. Wheat seems to be alive but it is too early to tell the outcome. All kinds of livestock are in excellent condition. A few public sales are being held. There is a good demand for hogs at a fair price. Corn is worth 23c; wheat, \$1 and hogs are \$8.50.—F. O. Grubbs, February 4.

Jewell—We are having excellent winter weather but it is very dry. The outlook for wheat is very discouraging and with all farm products at the bottom in price farmers are buying as little as possible. Stock water is scarce. A few farm sales are being held. Corn is worth 31c; wheat, \$1; cream, 23c and eggs are 25c; oats, 25c.—U. S. Godding, February 4.

Leavenworth—The recent zero weather has been hard on the wheat as very little snow was on it. The entire winter has been favorable for farm work and feeding. Some wheat is being sold. Very little corn is being marketed. A few closing out sales are being held.—George Marshall, February 6.

Linn—On January 23 we had a 3-inch snow and on January 26 we had another snow. Farmers are not very busy this cold, freezing weather. They are choring and cutting wood. A few cases of smallpox have been reported but no other contagious diseases have appeared. All kinds of livestock are in excellent condition. Hogs are being shipped out every week. A sale is held every week and nearly everything brings satisfactory prices. No drilling has been done recently. A few wolf hunts are being held. No ice has been put up here but it seems thick enough to harvest. Eggs are worth 30c; shorts, \$1.44; potatoes, \$1.40 and flour is \$1.88; wheat, 35c; corn, 35c; butter, 20c.—J. W. Chinesmith, February 4.

Lyon—We had a few days of zero weather recently. It is cold and dry for a change but the weather has moderated some. Roads are excellent. Wheat is satisfactory and indications are that it will make a good yield. Farmers are cutting wood. Kafir, corn, and hay are being marketed. Feed is plentiful and all kinds of livestock are in excellent condition. Eggs are worth 26c; and corn is 48c; butter, 27c; wheat No. 1, \$1.—E. R. Griffith, February 6.

McPherson—The early sown wheat is excellent. The fields are covered with a good dust mulch and freezing weather will not do any damage. Feed is scarce in this county and all kinds of feed are being shipped here. Many farmers have sold nearly all the livestock they had except a few milk cows. There are a few demands for bred sows. The farmers think they are not getting a square deal.—John Ostlund, Jr., February 4.

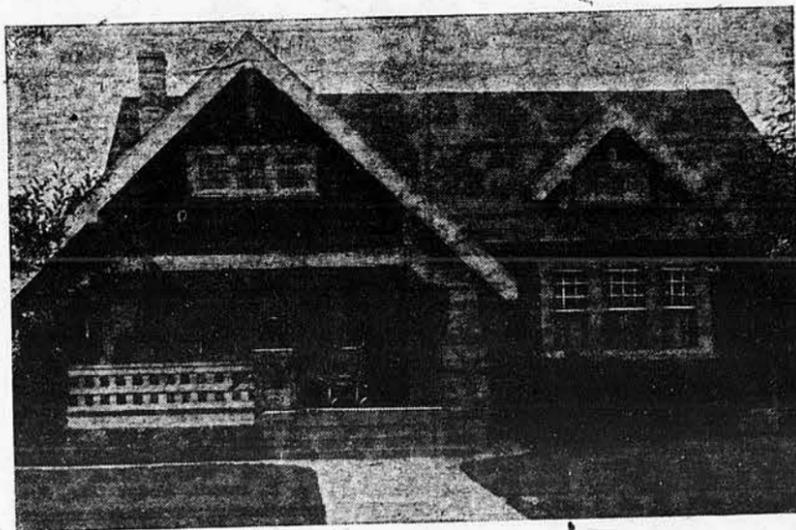
Phillips—Dry weather still continues and it is also very cold and windy. A storm has been threatening for some time but so far no moisture has come. All kinds of livestock are in excellent condition. A few horses are dying with blind staggers. Cattle are a better price than they were a month ago and a few are being shipped out. Hogs are worth \$7.50; eggs, 20c and corn is 33c; wheat, \$1; flour, \$1.75; butter, 25c; cream, 26c.—J. M. Jensen, February 6.

Rawlins—The last two weeks have been very dry and cold. It has been good winter to put up ice. Farmers are marketing a considerable amount of wheat. Growing wheat needs moisture very much. It has not been so dry this time of year for many years. In some parts of the county wheat looks fair but most of it is very discouraging.—J. S. Skolout, February 4.

Rooks—Cold, dry weather still continues. Many people have the influenza and complications. A representative of the Capper Publications has been canvassing the county. The farmers co-operative societies are proving a great success. Very few sales are being held. Corn is worth 25c; butterfat, 22c; wheat, 90c and eggs are 28c; oats, 30c.—C. O. Thomas, February 6.

Stafford—Dry weather still continues and the temperature has been near zero the last week. Wheat prospects have not improved any as moisture is needed for growing wheat. There is very little corn to be husked. All kinds of livestock are in good condition and very few losses have been reported. There is no surplus of rough feed. Alfalfa is worth from \$6 to \$12 a ton;

A Cozy Home For a Small Outlay



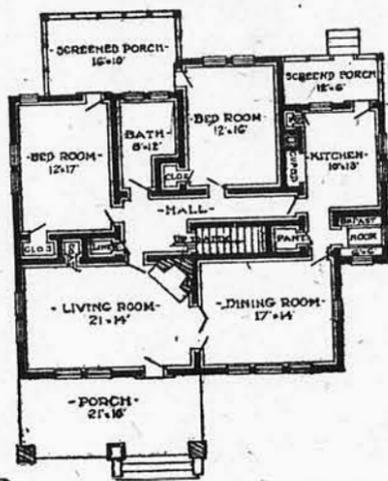
THIS trimly built little home would appeal to nearly anyone. Its hospitable appearance would almost make friends for its inmates. Its big comfortable living room looks quite as hospitable as its big inviting front porch. Its dining room, joining the living room thru wide French doors, looks toward the front yard instead of the back or side yard, yet is not removed from the kitchen except by the usual small passageway between pantry and breakfast nook. The breakfast nook is so placed that informal guests may be served there without having to be led into the kitchen or thru other more or less private parts of the house. This breakfast nook also looks toward the front.

Both bedrooms open onto a big comfortable screen porch which may be used as a sleeping porch, from either bedroom or from any other part of the house. The abundance of closets and cupboards provides a place for everything.

The high roof makes it possible to turn the great big attic into another story of three or four comfortable rooms if the builder should so desire.

It is our endeavor to obtain designs for this department which embody the most in character, comfort and general convenience for the house-keeper; for the least cost. We believe that the money required to build this house could hardly buy more in the way of these features.

Please note that we have no booklet of plans and can supply only those designs which have appeared in this magazine. This is design No. 1,260; complete plans and specifications will be sent on receipt of \$15 by Home Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.



The bath room is equally accessible

wheat, \$1.04; corn, 38c.—H. A. Kachelman, February 4.

Stevens—We have had an excellent winter so far, but very little snow and not much rain. However, wheat is growing satisfactorily. A few farmers are not thru drilling yet. Farmers are optimistic concerning the

HEREFORD CATTLE

Dispersion Sale ANXIETY HEREFORDS 100 Splendid Females 50 With Calves at Foot

Sale Pavillon, Council Grove, Kan. February 21, 1922

Calves sired by and all mature females bred to Double Stanway 689782. In the sale of this bull we offer a real opportunity to anyone needing an outstanding bull. 14 two-year-old heifers bred to Double Stanway, 17 yearling heifers by Double Stanway and Quinto, a good son of Domino. A dispersion sale affording remarkable opportunities to the buyer of real Herefords. Big sale catalog ready to mail. Address,

Cripe & Runbeck Council Grove, Kan.

WANTED HEREFORDS

For either 320 acres of very fine land in Lyon county or 480 acres of excellent stock and grain farm in Wabaunsee county, with silo, sheds, barns, small house, plenty of water, 380 acres in extra good grass, balance in plow land. Will exchange equity in one or both for Hereford cows and heifers. If your cattle are priced in line, we can trade. Will take up to \$40,000.00 in cattle. Write or see J. H. Lee, 824 Kansas Ave., Topeka, Kan.

Western Kansas Bulls

100 Hereford bulls, yearlings and two years old. 50 Shorthorn bulls, same ages. Part of them at Fort Collins, Colo., and the rest at the home ranch Hays, Kan. Write at once for descriptions and prices. C. G. COCHRAN & SONS, HAYS, KAN.

Hereford Bulls

Ten beefy, blocky, heavy boned yearlings by Bright Gaymore out of Anxiety 4th cows. Splendid heads, horns, and coats. Can supply car load for use. R. L. WHITSETT, HOLDEN, MISSOURI

ONE HEREFORD BULL ROMULUS for sale, calved March 9, 1920. Sired by Polled Prince 9th 382901, wt. 2300. Dam Lalola 699855. W. M. ZIEBER, Pawnee Rock, Kan.

SHORTHORN CATTLE

PUBLIC SALE

Shorthorns Poland Chinas at the farm near Lancaster, Kans., February 15

Scotch topped cows and heifers, some of them with calves at foot. One yearling bull. Included is my herd bull, Imp. Lord Alexander, a wonderful bargain for someone. 15 big type Poland China sows, bred for spring farrow. Write for catalog. Address,

H. C. GRANER, Lancaster, Kans. 14 Miles Northwest of Atchison

1886 1921 Tomson Shorthorns Sires in Service

Village Marshall Marshall's Crown A remarkable collection of breeding cows of most approved blood lines and noted for their uniform thick fleshing qualities.

We offer a choice lot of young herd bulls of the correct type sired by Village Marshall and Marshall's Crown. Closely related to our prize winners. Address TOMSON BROS. WAKARUSA, KAN., OR DOVER, KAN.

SHORTHORNS

Shorthorn herd bulls for sale. A number of choice young bulls and Idlewild Rex by Royal Rex 3rd, a select lot of females, and a number of Duroc bred pigs. Write or visit EDWARD F. GEHLEY, ORLEANS, NEBR.

Shorthorn Bulls

Reds, whites and roans. Scotch and Scotch topped. Write your needs and come and see us. W. TAYLOR, ABILENE, KANSAS Dickinson County

DAIRYMEN

Small herd of young reg. Shorthorns, choice and well bred, will trade for herd of registered Holsteins. E. E. FERGUSON, VALLEY FALLS, KANSAS.

3 Year Old White Scotch Shorthorn Bull for sale, or exchange for cows or heifers. M. C. POLLARD, CARBONDALE, KANSAS

coming year. The roads are excellent. Wheat is worth \$1; corn, 35c; butterfat, 23c; butter, 22c and eggs are 20c; fat hogs, 7c.—Monroe Traver, February 4.

Wabaunsee—Dry weather still continues. It has been cloudy and foggy and we have had a few snow flurries. Cattle are in excellent condition. Wheat looks very discouraging. Eggs are worth 24c; wheat, \$1.05; corn, 45c; butter, 15c; cream, 23c and oats are 35c.—G. W. Hartner, February 4.

Woodson—We have been having a considerable amount of zero weather and snow recently. This snow will help the wheat considerably but more moisture is needed. Farmers are cutting wood. A few sales are being held but prices are not satisfactory and the terms are cash.—E. F. Opperman, February 6.

Some Shorthorn Milk Records

BY T. W. MORSE

Recounting each month's performances in Milking Shorthorn cows, an interesting letter goes out monthly from the office of Roy A. Cook, secretary. Among the mature cows giving 40 pounds or more of butterfat for October were the cows mostly owned in the Central West. In the list of cows 5 years old or more were the following: Lucky Girl, N. Saltonstall, Canton, Mass., 55.025 pounds; Violet Knight 2nd, Oaklawn Stock Farm, Lime Springs, Ia., 53 pounds; Ury of Pine Valley, Pine Valley Farm, Colorado Springs, 48 pounds; Pure Roguish Eyes 2nd, O. M. Healy & Sons, Muscatine, Ia., 42 pounds; Buttercup Belle, Dwight A. Smith, Salmon, Idaho, 41 pounds; Senorita, J. B. Benedict, Littleton, Colo., 40 pounds; Gipsy, Palmer Farm, Euclid, Minn., 40 pounds.

Among the 4-year-olds are, Fairy Face, W. C. Tegtmeyer, Denver, Colo., 40 pounds.

In the list of 3-year-olds are, Rose, Murray Farm Company, Wadena, Minn., 49 pounds.

Violet Knight 2nd is the heaviest cow in the list, weighing 1,900 pounds.

Buttercup Belle, the Idaho cow in the list, was grand champion at the Montana State Fair at Helena last year. Fairy Face, a Colorado entry, is a naturally polled cow, bred by the State Industrial School at Golden. Pure Roguish Eyes 2nd, Mr. Healy's cow, is of pure Bates breeding.

Butchering Day is in Season

(Continued from Page 15)

and a bit of powdered borax to keep away insects, and hung up for smoking.

If the dry-salt method is used let the meat cool thoroly, when it may be salted down on a wide bench made along the sides of the smokehouse or in shallow boxes, preferably only one layer deep. Rub plenty of salt into all fleshy parts of the meat, pack as closely as possible, and fill all cavities with salt. Meat should remain in salt for four to eight weeks according to size of meat and to weather during the process. Salt will not penetrate frozen meat. If the temperature remains low enough to keep the meat in a frozen condition allowance must be made for this. It is best to avoid butchering during severely cold weather as it makes the work very uncomfortable, and the meat does not cure nearly so well. It also often happens that warm, damp weather follows before the meat has taken salt, and spoiling is the result. A cool, frosty morning with a clear sky is ideal weather for butchering.

The Livestock Service of the Capper Farm Press

Is founded on the Kansas Farmer and Mail and Breeze, the Nebraska Farm Journal, the Missouri Ruralist and the Oklahoma Farmer, each of which leads in prestige and circulation among the farmers, breeders and ranchmen of its particular territory, and is the most effective and economical medium for advertising in the region it covers.

Orders for starting or stopping advertisements with any certain issue of this paper should reach this office eight days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding animals, can obtain any required information about such livestock or about advertising, or get in touch with the manager of any desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:

- W. J. Cody, Topeka, Kansas, Office. John W. Johnson, Northern Kansas. J. T. Hunter, So. Kan. and N. W. Okla. J. Cook Lamb, Nebraska. Stuart T. Morse, Oklahoma. O. Wayne Devine and Chas. L. Carter, Missouri. George L. Borgeson, N. E. Neb. and Ia. T. W. Morse, Director of Livestock Service Kansas Farmer and Mail and Breeze Topeka, Kansas



LAST CALL!

Fifth National Shorthorn Congress Show and Sale

Headquarters, Stock Yard Inn

Chicago, International Exposition Building, February 21-22-23, 1922

100 Herd Sires and 200 Select Females will be sold after the awarding of the prizes. Don't miss it. Speaking programs, dinners, music and moving pictures are features of the program.

AMERICAN SHORTHORN BREEDERS' ASSOCIATION,

F. W. Harding, General Executive. 13 Dexter Park Ave., Chicago, Ill.

Holstein-Friesian Ass'n of Kansas

Has a membership of 500 breeders who own over 7,000 purebred Holsteins. March 22—Kansas State Association Sale, new sale pavilion, Topeka, Kan. June 8-9-10—National Association Sale, Convention Hall, Kansas City, Mo. Walter Smith, Pres., Topeka. W. H. Mott, Sec'y-Treas., Herington, Kan. This section is reserved for members of this association. For rates and other information address, Capper Farm Press, Topeka, Kansas.

WAKARUSA FARM HOLSTEINS

Nicely marked registered Holstein bull calves, some from A. R. O. dams. Price \$35 to \$50. Also three bulls ready for service. Write for description and photo. Reynolds & Sons, Box 52, Lawrence, Kan.

Corydale Farm Herd Holsteins

Bulls old enough for service, from A. R. O. dams at hard time prices. Write for information. L. F. CORY & SON, BELLEVILLE, KAN

COWS AND BRED HEIFERS

to freshen this fall and early winter, Ormsby and Glista breeding. J. P. MAST, SCRANTON, KANSAS

FOR SALE VERY REASONABLE

12 cows, 5 two yr. old heifers, 4 yearling heifers. 4 heifer calves 1 to 6 months old. Herd bull, nearest two dams milk 23,000 lbs. Butter 1040 lbs. Other bulls ready for service. R. E. STUEWE, Alma, Kan.

BRAEBURN HOLSTEINS

Bulls: two yearling choice fall calves; by Count College Cornucopia, out of daughters of Walker Copia Champion and Korndyke Butter Boy, Jr. Time, if needed. H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

REGISTERED HOLSTEINS

Bulls 2 months to 16 months old. Price \$25.00 to \$60.00. Sired by a 30 pound bull, dams heavy milkers. State age of bull wanted when writing. V. E. CARLSON, FORMOSO, KANSAS

SOME CHOICE BRED HEIFERS

Bred to our junior sire, a son of King Segis Pontiac Count. Bull calves from this sire at attractive prices. Ask for photos and breeding. W. H. MOTT, HERINGTON, KANSAS

BULLS—2 WEEKS TO YEARLINGS

by King Segis Pontiac Repeater by King Segis Pontiac and out of A. R. O. dams. 2 bulls are out of my state record cow, Lillian Korndyke Sarcastic. T. M. EWING, INDEPENDENCE, KANSAS

YOUNG BULL

nearly ready for service by a 30 pound sire and out of a 20 pound two year old dam. A bargain if you write soon for photo and price. W. E. ZOLL, RT. 6, LEAVENWORTH, KANSAS

KING PONTIAC MUTUAL SEGIS

Bulls, calves to long yearlings. Priced right. Baled everything offered for sale. Tuberculin tested herd. Herd sire, King Pontiac Mutual Segis by the great King Segis Pontiac. Cleland & Williams, Hiattville, Kan.

Collins Farm Ormsby Jane King

More white than black yearling, ready for service. Sired by Vanderkamp Segis Pontiac. Dam and A. R. O. daughter of 46 pound Ormsby Jane King. Write for valuable information. Collins Farm, Sabetha, 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 W. H. MOTT, HERINGTON, KAN.

HOLSTEIN CATTLE

Shungavally Holsteins

We are offering two extra fine young bulls ready for service, dams Walker Copia Champion daughters with both 7 days and 10 months record as two year olds; 461.21 pounds butter, 11513.2 pounds milk and 532.27 pounds butter, 11052 pounds milk respectively. One dam has freshened as a two year old with 25.48 pounds butter and 442.7 pounds milk in 7 days. IRA ROMIG & SONS, TOPEKA, KAN.

Beautiful, Well Marked Holstein Bull Calf

from purebred High producing cow and Registered Holstein sire \$20.00 F. O. B. Galtzy, Okla. Satisfaction guaranteed. Leo Mahaffey, Galtzy, Oklahoma.

Registered Holstein Bulls

Well marked, 1-yr.-old well developed calves 2 and 3 mo. old. Sired by U. S. Korndyke Johanna Segis. Bargain prices. Westview Farm, D. Clinkenbeard, Wetmore, Kan.

REGISTERED HOLSTEIN BULLS

All ages. Special prices on baby bulls. L. L. Grossnickle, Onaga, Kan.

HOLSTEIN & GUERNSEY CALVES, 7 weeks

old, 81-32nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$45. Edgewood Farms, Whitewater, Wv.

JERSEY CATTLE

Hillcroft Farms Jerseys—headed by Queens.

Fairy Boy, pronounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 86 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet M. L. GOLLADAY, PROPR., HOLDEN, MO.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 3 yrs. Some have large register of merit records. Others on test now. Many state Fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited. R. A. GILLILAND, DENISON, KANSAS

Scantlin Jersey Farm, Savonburg, Ks.

Financial Kings, Raleigh and Noble of Oakland breeding.

JERSEY BULLS, October to yearlings.

Hood Farm breeding. Selling so you can handle them. Percy Lill, Mt. Hope, Kansas.

ANGUS CATTLE

ANGUS BULLS, SERVICEABLE AGES

We have six registered bulls, several herd headers, including one tried sire, also a double bred Trojan Erica, a grandson of Earl Eric of Ballindallock and a Queen Mother sired by Blackcap Poe. Federal tested. WYCKOFF BROS., LURAY, KANSAS

ANGUS BULLS

18 from 12 to 18 months old. 12 that are from six to 10 months old. Real herd headers. J. D. MARTIN & SONS, Lawrence, Kan.

AYRSHIRE CATTLE

REGISTERED AYRSHIRES

A small foundation herd to be closed out. Sale at the farm, two miles north of Kelso, Kan., Morris county.

Kelso, Kan. Monday Feb. 20

Six registered cows, four fresh, two to freshen in the spring. One herd bull three years old. Two young bulls ready for service. One bull calf, one heifer calf. Foundation of this herd bred by school for deaf, Flint, Michigan. Catalog ready to mail.

A. C. Brown, Kelso, Kan.

AYRSHIRE BULL CALVES

Grandsons of Armour, Melrose Good Gift and Voca 5th, a 21,000 lb. cow, at bargain prices and easy terms. SUNRISE DAIRY, VALLEY FALLS, KANSAS

RED POLLED CATTLE

You Can Buy Red Polled Bulls

of serviceable ages from the Springdale herd with quality and breeding priced as a dispersal sale. Also choice matrons and heifers. Write for descriptions and prices to T. G. MCKINLEY, ALTA VISTA, KAN.

Maple Lawn Red Polls

Choice yearling Red Poll bulls, priced reasonable. Ferrigo Bros., Parker, Kansas.

Choice Red Polled Bulls and Females

All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

Pleasant View Stock Farm

Registered Red Polled cattle. For sale a few choice young bulls, cows and heifers. Halloran & 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.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

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Purebred stock sales, land sales and big farm sales. Write or phone as above.

SUTTER LAND AUCTION CO., Salina, Kan.

can turn your land and livestock into immediate cash. Bank reference by return mail.

Hunt's Annual Spotted Poland Sale

Paola, Kan., Saturday, Feb. 25

45 Bred Sows and Gilts and 3 Trios

Sires at the head of the Hunt herd are: LEOPARD KING, 1918 world's junior champion; FAIRHOLMES ROYAL BOOSTER by 1918 world's grand champion; GREY ASH CHIEF by Chief's Best out of Grey Ash G.; and KANSAS MONARCH. Most of the offering is sired by or bred to these boars. Some are by Gen. Foush, Spotted Chief, Booster King, O. Wonder H., Chief's Best, and Sartain Boy and some are out of Arb Spotted Ester, O. and K's Pride, Y's Royal Princess 2nd, Golda, Spotted Dainty, Mo. Sue, and Miss Gates.

Every hog in the sale will be well conditioned, high backed, and deep sided. A majority of the yearlings have been well matured before breeding.

A Grey Ash gilt, a good one and a real prospect bred to Leopard King, sells. A large number of herds in the west and southwest started from foundation animals from the Hunt herd. Experienced breeders of Spotted Polands, regardless of location, know that the Hunt herd, the oldest established Kansas herd with its more than 25 years of constructive development in the hands of the one careful breeder, is one of the best herds in existence.

The experienced Spotted Poland breeder will find in the offering the toppy improved kind that will make creditable additions to his herd and the farmer wanting good Spotted Polands with which to start will need never to start over if he buys a bred female or two in the Hunt sale.

The sale will be held at Paola, Kan., because of good train connections. For a catalog address

Wm. Hunt, Osawatomie, Kan.

Please mention Kansas Farmer-Mail and Breeze. If unable to attend the sale send mail bids to J. T. Hunter in care of Mr. Hunt.

SPOTTED POLAND CHINA HOGS

Date Changed

So as not to conflict with the Wm. Hunt sale at Osawatomie, which will be held Saturday, Feb. 25, the Kansas State Ass'n Sale will be held

Monday, February 27
In the heated sale pavilion,
Alma, Kansas

65 Bred Sows and Gilts
Spotted Poland Chinas

This will be a useful lot of bred sows and gilts carrying popular blood lines and consigned by reliable and leading breeders of the state.

Everything has had double treatment against cholera and will receive thorough disinfecting before removal after the sale. Banquet sale day at 11, followed by program and election of association officers. Everybody welcome. Come. For sale catalog address,

F. H. MANNING Mgr.,
Parkerville, Kansas

Auctioneers: C. R. Dawson, Grant City, Mo., Lester Love, Council Grove, Kans.

Wells-McMaster Spotted Poland Sale

Ottawa, Kan., Tuesday, Feb. 14

57 head: 13 tried sows, 36 gilts, 6 summer gilts, 2 boars.

Sired by Leopard King, Faulkner's English King, Master K, Osawatomie Boy, Spotted King, Fairholmes Royal Booster, King Lear II, A's King of England, and other good boars. Bred to land, and other good boars. Royal High Pockets by Leopard King, Royal Red Cross by Pride of England, Royal Spot, Faulkner's English King and Leopard Longfellow by Leopard King. This is a large offering of choice individuals of the best Spotted Poland families. Sale at Forest Park pavilion, Ottawa, Kansas. For catalog write

G. S. Wells & Son, or
A. E. McMaster, Ottawa, Kan.

Spotted Poland Chinas

Stock of all ages. The best blood lines.
A. S. Alexander, Burlington, Kansas.

Spotted Polands, Both Sexes

Big type and English. **C. W. Wolsenbaum, Altamont, Kan.**

LYNCH BROS.' SPOTTED POLANDS

Fall pigs, either sex, with breeding, size and quality. Grand sire, Carlson's Spotted Chief, sire Riley's Wonder by Field's Giant. Satisfaction guaranteed.
Lynch Bros., Jamestown, Kansas

FOUR REG. SPOTTED POLAND

tried sows for sale, bred; one reg. yearling Spotted Poland boar, not related; also fall boars.
N. T. McNary, Burlington, Kansas

SPOTTED POLAND BOARS

Ready for service \$20; gilts, \$25; fall boars, \$10; one good herd boar 50% white; double immune; national or standard papers. **T. L. Curtis, Dunlap, Kan.**

GUERNSEY CATTLE

GUERNSEYS—CHOICE BULLS

For sale.—Herd under federal supervision.
George M. Newlin, Hutchinson, Kansas.

CHESTER WHITE HOGS

Chester White Tried Sows

For Sale—By Buster 92135 bred to My Model 88375. Spring Gilts by My Model, bred to Kansas Chief 112373 for March and April farrow, all recorded.
G. A. SANBORN, EDMOND, KANSAS

Chester White Gilts, Bred

for April farrow, also fall boar pigs. The old reliable. **Henry Murr, Tonganoxie, Kansas.**

O.I.C. Reg. September Pigs

either sex, good ones. **A. C. Hoke, Parsons, Kan.**

CHESTER WHITE BRED SOWS

Fall yearling and spring gilts sired by "Alfa Model," an 800 pound boar, bred to Wiemers' Choice, by Tichota's Choice, for March and April farrow. Immured. Crates and papers furnished. The big type. Will ship on approval. Write for circular.
Alpha Wiemers, Diller, Nebraska

IMPROVE YOUR HERD

with new blood. Sows, gilts farrow in March. **J. C. Davidson, Tonganoxie, Kan.**

A SON OF WEIMERS GIANT

heads my herd. Gilts bred for spring farrow. Fall boars. **E. E. Smiley, Perth, Kan.**

HORSES AND JACK STOCK

35 Head of Registered Jacks

as good as grows, by Grand Champions at Southern State shows, 2 to 7 yrs. old, 15 to 16 hands high, 9 to 10 inch bone used in our stables last season, can show colts. Few Belgian and Percheron stallions. This stock must be sold in next 60 days. We have what we advertise. Can ship over Santa Fe, Mo. Pac. and Frisco.
J. P. MALONE, LYONS, KANSAS
M. H. MALONE, CHASE, KANSAS

35 Mammoth Jacks

Big heavy bone, black jacks, 15 and 16 1/2 hands, weight up to 1200 pounds, 3 to 5 years old. Guaranteed. We have colts to show you. High class Percheron mares and fillies and young stallions.
Al E. Smith, Lawrence, Kan.

WANTED PERCHERONS

Mares and Fillies

for 160 acre farm in Lyon county, Kansas, extra well improved, 2 barns, tile silo, sheds, cribs, good house, R. F. D. and telephone, some good bottom land, balance good upland. Will trade our equity of \$3,000.00 for Percheron mares or Hereford cows and heifers.
TCM, LOCK BOX 638, TOPEKA, KANSAS

For Sale One Belgian stallion, one Percheron stallion, two jacks, one 15 hands, one 14 hands. All guaranteed to be good breeders.

OTTO BUSCH, R. 2, LECOMPTON, KAN.

7 Reg. Percheron Stallions

For Sale, from 2 to 7 years, 5 blacks and 2 bays. Price from \$150 to \$300. Also one pair Regis. Percheron mares in foal. **C. E. Whittlesey, Mound Valley, Kansas.**

Great Show and Breeding Jacks

Priced right. **Hinemags' Jack Farm, Dighton, Kan.**

One Dark Bay Reg. Percheron Stallion

For Sale. **Park & Duke, Elmdale, Kansas.**

FINE LARGE BLACK STANDARD BRED

and two fine large black saddle bred stallions, \$400 each, cash only. **H. G. Shore, with August Clothing Co., Topeka, Kansas.**

After a fight for 50 years, American medical students in Paris have gained the rights in the Paris Faculty of Medicine of being admitted as assistants in its clinics and hospitals.

Public Sales of Livestock

Shorthorn Cattle
Feb. 15—H. C. Graner, Lancaster, Kan.
Feb. 21—McPherson County Shorthorn Breeders' association. Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson.
Feb. 27—E. A. Campbell and O. A. McKenzie, Wayne, Kan.
Mar. 2—Harvey County Livestock Improvement association. Sale at Newton, Kan. W. H. Mott, Herington, Kan. Sale Mgr.
Mar. 3—Harvey County Livestock Improvement association. Sale at Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.
Mar. 28-30—Central Shorthorn Breeders' Ass'n, at Kansas City, Mo. W. A. Cochel, Mgr., Baltimore Hotel Building.
March 31—Ozark Shorthorn Association, Thos. Gallen, sec'y., Mt. Vernon, Mo.
May 10—Northwest Kansas Shorthorn breeders' association at Concordia, Kan., E. A. Cory sale manager, Concordia, Kan.
Apr. 3—Blank Bros., Kieen, Franklin, Neb.

Polled Shorthorn Cattle.
Feb. 13—Willson & Davison, Lebanon, Kan. Dissolution sale.
Feb. 18—W. A. Prewitt, Asherville, Kan.

Holstein Cattle
Mar. 22—Kansas State Association sale, Topeka, Kan. W. H. Mott, Sale Mgr., Herington, Kan.
June 8-9-10—National Holstein-Friesian Assn. Convention Hall, Kansas City, Mo. W. H. Mott, Sale Mgr., Herington, Kan.

Hereford Cattle
Feb. 21—McPherson County Hereford Breeders' association. Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson.
Mar. 1-2-3—Round Up sale at Kansas City, Mo. Management American Hereford Cattle Breeders' Ass'n, R. J. Kinzer, Sec'y.
Apr. 19—L. J. Healy, Hope, Kan.
April 25—Northern Kansas Hereford Breeders' association, Blue Rapids, Kan. J. A. Howell, Marietta, Kan., sale manager.
May 4—Johnson County Hereford Breeders' Association. R. L. Whitsitt, Holden, Mo., Sec'y.

Poland China Hogs.
Feb. 14—W. H. Hill, Milo, Kan., at Beloit, Kan.
Feb. 14—C. S. Nevius & Son, Chiles, Kansas.
Feb. 14—G. A. Wiebe & Son, Beatrice, Neb.
Feb. 15—Schmitz Bros., Seneca, Kan.
Feb. 15—H. C. Graner, Lancaster, Kan.
Feb. 16—Coffey County Poland China Breeders' association. Sale at Burlington, Kan. E. M. Wayne, Sec'y, Burlington, Kan.
Feb. 17—Smith Bros., Superior, Neb.
Feb. 18—Stafford County Poland China Breeders' association. E. E. Erhart, Sec., Stafford, Kan.
Feb. 18—W. A. Prewitt, Asherville, Kan.
Feb. 21—O. R. Strauss, Milford, Kan.
Feb. 23—Herman Groninger & Sons, Bendena, Kan.
Feb. 24—Grover E. Sampson, St. Joe, Mo.
Feb. 24—Morris County Poland China Breeders' Ass'n, at Council Grove, Kan. A. C. Brown, Keosau, Kan. Sale Mgr.
Feb. 24—Pratt County Poland Breeders' Association. Sale at Pratt, Kan. Mrs. C. J. Shanline, manager, Turon, Kan.
Feb. 27—E. A. Campbell and O. A. McKenzie, Wayne, Kan.
Mar. 1—Sullivan Bros., Moran, Kan. Sale at Iola, Kan.
Mar. 1—Harvey County Livestock Improvement Association. Sale at Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.
March 8—J. E. Baker, sale pavilion, Bendena, Kan.
Mar. 9—Clarence Dean, Weston, Mo. Sale on farm near Dearborn, Mo.
Mar. 10—Smith J. Gabbert, Dearborn, Mo.
Mar. 15—G. A. Wiebe & Son, Beatrice, Neb.
Apr. 26—Fred Laptad, Lawrence, Kan.

Spotted Poland Chinas
Feb. 14—Henry Field Seed Co., Shenandoah, Iowa.
Feb. 14—G. S. Wells & Sons, Ottawa, Kan.
Feb. 25—Wm. Hunt, Osawatomie, Kan.
Mar. 14—Henry Field Seed Co., Shenandoah, Iowa.
Feb. 27—Kansas State Spotted Poland China Breeders' Assn., Alma, Kan. F. H. Manning, Parkerville, Kan., sale manager.

Hampshire Hogs
Feb. 25—Geo. W. Ela, Valley Falls, Kan.

Duroc Jersey Hogs.
Feb. 13—B. W. Conyers, Severy, Kan. Sale at Piedmont, Kan.
Feb. 14—W. D. McComas, Wichita, Kan.
Feb. 15—W. O. Otey & Sons, Winfield, Kan.
Feb. 15—A. J. Hanna, Burlington, Kan.
Feb. 16—Earl Babcock, Fairbury, Neb.
Feb. 16—Woodell & Danner, Winfield, Kan.
Feb. 17—J. F. Larimore & Sons, Grenola, Kan.
Feb. 18—Guthridge & Preston, Lockwood, Mo.
Feb. 18—S. and R. G. Cooley, Plymouth, and Will Albin, Saffordville, Kan. Sale at pavilion, Emporia, Kan.
Feb. 18—E. H. Dimick & Son, Linwood, Kan.
Feb. 18—John Alberts, Jr., Wahoo, Neb.
Feb. 20—Guy A. Brown, Geneva, Neb.
Feb. 20—R. P. Ralston, Benton, Kan. A. E. Ralston, Mgr., Towanda, Kan.
Feb. 20—L. L. Humes, Glen Elder, Kan.
Feb. 21—J. J. Smith, Lawrence, Kan.
Feb. 21—W. L. Foson, Burr Oak, Kan.
Feb. 22—McPherson County Duroc Breeders' association. Sale at McPherson, Kan. B. R. Anderson, Mgr., McPherson, Kan.
Feb. 22—M. R. Peterson, Troy, Kan., at Bendena, Kan.
Feb. 23—Gordon & Hamilton, Horton, Kan.
Feb. 23—John Doomis, Emporia, Kan.
Feb. 24—Kempin Bros., Corning, Kan.
Feb. 25—Coffey County Duroc Breeders' association. Sale at Burlington, Kan. H. A. Dressler, Sec'y, Lebo, Kan.
Feb. 25—Dr. C. H. Burdett, Centralia, Kan.
Feb. 28—H. W. Flook & Son, Stanley, Kan.
Feb. 28—W. R. Huston, Americus, Kan. Sale at Emporia, Kan., in sale pavilion.
Feb. 28—Harvey County Livestock Improvement association. Sale at Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.
Mar. 2—D. Arthur Childers, Emporia, Kan.
Mar. 8—Stucker Bros., Route 6, Wichita, Kan.
Mar. 7—Brower & Son, Sedgwick, Kan.
Mar. 9—W. H. Hilbert, Corning, Kan.
Apr. 26—Fred Laptad, Lawrence, Kan.

Polled Shorthorns.
Feb. 13—Osage county. In fact, Osage county at the present time is taking lots of interest in hog raising, and the two dominant breeds, Durocs and Polands, both have county associations.

Kansas Polled Hereford Breeders Organize
Kansas Polled Hereford Breeders association met at Wichita, Kan., during the Kansas National and elected the following officers: M. Elmer Dunn, Wichita, president; L. E. Acker, Kechi, vice president; W. W. Trumbo, Peabody, secretary and treasurer; Jno. D. Snyder, Winfield, and D. C. Moss, Valley Center, directors. The next meeting of the association will be at Wichita in April.

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J. J. Hartman & Son's Poland China Sale
J. J. Hartman & Son's Elmo Valley Poland China sale at Abilene, Kan., last Thursday, Feb. 2, resulted in an average of \$44.10 for 40 head. The sale was held in Dan Baer's big garage. This average was considered pretty good considering that there was not much gorn raised in Dickinson. However, most of the offering stayed in Dickinson and adjoining counties. This was Mr. Hartman's 12th annual bred sow sale. The offering was bred to several different boars, but the boar that was on exhibition sale day was Smooth Bob and a nice lot of sows and gilts were bred to him.

Petty's King Kole Sale
Ed Petty of Versailles, Mo., held his annual bred sow sale on January 27th and 40 head of sows and gilts sold for an average of \$71.50. The offering was presented in splendid breeding condition, all showing early litters mated to The Grand Champion King Kole. A large crowd of farmers and breeders were on hand and a number of small bids were on evidence from Illinois, Iowa, Kansas, Oklahoma and Missouri. While no sensational prices were recorded or records broken the averages were very fair and low enough to permit of liberal investments by farmers and breeders present. Every animal sold should prove a profitable investment. The top price was paid for No. 5 in the sale, going to E. A. Smith, Belton, Mo. The next highest price was paid for No. 1 in the catalog, going to Cline Bros., Coffeyville, Kans. The sale will be recorded as one of the good cash sales of the year and the total returns were satisfactory to Mr. Petty.

M. D. Gwin's Duroc Sale
The M. D. Gwin Duroc Jersey bred sow sale at Washington, Kan., Saturday, Feb. 4, resulted in an average of \$49.60 for 35 head of bred sows and gilts. It was a good offering and warranted good prices. However, the prices received were considered very fair and Mr. Gwin was well pleased with his sale. It was practically a dispersal sale, as Mr. Gwin is planning on another line of work that will necessitate reducing the herd to just a few choice sows which he reserved. Among the visiting breeders from a distance were Earl Babcock and Johnson & Diamond, Fairbury, Neb., Oscar Honeycut and John O'Kane, Blue Rapids, Kan., A. J. Turinsky, Barnes, C. G. Merten, Clay Center, and a number from near-by communities. It was a snappy sale, and farmers from around Washington bought the most of the offering. Johnson & Diamond bought three head. Glen Keescker, Washington, bought one. A number of other breeders bought one or two each and the farmers bought the rest.

Chas. Krill's Poland China Sale
Chas. Krill's Poland China offering in the sale pavilion at Burlington, Kan., last Tuesday, Jan. 31, drew a good crowd of farmers and breeders interested in good Poland Chinas. About half of the offering averaged right at \$40 but a few younger gilts brought the general average on bred sows and gilts down to \$36. It was a splendid lot of spring gilts with a few tried sows of equal merit. The sale was a little too early to get the prices that the offering warranted. There will not be sold this winter anywhere many offerings that are any better than the prices that were taken by the Krill offering was last Tuesday. The breeding was good and the big spring gilts, lots of them weighing 300 pounds and over, were certainly a credit to Chas. Krill. Osage County has a live Poland China breeders association with about 35 members and there are a number of beginners in that county. Mr. Krill expressed himself as feeling well satisfied with the sale and expects to hold a sale in the same place in October. Also a bred sow sale next February.

Miller & Manning's Spotted Poland Sale
Miller & Manning's Sylvan Park annual offering of Spotted Poland China bred sows and gilts sold at Council Grove last Friday, Feb. 3, to a very appreciative lot of breeders and farmers from over Kansas for an average of \$76.00 for 49 head. It was a wonderful offering of Spotted Poland China bred sows and gilts. It was a very even

200 POLLED SHORTHORNS

Two great grandsons of Whitehall Sultan, Grand Sultan and Sultan's Pride heads herd. Stock for sale at all times. \$75.00 up. Phone 1002.
J. C. BANBURY & SONS, PRATT, KANSAS

POLLED SHORTHORNS
Both bulls and females for sale at prices according to times. **C. M. HOWARD & SONS, HAMMOND, KAN.**

GLENROSE LAD 506412
the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address
E. M. Anderson, Beloit, Kansas.

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POLAND CHINA HOGS

Dispersion Sale

Silverdale Herd Poland Chinas

Nothing better will be offered this winter.

Milford, Kansas, February 21

Featured in this sale is the great 1,200 pound breeding boar,

Giant Bob Wonder

one of the great boars of the breed. Also a junior herd boar,

Jumbo Joe

one of the best young boars in the state.

All of our herd sows and gilts bred for spring farrow. They were sired by Model Wonder, Great Master, Golden Gate Defender, Giant Bob Wonder, Jumbo Joe.

20 fall pigs sired by Giant Bob Wonder, Jumbo Joe and Golden Gate Defender. Catalogs sent upon request to

O. R. Strauss Milford, Kansas

Auctioneer, Jas. T. McCulloch
Send your bids to J. W. Johnson in my care.

POLAND BRED SOWS

In the sale barn,
N. Topeka, Kan., Feb. 18

corner Jackson and Railroad streets, 30 of the big type, early maturing kind sired by popular boars and bred for spring farrow to fashionably bred, big bone, big type U. Giant Buster and Columbian The Great. Your last chance to buy bred sows. All immunized.

Get a money maker. Please send for the catalog. Address,

UPDEGRAFF & SON
Route 6 Topeka, Kan.
Send bids to J. W. Johnson in our care.
W. D. Updegraff, Mgr., Riverside Farm.
C. M. Crews, Auctioneer.

Big Type Poland Chinas

Gilts out of dams by Mow's Special 6th, Grandview Wonder and Hill's Col. Jack, bred to Giant Liberator 24 for early farrow. Tried sows bred to Loy's Evolution. Immunized. Priced right. Special prices to pig club boys.
G. E. Loy, Barnard, Kan. (Lincoln County)

HAMPSHIRE HOGS

2 Purebred Hampshire Sales Valley Falls, Kansas

100 Head—Bred sows, bred gilts, open gilts, sow pigs, outstanding herd boars.

Feb. 24 Kansas Hampshire Swine Breeders' Association Sows and gilts consigned by KANSAS AND OKLAHOMA BREEDERS.

Feb. 25 Geo. Ela's fourth annual sale. Ten tried sows, twenty bred gilts bred for March and April farrow. Fifteen open summer gilts, twenty sow pigs. Three outstanding boars. Kansas Hampshire Swine Breeders' association annual meeting and election of officers, February 24. Offering immunized.

For further information, write to Geo. W. Ela, Sec'y and Sales Manager, Valley Falls, Kansas.



Walter Shaw's Hampshires
200 HEAD: REGISTERED, immunized, tried bred sows and gilts, serviceable boars.
WICHITA, KANSAS, RT. 2, Telephone 3918, Derby, Kan.

Whiteway Hampshires On Approval
Quality bred sows and gilts bred to junior champion. Also fall pigs. F. B. WEMPE, FRANKFORT, KAN.

SUMMIT HOME HAMPSHIRE
Choice gilts, weight 250, tried sows 300 to 500 lbs. Weaning pigs, 50 to 75 lbs. Shipped on approval.
S. W. SHINEMAN, FRANKFORT, KAN.

REG. HAMPSHIRE HOGS, spring boars, gilts, tried sows, herd boar, unrelated. Young stock. All bargains. Henry Binard, Burlington, Colo.

lot of sows and the prices paid were very even. Nothing sold below \$55.00 and the top was \$175 paid by D. O. Cain, Beattie, Kan., for number one in the catalog, a three year old sow by Royal King and out of a sow by Big Mike. Mr. Cain was the heaviest buyer, buying nine head in all at an average of about \$86.00. F. A. Myers, Minneapolis, Kan., W. F. Wilkins and E. and J. D. Dietrich, all of Chapman, G. H. Devine, Emporia, were among the visitors from away who bought in the sale. Mr. Homer Faulkner, Jamesport, Mo., president of the Spotted Poland China record association, was present. He is one of the best known breeders of Spotted Poland Chinas. It was a good sale and had a right to be a good sale, because the offering was as good as will be found in any sale ring this season. Miller & Manning have around 600 head of registered Spotted Poland Chinas in their big herd.

John Simon's Duroc Sale

The John Simon Duroc sale was held at Humboldt, Nebraska, Jan. 24, 1922. The 47 head sold averaged \$52.60 per head with a \$75 top on No. 17, a spring gilt by High Orion Jr. bred to Pathation. This young boar Pathation is by Pathfinder's Rival by a M. B's Giant Lady dam. This pig is a killer and was admired by all hog men in attendance. The following is a list of representative sales:

Tried sow, W. M. Ast, Humboldt, Nebraska.	\$60.00
Tried sow, Ed Glathar, Humboldt, Nebraska.	30.00
Fall gilt, Fred Grable, Humboldt, Nebraska.	60.00
Tried fall gilt, State University Farm, Lincoln, Nebraska.	70.00
Tried fall gilt, Frank Ese, Humboldt, Nebraska.	60.00
Fall gilt, A yearling, Humboldt, Nebraska.	60.00
Tried fall gilt, Walt Borins, Humboldt, Nebraska.	67.00
Spring gilt, McKee, G. Humboldt, Nebraska.	63.00
Spring gilt, Arnold J. Roter, Talmage, Nebraska.	75.00
Spring gilt, Smith, M. A., Humboldt, Nebraska.	60.00
Spring gilt, Ed Bahr, Verdon, Neb.	52.00
Spring gilt, Claud Harder, Verdon, Nebraska.	50.00
Spring gilt, Eno Gesmon, Humboldt, Nebraska.	47.00
Spring gilt, John Philpot, Humboldt, Nebraska.	55.00
Spring gilt, Frank Bros., Humboldt, Nebraska.	45.00
Spring gilt, J. H. Bray, Stella, Neb.	50.00
Spring gilt, John Stevenson, Humboldt, Nebraska.	55.00
Spring gilt, Aug Falsken, Salem, Neb.	48.00
Spring gilt, A. M. Munn, Salem, Neb.	62.50

Field Notes

BY J. W. JOHNSON

R. A. Gilliland of Denison, Kans. is starting his Jersey advertisement in this issue. Mr. Gilliland's herd now numbers around sixty head and is one of the oldest Register of Merit herds in Kansas and one of the first to be classed as free from tuberculosis and entered on the U. S. accredited list. Practically every cow in the herd has one or two yearly Register of Merit records. At this time he has two and three year old cows on test that are milking from 40 to 45 pounds daily and making from 50 to 60 pounds of fat per month. If interested in high class Jerseys you can find them in this herd.—Advertisement.

W. L. Fogo Duroc Sale

W. L. Fogo, Burr Oak, Kan., breeder of high class Duroc Jerseys sells 50 Duroc Jersey bred sows and gilts in his annual Duroc Jersey bred sow sale at that place, Tuesday, February 21. Write for sale catalog at once and go to this sale if you want fashionably bred Duroc Jerseys and the kind that get big and will make you money.—Advertisement.

Here's Land for Your Percherons

Does good farm land look better to you than your Percherons? Would you be interested in a quarter section of good land, with improvements and in a good livestock county? Then answer the advertisement under the horse and jack stock classification, addressing TCM, Lock Box 638, Topeka, Kan.—Advertisement.

Updegraff & Son Poland China Sale

Updegraff & Son, W. D. Updegraff Mgr., sell 30 choice Poland China bred sows at the sale pavilion, corner of Jackson and Railroad streets, North Topeka, Saturday, February 18. This is a draft of bred sows from the well known Riverside farm herd of registered Poland Chinas. Remember it is next Saturday in North Topeka.—Advertisement.

Chas. N. Marshall's Poland Chinas

Chas. N. Marshall, Burlingame, Kan., Osage county breeds Shorthorn cattle and Poland China hogs. At present he offers 10 nice last spring gilts sired by a good boar and out of big mature sows and bred for spring farrow to the Orangeman, a boar of real breeding and a great sire. Write for descriptions and prices at once.—Advertisement.

W. A. Prewett & Sons' Duroc Sale

W. A. Prewett & Sons, Asherville Kan., Mitchell county are well known breeders of Poland China hogs. Their annual bred sow and gilt sale is next Saturday, February 18. The sale will be held at the farm just north of Asherville. 50 bred sows and gilts will be sold and also eight Polled Shorthorn bulls. The sale is next Saturday, February 18.—Advertisement.

Land for Hereford Cattle

Here is a chance to get a fine farm in either Lyon or Wabasha county, Kansas, in exchange for Hereford cattle. These are among the best livestock counties in Kansas or anywhere else, and somebody with a herd of Herefords, or who can get the Herefords has a chance to make a profitable deal. You can use up to \$40,000 worth of cattle on this proposition. Write J. H. Lee, 824 Kansas Ave., Topeka, Kan., and mention this paper.—Advertisement.

Kansas Spotted Poland Breeders' Sale

The Kansas Spotted Poland China Breeders' association will hold its annual bred sow sale and business meeting at Alma, Kan., Monday, February 27, instead of Saturday, February 25, because of Mr. Hunt's sale at Osawatimie, Kan., on February 25. The sale is advertised in this issue of the Mail and Breeze. Eight or 10 of the best breeders in the state are consigning and it is sure to be a sale worth while. Write to

Pratt County Poland Breeders Sale

Pratt, Kan., Friday, February 24

35 Head: 5 tried sows, 27 gilts, and 3 boars

Consignors: E. E. MONAGHAN, Pratt, 2 tried sows and 6 gilts sired by King Timm, Henry Will, Giant Timm, Big Oakland, Giant Chief out of Morton's Giant and Wonder bred sows. Bred to Orchard Rainbow by the Rainbow, etc. C. J. SHANLINE, Turon, 1 tried sow and 7 gilts by Brown's Liberty Bond, Wonder Columbus out of Betty Bob, Belle Columbus, Miss Wonder A, Jones Choice, Black Orphan. Bred to Giant Timm and A Constructor Jr., the junior champion at 1921 Stafford County show; J. C. BANBURY, Pratt, 1 tried sow, 2 gilts, and 1 boar by King's Model and Sensation's Equal out of Defender dams bred to Hadley Prince, an 800 pound boar; JAY B. TREMAINE, Iuka, 4 gilts and 1 boar by Brown's Liberty Bond, bred to Long Ben; J. B. SWONGER, Cullison, 6 gilts and 1 boar by Big Jones Jr., bred to Bob Columbus; J. HARDESTY, Pratt, 1 tried sow by grand champion Columbus Wonder out of a Logan Price dam bred to Buddy Girl's Boy; J. W. JENKINS, Cullison, 2 gilts by Big Orphan out of a Wonder bred dam, bred to Buddy Girl's Boy.

An offering of good individuals from 7 of the best Poland herds of Pratt county. The sale is held late in February at a time when females will be showing safe in pig.

Write today for catalog. Please mention Kansas Farmer and Mail and Breeze. Address

Mrs. C. J. Shanline, Sec'y, Turon, Kan.

Boyd Newcom, Auctioneer. J. T. Hunter, fieldman.

Sullivan Bros.' Poland China Sale

At Sale Pavilion

Iola, Kan., Wednesday, March 1, 1922

(Sullivan Bros. live near Moran, Kan., but hold the sale at Iola, Kan.)

7 tried sows, 24 spring gilts, and 1 boar

Most of the offering sired by three herd sires: JOE BUSTER by Wonder Buster out of a King Joe dam; TIMM BUSTER by Joe Buster out of a Jumbo Timm dam; and STANDARD LEADER by Big Bone Leader out of Standard Lady 2nd. Some are by Orphan Bob.

A number of the good ones in the sale are out of PRIDE by Jumbo Timm by Big Timm; LADY BUSTER by Joe Buster; BOB'S ANNIE, BOB'S BEAUTY, DAISY BUSTER—all by Col. Bob by Big Bob out of Gentle Annie by Jumbo Timm.

Nearly all the offering is bred to the junior sire, CHIEF DESIGNOR by Designor out of a Hancher bred dam. A few sows will be of Golden Gate King breeding.

Designor, the sire of the junior boar, has been grand champion of several state fairs and is one of the greatest boars of the breed. Buy a sow or gilt bred to a son of this champion.

Hogs are the most profitable kind of livestock and purebred hogs produce more pork at less cost than grades and they can now be bought very reasonably. Attend the Sullivan Bros. sale and get a few. Write today for catalog. Please mention Kansas Farmer-Mail & Breeze. Address

Sullivan Bros., Moran, Kansas

W. G. Lockridge, Auctioneer. J. T. Hunter, Fieldman.

Morris County Poland Breeders' Sale

41 selections from eight herds of the big county association as follows: Eight tried sows, two fall gilts, 28 spring gilts, two spring boars and one herd boar. Sale in the pavilion,

Council Grove, Kansas, Friday, Feb. 24

A useful offering of registered sows and gilts bred to good boars offered by the following consignors: Dale Chitty, Alta Vista; R. M. Collyer & Son, Alta Vista; S. C. Scott & Sons, Council Grove; Howard Strouts, Wilsey; O. H. Fitzsimmons, White City; Albert Hebrink, Council Grove; A. C. Brown, Kelso; Tyhker Bros., Wilsey. This association offers in its annual sales nothing but first class Poland Chinas. Sale catalog ready to mail. Address,

A. C. Brown, Sales Manager, Kelso, Kansas

Auctioneers: Homer Rule, Lester Lowe. Send bids to J. W. Johnson in care sale manager. R. M. Collyer & Son sell Poland Chinas at Alta Vista the day before.

The Banner Herd of Poland Chinas

Our 1922 bred sow offering consists of choicely bred spring gilts with the exception of two tried sows. Sale in the Bendena Sale Pavilion,

Bendena, Kan., Thursday, February 23

The offering was sired by such boars as King Bob, he by Long Bob; The Wizard by Fessy's Timm; Orange Bud by Orange Boy; G's Commander by Commander; Smooth Model; Sheldon's Designer by Designer; The Clanster by Liberator and other noted boars. The offering is bred to such boars as King Bob by Long Bob; U. S. Buster by Giant Buster's Equal; G's Commander; Orange Bud, The Wizard, Pete's Fashion by Peter Pan, Checkers Jr. by Checkers, Bob's Giant by Bob's Phenom. The dams are large, prolific sows of excellent bloodlines. For the sale catalog address

Herman Gronniger & Sons, Bendena, Kansas

POLAND CHINA HOGS

10 Poland Spring Gilts

bred to The Orangeman for spring litters. Priced to sell. Write to
CHAS. N. MARSHALL, BURLINGAME, KAN

50 Sept. and Oct. Boars and Gilts

Weight 140 each. Immunized and papers. Sired by the Elmo Valley herd boars. Pairs and trios not related. Priced low. J. J. HARTMAN, ELMO, KAN.

Big Type Immuned Poland

Serviceable males, \$25; bred gilts, \$30; and Sept. pigs, \$15. GEO. J. SCHOENHOFER, Walnut, Kan.

HENRY'S BIG TYPE POLANDS

Bred gilts sired by Big Orange, Smooth Prospect, bred to outstanding son, Columbian Giant. September pigs, either sex, pair or trios.
John D. Henry, R. F. D. 1, Lecompton, Kan.

BRED SOWS AND GILTS
Fall pigs, popular breeding. Priced to sell.
Myersdale Farm, Gardner, Kansas

POLAND CHINA HOGS

Freedom Stock Farm

Fifteen choice 300 pound Poland China April gilts bred for March and April farrow. They are out of 700 and 800 pound dams and sired by Jumbo Giant, grand champion Belleville 1921, and Long Bob, a grandson of Big Bob. If you want some real brood sows get busy while they last.
F. C. SWIERCINSKY, BELLEVILLE, KAN.

LOY'S BIG TYPE POLANDS

Large spring gilts sired by L's Yankee, Ben's Giant and Loy's Evolution. Bred for March and April farrow to Liberty Bob and L's Yankee. Immunized, guaranteed, pedigreed. Priced right.
C. F. LOY & SONS, MILO, KANSAS

BIG POLAND CHINAS

For quick sale, 20 bred sows and gilts, bred for early spring farrow to Clansman Junior and Sheehy's Buster. 100 fall pigs, all immune. Satisfaction guaranteed or money refunded.
ED SHEEHY, HUME, MISSOURI

Waltemeyer's Giant 429003 Duroc Jersey Bred Sow Sale

To be held in Emporia Sales Pavilion
Emporia, Kan., Tuesday, Feb. 28
1 o'clock p. m. sharp

40 Head Double Immuned Bred Sows, Fall and Spring Gilts

All bred for March and April litters. They are sired by such boars as Pathfinder's Image 273101, Peerless Pathfinder Alley's 342649, Greatest Sensation 392915, Model Orion 368593 and other good sires. These richly bred females are bred to Waltemeyer's Giant 429003, the best boar I could find on my trip up in Iowa last fall. Greatest Sensation, the monster boar and the good boars, Sensational Goldfinder and Sensational Pathfinder.

J. C. Stewart & Sons consign 13 head, the tops of their herd sired mostly by Alley's Model Orion 368593 and bred to Sensational Pathfinder, a real prospect. These gentlemen have been strong winners in Capper Pig Club work. We have bought the best money will buy.

You can't afford to miss this sale. Emporia has good railway connections and train service is of the best.

Stop at the Mitway hotel as our guests. If you can't get away, J. T. Hunter of the Kansas Farmer and Mail and Breeze, or the auctioneers, A. B. Wood or C. C. Crouch are competent and trustworthy to buy for you; or anyone you may designate. You will get more for your money in this sale than it is possible to buy elsewhere. Write for catalogs to

W. R. Huston, Americus, Kan.

Fellow breeders and farmers, our Durocs make good. Our Durocs are the kind that satisfy our customers. We demand good individuality as well as being blue blooded. We are breeding a practical kind of Duroc Jersey hogs. Don't forget sale is in Emporia sale pavilion, Emporia, Kansas.

R. M. Collyer & Son Sell 35 Bred Sows and Gilts

In Dunlap's Garage,

Alta Vista, Kan., Thursday, February 23

Six tried sows, 13 fall gilts, 16 spring gilts. Herd boar, Repeater's Big Orange by Repeater and out of a Mac's Big Orange granddaughter sells in this sale. The offering consists of sows by Profitmaker, Repeater, Liberty King, The Kansas Anchor, Repeater's Big Orange and The Jayhawk. They are bred to C's Wonder, a great yearling grandson of Big Bob Wonder, Repeater's Big Orange, and The Yankee. Everything bred for March and April farrow. Catalogs ready to mail. Address—

R. M. Collyer & Son, Alta Vista, Kansas

Auctioneers: Homer Rule, Lester Lowe. Send bids to Auctioneers or J. W. Johnson, fieldman, in our care. The Morris County Poland China Breeders association sells the day following at Council Grove.

Coffey County Combined Purebred Hog Sale

35 Polands—35 Durocs

Burlington, Kansas, Thursday, February 16

Polands: 15 tried sows, 3 yearlings, 15 gilts, 2 boars. Durocs: 3 tried sows, 32 gilts.

POLANDS
This offering has been bred to or sired by such good boars as: Prospect Lad, Valley Jumbo, Greenleaf Big Bob, Neosho Ex, Orange Wonder, Neosho, Neosho Hadley, Big Jones Again, Buster Over, Paragon, Kansas Combination, King Big Bone, Long Tim, Giant Knox, etc.

Consignors and number consigned are: E. M. Wayde, 6 gilts, 3 summer yearlings, 4 tried sows; A. H. Weathered, 1 gilt; Oscar Morris, 8 tried sows; Albert Dodge, 2 tried sows, 2 gilts; G. R. Knight, 5 gilts, 1 sow; S. M. Dean, 2 boars, 2 gilts; J. H. Norman, 2 tried sows.

Write County Agent C. R. Jaccard, Burlington, Kan., for a catalog of each sale. Please mention Kansas Farmer-Mail & Breeze. Managers of each sale: Polands—E. M. Wayde, Burlington, Kan. Durocs—H. A. Dressler, Lebo, Kan. Rule and Holmes, Auctioneers. J. T. Hunter, Fieldman.

DUROCS
This offering has been bred to or sired by boars close up in blood of Pathfinder, Cherry King Orion, Great Orion Sensation, Great Orion, Model Alley, etc. Consignors and number consigned are: Bryce L. Newkirk, 8 gilts; Giles Bouse, 3 gilts; Ralph Scott, 5 gilts; Ivy Allen, 5 gilts; W. C. Jenkins, Jr., 8 gilts; Owen Sullivan, 1 sow, 3 gilts; Harley Davidson, 2 sows.

Sometimes a man just literally "keeps" hogs when a small investment in good purebred hogs would keep him. This combined sale is one where the breeding and individuality will satisfy critical buyers and the large number consigned offers excellent opportunity to select good ones from widely varying blood lines.

Shorthorn Cattle and Poland China Hogs

In this sale we offer nothing but choice breeding animals. It is a combination sale to sell our surplus.

Wayne, Kan., Republic County, Monday, Feb. 27

Splendid connections with morning and evening trains.

10 cows, several with calves at foot, others to calve by spring. Five two year old heifers bred to Lord Albion 819181. Eight yearling heifers.

Seven bulls, yearlings and long yearlings. Everything old enough except the cows that have calves at foot is bred to Lord Albion, No. 819181, first prize bull at the Belleville show 1921 and second at Topeka in a big show the same year. The offering is largely Scotch topped breeding but with a number of straight Scotch pedigrees.

30 Poland China bred sows—10 tried sows, bred to Sensation Jumbo, by Big Sensation. 20 gilts bred to a good boar. These are not culls but real breeding stock. We invite you to come to the sale. For the catalog address, either

E. A. Campbell or O. A. McKenzie, Wayne, Kan.

Jas. T. McCulloch, Auctioneer. Send bids to J. W. Johnson in our care.

Mr. Manning today for the catalog. Address, F. H. Manning, sale manager, Parkerville, Kan.—Advertisement.

Last Call for Schmitz Bros. Sale

This will be the last call for Schmitz Bros. Poland China sale to be held at Seneca, Kan., Feb. 15. The 40 head of big type bred sows and gilts that will go in this sale will be one of the good lots of Poland Chinas that will be sold this season. If you want Poland Chinas it will pay to attend this sale.—Advertisement.

A. C. Brown's Ayrshire Sale

A. C. Brown, Kelso, Kan., Morris county, is selling a young herd of registered Ayrshire cattle that should be of interest to every Ayrshire breeder in the state at least. It is a small herd, only six cows, four fresh and the other two to freshen in the spring, a herd bull, two young bulls ready for service and two calves, but they are bred right and it is a sale made because of Mr. Brown's decision to quit the dairy business. The foundation was bred by the school for the deaf, Flint, Mich., one of the best herds in the country. Write to Mr. Brown at once for the catalog.—Advertisement.

Willson & Davison's Sale

Polled Shorthorns, 50 of them in a big dissolution sale at Tom Willson's farm about eight miles south of Lebanon, Kan., next Monday, Feb. 13 is one of the places you don't want to miss if you want Polled Shorthorns. You sure want to be there. If you have not written for the sale catalog will be just go to Lebanon anyway and you will be taken to the sale and returned and you will find a catalog at the sale ring waiting for you. A dandy lot of them with calves at foot and others to calve in the spring and yearlings and two-year-old heifers and two great herd bulls is the offering.—Advertisement.

W. H. Hills's Poland China Sale

W. H. Hills, Milo, Kan., sells Poland Chinas at Beloit, Kan., at the fair grounds next Tuesday, Feb. 14. The sale is made at Beloit because of better rail road service. 35 spring gilts, two tried sows, and three spring yearling boars go in this sale. There will not be a sale held in Kansas this winter where there is more popular breeding than will be found in the Hills sale at Beloit, Kan., next Tuesday. The breeding of Liberator and Col. Jack predominate in the sale. You can buy bred sows in this sale of this breeding for what just good sows will probably cost you later on in the winter. Be sure to be there. The sale is next Tuesday.—Advertisement.

A. J. Hanna's Duroc Sale

A. J. Hanna's Duroc Jersey bred sow sale is to be held at Burlingame, next Wednesday, Feb. 15. If you have not already written for the sale catalog you still have time to do so if you hurry. However, you better go and you will find a copy waiting for you at the sale ring. 20 fall yearlings, everyone a good one and 20 spring gilts, everyone a good one. This is a true statement that the Hanna offering of fall and spring gilts is one of the best in breeding and individuals to be sold this winter. The sale will be held in comfortable quarters, in town and there is good train service in and out of town mornings and evenings. The sale is next Wednesday, Feb. 15.—Advertisement.

H. C. Graner's Sale

H. C. Graner, Lancaster, Kan., Atchison county, well known for years as a breeder of the best in Poland Chinas and Shorthorns will sell a draft from both his Shorthorn and Poland China herds, Wednesday, Feb. 15, at his farm about three miles north east of Lancaster, 15 choice big type bred sows to good boars and a choice lot of Shorthorn cows, Scotch topped and a number of them with calves at foot. Mr. Graner has sold his farm and bought a smaller one near Atchison and must reduce the herd some. He is selling because he is through with him his imported herd bull, Lord Alexander and he is sure to be a bargain in this sale. Remember the date is next Wednesday, Feb. 15.—Advertisement.

Kansas Hampshire Swine Association Meeting

Geo. W. Ela, Valley Falls, Kan., secretary of the Kansas Hampshire swine breeders association announces that there will be a meeting in the nature of a reunion at Valley Falls Friday, Feb. 24. This is the day before the Geo. W. Ela annual sale of Hampshire bred sows and gilts. The meeting is being held for the purpose of electing officers for next year and for the further purpose of talking over matters pertaining to the Hampshire hog. Everyone interested is invited to come for the meeting on Feb. 24 and stay for the sale on Feb. 25. Write to Geo. W. Ela, Valley Falls, Kan., for further information about the sale and meeting.—Advertisement.

Cochran & Sons Offer Bulls

C. G. Cochran & Sons, Hays, Kan., offer for immediate sale 150 yearling and two-year-old bulls. Fifty of them are Shorthorns and 100 of them are Herefords. Part of them are at Fort Collins, Colo., and the others are at the home ranch at Hays, Kan. C. G. Cochran & Sons are extensive breeders of both Herefords and Shorthorns on their big stock ranches in western Kansas. These herds are the largest possibly of any in the western half of the state at least and they are among the largest breeders of purebred cattle in the country. These bulls are big, rugged fellows, grown in western Kansas under the most favorable conditions. They will be priced right for quick sales. Look up the advertisement in this issue of the Mail and Breeze.—Advertisement.

Two Big Hampshire Swine Sales

The two big Hampshire swine sales to be held at Valley Falls, Kan., Feb. 24 and 25 will be one of the big events in Hampshire circles. On Feb. 24 the Kansas Hampshire Swine Breeders will hold their annual meeting and reunion; also the sale of Hampshires consigned by members of the association. On Feb. 25, Geo. W. Ela will hold his 4th annual bred sow sale. In these two sales over one hundred head of Hampshires will be offered and the offering will consist of bred sows, bred gilts, open gilts, sow pigs and a few outstanding herd boars. Look up the advertisement in this issue and write Geo. W. Ela, Kansas Hampshire Swine Breeders' Association, Valley Falls, Kan., for catalog and particulars.—Advertisement.

J. J. Smith's Duroc Sale

J. J. Smith, Lawrence, Kan., sells at his farm joining Lawrence on the southeast, Tuesday, Feb. 21, 40 Duroc Jersey bred gilts. These gilts are of last spring farrow

and are as well grown and as desirable an offering of bred gilts as you will find this winter. The breeding is of the most popular strains. They are bred largely to Intense Great Wonder, a boar that sires the kind that grows out quickly and of even size. He is an outstanding individual and a sire of great merit. Remember the sale is Feb. 21. Go to Lawrence and make yourself known at the Eldridge hotel from which place Mr. Smith will furnish conveyance to the sale and back in the evening. Write today for the catalog. Address, J. J. Smith, Lawrence, Kansas.—Advertisement.

O. R. Strauss Poland China Sale

O. R. Strauss, Milford, Kan., in his decision to close out his herd of Big Poland Chinas, finds it necessary to sell at the same time his herd boars that most all breeders of Poland Chinas have heard about. Mr. Strauss contemplates some changes in a business way and is selling without reserve on Feb. 21 his entire herd of Poland Chinas in a dispersal sale. The 1200-pound Giant Bob Wonder goes in this sale and along with him Jumbo Joe, one of the great young boars in the herd. All the sows and gilts he had planned on keeping for his own use go in the sale. Also 20 fall pigs, sired by the three boars, Giant Bob Wonder, Jumbo Joe and Golden Gate Defender. The sale is at the farm near Milford and the catalog is ready to mail. Write for it today.—Advertisement.

Morris County Poland China Sale

The Morris County Poland China Breeders' association is a going concern. It has a large membership for a county organization of active members who are interested in the development of better Poland Chinas in Morris and adjoining counties. The annual sale at Council Grove last February was one of the best offerings of the winter. Their annual offering at the sale place, February 24, will prove one of equal merit. Eight Poland China breeders, all from the membership of the Morris county association, are selecting real animals for this annual event. You are invited, no difference where you live. Write for the catalog and see how they do things in this live association in Morris county. Forty-one bred sows and gilts go in this sale. They are real selections and represent a variety of breeding. They are out of well bred sows and bred to good boars. Write to A. C. Brown, sale manager, Kelso, Kan., Morris county, for the sale catalog today.—Advertisement.

R. M. Collyer & Son's Poland China Sale

R. M. Collyer & Son, Alta Vista, Kan., sells Poland China bred sows and gilts in the Dunlap garage, Alta Vista, Kan., Thursday, February 23. The day following the Morris County Poland China Breeders' association sale at Council Grove. The Collyers are among the best known breeders of correct type Poland Chinas in central Kansas. Their herd is one of the strong herds of



STANDS for all that is best in the Swine Business

The Ohio Improved Chester possesses strong characteristics peculiar to the breed. It has continuously since 1883. Maintaining a high standard of excellence ever since. Our own Association records have been persistently and consistently maintained since 1897.

The O. I. C. Hog is large, strong, healthy, and vigorous; matures quickly; very prolific. They are good breeders, good mothers—good disposition. They are big money makers for the farmer, good porkers, and are good prize winners. The breed is known throughout the world. Every civilized nation has bought more or less from our breeders, and are continuing to do so with the greatest satisfaction and best results.

They Are WHITE HOGS of Quality

Every O. I. C. breeder should support his own Association and protect his own interests by promptly recording his O. I. C. pigs with us.

Write for Origin and History of the O. I. C. Send 10 cents for trial subscription to the O. I. C. Swine Breeders Guide. It represents the Breed. Address
**O. C. VERNON, Secretary,
O. I. C. Swine Breeders
Association.**



DUROC JERSEY HOGS

Zink Stock Farms' Durocs
Popular blood lines, high class individuals. Breeding stock for sale at all times. Write us for breeding description and prices.
ZINK STOCK FARMS, TURON, KANSAS

Durocs \$20 to \$30
This includes some boars ready for service and choice fall pigs by Hurdler Pathfinder and Valley Wonder Sensation. Will sell on time. Ask for terms.
E. C. MUNSELL, RUSSELL, KANSAS

OVERSTAKES' BRED GILTS

200 pound gilts bred for April and May farrow \$30.00. Fall gilts and boars at \$15.00 and \$20.00.
Overstake Bros., Atlanta, Kansas

DUROC JERSEY HOGS

**Large Type
Duroc Jersey
Bred Gilts**

Sale at the farm near town,

**Lawrence, Kan.,
February 21**

22 well grown, well bred spring gilts mated to the splendid boar,

Intense Great Wonder

a real show and breeding boar whose get grow out quickly and of even size and distinctive character.

18 last fall gilts, selections from my fall crop of pigs. Just the good ones.

The entire offering is richly bred and carries the blood of the best sires and dams of the breed.

Everything Immunized

Free autos from the Eldridge Hotel to the farm and back for those coming in on trains. Catalogs ready to mail. Address

**J. J. Smith
Lawrence, Kansas**

Homer Rule, Auctioneer
J. W. Johnson, fieldman, Mail and Breeze. Send your bids to him, care J. J. Smith, Lawrence, Kan.

A Few Bred Gilts

at private sale. My greatest bred sow sale February 15. Send today for catalog. W. W. OTEY & SONS, WINFIELD, KAN.

REAL BIG TYPE BOARS

Real spring boars sired by Shepherd's Orion Sensation, the sire of champions. Real Pathfinders by Pathfinder Jr. Immunized, registered. Price \$30, \$40 and \$50. Order from ad or write. No culls. Real Duroc for your dollars. G. M. SHEPHERD, LYONS, KAN.

Well Grown Spring Gilts

of Orion Cherry King and Pathfinder, breeding, bred to an outstanding son of Great Sensation. Big smooth gilts, real backs and color. Also choice of fall boar pigs. J. A. CREITZ & SON, BELOIT, KANSAS

Duroc Jersey Bred Sow Sale

50 bred sows and gilts, Burr Oak, Kan., February 21. One of the best herds in the country. Write for catalog. Address, W. L. FOGO, OWNER, BURR OAK, KAN.

Bred Gilts—Big Type

Big stretchy, outstanding gilts bred for spring farrow. Best blood lines of Sensation, Orion, Pathfinder and Crimson Wonder families. Immunized and priced low. Ernest A. Reed, R. 2, Lyons, Kan.

Duroc Bred Sows and Gilts

Bred sows and gilts shipped on approval. Immunized and absolutely as described. A few spring boars. Write for descriptions and prices. D. C. ASHER, LAWRENCE, KAN.

Valley Spring Durocs

Sensations, Pathfinders, Orions. Boars all ages. Sows and gilts bred to outstanding boars. Immunized, pedigrees furnished, guaranteed breeders. Year's time if desired. E. J. Bliss, Bloomington, Kan., Osborne Co.

Drake's Bred Gilts and Spring Boars

30 gilts bred to Smooth Sensation by Sensation's Master, Pathfinder Graduate and Great Wonder Model. Bred gilts for spring farrow, \$30 and up. A few good boars, \$25 to \$30. Cholera immunized. Time to reliable parties. Describe your wants. Homer Drake, Sterling, Kan.

How Would You Like

to own a sow or gilt bred to a boar that weighed 725 pounds at just 18 months old? We are selling that kind. Write for prices. STANTS BROS., HOPE, KANSAS

Big Type Bred Gilts

Big boned stretchy March bred gilts of the best of Pathfinders, Orions, Sensation, and Great Wonder breeding. Immunized and priced to sell quick. A. A. REED & SONS, LYONS, KANSAS

Duroc Boars \$20.00 to \$25.00

150 to 200 lbs. Well bred good bone and length. Order from this advertisement direct and I will ship you a good pig. J. E. WELER, HOLTON, KAN.

Hogs For Profit

This new book tells how to DOUBLE YOUR PROFITS. A limited number of copies FREE. Address Ross Salmon, Dept. K, McFall, Mo.

this section where there are lots of real Poland China herds. They are selling some picked tried sows, especially to fill out and make the sale attractive. The spring and fall gilts are a nice lot of young sows that will be found real foundation sows. They are selling a herd boar, Repeater's Big Orange 118614 by Repeater and a grand-daughter of Mc's Big Orange. This boar is of the best of type and conformation and his sire, Repeater, was the junior champion at the International in 1918 and he also sired the International junior sow at the International last year. He is selling with a fault: It is a real offering and one that is a credit to the Collyers and to Morris county. Write today for the catalog. Address, R. M. Collyer & Son, Alta Vista, Kan.—Advertisement.

C. H. Burdett's Duroc Sale

Dr. C. H. Burdett, Centralia, Kan., sells 47 Duroc Jersey bred sows and gilts in his sale at that place Saturday, Feb. 25. He is selling in the northeast Kansas sale circuit and his is the last sale of the circuit and follows the "Bob" Kempin sale at Corning, Friday, Feb. 24. Dr. Burdett is selling about a dozen tried sows, good ones or they would not be in the sale. He is selling five or six fall yearling gilts, big, smooth ones weighing 450 to 500 pounds sale day. The 31 spring gilts he is selling will weigh from 300 to 400. They are a dandy lot and represent popular breeding. The offering is bred to these boars: B's Great Orion Sensation; B's Pathfinder; B's Major Sensation and Orion King Bob. Some of the tried sows seven of which are of Pathfinder breeding, will weigh a number of them, 700 pounds. The sale will be held in a comfortable sale pavilion on the farm which joins town. In fact, it is in the edge of town. We are going to stay all night at Corning Friday night and go to Doc Burdett's sale Saturday morning. It is only six miles and autos will take us over there in a few minutes. You are going to see some real Durocs at the Burdett sale.—Advertisement.

Cripe & Runbeck's Hereford Sale

In the Cripe & Runbeck Hereford dispersal sale at the sale pavilion, Council Grove, Kan., February 21, will be found the real opportunity of the year to buy foundation cattle at auction prices. This herd is recognized as one of the real good herds of the great Hereford center of which Council Grove is the hub. One hundred females, 50 of them with calves at foot, and all the mature females in the sale bred. The calves are by Double Stanway, a son of Bright Stanway and calved March, 1917, and bred by Gudgell & Simpson. A wonderfully bred bull and a recognized producer of a quality of calves that are giving real satisfaction. The foundation cows in this herd came from the Gudgell & Simpson herd and the pick of the produce has been retained in the herd until now it is a herd of note. A fine string of two-year-old heifers and another of yearlings go in the sale in nice breeding condition. They are by Double Stanway and some are by Quinto, a recognized good son of Domino. It is just the biggest opportunity of the year for you if you want foundation Herefords at the price they are likely to command in an auction February 21. Write for the catalog today and mention the Mail and Breeze when you do.—Advertisement.

Herman Gronniger & Sons' Poland China Sale

The Banner herd of Poland Chinas, Herman Gronniger & Sons, proprietors, Bendena, Kan., is probably as well and as favorably known as any herd in the west. They have gone on steadily for years breeding Poland Chinas. In fact, Herman Gronniger without any doubt is the oldest continuous breeder of Poland Chinas in the west having bred them on the same farm for more than 40 years which is a splendid record. Their advertisement appears in this issue of the Mail and Breeze. By looking it up you will see they are up-to-date in the matter of breeding. They are offering in their bred sow sale this winter a very attractive lot of spring gilts, only two tried sows in the sale. For Boys' pig clubs, breeders and farmers who need some good, large, prolific bred gilts this sale offers a real opportunity. They will not sell high in this sale. They will command a good price because the farmers in that section will pay good prices for them but if you are a breeder or a beginner you should welcome the opportunity to buy the Gronniger kind at what is often termed farmers prices. Write today for the Gronniger catalog. It is interesting always. Address, Herman Gronniger & Sons, Bendena, Kan.—Advertisement.

M. R. Peterson's Duroc Sale

M. R. Peterson of Troy, Kan., Doniphan county, breeds and exhibits a very high class kind of Duroc Jerseys. In his bred sow sale at Bendena, Kan., Wednesday, Feb. 22, he is selling 45 head, 25 spring gilts and the rest tried sows and fall yearlings. With the exception of 10 spring gilts that are bred to High Pathfinder's Wonder, the entire offering is bred to a junior herd boar, Sensation Defender. He was sired by Great Orion Sensation and his dam by High Defender, was the sow that Mr. Peterson showed at Topeka and Hutchinson and a big, smooth sow that was placed ahead of everything except the Longview sow that beat her. She weighed 750 lbs. at two years old and is a great sow. There will be some real attractions in the sale. One will be the three spring gilts sired by Sensation King, the Vipont boar, the dam being by Mammoth Sensation; three spring gilts by I Am Wonder, the Johnson boar at Hector, Minn., and the dam is a line bred King the Col. sow; two by Great Orion Sensation (Kern's boar), dam Greatest Wonder, the Moats boar at Logan, Ia.; three gilts by Uneeda Great Orion Sensation dam by Chief Invincible; one spring gilt by Major Sensation, 13 by Higher Pathfinder, High Pathfinder's Wonder and Long Orion. Write today for the sale catalog. Address, M. R. Peterson, Troy, Kan.—Advertisement.

Gordon & Hamilton's Duroc Sale

Gordon & Hamilton, Horton, Kan., who sell Duroc Jersey bred sows and gilts at Horton, Kan., in the Campion sale barn which is the same place they have held their last three or four sales, are selling a draft of about 35 bred sows and gilts that it is safe to say is as good as any they have ever sold and Geo. T. Hamilton, the managing member of the firm is authority for the statement that it is a better offering than they have ever sold. Sensation King, the senior herd boar, sired by Great Sensation and out of Proud Advance dam and Golden Pathfinder by Ideal Pathfinder and out of the sow, Golden Uneeda are two great sires that have proven their great worth in this herd as sires of great scale, type and everything that it takes to make

**Buy a 1922
Calculator Bred Sow**

81 tried sows, fall yearlings and spring gilts. Nothing better will go through a sale ring in 1922. Sale at the farm under cover. Farm eight miles south, two west of

Glen Elder, Kan., Monday, Feb. 20

Free autos to and from the farm. Many of the best things in the sale were sired by Calculator, the 1921 Kansas National grand champion. A large number are bred to him. Others are by Highland Cherry King, and some are bred to him. Other boars that are important factors in this big sale are Pathfinder's Sensation and Long Giant.

If you are going to breed Durocs you can't afford to miss this sale. Positively the grandest lot of Duroc Jersey bred sows ever sold in one sale before in Central Kansas. Come and see. My catalog is ready to mail right now. For a copy address,

L. L. Humes, Glen Elder, Kansas

Auctioneers: Will Myers, J. B. Heinen.

Send all bids to J. W. Johnson or W. W. Jones in my care at Glen Elder, Kan.

Important. 240 acres of wheat land will be sold. Write or wire for particulars. Sale regardless of weather. Come to Glen Elder.

**R. P. Ralston Stock Farm
Duroc Sale**

Benton, Kansas, Monday, February 20, 1922

8 tried sows, 40 gilts, and 2 boars

Great Sensation 2d, a half brother to 1919-21 world's grand champion, Great Orion Sensation; Orion's Sensation Wonder, a grandson of Great Orion Sensation, and Long Pathfinder 3d, senior yearling 1921 Kansas fair, a grandson of Pathfinder, head the herd.

Some of the offering was sired by Great Sensation, the sire of Great Orion Sensation; Kansas Pathfinder; and King of Orion Cherries, a half brother to 1918 world's grand champion, Great Orion.

The offering in this sale will be a blending of the three most popular Duroc blood lines: Sensation, Pathfinder and Orion. Everything double immunized and showing with pig. An offering that will improve your herd. Sale 1/2 mile south and 1 mile east of Benton, Kan. Mention Kansas Farmer and Mail and Breeze. For a catalog write

A. E. Ralston, Sale Mgr., Towanda, Kan.
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

A Well Bred Duroc Offering

At Sale Pavilion

Emporia, Kan., Thursday, Feb. 23

John Loomis sells 50 Bred Sows and Gilts and 2 Boars

Sires bred to or producing this offering are GIANT ORION SENSATION by 1919-21 world's grand champion, Great Orion Sensation; PATHFINDER'S MODEL by Old Pathfinder; GREAT ORION KING by 1917 world's junior champion, Jack's Orion King 2nd; HIGHLAND'S JOE ORION by Joe King Orion; SENSATION ORION by 1918 world's grand champion, Great Orion; SENSATION PATHFINDER by Pathfinder's Image, and RED CROSS PATHFINDER by H. & B's Pathfinder.

Few Kansas herds have such richly bred Durocs close up in the blood of national champions.

The Loomis herd won grand championship on both boar and sow as well as winning every place but one up to and including sixth place for both male and female futurity at the 1921 Lyon county fair. This was the only Duroc show in which the Loomis herd was entered last year. This herd would have made an even more enviable record had it been entered at other shows.

Due to having too many herd sires and a desire to offer an unusual special attraction Mr. Loomis will sell Giant Orion Sensation in this sale. Here is a fine opportunity for some one to put at the head of his herd a good son of the 1919-21 world's grand champion boar. Sensation Pathfinder also sells. Here is another good boar for some one.

Write today for a catalog. Please mention Kansas Farmer-Mail & Breeze.

John Loomis, Emporia, Kansas

If you are unable to be present, send mail bids to J. T. Hunter who will represent the Capper Farm Press.



Northeast Kansas Sale Circuit

175 Duroc Jersey Bred Sows and Gilts—175

Pig club boys, breeders and farmers invited

Bendena, Kan., Wednesday, February 22

Sale in Bendena's new modern sale pavilion.

45 as richly bred Duroc Jersey bred sows and gilts as will be sold this winter.

25 spring gilts, 20 fall yearlings and tried sows. All of the offering but 10 gilts are bred to our junior herd boar, **Sensation's Defender by Great Orion Sensation** and out of **High Defender dam**. The 10 other gilts are bred to **High Pathfinder's Wonder**.

The sale is full of attractions. 3 spring gilts by **Sensation King (the Vipont boar)**, dam by **Mammoth Sensation**. 3 more by **I Am Great Wonder**; dam a line bred King the Col. sow. 2 by **Great Orion Sensation**, etc. Ask for the catalog at once. Send all your bids to J. W. Johnson in care of Mr. Peterson. Address

M. R. Peterson, Troy, Kan.

Auctioneers, Frank Holtsinger and others.

Horton, Kan., Thursday, February 23

Sale in the usual place, Campion's Sale Barn.

27 spring gilts, the best ever produced on the Gordon Farms; 5 tried sows, and three fall gilts. With the exception of three or four the offering is bred to **Ideal Giant**, by **Wonder's Giant I Am**. A few are bred to **Golden Pathfinder**. 18 spring gilts are by the senior herd boar, **Sensation King by Great Sensation**. Seven real ones out of **Sensation King dams** and sired by **Golden Pathfinder by Ideal Pathfinder**.

Write this on the margin of your catalog that gilts by **Sensation King** or **Golden Pathfinder** bred to **Ideal Giant** will produce valuable litters. Ask for our catalog at once. Send your bids to J. W. Johnson in our care. Address

Gordon & Hamilton, Horton, Kan.

Auctioneers: Frank Holtsinger, C. G. Streeter.

Corning, Kan., Friday, February 24

Sale in the usual place, heated garage, half block from the depot.

40 well bred, well grown, well handled bred sows and gilts. 32 of this number are spring gilts, largely by **King Sensation I Am**, **Proud Pathfinder** and a few by **B's Great Orion Sensation**, a few by **Joe Wonder Orion** by **Joe King Orion**. The entire offering is bred with the exception of eight head to the herd boars, **King Sensation I Am**, and **Proud Pathfinder**. The eight others are bred to the great show and breeding boar, recently acquired, **Great Orion Sensation 2nd**, undoubtedly the greatest son of **Great Orion Sensation** in Kansas.

Others are real attractions. One by **Highland King**; one by **Orion Cherry King**; one by **Joe Orion 5th**; one by **Giant Pathfinder**; one by **Prince Pathfinder**, etc. My catalog is ready to mail. Send all your bids to J. W. Johnson in my care. Address

R. E. Kempin, Corning, Kan.

Auctioneers: Jas. T. McCulloch and others.

Centralia, Kan., Saturday, February 25

Sale in sale pavilion at the farm joining town.

47 tried sows, fall yearlings and spring gilts. 11 tried sows, nine bred to **B's Great Orion Sensation**. 1 to **B's Pathfinder** and one to **Orion King Bob**. 5 fall yearlings bred to **B's Great Orion Sensation**. 31 spring gilts, three bred to **Great Orion Sensation**, 21 to **B's Pathfinder**, five to **B's Major Sensation** and two to **Orion King's Bob**. Some of the tried sows will weigh 700 pounds and seven of them are of **Pathfinder** breeding. The fall yearling gilts will weigh from 450 to 500 pounds and are of **Pathfinder** breeding. The spring gilts will weigh from 300 to 400 pounds and are by **B's Great Orion Sensation**, **Col. Invader**, **Orion's King Bob**, **Rosebud's Pathfinder**.

This is a real offering of richly bred, well grown gilts and proven sows. Send your bids to J. W. Johnson in care of Dr. Burdett. For the catalog write at once to

Dr. C. H. Burdett, Centralia, Kan.

Auctioneers: Jas. T. McCulloch, Perry Glancy, Art Polson, Elmer Cain.

a Duroc Jersey right. The sows and gilts are practically all bred to **Ideal Giant**, a wonderful young boar, of correct type and sure to make himself talked about. Mr. Hamilton in a recent letter to me said don't let them forget that a sow or gilt by **Sensation King** or **Golden Pathfinder** and bred to **Ideal Pathfinder** will produce a litter as good as any sow that goes through a sale this winter. If you know Mr. Hamilton you know he is not given to making extravagant statements. But this is evident from what he has been able to do with these lines of breeding. The sale is the second day in the Northeast Kansas circuit and follows the Peterson sale at Bendena on Wednesday. It is the day before the Kempin sale at Corning.—Advertisement.

L. L. Humes's Duroc Sale

L. L. Humes, Glen Elder, Kan., Mitchell county, sells 81 Duroc Jersey bred sows and gilts in his big annual draft sale from his **Monarch** herd. The sale will be held on his farm about nine miles south of Glen Elder. It is also driving distance from Beloit, only about 18 miles southwest. In this sale he is selling one of the most useful and well grown and well conditioned offerings of bred sows and gilts ever sold from the **Monarch** herd and several offerings have been sold from it during the last four or five years. The great herd boar **Calculator**, grand champion at the big Kansas national in 1921, sired many of the sows and gilts in the sale and a number are bred to him. **Highland Cherry King**, a splendid son of **Orion Cherry King**, has been used extensively in the herd and some of the gilts are by him and many are bred to him. **Roy Humes** is one of the best breeders of Duroc Jerseys in the state. He was the first president of the state Duroc Jersey breeders' association and one of its promoters. He has been a careful and painstaking buyer of such animals as he felt would strengthen his herd and he is a careful feeder and a student of his business and is making a big success. You will find this big sale a mighty good place to buy sows and gilts and from the number in the sale you will have a good chance to select the kind you want. Come to Glen Elder and you will find a good hotel right near the depot and auto conveyance to the farm and back in the evening in time for trains either east or west. But write today for the catalog. Address, L. L. Humes, Glen Elder, Kan.—Advertisement.

The Campbell-McKenzie Sale

E. A. Campbell and O. A. McKenzie, Wayne, Kan., Republic county, are neighbor breeders of Shorthorn cattle and Poland China hogs that are going to hold a combination sale at that place Monday, Feb. 27, to sell some surplus of the Shorthorn division of the sale will be found such cattle as has usually topped the Northwest Kansas Shorthorn breeders' sales at Concordia. Both of these breeders have been good contributors to these association sales and the quality of the offering of Shorthorns on this date will be fully as good. There will be 10 cows, several of them with calves at foot. **Lord Albion**, a wonderful bull and good enough to win first at the **Belleville** show last fall in a Shorthorn class that was open to the world and where there were good bulls to compete with. A few weeks later he went to Topeka where he was placed second in a real bull class. All of the females, 10 cows and five two-year-old helpers, are bred to him. A few of the cows will have their calves by sale day and all will calve by spring. There are seven real bulls in the sale ranging in ages from yearlings to long yearlings. It is real Shorthorns you will find in this sale. 30 Poland China brood sows will be cataloged and they are actual sows and of the best of big type breeding. They are bred to good boars and are of the larger-type, prolific and the paying kind of hogs on any farm. If you are a breeder and need a few sows, or a farmer and want to get back in the hog business with a real foundation, come and buy a few of these sows. It is especially a good place for the pig club boys looking for real sows or gilts. The catalog is ready to mail right now. Address either E. A. Campbell or O. A. McKenzie, Wayne, Kan. You are buying of men who have the interests of better stock at heart and you will not be allowed to bid on anything that is not right in every particular. Write for the catalog today.—Advertisement.

R. E. Kempin's Duroc Sale

R. E. Kempin, Corning, Kan., sells 40 Duroc Jersey bred sows and gilts in garage a half block from the depot and about the same distance from a good hotel in Corning. This is the usual place where the Kempin sales are always held. In this sale "Bob" Kempin is selling an excellent lot of sows and gilts (32 of the offering are spring gilts) that have been reserved and bred expressly for this sale. They are daughters of **King Sensation I Am** and **Proud Pathfinder**, two good herd boars that have been in the Kempin herd. A few are by **Joe Wonder I Am** and **Joe King Orion**. They are bred to the best advantage to one or the other of the boars mentioned except eight that are bred to **Great Orion Sensation 2d**. This is the great boar that **Bob** bought recently from a Nebraska breeder. He is called one of the greatest sons of **Great Orion Sensation** and undoubtedly is one of the great Duroc Jersey boars in the west. He will be shown next season and a sow or gilt bred to him is sure to prove a profitable investment. You will have an opportunity to see him sale day. Other things in the sale that will prove attractions are a number of fall yearling gilts and tried sows, every one a profitable sow or an attractive fall yearling. The spring gilts are classy and no mistake. The Kempin sale is the third sale in the northeast Kansas circuit. It follows the Gordon & Hamilton sale at Horton on Thursday, Feb. 23, and is the day before Dr. Burdett's sale at Centralia on Saturday. We are going to stay all night in Horton the night of the Peterson sale at a good, comfortable hotel and the next night and go to Kempin's Friday morning. We will stay all night at a dandy little hotel in Corning Friday night and go to Centralia Saturday morning for Dr. Burdett's sale. In the Kempin sale you will find one of the really useful offerings of bred sows and gilts of the winter. Write for the catalog today and plan on going to the sale.—Advertisement.

BY J. T. HUNTER

The **Albin-Cooley Duroc** sale is to be held at the pavilion at Emporia, Kan., Feb. 18. Some high class Durocs sell in this sale and buyers desiring good ones should attend this sale. Consignors are **Simon** and **R. G. Cooley**, both of Plymouth, Kan., and **Will Albin**, Saffordville, Kan.—Advertisement.

Last Call for Wells-McMaster Sale

On Tuesday, Feb. 14, G. S. Wells & Son and A. E. McMaster of Ottawa, Kan. sell

60 choice Spotted Polands at the Ottawa pavilion. These are the right kind of Spotted Polands, well bred and have good markings. Spotted Polands are gaining favor rapidly. Better attend this sale and get a few.—Advertisement.

G. S. Wells & Son and A. E. McMaster of Ottawa, Kan., sell 57 Spotted Polands at Forest Park Pavilion, Ottawa, Kan., Tuesday, Feb. 14. Advertisements of this sale have appeared in the last two previous issues of the Kansas Farmer-Mail & Breeze. A revised and smaller advertisement appears in this issue correcting a few mistakes that appeared in previous issues. Read advertisement in this issue.—Advertisement.

W. B. Conyers Sale at Piedmont, Kan.

Duroc breeders planning to attend the B. W. Conyers, Severy, Kan., sale Monday, Feb. 13, will please note that the sale will be held in Piedmont, Kan. Mr. Conyers lives on a rural mail route out of Severy, Kan., but lives near Piedmont. Mr. Conyers' sale advertisements in the last two issues of the Kansas Farmer-Mail & Breeze did not contain the information that his sale would be held at Piedmont, Kansas. Hence this correction.—Advertisement.

Last Call for Stafford Poland Sale

See last two issues of the Kansas Farmer-Mail & Breeze for advertisements of the Poland Association sale to be held at Stafford, Kansas, Saturday, Feb. 18, 1922. There will be fifty well bred individuals in that sale consigned from some of the very best Poland herds of that section of the state and it is an accepted fact that some of the very best Poland herds of the state are located in that county. It is not yet too late to write E. E. Erhart, secretary, Stafford, Kan., for a catalog. Get one to-day. Please mention Kansas Farmer-Mail & Breeze. If unable to attend, send mail bids to J. T. Hunter in care of Mr. Erhart.—Advertisement.

Overstake Bros.' Durocs

Overstake Bros., Atlanta, Kan., change their advertisement in this issue to offer for sale a few 200-pound gilts bred for April and May farrow at \$20.00 each. They are cholera immunized and fall boars at \$15.00 also offer fall gilts and fall boars at \$20.00. Overstake Bros. have been quietly developing a real herd of Durocs and have sold a considerable number at private treaty. Customers always seem well pleased and it is recommended that if you need Durocs like these Overstakes offer for sale that you should write them immediately. The breeding will suit the careful buyer also. When writing please mention Kansas Farmer-Mail & Breeze.—Advertisement.

Ralston Stock Farm Duroc Sale

The R. P. Ralston Stock Farm is one-half mile south and one mile east of Benton, Kan. At this farm, Monday, Feb. 20, will be sold 2 boars, 40 gilts and 8 tried sows. Sires at the head of the herd are **Great Sensation 2nd**, **Orion's Sensation**, **Wonder**, and **Long Pathfinder**. Read the advertisement in this issue of the Kansas Farmer-Mail & Breeze for detailed information concerning the pedigree of these good sires. A number of the offering were sired by great sires such as **Great Sensation**, **King of Orion Cherries**, etc. It will be a blending of the **Sensation**, **Pathfinder**, and **Orion Cherry King** blood lines. Just the thing you are looking for. Everything double immunized and showing with pig. Write today to Mr. A. B. Ralston, sale manager, Towanda, Kan., for a catalog. Please mention Kansas Farmer-Mail & Breeze.—Advertisement.

W. R. Huston and Stewart & Sons Duroc Sale

On February 28, W. R. Huston and J. C. Stewart & Sons of Americus, Kan., will sell one of the good offerings of Durocs that will be sold in Kansas this season. The tried sows, fall gilts and spring gilts that will go in this sale are all bred for March and April litters. They are sired by such boars as **Pathfinder's Image**, **Greatest Sensation**, **Alley's Model Orion** and other outstanding sires of the breed. They are bred to **Waltmeyer's Giant**, **Greatest Sensation**, **Sensational Goldfinder** and **Sensational Pathfinder**. The offering will include thirteen head of tops consigned from the good herd of J. C. Stewart & Sons. This consignment will nearly all be bred to **Alley's Model Orion**. The offering as a whole will be one of the best sold this season, and Duroc breeders on the market for richly bred Durocs of high class individuality should arrange to attend this sale. Look up the advertisement in this issue and write at once for catalog.—Advertisement.

The Southern Kansas Duroc Circuit Sales

Nothing beats the hog for economy. He is the greatest scavenger and the greatest reproducer of all domestic animals and can be raised with less labor and less capital than any other domestic animal and the number of meat products with their high palatability and excellent keeping qualities insure ready sale for pork. Practically every farmer can raise a few hogs at least and he should start right by getting good ones. If he has a herd already established then he should occasionally add to it some as good or better than what he has in his herd. The Kansas Farmer-Mail & Breeze issues of Jan. 28 and Feb. 4 contain circuit advertisements of the following sales: B. W. Conyers, Severy, Kan., Feb. 13; W. D. McComas, Wichita, Kan., Feb. 14; W. D. Otey & Sons, Winfield, Kan., Feb. 15; Woodruff & Danner, Winfield, Kan., Feb. 16; J. F. Larimore & Sons, Grenola, Kan., Feb. 17. These advertisements give general information concerning the sales of these fine breeders. If you want some good Durocs attend these sales. You may have time to get catalogs of some of the sales if you write at once.—Advertisement.

Sullivan Bros. Sell Polands at Iola

Wm. H. and O. W. Sullivan or Sullivan Bros., Moran, Kan., have a good herd of Polands and sell at auction at Iola, Kan., Wed. March 1, a good offering of 7 sows, 24 gilts, and one boar. The sale is held at Iola because of railroad connections and opportunity to get a large, well-equipped pavilion. Sullivan Bros. have been raising Polands for a number of years. They raised them in Iowa for several years before they came to Kansas and knowing the progress made by the different sires of the eastern corn belt, they have, from time to time, put into their herds sons of the best boars of that eastern section. If you will read of the Sullivan Bros. advertisement in this issue of the paper you will see that they have some of the most widely known and most generally approved blood lines of the breed in their herd and have had it in mind enough now to have for sale some good sows and gilts carrying these blood lines. A recently purchased junior sire by Designor

has been mated with most of the gilts and if you want some Dignior blood in your herd here is your opportunity to get it. Write Sullivan Bros., Moran, Kan., for a catalog. Please mention Kansas Farmer-Mail & Breeze.—Advertisement.

Jno. Loomis Sells Durocs Feb. 23

Jno. Loomis, Emporia, Kan., on Feb. 23 sells at the Emporia, Kan., sale pavilion 50 bred sows and gilts and 2 boars. Few Kansas offerings this winter and spring can show such richly bred Durocs as will be sold in the Loomis sale. Just read the display advertisement of this offering in this issue of the Kansas Farmer-Mail & Breeze to see how exceedingly well bred an offering is being presented by Mr. Loomis. There are 190 many herd sires in this herd to justify retention of all of them and Mr. Loomis is putting one of the very best of them in this sale: Giant Orion Sensation by the 1919-21 world's grand champion boar, Great Orion Sensation. This is not a boar that he is selling just to get rid of. This boar is going into the sale as an attraction and some one will find here a great boar for a herd header. Another good boar that he is selling is Sensation Pathfinder by Pathfinder's Image. The Loomis herd was shown at but one fair last year, the Lyon county fair, and there won grandchampionship on boar and sow and in futurity spring boar pigs won all places up to and including 6th place. In futurity spring sow pigs it won every place but 4th up to and including 6th place. Had the herd been taken to other shows it would have been a strong contender for the better places. This is a real producing herd and if you want good Durocs you should attend the Loomis sale, Feb. 23. Write today for a catalog. Please mention, Kansas Farmer-Mail & Breeze.—Advertisement.

Great 5 Days' Sales Newton, Kansas

The Harvey County Livestock Improvement association puts on the annual spring sales at Newton, Kan., Tuesday to Saturday, February 28 to March 4. O. A. Homan, Peabody, Kan., is president of the association and will again be manager of these sales. The order of sales will be as follows: Durocs, Tuesday, February 28; Poland and Spotted Polands, Wednesday, March 1; Ayrshires and Ayrshires, Thursday, March 2; Shorthorns, Friday, March 3, and general dairy sale, Saturday, March 4. W. H. Mott, Herington, Kan., will manage the Holstein sale Thursday, March 2. From a one-day Shorthorn sale held semi-annually at Newton the present big 5 days' sales have developed to supply the demand of farmers of southern Kansas for good quality registered livestock. If you will read the display advertisement of these sales in this issue of the Kansas Farmer and Mail and Breeze you will get a good idea of the magnitude of these sales. Note the names of important breeders and quality of animals consigned. So many breeders scattered over the country are consigning to these sales that it has been impossible to assemble all the data concerning the offering for publishing in the advertisement in this issue. Watch for the advertisement to appear in February 18 issue for new information concerning the sales. Meanwhile write Manager O. A. Homan, Peabody, Kan., for catalog of the sales in which you are interested. Be sure to mention the Kansas Farmer and Mail and Breeze.—Advertisement.

Buy Purebred Polands at the Pratt Sale

The farmer who year in and year out raises a few hogs never loses by so doing and each year usually makes from a little to a considerable amount of money. The farmer individually exercises little control over market prices but it does lie within his power to control to a large degree the cost of production and at this time as never before must he pay careful attention to cost of production. Producing and growing scrubs is to be avoided; and that is done by care and selection of sires and dams. Years ago farsighted men began to select good individuals of certain breeds of livestock and began mating them. They discarded the poorer quality descendants and allowed only the good ones to breed on. These breeders kept careful record of the matings and bred for certain types and today we have the big type Poland as one illustration of what has been accomplished by breeders thru the many years of improvement of that breed. It is an easy keeping animal that produces more pork on the same amount of feed under the same care than will the ordinary Poland of unknown parentage. The relatively rapid introduction of the purebred Poland among farmers in comparison with the production of grade Polands is sufficient proof that purebred hogs are more remunerative. Fortunately, Kansas has a number of herds of some small where surplus purebred Polands may be secured. Some good herds are located in Pratt county where an auction sale will be held at the county seat, Pratt, Kan., Friday, Feb. 24, at which time 27 sows, 27 gilts, and 3 boars will be sold. These will be consigned by 7 of the best Poland breeders of that section of the state. Read the advertisement in this issue of the Kansas Farmer-Mail & Breeze. Send for a catalog. Please mention Kansas Farmer-Mail & Breeze. Address Mrs. C. J. Shannon, Secretary, Turon, Kan.—Advertisement.

BY T. W. MORSE

National Shorthorn Congress, Feb. 21-22-23

Existing conditions are most favorable for the investment in purebred Shorthorns and the coming Shorthorn Congress at Chicago, Feb. 21-22-23 is a peculiarly opportune time for prospective buyers. Present prices assure to buyers a certain degree of profit and with the number of high class Shorthorns included in the Congress Sale from representative herds throughout the land the investment is accorded a further advantage. It is worth while to attend the National Shorthorn Congress in view of the magnitude of the show and the representative attendance from all parts. It is an occasion appealing to all who are interested in beef cattle production. It is doubtful if any Shorthorn Congress up to date has presented as many outstanding individuals in the show and sale as have been catalogued for the forthcoming event.—Advertisement.

BY O. WAYNE DEVINE

H. W. Flook & Son's Duroc Sale

On February 28, H. W. Flook & Son of Stanley, Johnson county, Kansas, will sell at the farm 50 head of valuable Duroc sows. They are a well grown lot and will sell at prices that any farmer can afford to buy. The catalog gives complete information and breeding of the herd. Farmers and breeders interested in Duroc swine should send today for the catalog. The sale will be held right in town. Parties can come on Frisco railway from Olathe or Belton or come on the

Harvey County Livestock Improvement Association

5 Days Annual Spring Sale—5 Days

Newton, Kan., Feb. 28 to March 4

Duroc Sale, Tuesday, Feb. 28

40 Head—9 Sows, 30 Gilts, 1 Boar

Females bred to or sired by Maplewood Pathmaster, Pathron, Jack's Orion King A, Pathfinder Graduate, D. O's Orion, Repeater, Select Orion, King Col, the Great, Orion King A, Critic Model, Smooth Sensation, Sensation's High Giant, Sensation Pilot B, etc. Consignors: W. D. McComas, Wichita; Homer Drake, Sterling; M. E. Lingle, Conway; M. S. McGraw, Newton; T. H. Savage, Newton; Dr. C. E. Branch, Marlon; Wesley Trumbo, Peabody, etc.

Poland and Spotted Poland Sale Wednesday, March 1

39 Polands—15 Sows, 24 Gilts

Sired by or bred to Big Wonder, Buster Knox, Big Hadley, A Big Wonder, Kansas Giant, Big Jumbo, Big Joe Jr., Fessy's Timm, Giant Joe, Latchnite, etc. Consignors: W. F. Long, Burrton; J. F. Bell, Newton; A. H. Johnson, Newton; Henry Tangeman, Jr., Newton; Mr. Nichols, Sedgwick; A. H. Taylor & Son, Sedgwick; Deming Ranch, Oswego.

Spotted Polands—6 Sows, 1 Gilt

Sired by or bred to Spotted Wonder, Highlander, Spotted King, Valley King, Arch Back Joe. One lot will be a sow with litter of pigs. Consignors: J. F. Mathers & Son, Hanston; Harry Homan, Peabody; John Dietrich, Plymouth.

Sale of Holsteins and Ayrshires Thursday, March 2

30 Registered Holsteins

including several A. R. O. cows and good serviceable bulls. Some females with calves at foot.

40 High Grade Holsteins

Some with calves at foot by registered bulls.

3 Registered Ayrshire Cows

1 Ayrshire bull consigned by G. F. Mathers, Hanston, Kan. Holsteins for this sale have been assembled by W. H.

O. A. Homan, Mgr., Peabody, Kan.

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Mott, Herington, Kan., who will manage the sale. Detailed information may be obtained from him at once if you wish to write him.

Shorthorn Sale, Friday, March 3

56 Head—8 Cows, 31 Heifers, 17 Bulls

Sired by or in calf to Matchless Dale; Sittyton Dale by Matchless Dale; White Hope; Hopeful, a Collynie bred bull; Master Pavoma; Butterfly Sultan, a grandson of Whitehall Sultan; Vera's Cumberland; Color Bearer by Maxwellton Rosedale; Secret Hope by White Hope; Pride of Orange; Royal Diamond; Gloster Jr.; Pedro; Scottish Champion; Fair Acres Sultan 2nd; etc.

It should be noted that a considerable number are exceedingly well bred, some of which are by imported bulls or the best bulls of this part of the country. Some are out of imported dams. A number of the bulls are real herd header prospects. A number of females will have calves at foot.

Consignors: O. A. Homan & Sons, Peabody; Preston Hale, Bazaar; Harry Leclerc, Burrton; W. A. Young, Clearwater; O. E. R. Schulz, Ellsworth; H. W. Davis, Peabody; C. I. Rose, Newton; H. E. Davies, Pendennis; M. S. McGraw, Newton; Mrs. F. H. Yeager, Bazaar; G. O. Thomas, Walton and Joseph Gibbs, Claremore, Okla.

Dairy Cattle, Saturday, March 4

40 High Grade Holsteins

Bred to registered bulls. Some with calves and others close up springers consigned by Hammon Bros., Olathe, Kan.

Fall and spring sales at Newton, Kan., under auspices of the Harvey County Livestock Improvement Association and under management of O. A. Homan, Peabody, Kan., are well established affairs. A large number of buyers attend these sales to which the best breeders of southern Kansas consign livestock. Watch for next week's advertisement in this paper. Plan to attend the sales.

Write Manager O. A. Homan, Peabody, Kan., for catalog of sales, in which you are interested and be sure to mention Kansas Farmer and Mail and Breeze when you write.

Herefords—Shorthorns—Durocs Association Sale, McPherson, Kan., Tuesday and Wednesday, February 21 and 22

HEREFORDS; Tuesday, Feb. 21—15 cows and 14 bulls sired by Dandy Andrew 29th and Mainstay 4th, both Anxiety 4th bulls, and three Dirigo bulls of Columbus breeding. Out of Keep On, Rupert, Beau Donald, March On, Don Carlos, etc., dams. These are heifers, cows, and serviceable aged bulls consigned by E. J. Sellberg, McPherson; A. T. Sellberg, Marquette; Grover Andes, Windom; G. Woerz, McPherson; W. C. Cummings, Hesston.

SHORTHORNS; Tuesday, Feb. 21—A number of good Shorthorns by Archer, Kansas Sultan 2nd, etc. Some important names on the pedigrees are Bampton Sultan, Choice Goods, Bruce Augustus, Lavender Viscount, Prince Valentine, Searchlight, and Gallant Knight. Consignors are: M. D. Slabach, Conway; Lucien Russell, Galva; Anton Peterson, Lindsborg; Luther Elmquist, Lindsborg; Owen O'Neill, Windom; Carl Johnson, Windom.

DUROCS; Wednesday, Feb. 22—11 tried sows and 29 spring gilts. Tried sows mostly by Royal Sensation, and Royal Pathfinder. Out of Royal Grand Wonder sows and bred to Victory Sensation 3d by the twice national grand champion. Most of the spring gilts are by Victory Sensation 3d and bred to Sensation Boy by Shepherd's Orion Sensation. A number are out of Illustrator sows and some are bred to an Illustrator boar. VICTORY SENSATION 3D was second in class at 1921 Kansas fair and first in class and senior champion at 1922 Kansas National. Consignors are M. E. Lingle, Conway, and B. R. Anderson, McPherson.

Address V. M. Emmert, Sec'y, McPherson Co. Breeders' Association, McPherson, Kan., for catalog of each sale. Please mention Kansas Farmer-Mail and Breeze. Lafa Burger, Auctioneer. J. T. Hunter, Fieldman.

Farm has a lot of strictly good Duroc Jersey gilts bred to farrow in April. Belle Meade Farm does not grow its own supply of corn but has to buy it on the Kansas City market. It is in position, therefore, to pay a good premium over local corn prices without adding to the feed cost of the farm. It proposes, therefore, to give the man who owns the corn and needs the hogs, the benefit of this situation. As it can trade hogs for corn without having to allow any more for corn than it now is paying, it proposes to put the hogs on a very low price basis. Any good farmer knows that \$35 to \$40 for bred Duroc gilts of this class is very moderate. A lot of public sales already held have averaged from \$45 to over \$100 per head. To get full particulars, write Belle Meade Farm, Martin City, Mo., give your shipping station, tell how much corn and what kind you have for sale or trade and give your requirements in the way of Duroc Jerseys. Mention the Kansas Farmer-Mail & Breeze in writing.—Advertisement.

Haven't You Some Corn to Trade?

A good premium over the market price for corn is being offered by Belle Meade Farm of Martin City, Mo. Belle Meade

Strang line from Kansas City to Overland Park where cars will be met. For catalog write to H. W. Flook & Son at Stanley, Kan. Kindly mention this paper.—Advertisement.

Last Call Nevius Sale

As a last reminder to farmers and breeders wanting some Poland China sows this spring, we would call special attention to the offering of C. S. Nevius & Sons at Chiles, Kan., on February 14, 1922. The 20 big spring yearlings and fall gilts and 25 big spring gilts that are as large as any that will be sold this spring and they carry the blood lines of Caldwell's Big Bob, The Jayhawk, Bob's Equal, Model Big Jones, Timm's Orange, Long Big Bob and Super Buster and 27 head are bred for March and April litters to one of the best boars in Kansas, King Kole Leader by the grand champion King Kole and his dam was by a grand champion Big Bone Leader. If you have not received a catalog send for one today and plan to attend this sale.—Advertisement.

BY C. L. CARTER

The Hereford Round-up Sale

Farmers and stockmen needing bulls for their farms and ranges this spring, or females to add to their present herds or to start new herds will be interested in the Hereford Round-up in Kansas City commencing March 1. Over 500 Herefords from 75 herds will be offered. About 400 bulls have been consigned, including sons and grandsons of the following bulls: Beau Blanchard, Repeater, Beau Mischief, Bright Stanway, Domino, Woodford, Beau Dandy, Bocaldo, Bonnie Brae 8th, Bonnie Lad 20th and Perfection Fairfax. The sale will be under the auspices of the American Hereford Cattle Breeders' Association. Write R. J. Kinzer, Sec'y, for catalog or information, at 11th and Central Street, Kansas City, Mo., and mention this paper.—Advertisement.

Belgium Imported Melotte

22% Cut In Price

MELOTTE, the Edison of Europe, manufacturer of the greatest Cream Separator the world has ever known, announces a sweeping reduction in prices. Labor conditions in general together with tremendous re-building and re-organizing efforts put forth by this big man of Belgium has resulted in cutting production costs to the bone.

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Before buying any separator find out how the Melotte has won 264 Grand and International Prizes and how, for efficiency of skimming, ease of turning, convenience of operation and durability—the Great Belgium Melotte has won every important European contest. Find out why 500,000 Melotte Separators are in continuous use today.

Our 15 Year Guarantee What U. S. Government Says!

Every Belgium imported Melotte Cream Separator is sold under an absolute, ironbound, 15-year guarantee. No Melotte is ever sold except under this guarantee. A guarantee written in plain English so that you can understand it. A guarantee that is 100% stronger than any other separator guarantee ever made. A guarantee that really guarantees something—upon which you can absolutely rely—an absolute protection to the purchaser, and which binds us to our bargain.

Vibration of a cream separator's bowl will soon cost you more money in cream waste than the price of your separator. U. S. Government Bulletin No. 201 says that a perfectly true motion of the bowl is absolutely necessary. The bowl is the vital part of any separator—the part where the cream separation takes place.

Self-Balancing Bowl

The Belgium Melotte is the only single-bearing-bowl separator made. This patented bowl hangs from one frictionless ball bearing and spins like a top. It is self-balancing. It skims as perfectly after 15 years' use as when new. Positively can not get out of balance—can not vibrate and thus cause cross currents which waste cream by re-mixing with the milk. The 600 lb. Melotte turns as easily as the 300 lb. machine of other makes. Spins for 25 minutes without a brake is applied. No other separator has or needs a brake. The Melotte bowl has solved the problem of perfect skimming.

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—NO MONEY DOWN—FREE TRIAL—SMALL MONTHLY PAYMENTS—DUTY FREE
We will send an Imported Melotte Cream Separator direct to your farm on a 30 days' absolutely Free Trial—no deposits—no papers to sign—use it as if it were your own separator. Satisfy yourself that the porcelain bowl is as easy to clean as a china plate. Compare it—test it in every way.
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After 30 days free trial, then send only the small sum of \$7.50 and the balance in small monthly payments. The Melotte pays for itself from your increased cream checks.
You're not to send one cent until you've used this great Belgium Melotte and have made up your mind

it is the machine you want. Keep it for 30 days and use it just as if it were your own machine.
Compare the Melotte separator with any other—test them side by side. Then send your milk to the creamery. Let them prove which separator skims the cleanest.

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Mail coupon for catalog giving full description of this wonderful cream separator. Read about the porcelain-lined bowl. Easy to clean as a china plate. One-half less tinware to clean. An exclusive Melotte feature. Other exclusive Melotte features described in full.

Don't buy any separator until you have investigated the Melotte. Take advantage of the 30 day free trial which Mr. Melotte has now authorized us to offer. Test the Melotte against all other separators and satisfy yourself as hundreds of American farmers have done that it is the world's greatest separator. The only separator that requires a brake. It is so easy to turn that it spins twenty-five minutes after you stop cranking. And remember it is guaranteed for 15 years. Don't wait—be sure to mail coupon TODAY!

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