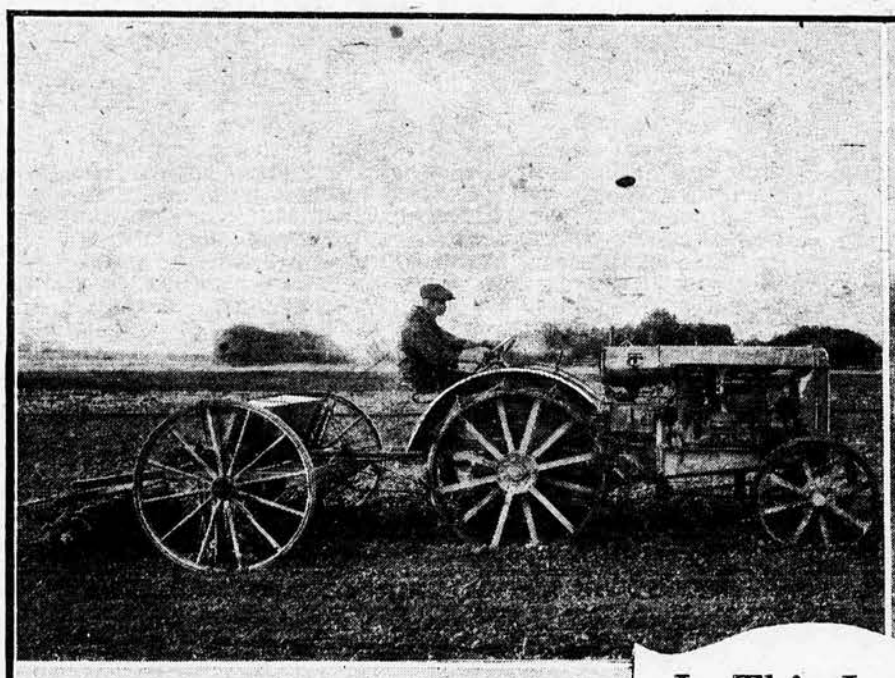
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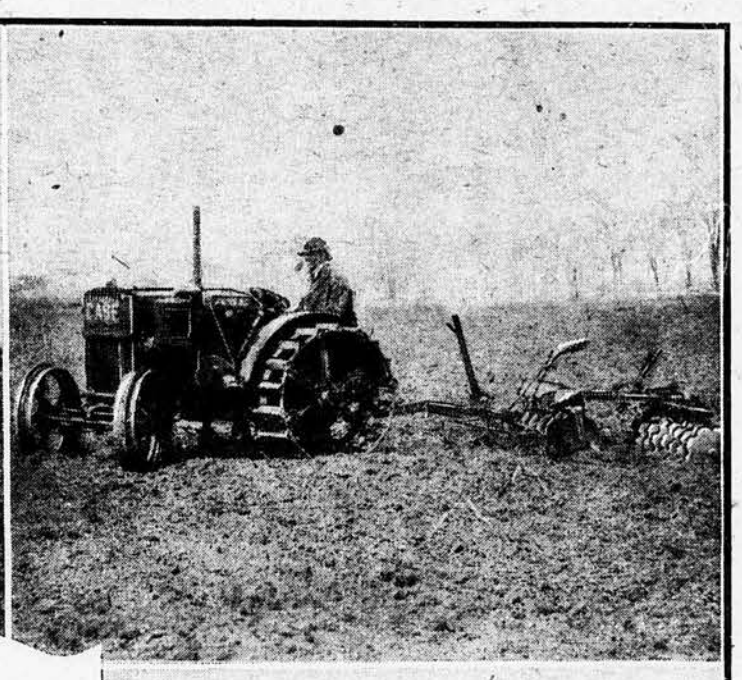
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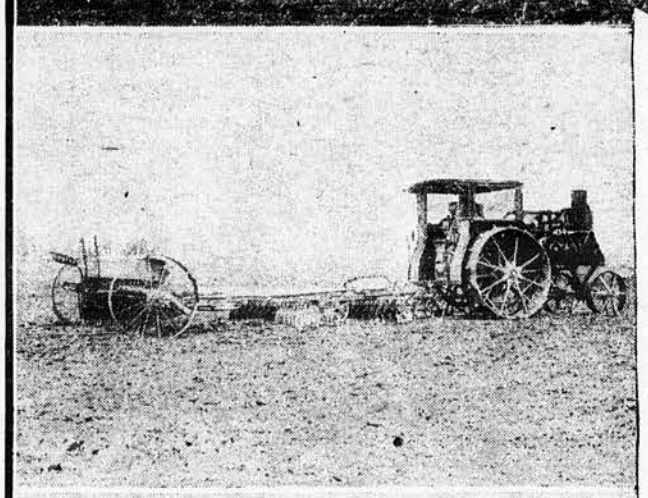
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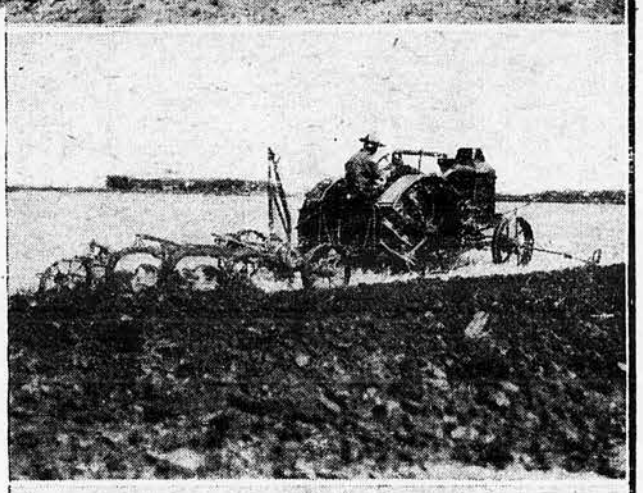
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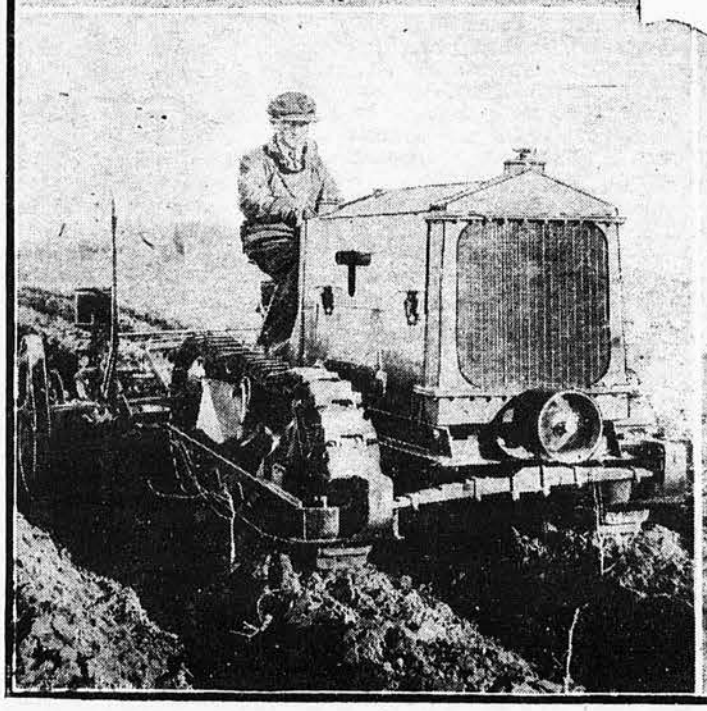
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Farm News From Colorado

BY E. J. LEONARD

ACCORDING to a dispatch from Montrose, Colo., crops in the Uncompahgre Valley on 2,841 acres were not harvested in 1922. Most of this land was in potatoes. There are 344 acres of orchard crops, mostly apples. The amount of agricultural products now stored in this valley is very much higher than the storage of a year ago. More than half the potato crop is still on hand or 1,279,377 bushels. There are 3,540,500 pounds of apples now in storage. Here in Eastern Colorado apples are retailing at 10 cents a pound and selling by the bushel from $1 up.

Legislature Going Slow

The state legislature has been in session about 1½ months. No important bills have yet been passed. Among the bills of major importance and of state-wide interest are the measures for co-operative marketing and the administrative code bills. These have been discussed a great deal on the side but neither have been reported out of committees so there has yet been no debate on these in the open houses. The marketing bills are those framed following the suggestions of Aaron Sapiro, the California legal expert on the line of co-operative marketing. The code bills aim at economy in the state administration by combining or abolishing commissions and boards and rearranging matters in regard to the main departments of the Government. Regarding the state rangers, the governor has taken the matter in his own hands and discharged the entire force February 1 without waiting for legislative action. The first bill to become a law is a measure which abolishes all free automobile licenses. This will add $15,000 in state revenue, it is said.

Why They Failed

According to a survey recently made public by the United States Department of Agriculture, there have been since 1913 failures of 423 farmers' buying and selling associations. The reasons for failure are given as follows:

Two hundred failed because of insufficient business: inefficient management affected 148: insufficient capital 73; over-extension of credit 35; dishonest management 29: concentrated control by a few members 12.

It would be interesting to know how many failed because the members did not stick with their organization when some strong competitor offers more than the legitimate market price for the sake of breaking up the co-operative organization. This sometimes happens in Colorado and possibly in Kansas and elsewhere.

Lamb Feeders Keen Buyers

There is now a demand for feeder lambs so strong that the prices of this class of stock are 25 cents a hundredweight higher on the Denver market than the top on fat lambs. The feeder's game at best is considerable of a gamble. The results are generally either big profits or big losses. When the prices of feeder stock are higher than the market for the finished product, it's time to go a little slow and look pretty carefully into the prospects for higher prices. Many heavy losses in feeding come because of buying too high.

Duroc Sale Succeeds

The first registered Duroc hog sale held at the fairgrounds in Ft. Morgan February 6 succeeded beyond the expectations of the promoters. R. H. Sims in this sale disposed of 24 purebred, registered swine at an average price of $37. Colonel Chandler, Otis and Dennis and Madsen of Ft Morgan, were the auctioneers in charge. There were many buyers present who were quite enthusiastic. Most of this stock remains in Morgan county.

With the H. O. G. S.

The San Luis Valley held a stock show of its own at Monte Vista February 7 to February 9. A new stock pavilion 100 by 200 feet in area was dedicated at that time. It cost $10,000 and was built by subscriptions of life memberships in the H. O. G. Association at $100 apiece. The High Order of Grunts is the great hog growers' society which promotes the show. There were three big auctions. February 8 the San Luis Valley Hereford Association sold 50 head of registered stock. The Del Norte Shorthorn Association February 9 sold 40 head of registered animals while on February 10 there was a general cattle sale. All of these sales will be in the new pavilion.

High Freights Have Made It Unprofitable to Market Many Farm Products

Sugar at Wholesale

The Independent Sugar Company at Fort Lupton has a new feature in its contract with farmers for beets. They have a clause which guarantees each grower the privilege of buying 400 pounds of sugar at the company's warehouse at the wholesale price which the company receives for its output. The Great Western Sugar Company with a factory near is endeavoring to contract acreage in that district.

Farmers' Union Sales Company

As shown by the reports in the recent Farmers' Union State Convention, the Farmers' Union Livestock Commission Company of Denver is fast becoming one of the substantial firms on the Exchange. Here are a few facts taken from the auditor's report:

"The Farmers' Union Livestock Commission Company started July 15, 1919. Up to January 1, 1920, they handled 197 cars of livestock consisting of 71 cars of cattle, 118 cars of hogs, 8 cars of sheep. In the year 1920 they handled a total of 723 cars of stock consisting of 226 of cattle, 483 of hogs and 14 of sheep. In the year 1921 there was a total of 966 cars of stock consisting of 226 of cattle, 483 of hogs 18. In 1922 they handled 1,170 cars, cattle 344, hogs 801, sheep 25 besides buying 35 loads to order." This shows a steady growth with each year. The profits for 1922 were more than $4,000.

Some Cold Farm Figures

The following interesting facts are taken from the Colorado Farm Bureau News:

"The total income of all farms in the United States as compiled by the National Bureau of Economics Research, is in round numbers 11,000 million dollars. The farmer pays out as follows: For the purchase of manufactured commodities 7,000 million dollars. For freight on outgoing products 1,100 million dollars. For interest on mortgages and other loans 1,000 million dollars. For taxes, real estate and personal, 700 million dollars. Total paid out, 9,800 million dollars. Balance left for farmers, 1,200 million dollars. There are 6½ million farmers in America. This will leave for each family $184.

"Out of this sum he must educate his children, pay doctor bills, repair his buildings, pay his life and fire insurance, contribute to his church, and try to save something for the future."

What Will Help

"Every day in every way," people who are not farmers are saying that the agricultural depression is over and that we are entering an era of great prosperity. There is plenty of legislation supposed to benefit farmers, but closing out sales of good farmers is the order of the day. It is not rural credits but fair prices that will help the farmer. Credit only piles up debt. Farmers in Colorado are paying 10 per cent interest, paying the taxes of $8 and $10 a day laborers and of the rich holders of untaxed securities. Excessive freight is taken off the price of farm products and added to everything the farmer buys. No wonder the sheriff is busy. Let's lower interest rates 100 per cent; do the same for taxes and freight, and expand the market.

A New Club Leader

Oliver Waggener, a graduate of the Colorado State Agricultural College, has been appointed as club leader of Weld county at a salary of $1,800 a year and expenses. He succeeds Charles Plumb who recently resigned to take up farming.

The Game of Greed

Governor Sweet recently named a joint commission of building contractors and craftsmen which has met to draw up a 1923 wage schedule in order to prevent delays thru strikes. Here is all the craftsmen ask for, according to the report the day after the meeting:

Carpenters will ask for an increase from $8 a day to $9. Plasterers ask a $2 a day raise making the scale $12. Plumbers will seek to have the present $8 a day raised to $9 or $9.50. Electrical workers ask an increase to $9. Metal lathers who are now getting $9.50 a day are expected to ask $10 or $11.

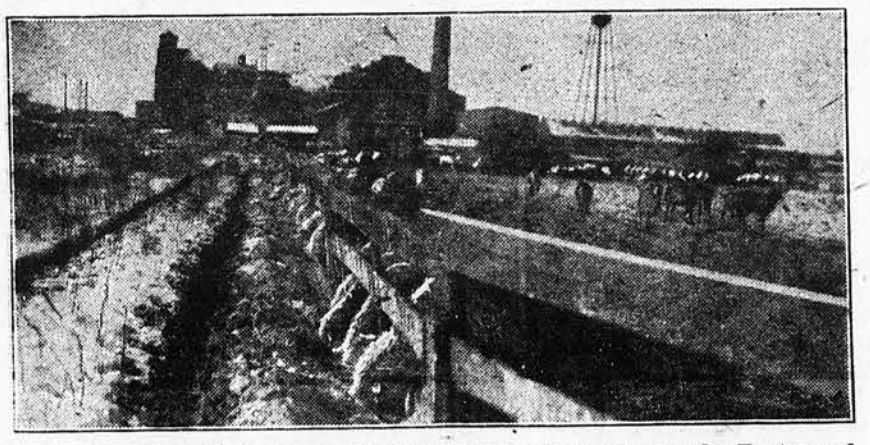
The building contractors have very little concern as to how much is paid for labor as they only have to pass it on and add that much more to the contract price. They never fail to make themselves safe and add still more for good measure. Profiteers are about the only class that can build now, so all they have to do is to buy lower and sell higher. Here's where the farmer comes in, getting it soaked to him both ways, as these silk shirted bandits set both selling and buying prices for him.

K. S. A. C. Record Show Season

The department of animal husbandry of the Kansas State Agricultural College has just completed the most successful show season of its history in that it won a larger number of prizes, won more of the most highly coveted prizes and won these prizes with more classes of livestock including horses, cattle, hogs and sheep than ever before. This year's record is all the more impressive because of the fact that livestock has been improving so rapidly and the number of good animals shown has increased so greatly that competition has become so keen the exhibitor with an animal winning even a 10th prize is exceedingly fortunate.

The department showed livestock this year as follows:

Kansas Free Fair, Topeka—Horses, hogs, cattle, sheep; winning nine championships and 40 first prizes.



Fattening Sheep With Sugar Beet Pulp at Greeley, Colo., at the Factory of the Great Western Sugar Company; Excellent Gains are Reported

Kansas State Fair, Hutchinson—Horses, cattle; winning three championships and 14 first prizes.

American Royal Livestock Show, Kansas City—Horses, cattle, and sheep; winning 15 championships and 36 first prizes.

The International Livestock Show, Chicago—Cattle, hogs, and sheep; winning two championships and three first prizes.

The Western National Livestock Show, Denver—Sheep and one steer; winning five championships and nine first prizes.

This makes a total of 34 championships and 102 first prizes won during the past show season. A few of the most outstanding winnings were the Senior Poland China Pig Futurity at the Kansas Free Fair, the Grand Champion Percheron mare at the Kansas State Fair, the Grand Champion Belgian stallion at the American Royal, the Grand Champion carload of fat lambs at the American Royal, the Champion Dorset wether at the International, and the Grand Champion wether at the Western National Livestock Show. These winnings were all made with animals raised by the college except the carload of lambs mentioned. After making the Kansas State Agricultural College Belgian Stallion, Farsar, Grand Champion at the American Royal the judge, W. H. Kennedy, said: "He is one in a thousand and stands today one of the grandest Belgian stallions in America."

The fact that the college has been able to win on all four groups—horses, cattle, hogs, and sheep, practically all of which were raised by the college—indicates that it is maintaining high class herds and has the right kind of livestock to use in teaching correct ideals to the students studying animal husbandry. In this connection it may be of interest to know that all the show stock owned by the college is developed and maintained primarily for instructional purposes.

Dairy Legislation

In many states in which legislatures are meeting this winter, bills have been introduced having for their object prevention of the manufacture and sale of filled milk within their borders, and also to stop false or misleading use of dairy terms, dairy cow pictures and the names of dairy cattle breeds in the advertising of substitutes for butter or milk. Dairy commissioners, milk producers' associations and state dairy associations and farm bureaus should all lend their influence for all such bills.

The Voight bill regarding which much has been written has already passed the House and is now in the United States Senate where it is hoped it will have favorable action. But this bill only prohibits the shipment of filled milk interstate and forbids the manufacture and sale of these products in the District of Columbia. To prevent the manufacture or sale in different states, it will be necessary to have state legislation.

Senator Capper Aids Orchardists

Sedgwick county orchardists, who lose thousands of dollars annually, are to have assistance in their fight on the codling moth, according to word received by the Wichita Board of Commerce. Thru the efforts of Senator Arthur Capper the Government will send a man to Sedgwick county from the bureau of entomology at Bentonville, Ark., to assist orchardists in their fight. It is estimated orchardists in the Wichita vicinity lose at least $50,000 each year from the destructive worm.

Heads Armour Research

Armour and Company have centered their research and extension work in livestock under the title Armour's Livestock Bureau, with Major Edward N. Wentworth as director. This new bureau will continue the livestock activities conducted under the old bureau of agricultural research and economics, and new fields, particularly in economic research, will be explored.

Thirty-five million pounds of medium Red clover seed came to America from Europe last year. But if you're wise you won't buy. Native home-grown seed of known origin is worth the difference in cost.

KANSAS FARMER and MAIL & BREEZE

February 24, 1923 By Arthur Capper. Vol. 61 • No. 8

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Sticks to 160 Acres and Wins

Intensive Operation of a Small Farm and the Production of Proper Crops and Livestock Will Bring Success, W. J. Adams, Leavenworth Farmer, Says

By Ray Yarnell

TWENTY-ONE years ago W. J. Adams, Leavenworth county, bought a 160-acre farm. He still operates only 160 acres. He has not sought to handle more than that because he believes in making his effort highly efficient, hence liberally productive.

Instead of buying more land as his capital and surplus increased, Adams invested in a modern home and the best of farm equipment. He owns a house that cost $12,000. Near it are well built poultry houses and a garage. Then there is an excellent hog house and several other buildings. A new barn is to be built. Several fields are fenced hog tight. Everywhere the land gives evidence of efficient and painstaking tillage.

Makes No Extravagant Claims

Adams does not set up any claims to being an exceptional farmer. Luck has not figured in his success. Much hard work has been expended on the farm. But the secret of his success is not so much in the hard work as it is in the plan back of that work, the carefully thought out system that directed effort along the lines where it would accomplish most.

Red clover has been one of the most potent factors in increasing production and maintaining fertility, in addition to its contribution as a feed and seed crop. Rotation of crops, constantly practiced, also has made its contribution. Rotted straw and manure and alfalfa, did their part.

The operations of Mr. Adams are highly diversified. He produces wheat as his cash crop. Corn and oats are grown and fed on the place. Hogs, cows and mules consume the alfalfa. Some Red clover is used for hay but more often it is turned under as a green manure crop to add to the soil's ability to yield.

Every hog on the farm is a purebred altho none are sold for breeding purposes. Adams raises purebreds for market because he has found them the most efficient in growing out and fattening. Twice a year he sells a pig crop on the open market and over a long period of years hogs have been unfailing in bringing him a profit.

During the war, when prices soared to $21 a hundred pounds, Adams sold a year's production of hogs for $5,000. He handles about 100 head a year, practically all of which he raises. Once or twice he has bought some young stuff to finish.

"In my opinion," said Mr. Adams, "hogs offer the farmer today his best chance to make a reasonable profit. If he has grown them and raised feed, I feel certain that his operations will be profitable, perhaps highly so. Of course poultry also is profitable, but feeding hogs runs into money much faster and can be considered a major farm enterprise. I feel very confident over the outlook so far as hogs are concerned because nearly every factor seems to be favorable."

Adams has eight purebred Poland China sows and averages from eight to 15. In October he had 52 late spring pigs and 51 fall pigs. The hog house is 22 by 45 feet and contains 14 pens. It has a cement floor, a south exposure and is liberally supplied with windows.

Red clover is planted with wheat and oats in the spring. With wheat it is broadcasted usually in March, altho Adams has sown it on the snow in February with good results. A bushel of seed suffices for 8 acres. Some times the field is harrowed after the clover is sown.

After wheat is harvested the Red clover is permitted to grow until August when the field is plowed. If hay or a seed crop is desired the clover is permitted to stand and the field is planted to corn the following spring. Otherwise wheat or oats are planted.

It is Adams's practice, after wheat harvest, to turn his hogs on the stubble-clover land. He says they pick up enough wheat so they do not need to be grained to make a good growth and the Red clover is an excellent feed. This is a case of economical and efficient feeding. About 40 acres of Red clover is planted every year. Half is plowed under and the remainder left for hay or seed.

Wheat also is grown on corn ground. When the summer growth of weeds is heavy Adams plows corn ground before drilling in wheat. Otherwise the corn ground is disked. This method is very satisfactory when conditions permit of its use, Mr. Adams states.

In preparing a seedbed for wheat Adams plows as early in July as possible. The field then is double disked and harrowed. If a disk is not used the ground is harrowed three times.

Adams grows Reid's Yellow Dent corn. Most of it is fed to livestock but occasionally some has been sold to neighbors for seed. Early in the fall some corn is fed to hogs on the ear. Later when it becomes harder, the corn is shelled and fed to hogs in self feeders.

Rotation System is Simple

The rotation followed on this farm is not involved. The first year wheat and clover are grown, the clover being allowed to mature into a hay crop. The field then goes to corn and the following year back into wheat or oats and clover. That is all there is to it, except that once in a while alfalfa enters for a brief time.

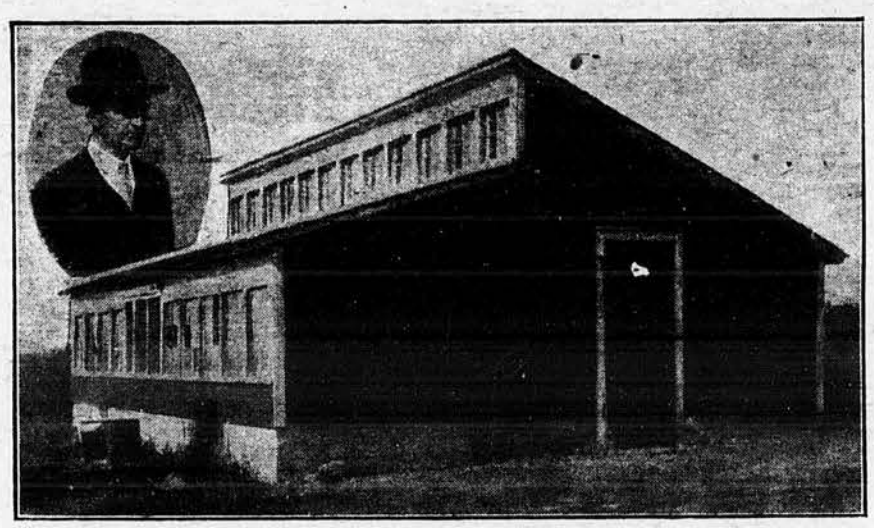
Another factor in improving fertility is rotted straw and manure. Adams stacks straw near the barn and allows cattle, mules and hogs to run to it. They tramp down much straw and manure collects around the stack. During the winter Adams hauls this out on his land, using most of it as a top dressing for wheat. In the spring available manure is spread on ground intended for corn.

"Wherever I top-dress wheat," said Mr. Adams, "I am almost certain to get a good stand of clover and in a way that is as important as my wheat crop. I usually spread from 200 to 300 loads of manure a year, mostly during the season when work is lightest."

The value of rotation, tillage methods, and the use of Red clover and manure, is indicated in crop yields. Last year Adams threshed 2,000 bushels of wheat from 80 acres. For five years, previous to 1920, the yield averaged 30 bushels and one year was nearly 50 bushels an acre. Yields have not been so good the last three years because of heavy rains when the wheat was in blossom.

Ten acres of alfalfa are grown. Eventually Mr. Adams plans to seed a considerably larger acreage. Alfalfa

(For Continuation Turn to Page 36)



W. J. Adams of Leavenworth and His Modern Poultry House Which is a Sample of the Kind of Equipment He Has on His Farm

Irrigation Revives in Kansas

By Frank A. Meckel

PUMP irrigation, which at one time promised to become a great thing in Western Kansas and then gradually fell into disfavor, is reviving. The first sponsors of irrigation were right in their theories but wrong in making them apply practically. The first experiments were started in Wallace county, which had a population of less than 1,000 people at that time, and the first pumps were installed 6 miles from a little town of about 40 people. But nearly all successful irrigation projects are in districts which are rather densely populated.

In the second place, wells were drilled at a point where the water had to be raised 200 feet or more before it could be spread over the ground, while other localities would have afforded water within 15 feet.

Then, the first men to irrigate extensively found that alfalfa was the most profitable crop for them to grow. The market was good and freight rates were not what they are today. This created a general impression all over the irrigated districts that alfalfa was about the only crop that could be grown under irrigation. And so, because of a false start and the continuation of uneconomical practices, irrigation became unpopular, for the price of alfalfa has been low.

But the revival of pump irrigation in Western Kansas is at hand, and it has been brought about largely thru the influx of some new blood from other more extensive irrigated districts and the entire changing of the crops which are grown under irrigation.

Some big money has been made in the irrigated sections around Dodge City and Garden City within the last two years, but it hasn't been made on alfalfa nor milo. It has been made in growing truck crops such as onions, cantaloupes, sweet potatoes, Irish potatoes and tomatoes. Two years ago Nick Merrill of Garden City, made about $1,400 an acre on Bermuda onions.

Last year saw a wonderful revival in irrigation and the installation of numerous plants in the Arkansas River Valley. Growers have organized themselves into associations for marketing these crops advantageously.

At Garden City they have organized the Garden City Truck Growers' and Producers' Association. This is a cooperative organization of about 40 members, and last year they produced 2,000 acres of potatoes, onions, sweet potatoes, melons and tomatoes. Five thousand acres of sugar beets were grown in this district. The association shipped out 120 carloads of sweet potatoes and 60 carloads of onions.

The tomatoes netted the grower 4 cents a pound profit. The produce was shipped as far as Denver and Kansas City, but the bulk of it was marketed in Central and Western Kansas. H. E. Miller, the manager of the association, was a produce dealer in Kansas City. The officers of this association are J. A. Becraft, president; J. L. Eegers, secretary and A. H. Warner, treasurer. One of their members, S. C. Carpenter of Garden City, had 50 acres of sweet potatoes in 1922.

At Dodge City the experience has been much the same only on a smaller scale. The guiding spirit of this district is Julian Hulpieu, who came to Dodge City from an irrigated district in Idaho about two years ago. He knew irrigation and saw that it could be made to pay in Kansas if the proper management were available. He went about his business methodically by drilling test wells and making sure of his water supply before he installed any machinery. He purchased only the best equipment.

The irrigation commissioner of Kansas, George Knapp, with headquarters at the state Capitol, in Topeka, will be glad to give assistance to anyone contemplating the installation of irrigation plants. He has a fund of knowledge and experience which can be drawn upon by the people of the state, whenever it may be needed by them.

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Passing Comment—*By T. A. McNeal*

WHETHER the invasion of the Ruhr valley by France was wise is a matter about which a good deal can be said on both sides, but the cry of Germany for sympathy will not appeal strongly to impartial readers of history.

In 1870 when Germany licked the stuffing out of France in less than two months and then demanded an indemnity of 5 billion franks, the German government did not wait to see whether France would pay before invading French soil with her troops. She stationed her troops all over France and told the French they would stay there until the huge indemnity was paid and they did.

It may not be generally known, but is a matter of interest, that the invasion of France during the World War was the 47th time the Germans have invaded French territory.

Dean Zampiere of Washburn College who was educated in Germany and who revisited that country during the early part of last summer says that he found the common sentiment of the Germans he talked with to be that within 20 years Germany would be ready to attack France again and when that time comes they intend to utterly crush that country. Dean Zampiere also predicts that within 15 years monarchy will be restored in Germany.

The Turkish Ultimatum

TURKEY has issued another ultimatum to the allied nations. This time they gave the warships of Britain and other nations now in the Smyrna harbor three days to get out. As the three days will have expired before this is read you will know whether the ultimatum is a bluff or the real thing.

It is utterly impossible, according to Dean Zampiere, for the ordinary American to understand the diplomatic tangles and complications connected with the Constantinople situation. They involve the territorial rights of Great Britain, France, Greece, Italy, Russia, Turkey, Germany and the Vatican of Rome. Incidentally they have a bearing on the situation in the Ruhr Valley and the trade of India.

Cost of Government Heavy

IT CERTAINLY does cost us a lot to be governed. According to the Budget, a monthly publication of the National Budget Committee, our government, national, state and local, costs us the enormous total of 8,500 million dollars a year. There are 2 million persons on the public pay rolls and the estimated cost of government for each worker, including men, women and children is $220 a year. If it were possible to gather up all the gold there is in existence outside of the ground there would not be enough of it to pay the bill for government, national, state and local for one year. We are certainly governed too much.

The Ship Subsidy Bill

AS THE session of Congress draws to a close the question of what to do with the Ship Subsidy bill worries Congress. President Harding insists on the passage of the measure but the opposition to it is powerful enough to prevent its coming to vote before March 4 at which time the session ends by constitutional limitation. Still there are other measures which the opponents of the Ship Subsidy bill would like to see enacted into law and of course the friends of the Ship Subsidy bill can block the passage of these just as the opponents of the subsidy can block it by a filibuster.

Are the Rich Degenerating?

ARE the rich degenerating? The late John Wanamaker was noted as a deeply religious man especially interested in Sunday School work. Last week his son, Rodney Wanamaker, was sentenced by a French court to pay a fine of 50,000 francs and serve a term of six months in jail on the charge of having given a check on the American Express Company in Paris for 1 million francs to pay a gambling debt when the express company had no funds belonging to young Wanamaker to meet the check.

However, Wanamaker will not go to jail, not just at present at any rate, because he was in the United States when the sentence was passed upon him. It is probable that he will pass France up in his travels until that sentence is annulled.

The Farm Problem

MOST of the letters I get from farmer readers seem to be decidedly pessimistic in tone. They say the farmer, speaking generally, is in a bad condition; that he is getting deeper and deeper in debt and more and more is inclined to get away from the country and into the towns. What is the trouble? What is the remedy?

If as a matter of fact the farmer is not making both ends meet, then it will do him no good to lend him more money. That simply puts off the evil day of final bankruptcy and makes him put in that many more years of wasted effort. If the farmer is bound to go broke eventually the sooner the better.

Now it will be conceded that agriculture is the most necessary business in the world. If the people of the world do not get food it is certain that all kinds of business will go to smash and sooner or later every government will be destroyed.

To say that an essential industry must perish is unthinkable. It ought really to be the most prosperous industry because it is the most necessary. In order to make farming attractive it must be made profitable.

What is the matter with the farming business? Of course the individual farmer is often to blame for his lack of prosperity at least in part. There are farmers who have no business ability, no facility for management. That is true of men in every walk of life.

A man of that kind is likely to fail no matter what market conditions may be. When prices are high he makes foolish investments, goes deeper and deeper in debt and when prices are low he finds himself involved far beyond his ability to pay. He is the kind of man who buys when everything is high and goes in debt instead of paying cash; then he is forced to sell when everything is low and of course he is the loser.

He does not know how to feed and care for stock and his cattle and hogs do not thrive. He lacks judgment, often lacks industry and is played successfully for a sucker. That kind of man needs a boss. Often he works well if he is working under the direction of a competent manager.

However a great deal of the complaint about agricultural conditions does not come from these incompetent farmers. What then is the trouble? It seems to me that it is almost altogether due to two causes: a most expensive and wasteful system of distribution and a necessary lack of the most economical system of production.

Some time ago a most exhaustive investigation was made under the general direction of the National Farm Bureau, of the consumer's dollar and what became of it. That investigation showed the astonishing fact apparently, that the producer did not receive on the average more than 25 per cent of the dollar paid by the ultimate consumer. In fact the investigation showed that the farmer received rather less than 25 cents out of the dollar paid by the ultimate consumer and that more than 75 cents represented the cost of distribution; that of course included freight costs, taxes, and the various profits and overhead charges of the various persons and concerns handling the product.

If this cost of distribution could be cut in two and the farmer could receive instead of less than 25 cents out of this consumer's dollar, in the neighborhood of 60 cents, the business of farming would be, or at least ought to be, the most profitable in the country. Every farmer who used judgment and industry and reasonable economy in operation should be more prosperous than he ever has been at any period of the country's history.

In addition to the enormous cost of distribution, the average farmer suffers because he cannot use the most economical or what ought to be the most economical system of production.

The farmer is often blamed for using antiquated tools and inadequate power. He plows with a poor plow and the plow is pulled by a poor inefficient team of horses. As a result his cost of production is high; but this average farmer cannot afford to buy the best farm machinery. He cannot afford in very many cases to buy expensive tractors. The high-priced tractor has ruined a great many small farmers. They went in debt for the tractors and the interest and depreciation put them to the bad. There was too much money tied up in the tractor. Using a poor plow and a poor team made the cost of production high but if they kept out of debt they could at least live and did not need to worry about a mortgage foreclosure or the taking away of their personal property by the holder of a chattel mortgage.

The Present Legislature

IT IS too soon to say what the present legislature will accomplish. All legislatures seem rather futile considering the number of things attempted and the few things of real importance accomplished and this one will be no exception. The people of the United States are suffering from legislative indigestion. They have more laws than they can assimilate and yet the machinery of government does not work very smoothly or effectively.

If you have any doubt about the excessive burden of law just go to our state library and take a look at the shelves filled with cumbersome volumes which constitute the statutes of the various states.

Kansas is certainly no more given to law making than other states, notwithstanding the general impression to the contrary but if you take up the last compilation of states, made in 1915 you will discover that, not including the index it covers 2,439 pages and three subsequent legislatures have enacted laws and joint resolutions covering almost 1,500 pages more.

There are many states that have twice as many statute laws as Kansas and are adding to the present aggregate faster than Kansas.

Now it goes without saying that not one person in a hundred in Kansas is even reasonably familiar with all of these statute laws and yet in theory every citizen is supposed to know the law.

Of course the average member of the legislature comes to Topeka with a very scant knowledge of what laws are already on the statute books or what revision or addition if any is needed. No matter if nature has endowed him with a fairly good brain—and most of the members of the legislature are reasonably intelligent men, and the few women who have broken into the legislature will rank in point of intelligence with the men—the legislator goes thru the session in a sort of maze. His intentions are honest enough but he does not know what ought to be done.

Capper's Platform

JUST one kind of law for rich and poor. A square deal for all, special privileges to none.

Substantially lower freight rates immediately.

Justice for all our soldiers of the World War.

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

Reopening of foreign markets to American agriculture's surplus products thru an economic conference.

A constructive national policy for the relief of agriculture.

Laws to prevent price-gouging and profiteering.

The stripping of waste, extravagance, graft, incompetence and all partisan favoritism from the public service.

Honest enforcement of prohibition as a means of making prohibition world-wide, thru proof of its benefits here.

It is not at all remarkable that our statutes contain many crudities, inconsistencies and useless matter. The wonder to me is that they do not contain more.

Should Everybody Know the Law?

IS IT a correct principle that every citizen should know the law? It is, but of course it is rather unreasonable however, to ask a citizen to obey the law unless he has a reasonable opportunity to know what he is asked to obey.

If that is true then the code of laws ought to be plain, brief and simple. It is true that laws cannot have general application. Conditions in certain localities call for some sort of regulation which is not needed at all in other localities because the same conditions do not exist. This is particularly true of Kansas because there is such a wide divergence of climatic conditions. There are for example localities in which it is necessary to have an organized drainage system while in large areas of the state nothing of the kind is needed.

Neither is it necessary that citizens living in the dry areas of the state post themselves about drainage laws unless they are expecting to move into a locality where drainage is necessary. But omitting the legislation which only applies to certain localities the general provisions which every citizen is in theory supposed to know, are not known to this average citizen.

Revising the Statutes

JUST now the state is trying to revise this mass of laws with all of its contradictions and dead matter. It is a big job. By the time it is completed it will cost the people of Kansas considerably more than $60,000. Without doubt the revised statutes will be an improvement over what we have now. A great deal of redundant and useless matter will be weeded out, but at that our laws will be entirely too numerous and cumbersome.

It is too much to hope that our laws will ever be simplified to the point where they can be easily read and easily understood. The tendency of government, and that is especially true of popular government is to grow continually more complex and diffuse. Of course this provides an excuse, if not an actual need for more and more courts to interpret the laws enacted and also gives business for more and more lawyers. All this means added expense of government and increased taxation.

Economy and Decreased Taxes

BEFORE every biennial election there is much talk of the need of economy and decreased taxes. But the taxes do not decrease and the expenses of government constantly increase. Finding themselves disappointed the citizen voters are likely to blame the politicians and accuse them of having deliberately deceived the voters by specious promises which they did not mean to perform.

Perhaps, the charge is well-founded in some cases, but not always by any means. The fact is that when the politicians come into power they do not know how to put their promises into effect. A good many things they may have honestly thought they could do they find they cannot do and so they resort to the favorite American game of passing the buck. That is, they try to lay the blame on somebody else.

It is not fair to pass judgment on the legislature now in session until it has ended its labors. I am not expecting very much from it because I have ceased to expect very much from any legislature but it may accomplish more than I expect.

Farmers' Service Corner

READERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

Job for Enforcement Officer

A distillery is running in the county next to ours and is supplying the male members of our family with distilled whisky. We have begged and pleaded with one of these persons to cease his drinking but he seems to be going from bad to worse. Now if the law would take charge of this distillery and owner our men would not be able to get any liquor. What we wish to know is how to go about notifying the law enforcement officers of this stills existence. J. W. S.

Write to Captain George W, Wark, Topeka, Kan., giving the location of the still and I can assure you that it will be very speedily suppressed. You should give him your name but this will be kept confidential.

Handling Township Money

Is there any Kansas statute that requires township money to be placed at interest? Q. T. E.

Yes. Section 11567 of the General Statutes provides that in all townships the township treasurer shall deposit all public money coming into his hands in an official capacity in some responsible bank or banks within the county the same to be designated by the township board. Such deposit shall be made in the name of such treasurer as such officer, and such banks shall pay such interest on daily balance as may be agreed upon figured on even hundreds of dollars: Provided, that in no case shall the rate of interest be less than 2 per cent a year on such daily balance: And provided further, that where more than one bank is designated as a depository for any funds such funds shall be equally divided by the treasurer of such funds among such banks. Before making such deposit the township board shall take from such bank or banks a good and sufficient bond payable to such township, the same to be approved by the township board in a sum double the largest approximate amount that may be deposited at any one time.

Making and Selling Radiophones

Has a person any right to make a radiophone and sell it? Is he violating the law to take a pattern from a manufactured radiophone and sell it? R. S.

If the manufactured radiophone has been patented, that would be a violation of the patent law. There would be no violation of law in making a phone of your own which was original and selling it.

Absent Resident Entitled to Bonus

Is a World War veteran of Kansas who saw 21 months' service but has since moved to another state entitled to his bonus from Kansas and what is he supposed to do in order to collect the same? S. K. F.

Yes. If he was a resident of Kansas at the time of entering the service. The method of distribution has not yet been determined by the legislature but if this person does not have a facsimile of his discharge on file with the Adjutant General he should send his discharge to the Adjutant General in a registered letter and have a copy made of it, that is a photograph, and also ask the Adjutant General for any blanks it may be necessary for him to fill out.

Marrying Blood Kinsmen Illegal

Is it legal for a man to marry his stepmother in the state of Kansas? T. S.

If there is no blood relation, yes. The marriages which are considered incestuous and void in Kansas are as follows: Marriage between parents and children including grandparents and grandchildren of any degree, between brothers and sisters of half as well as whole blood, between uncles and nieces, aunts and nephews, and first cousins.

Protection for Unborn Citizens

HERE is a group of facts that will bear some sober thinking about. The diseases inherited by children of feeble-minded, tubercular, or otherwise diseased parents —whose marriage was legal and would now be legal in most states—cost us in taxes more than 50 million dollars last year for their care.

And that is the least of it. This does not include the immense sums we spend for all sorts of institutions which must be provided to take care of our vast and growing army of derelicts and defectives.

To measure such a curse in terms of money instead of humanity, is justified only when this helps us to comprehend the enormity of it.

We go to great lengths with our laws and political institutions to protect the citizen and safeguard his rights. But we have given little thought to protecting the important right of the unborn citizen to be born right, to start life right, to have a sound body, a sane brain and a clean blood stream. In most states we still permit the mating of defectives, of epileptics and of the venereally infected. All of which may account in a measure for the startling fact reported by our army draft boards that more than 40 per cent of all the men examined for acceptance for service during the war, were found to be morons—that is, persons of dwarfed or stunted brain-power; men in stature, but with the undeveloped mind and brain of a child and with no more sense or reason.

I am convinced we have a remedy that will greatly mitigate these evils. It is the uniform marriage and divorce law which I recently proposed for federal enactment, in the Senate, by request of its sponsors, the General Federation of Women's Clubs. The features of this bill were only partly covered in the news reports. Its intent is to prevent foolish and hasty marriages, to make divorce more difficult; but, above all, to protect child life, to insure children better homes, better health, better heredity.

Recently a 15-year-old husband was haled into court at Detroit for refusing to support his wife. As the law cannot make it possible for this child to provide or maintain a home, I am curious to know just what it is going to do about it.

As a people we are disturbed by our divorce statistics, and should be. They are much higher, I am told, than those of any other country on the globe except one. Divorces granted in the United States exceed 112,000 a year. They are steadily increasing. But the number of broken homes must far exceed the number of legal separations. In Denver, a Western city, as many homes were broken up by the courts last year as were created by marriage, Judge Ben Lindsay reports.

I think we need not be mystified or astounded by such figures when the marriage and divorce statistics of no more than several states show conditions like these:

Thirteen thousand girls, 15 years old legally married.

Fifty thousand, 16 years old, married.

Sixteen hundred boys, 15 years old, married.

Three thousand boys, 16 years old, married.

No minority age limit for marriage in 17 states.

Legal marriage age for girls, 12 years, and boys 15 years in nine states.

No prohibition of marriage for feeble-minded in 19 states, and where prohibited, they may marry on his or her sworn statement of legal mental capacity.

Divorce is not obtainable on any ground in one state, but is granted in another on evidence of bad temper of husband or wife. How is that for a contrast?

In the proposed law, the age at which girls and boys may marry with consent of the parents is 16 years for girls, 18 years for boys. In case of emergency, when it is expedient for those under this age to marry, permission may be obtained either from the judge of the juvenile court or from the judge of the probate court, in the city and county in which the marriage is to take place. The age at which girls and boys may marry without consent of the parents is fixed at 18 and 21 years respectively.

Marriage is forbidden to the feeble-minded, to those afflicted with epilepsy, insanity, or communicable disease, and to those of first-degree of blood relationship.

Application for a marriage license must be made by one of the parties to the prospective marriage two weeks before a license may be issued. Both parties must present affidavits certifying they are not afflicted with communicable disease and are of normal mentality. The application must be posted in the office of the clerk and in his public record. Two witnesses in addition to the person who performs the ceremony must be present at every marriage.

Marriages must be reported in the county and in the state in which they take place. Penalties are attached for infractions of this law.

Decrees of divorce will be granted on grounds of adultery, or of physical and mental cruelty; abandonment or failure to provide for one year or more; incurable insanity, or the commission of a felony.

Application for divorce must be made 60 days prior to the trial of a case. Every effort must be made to reach the one who is sued, thru personal service.

The guardianship of the child or children shall be equal, if both parents are fit, but where the mother is mentally and morally fit, she shall be awarded custody of the minor children. Both parents shall have access to the children unless there is some powerful reason why they should not. The welfare of the children is to be the first consideration with the judge who awards their custody. Alimony and support of the children are left to the discretion of the judge.

A year must elapse after the granting of a divorce before the decree becomes final. During that year neither party may marry again. In case of reconciliation, the two may again take up their lives together upon dismissal of the divorce suit during the year.

Enforcement and application of the law is left to the state courts and their machinery. No new federal bureau is creaed by the legislation.

While this law will enlarge the grounds for divorce in two or three states, it will adjust the differences in 45 other states. It will do away with migratory divorces and the many injustices they often bring about. One who is legally married in one state will be legally married in another. One who is legally divorced in one state will be legally divorced in another. Children who are legitimate in one state will be legitimate in all states.

The difficulty, if not impossibility, of obtaining uniform action in the states has led to this effort to obtain uniform laws regulating both marriage and divorce. It is not expected that either house will enact the legislation at this session. I have inroduced it at this time for the purpose of bringing out a country-wide discussion with a view to its early consideration by the next Congress.

All things that affect home welfare touch national life where it lives. When all is well in the home, all is well in the homeland. "No nation," said John G. Holland, many years ago, "can be destroyed while it possesses a good home life." Still, I doubt whether it is generally appreciated that the most important business of every government, and its chief concern, is the welfare of its homes. I am greatly in sympathy with the purposes of this bill and hope it will pass.

Arthur Capper

Washington, D. C.

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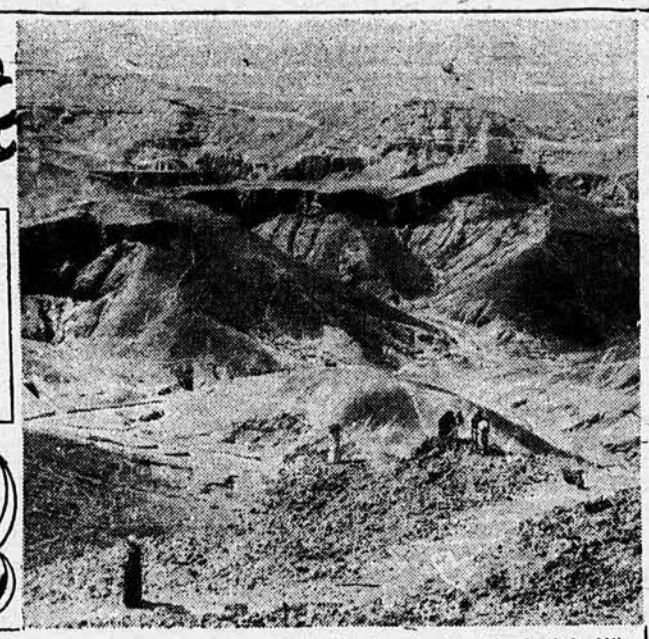
News of the World in Pictures



A Charming Jacquette Sports Suit, Designed by Candel Penza; the Skirt is of White "Cat's Purr" Silk and the Cape and Jacquette are of White Silk Crepe



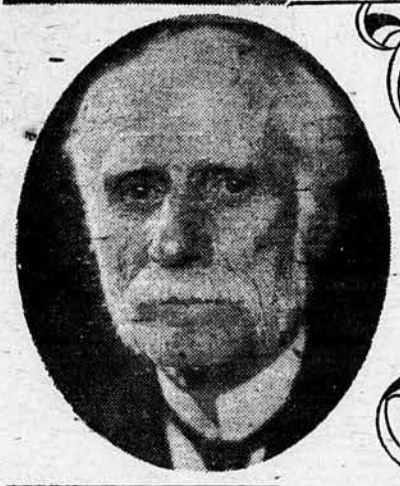
Elsie Muller of New York City Who Won the 220-Yard Event in the National Amateur Outdoor Ice Speed Skating Championship Meet at Endicott, N. Y.



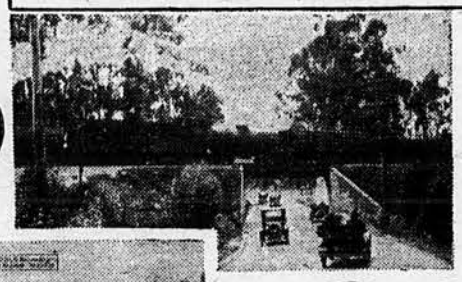
View Down the Famous Valley of the Kings on the West Bank of the Nile and About 500 Miles From Its Mouth; the Tomb of Tutenkhamen in This Valley Contains the Greatest Archaeological Treasures Ever Discovered



Lady Astor Forgets Cares of Parliament Long Enough to Go Skating in the Rink at St. Moritz, Switzerland; She is a Former American and Has Five Interesting Children But is Now an English Subject Who Takes an Active Part in Politics

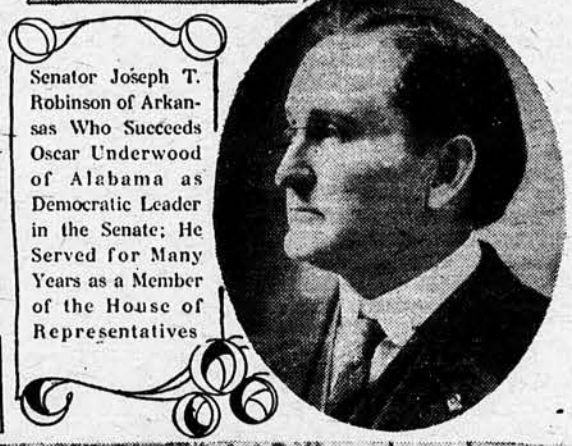


Justice J. J. MacLaren of the High Court of Ontario, Canada, Who Succeeds the Late John Wanamaker as Chairman of the International Sunday School Association

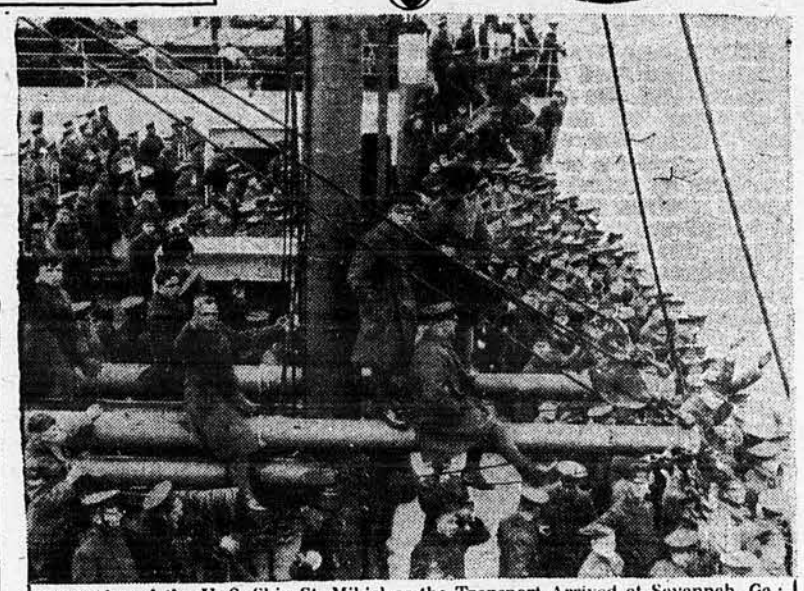




At the Upper Left is Shown a Railroad Crossing Bearing the Sign "Fools Become Angels at Railroad Crossings" and Also Another Type of Crossing Under the Track Which is Safe for Anyone, Even for Careless Drivers



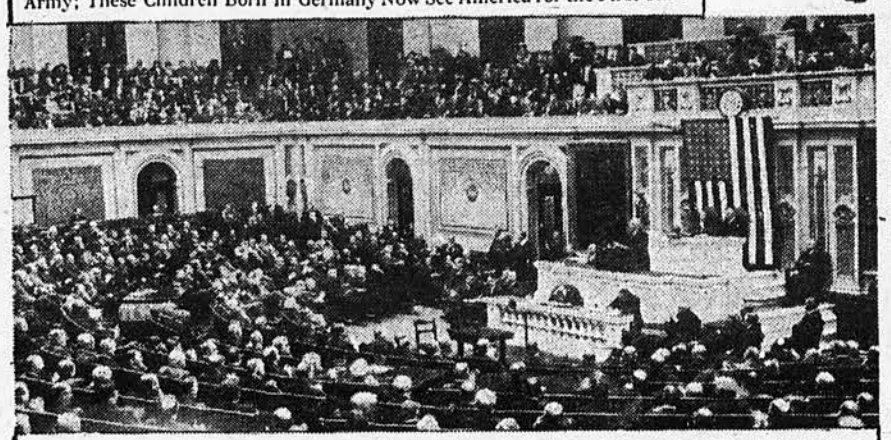
Senator Joseph T. Robinson of Arkansas Who Succeeds Oscar Underwood of Alabama as Democratic Leader in the Senate; He Served for Many Years as a Member of the House of Representatives



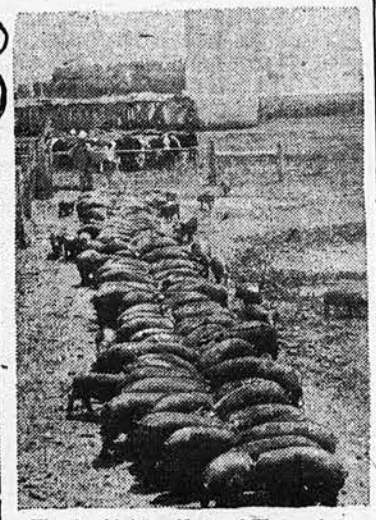
View Aboard the U. S. Ship St. Mihiel as the Transport Arrived at Savannah, Ga.: It Carried 931 Officers and Men Constituting the Last Contingent of the United States Army of Occupation in Germany



Captain J. Cawthorn, U. S. A., Mrs. Cawthorn and Their Twins Patricia and Anne, Who Returned on the St. Mihiel With the Last Contingent of the U. S. Army; These Children Born in Germany Now See America for the First Time

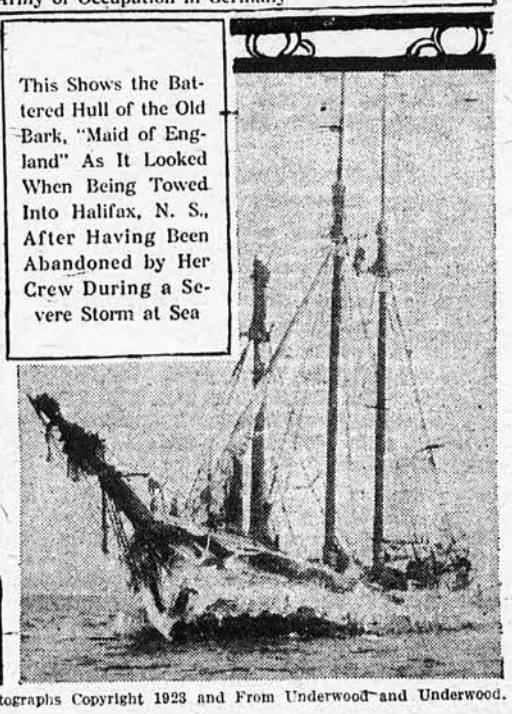


President Harding Recommending to Congress the Acceptance of the British Debt Settlement Plan Involving a Total Payment of $4,604,128,085.74; It is a Real Historic Scene of Interest



They're Making Hogs of Themselves, and One of These Days They Will Take a Trip to the Packing House, to the Profit, Let Us Hope, of the Owner, Who is Near the Gate

This Shows the Battered Hull of the Old Bark, "Maid of England" As It Looked When Being Towed Into Halifax, N. S., After Having Been Abandoned by Her Crew During a Severe Storm at Sea



Photographs Copyright 1923 and From Underwood and Underwood.

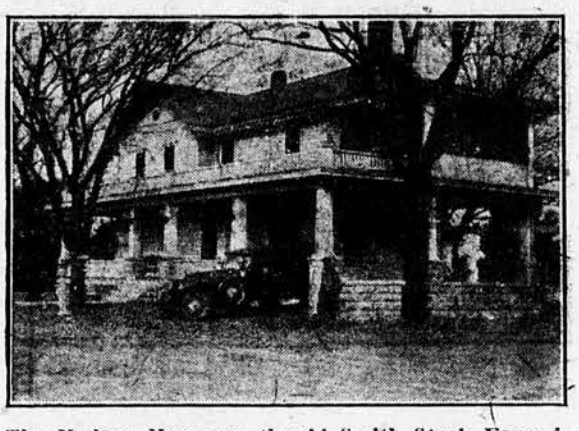
His Modern Home a Necessity Now

BY FRANK A. MECKEL

A FARM can be made as pleasant and comfortable as any city home, according to Al Smith, a well known Kansas livestock man, and Mr. Smith has put his theory into practice by modernizing his home and his farm to the extent that it is just as good as a home in town.

Smith has a farm of several hundred acres in Douglas county, just 3 miles west of Lawrence on the new concrete highway between that city and Topeka. His business is in livestock of all kinds, but he specializes on Percherons and jacks.

His home is modern and has been for some time. It is equipped with electric lights, running water, a bath room and a hot water heating plant. There is nothing that one might have in



The Modern Home on the Al Smith Stock Farm is All That Any City Home Could Hope To Be

a city home that Smith does not have in the country.

He has run a heat line from the house to the garage which is equipped with two large radiators. In this garage, or power house Mr. Smith keeps his water and light plant and also his motor car.

The farm light plant is large enough to supply the needs of the farm and all of the barns and outbuildings are wired for electricity. Mr. Smith says that it is a great convenience to be able to go into a barn and by the mere turning of a switch, flood the entire building with light. He uses a 1½ kilowatt generator and a 180-ampere-hour battery on his 32-volt system. This battery gives him plenty of current and the generator is large enough to keep it properly charged at all times.

There really are two separate water systems altho they are all confined in one place. The entire outfit is of the pressure type with large steel tanks underground. With so much livestock on the place at all times, it is essential that there be plenty of water available. To take care of the needs of the livestock, Smith has two tanks which have a combined capacity of 300 barrels of water.

The water is pumped into these tanks by means of a windmill and a gasoline engine. The windmill pumps water from a well 1½ miles from the pressure tanks. The gasoline engine pumps from another well which is not so far distant. He also has an air pump which is driven by electricity which supplies the tanks with plenty of air pressure to force the water to any of the stock tanks around the farm.

The water for the house is pumped from a cistern into a 100 barrel tank by means of an electrically driven geared pump which stands in the garage or power house. With the tanks below the ground, there is no danger of freezing in winter and the water is always fresh and cool in warm weather. This is a very desirable feature in any water system.

While the plant used on the Smith Stock Farm is new, electricity has been used on this place for more than 12 years. That long ago, Smith installed a large engine and generator, but the battery finally wore out and the engine was hard to start, so he bought this new modern plant. Now the mere pressing of a button starts the engine which immediately starts supplying electrical energy to the batteries.

There are usually a large number of sheep fed on this farm and every spring, there is the job of shearing, but this has been made easy by means of a portable motor and power shears. One man with such a machine can shear more sheep in a day than half a dozen men could ever shear by the old hand method. Electricity has saved many labor bills on the place.

These modern farm homes are gaining ground. More and more, folks on the farm are demanding better living conditions for themselves and their children. The complaint of today is that the young folks drift away from the farms and go to the cities where they can have the comforts and conveniences which people there enjoy. That will not be the common complaint a few years hence, for with modern conveniences on the farm, there will be an attraction right at home for the young folks and they will stay at home on the farm. Modern improvements are going to do big things in the next few years, and after all, who is more entitled to the comforts of life than the man who feeds the world? There will be a time, and not so far distant, when the homes such as Al Smith's will be the rule instead of the exception.

Oust Prairie Pooch is Kansas War Cry

BY SAM RISKROW

PRAIRIE dogs of Kansas are going west. Slowly but with thoroness they are being annihilated along a line extending from Oklahoma to Nebraska and every year this battle front is being moved farther west. It will not stop its progress until prairie dogs have been eliminated as a menace to growing crops and pastures in the state.

Back in the still populous prairie dog country minor battles are going on, strictly local affairs, but all aiding in the successful prosecution of the major campaign thru reducing resistance.

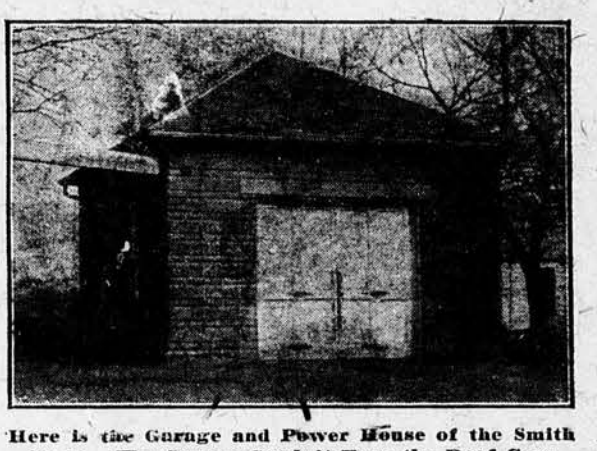
Infestation is centered in the Western two-thirds of Kansas, practically no prairie dogs being found east of the central part of Marion county. It is estimated conservatively that prairie dogs will damage pasture or crops at least $1 an acre a year and the total damage in Kansas mounts into the millions annually.

To obtain maximum efficiency in the war on prairie dogs the Kansas State Agricultural College experts determined to organize a campaign in counties along the eastern edge of the infestation and to sweep westward year after year until the state was cleaned up. Four counties, McPherson, Harvey, Sedgwick and Sumner have been freed of prairie dogs.

This year the campaign will be conducted vigorously in Kingman, Reno, Rice, Saline, Ottawa, Cloud and Republic counties and clean-up drives will be completed in Harvey, Clay, Washington and Dickinson counties.

Oklahoma has promised to co-operate in this effort by cleaning up the prairie dogs along its northern border as the Kansas campaign moves toward the west. It is possible that Nebraska may also assist in this way.

The prairie dogs are killed with poison grain.



Here is the Garage and Power House of the Smith Farm. The Square Conduit Near the Roof Carries the Hot Water Pipes

Distribution of this bait is handled by a well organized force in every county. The entire county is covered and no colonies of dogs are left. Most of the work is done by farmers, assisted by the county agents or by experts from the agricultural college.

Co-operating with the farmers in this work are thousands of owls which live in prairie dog towns. These owls prey on young prairie dogs and annually kill many thousands. So it is good business for farmers to protect the owls despite the fact that one of their important sources of food is being eliminated.

Much of the poison bait used comes from the poison laboratory of the Kansas State Agricultural College and the tactics employed in the campaign are worked out by Frederich L. Hisaw, experiment station mammalogist, and his assistants.

And so Kansas farmers are singing the Emile Coue refrain, "Day by day, in every way, they are getting fewer and fewer."

Got Your Dividend Yet?

There is a Mighty Efficient Business Concern at the Kansas State Agricultural College That Will Hand You One If You'll Give It a Chance

By Ray Yarnell

WITH a gross volume of $75,000 a year a business is being conducted on the campus of the Kansas State Agricultural College at Manhattan that not only is yielding a good profit but is contributing a vast amount of knowledge and direct benefit to farmers.

The state has a relatively small investment in this enterprise. Profits have been plowed back for development altho for many years dividends have been paid to any farmer who would go to the trouble of applying for them and to many who didn't make application.

This business exists under the name of the dairy husbandry department of the college and it is headed by J. B. Fitch, who in addition to being a professor, is a most practical dairyman, an executive and the possessor of a lot of common sense in the matter of getting profit out of milking cows on the average Kansas farm.

Now the dividends this concern pays to Kansas farmers are not in the form of cash. They are more valuable than cash because they can't be "blown in." Thru use of them, however, a farmer can increase his income.

Two hundred dividends in the form of purebred bulls have been put on Kansas farms in the last 12 years. It is impossible to record the influence these bulls have had on milk and butterfat production in the state but it undoubtedly has been great because the animals sold were all of good breeding and from high producing ancestors and were recommended by college experts whose only interest is the improvement of Kansas dairy stock.

A special dividend—it might be called a stock dividend—paid to every farmer in the state was this suggestion from Professor Fitch: "Buy a good registered bull and breed him to the ordinary red cows on your farm. Grade up your herd. The first

(For Continuation Turn to Page 24)



J. B. Fitch, Head of the Dairy Husbandry Department of the Kansas State Agricultural College and a Herd of Dairy Animals on the Department Farm Near the Campus. Four Major Dairy Breeds Have Representation in the Kansas State Agricultural College Herd at the Present Time

A11204 974977

The Adventures of the Hoovers

Uncle Buddy is an Indulgent Nurse—But It Seems That Nobody But the Baby Shows Any Real Appreciation of His Efforts



The Lone Hand—A Comedy of Business

By Henry Payson Dowst

(Copyright by Frank A. Munsey Under the Title "Father Was Right")

MRS. BOSWORTH was equally startled, for Hiram, she well knew, was the soul of democratic principle. Still, it wasn't unlike him, when in a bad humor, to exhibit just such perversity.

"But you just said—" she began.

"I didn't!" cried Hiram. "Besides, circumstances alter cases. I know that young lady; and by gorry, if Phil's shining up to her, he'll hear from me, that's all! Say, what's been going on while I was away, anyhow? You've been home a good deal of the time. Why didn't you warn me?"

"Good land!" observed the baffled lady. "I thought it would please you. I thought Phil would tell you himself when he got ready. It's his business."

"Well, I'll make it my business. He'll mighty soon find that out!"

When Phil got home that night, the old man was waiting up for him.

"Come in the library and have a cigar," said Hiram. "I want to talk to you."

Then Hiram Opened Fire

When the two men were settled, Hiram opened fire. He first brought up the condition of the business.

"Phil," he said, "I'm your father. I hate to see you set yourself against me down at the office. Instead of making it easy for me to untangle the mess we're in, you make it harder. What the dickens has got into you?"

"We're not in a mess, father. The business is in a good, healthy condition, and you're just imagining trouble."

"That's it, that's it, said Hiram, his temper rising. "If I hadn't come back when I did, you boys would have ruined it."

"But, father," protested Phil, "we're doing more work than ever. We're always busy; we seldom have a press stand idle an hour. Do you know how much it costs us a day to have one of those big presses stand still?"

"As if I didn't! But I know how much it costs to have 'em running on cheap, skinned, small-profit jobs, such as you fellows have got into the habit of turning out. Phil, for Heaven's sake, wake up! Can't you see the business isn't anything like what it used to be? All rush and riot and wear and tear, and the element of risk twice as great?"

"Business conditions—"

"Business conditions my eye! You never saw a time when you couldn't find people who would pay big prices for the best work. You boys have tried so hard to meet competition that you have actually attracted it. Lord! I never worried about competition. What I put my mind on was, first, selling the stuff right, then turning it out right. That's a competition your

"Say, what has become of all the stock we used to keep on hand? Don't you boys keep any paper ready for the presses any more? Do you buy from hand to mouth, like any piking little printer? If you do, you're not getting the best prices."

"That's not in my department, dad; but in a general way, I believe Curdy has thought the market didn't warrant keeping much money tied up in stock. Prices might take a slump—"

"Have prices taken a slump in the last three years?"

"Not that I know of; but—"

"You're passing the buck, boy. You let Curdy shunt you off into a job with a highsounding title, and that satisfied you. You're my son; you ought to have displayed more force. Great Scott! I taught you the game; why let Curdy dictate the policy of the house?"

"He doesn't. But the business had to be departmentalized. That's the way to get efficiency. It's the modern idea—"

"Leach Curdy's idea, that's what it is. I know the efficiency game as well as you, young man; but I'm beginning to believe Curdy's put the fish into it. Things ain't right, I tell you, they ain't right. If I could get a little help, a little co-operation, I'd soon show you where the holes are. Why, that business is as full of leaks as a sponge."

"Dad, that's calamity-howling."

The old man groaned and beat with a clenched hand upon the side of his head.

"It's that damned woman," he said suddenly.

"Woman? What do you mean?"

"The Brown girl, Curdy's stenographer—secretary, he calls her. I hated her the minute I set eyes—"

"Now, father, you quit. I don't stand for that kind of talk. Desire Brown's the finest girl in the world. And let me tell you—"

"It's My Own Business"

"You can't tell me anything!" roared Hiram. "Ever since I walked into the office two weeks ago, everybody's set themselves against me. Say, Phil, do you realize that it's my own business, which I built up from nothing, and which I turned over to you boys to manage for me while I got my health fixed up? Now I'm back, and every one treats me like a superannuated old fossil. I'm defied and opposed and cheated—"

"You talk like a wild man, Dad."

"I am a wild man—I'm damn wild. I'm half crazy. Sometimes I wish I'd stayed away and let you fool-headed youngsters go your own gait. But I couldn't. It's in my blood; besides, let me tell you something. All I've got is tied up in the business. I never laid aside a cent of personal funds—always put my profits back into the Bosworth Press. All that I have now is what the business earns. The dividends 'll stop pretty soon, and then where'll your mother and I be—and Mary?"

"The business is all right, I tell you, father."

"And I'm an interfering old fool, eh? I knew you felt that way before I'd been in the office half an hour."

Hiram bowed his head in his hands and groaned. He was pitiful—a great hulk of a man, full of sound strength and the power that comes with maturity; yet now he was baffled, because of the opposition of a son who wrongheadedly persisted in blinding himself to facts.

"I'll show you," cried the old man, getting to his feet suddenly. "I'll show you! I've got to do it alone—my own son won't turn a hand for me. God, Phil, if you'd only see it would be for your own good to put your shoulder to the wheel—but you won't. I say it's all on account of that woman. She's helped her boss, Curdy, to hypnotize you."

"If you say another word about that girl, dad, I'll leave the room. I can stand your accusations of incompetency and inefficiency and bad judgment—I know you're wrong, and we've run the company right; but I don't have to listen when you talk that way about Desire, and I won't."

"I'll say anything I please about her, the pert little upstart." Hiram began to mimic Desire's first polite demand, made on that morning of his return: "'who shall I say wants to see him'?"

"Good night, father," said Phil quietly. He was in a towering rage. His father was so unjust, so unreasoning, so actually malicious in his attitude toward Desire. Phil might have said that Desire, alone among those competent to judge, was in sympathy with the old man. But what was the use? He was too angry to give his father the satisfaction of knowing that any one agreed with him. He slammed the library door behind him and stumped off grumpily to his room.

Curdy Was Rather Disgruntled

Leach Curdy, general manager of the Bosworth Press, called his secretary into the narrow cell which he had taken as his private office since his eviction from the big, comfortable room reclaimed by Hiram Bosworth.

Curdy was terribly disgruntled by the old man's return. He had had things his own way so long, and had come to believe that Hiram would continue until the end of his days to pursue the gutta-percha pill about the greensward, or to while away his declining years in some other equally appropriate occupation. And now the head of the concern was back, not only full of his old-time energy, but in a highly suspicious frame of mind.

Curdy surveyed the cramped confines of his tiny quarters and snarled to himself that it was confoundedly hard luck.

"You never can tell about those old devils," he thought. "Gee! It's tough, when I had things coming so good."

Desire Brown entered and seated herself, with her note-book ready, to take Curdy's dictation. The manager observed her with an admiring eye.

"The old man showed up yet?" he asked abruptly.

"Yes; he's been in about fifteen minutes."

"How's he feeling?"

"I don't know. He doesn't confide in me, Mr. Curdy."

"Hates you, doesn't he?"

"I guess he isn't leading any cheering when my name is mentioned."

"Well, you should care for that old fossil! He's raising a deuce of a rumpus around here—sort of a tempest in a teapot. He's sore because he's out of the running. Those old birds ought to know enough to let the younger men alone."

"I've always supposed he was a remarkably able business man," observed Desire.

"Used to be, of course; but those oldfime methods don't go now. If he keeps on ramming around, he'll put this business on the bum. Too bad! Phil feels pretty sore to have his father take the high hand, after all the hard licks we've put in to keep the dividend-checks rolling his way. Phil's a nice boy; not much of a heavyweight, but hard-working and pretty able. If he'd had the knocks I've had, he'd make quite a citizen."

Desire held her peace.

"I suppose you're wise to what's going on here, aren't you? I don't imagine much escapes those pretty eyes and ears of yours."

"I don't presume to know what isn't any of my business," said Desire crisply.

"That's good. I've noticed you have a way of minding your own affairs. Well, this is your affair, as it happens. If the old man succeeds in wrecking the business, you'll be out of a job. I guess you know which side your bread is buttered on, little girl!"

Desire Blushed

A slow blush mounted to the roots of Desire's sun-streaked hair. Curdy had never taken just this tone with her before, and it made her dislike him more than ever; yet, somehow, some subtle warning told her not to snub him too abruptly.

"I want you to understand just what the situation is," went on Curdy. "You can help or you can hinder. You've a pretty good knowledge of the details of this business."

"In a superficial way, yes."

"You ought to make up your mind about where you fit. You're a valuable member of this organization, whether you know it or not."

So the man was trying flattery! Surely he wasn't doing it for nothing.

"I guess you could fill my place all right," she ventured.

"Maybe; but a man doesn't like to take on new people when the old ones are well trained and understand the business."

"I suppose not."

"Now, young lady, it's like this: Your friend, Philip——"

Desire wanted to assault her employer with almost any convenient weapon—say a good heavy paperweight; but she only winced slightly, and maintained her self-control.

"Your friend, Philip, will be a very lucky boy if he ever succeeds to this business—provided, of course, that old pirate doesn't ruin us. This is a very fine concern, Miss Brown. It means a great deal to me personally; and, of course, it means ten times as much to Phil. I'm sure you'd be the last one to want to see him suffer."

What in the dickens could the man be driving at?

"It's pretty plain that the old man is playing a lone hand here," went on Leach Curdy. "And when you see so many disagreeing with him, you can be pretty sure he's wrong; but, unfortunately, he has the whip-hand. If

(Continued on Page 15)

Farm Wages Take Further Drop

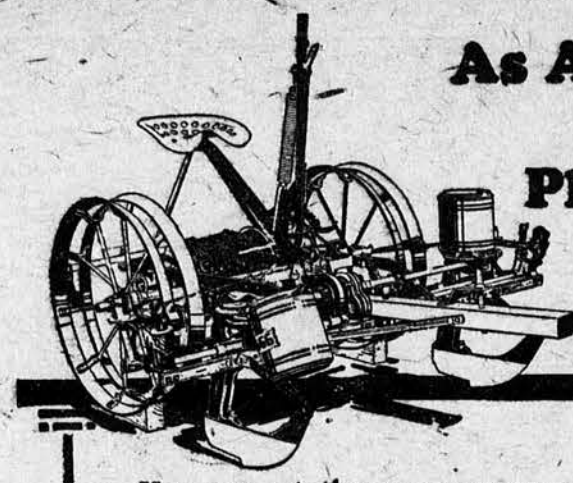
THE average of farm wages for the entire United States dropped from 3.1 to 6.4 per cent during the three months from October 1 to January 1, according to the quarterly survey made by the United States Department of Agriculture.

As an average for the country, day farm laborers are receiving $1.98 a day without board and $1.47 with board. Farm labor by the month is being paid $40.30 a month without board, and $27.81 with board.

Every geographic division except the South Central Division reported falling average farm wages during the three months covered. The largest declines ranged from 9.1 to 13.9 per cent in the West North Central Division, the smallest declines were in the North Atlantic Division and South Central Division.

The highest average monthly rate without board was $62.71 in the Western Division, and the lowest was $30.71 in the South Atlantic Division. The highest monthly rate with board was $42.78 in the Western Division and the lowest was $21.06 in the South Atlantic Division.

In hiring by the day without board, the highest average rate was $2.82 in the North Atlantic Division, and the lowest was $1.40 in the South Atlantic Division. With board, the highest day rate was $2.13 in the North Atlantic Division, and the lowest was $1.05 in the South Central Division. These comparisons are interesting and instructive.



As Accurate As Planting By Hand

You can get the same accuracy as though you counted out and dropped the desired number of kernels per hill by hand—get it rapidly, tirelessly, economically—get the big yields per acre by using the

John Deere No. 999 Corn Planter

The special shape of the seed cells of this planter and the sloping hopper bottom cause one kernel to enter each cell, and the right number is accumulated and checked in the hill always—the most accurate dropping device ever designed. Change from hilling to drilling and back to hilling can be made quickly by means of foot lever.

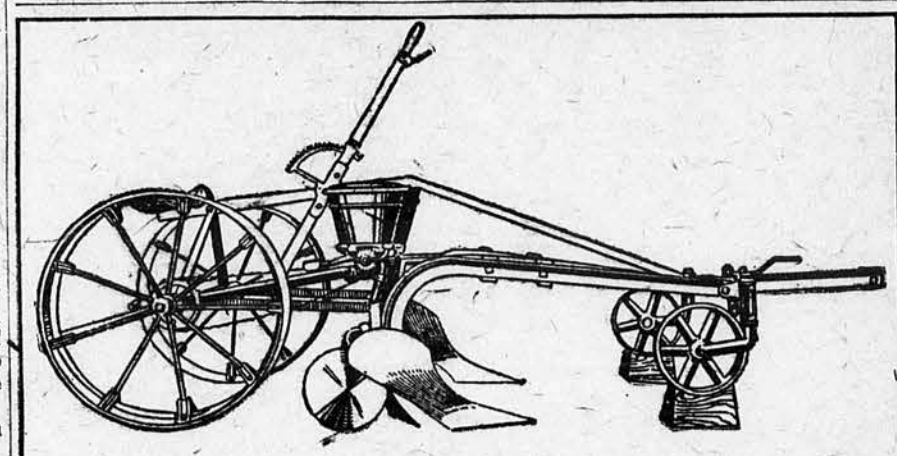
Instant variable drop — merely shift foot lever to change drop to either two, three or four kernels per hill, or to change drilling distances—not even necessary to stop team.

Plants great variety of seed without changing cut-off. Absolutely automatic marker. Fertilizer and pea attachments can be furnished — either or both can be used when planting corn. Sold by John Deere dealers.

FREE BOOK. Write today for booklet describing the 999—the accurate planter. Tell us what other implements you are interested in and we will send you "Bookkeeping on the Farm"—just the book in which to keep your records. Address John Deere, Moline, Ill., and ask for Package PX-411.

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THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS



Uses Only 4 or 5 Horses Instead of 6 and Does a Better Job

This Chase Two-Row Lister is very light in draft, puts the seed into the ground better at a uniform depth, packs the dirt well around the seed and leaves a ridge that can easily be cultivated. Yet 4 or 5 horses will easily pull it.

Very simple in design, with strong working parts, and is much more satisfactory than old-style listers. Weighs only 527 pounds, without hitches.

With 50 acres of corn to plant, you can't afford to get along without the Chase. Can be operated by a boy.

Can be secured with a 4, 5 or 6-horse hitch, or a tractor hitch, or a combination of any of these.

The Chase Lister has been used very successfully for the past two years by a number of the best farmers in Kansas and Nebraska. Ask us for the names of some of these farmers, circular and price. It will pay you to investigate this machine.

CHASE PLOW CO., 740 West P St., Lincoln, Nebr.

Wonderful Resurrection Plant Free

The Resurrection Plant, Mentioned in the Bible as the "Rose of Jericho"



In Dry State

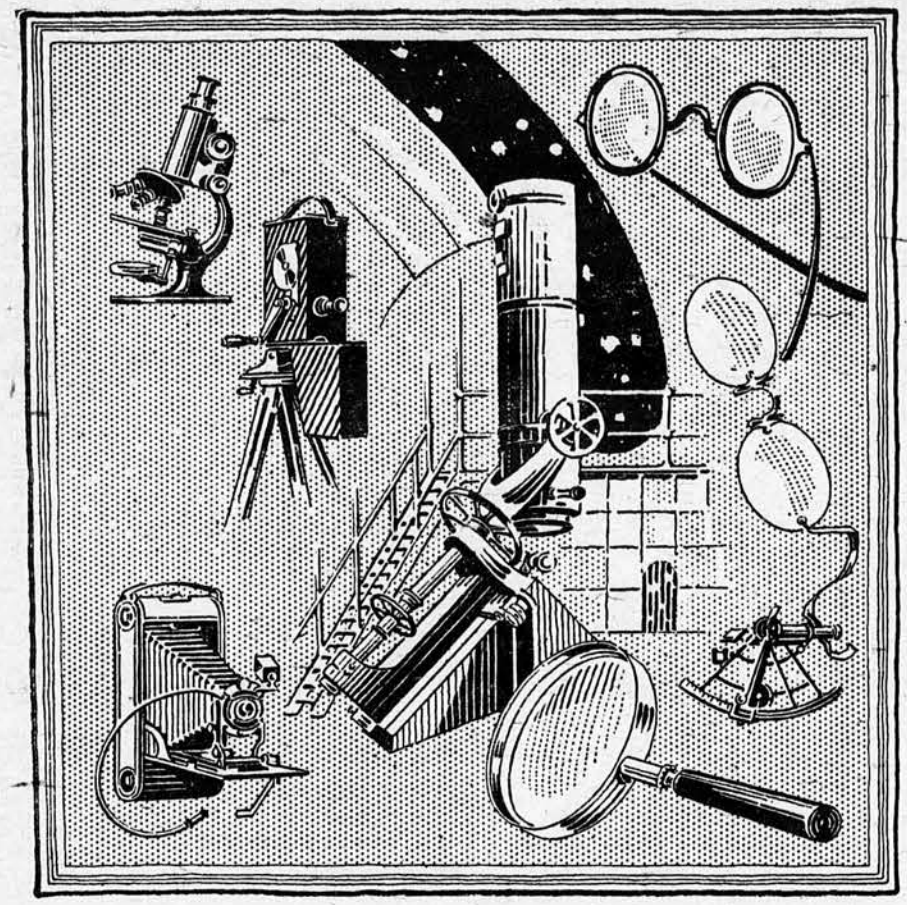


In Growing State

These rare and curious plants grow and stay green by placing them in water; will also grow in light drained soil. When taken out of water they dry and curl up and go to sleep. They will keep in this state for years and reawaken directly upon being put into water. It's an interesting and pretty house plant. To grow it, simply place the whole plant in water; it will open up and begin to grow in about twenty minutes; after that simply keep the roots in water; change the water every four or five days.

OFFER This Resurrection Plant will be sent free and postpaid with an eighteen-month subscription to Capper's Farmer at 25c and 10c extra to pay for packing and postage (35c in all). Subscription may be new or renewal. **CAPPER'S FARMER, TOPEKA, KAN.**

A11204 974977



How lead helps you see

THE use of lead in lens-making has made the planets in the universe objects as familiar to astronomers as are the chickens in a barn-yard to a farmer's wife.

The microscope lens, containing lead, has enabled science to count and classify bacteria so small that millions can live in a drop of milk.

There is lead in the telescopic lens of the sextant with which the navigating officer determines his latitude and longitude and plots the course of his ship.

Lead gives to glass the quality necessary for properly bending the rays of light, so that the magnifying power of the glass lens is enormously increased.

Thus with the help of lead the courses of stars and comets are revealed. The length of days and seasons, even the weather, can be known in advance. With the help of magnifying lenses man has developed the serums that protect humanity against diphtheria, typhoid, and other diseases.

Lead in other lenses

The same lead is used in making the moving picture lens through which you see the countries and peoples of the world. It is in the glass lenses of ordinary cameras, and also in those of spectacles, eyeglasses and reading glasses.

Paint needs lead

The most widely known use of lead and its products is, however, in making paint. It is white-lead that gives to good paint its ability to last long and adequately protect the surface. The quality of any paint depends largely upon the amount of white-lead it contains.

Property needs paint

Until recently many people did not realize as fully as they should that by keeping the natural destroyers away from their property they prolonged its life. Today, however, they are acknowledging the wisdom of the phrase, "Save the surface and you save all." And they are saving the surface by painting with white-lead paint.

What the Dutch Boy means

National Lead Company makes white-lead and sells it, mixed with pure linseed oil, under the name and trademark of *Dutch Boy White-Lead*. The figure of the Dutch Boy you see here is reproduced on every keg of white-lead and is a guarantee of exceptional purity.



Dutch Boy products also include red-lead, linseed oil, flatting oil, babbitt metals, and solder.

Among hundreds of other products manufactured by the National Lead Company are battery litharge, battery red-lead, pressure die castings, cinch expansion bolts, sheet lead, and Hoyt Hardlead products for buildings.

More about lead

If you use lead, or think you might use it in any form, write to us for specific information; or, if you have a general academic interest in this fascinating subject and desire to pursue it further, we will send on request a list of books which describe this metal and its service to the civilized world.

"Save the surface and you save all"—Dutch Boy Trade Mark

NATIONAL LEAD COMPANY

New York Boston Cincinnati San Francisco
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JOHN T. LEWIS & BROS. CO., Philadelphia
NATIONAL LEAD & OIL CO., Pittsburgh

Some Lambing Time Hints

Good Care and Proper Feeding Will Insure Larger and More Satisfactory Profits

BY A. M. PATERSON

LAMBING time is looked upon by many flock owners as one of difficulty. It is a very important season for the shepherd and the degree of success thru the lambing season largely determines the profit or loss from a flock and if cared for properly after they are bred, very little trouble will be experienced at lambing time.

The ewes should be given plenty of exercise during the period of pregnancy, as this tends to make the lambs strong and rugged at birth and the ewes will give birth to the lambs with less trouble. The ewes should be well fed, but not allowed to get too fat. Where good silage is fed with the addition of some alfalfa or clover hay and some rough feed such as stover or fodder, no grain need be fed the first 100 days of pregnancy, unless the ewes were in a thin, run-down condition at breeding time. Where alfalfa or clover is not available, a light ration of linseed or cottonseed meal may be fed to add protein to the ration; about 1 pound a day to six or eight ewes, or about ¼ pound of oats a day.

Feed for Milk Flow

For 30 or 40 days before lambing the ewes should be fed a grain ration. This will insure a good flow of milk, which means the lambs will be ready for market earlier than if the ewes are poor milkers.

Before the ewes begin to lamb, the barns or sheds should be cleaned out thoroly and a good supply of dry, clean bedding kept on the floor at all times. The barn should be free from drafts, have plenty of ventilation and arranged so as to get as much sunlight in the barn as possible.

While the ewes are lambing, the successful shepherd watches the flock closely and is always at hand to give the ewe or lambs assistance when needed. In this way many ewes and lambs are saved which otherwise might be lost.

Some portable hurdles about 4 by 4 feet should be provided to put the ewe in while lambing and to keep her there until the new born lamb is strong enough to follow its mother.

After the lamb is born, the shepherd should see that the ewe will own it. He should examine the udder and see that no tags of wool will interfere with the lamb in nursing. The ewe's teats should be examined to see that the lamb can receive nourishment.

May Need Artificial Respiration

At times the new born lamb is almost lifeless and often can be revived by wiping the mucus from its mouth and nostrils, then blowing into its mouth. It sometimes is advisable to use artificial respiration by placing one hand on each side of the heart and pressing inward and outward until the lung action starts and the lamb may be saved.

When lambs become chilled they should be put in a box and taken to a warm stove. Sometimes it is advisable to place a jug of hot water in the box with the lambs. If the lamb is badly chilled, it should be put in a pail of hot water as hot as the hand will stand, then should be left in the bath for 4 or 5 minutes. It then should be wiped dry and kept near a warm stove and fed a little of its mother's milk with a spoon, so it may regain its strength. After that the lamb should be returned to its mother.

When a lamb dies, a lamb from a ewe that has twins, or insufficient milk, should be put with the ewe that lost her lamb. This may be accomplished by taking the pelt of the dead lamb and putting it on the lamb which is to be transferred to the ewe that lost her lamb. Another way is to hold the ewe several times a day and allow the lamb to nurse her.

Young lambs should be given the run of a dry, clean yard. If they can get plenty of exercise, very little trouble from constipation will be experienced. However, in cases of constipation, which will cause the lambs to become listless and hump-backed, give 1 or 2 teaspoons of castor oil and if this does not afford relief give a rectal injection of warm, soapy water or glycerine and water.

Early Docking Most Satisfactory

All lambs should be docked when about 10 days old. This is easily done by removing the tail with a sharp knife or docking iron about 1 inch from the body. It is a good plan to watch the lambs for a few hours after docking and if any show signs of excessive bleeding a string may be tied tightly around the stump and left for about an hour. All market lambs should be castrated as this will give better carcasses and they will make better gains from the feed fed. Lambs should be castrated about a week after docking. Some shepherds recommend docking and castrating at the same time. However, the shock of both operations at one time is too great.

Lambs will begin to eat when very young and should be provided with a creep in which is fed a ration of about 20 per cent ground corn, 40 per cent ground oats, 30 per cent bran, and 10 per cent oilmeal.

The ewes should be well fed after lambing so they will have an abundant supply of milk.

More than 500 farmers and breeders raising all kinds of domestic animals answered questions sent out by the United States Department of Agriculture and from these replies it was determined that these men consider purebreds 40 per cent better from a utility standpoint than common stock. They say that offspring of purebreds are worth practically 50 per cent more in sale value than the offspring of grades and scrubs. Also, purebreds were found in nearly all cases to be more readily salable.



Prof. "Andy" Paterson, the Sure Enough Sheep Man at K. S. A. C., Posing the Champion Shropshire Ram in the Animal Husbandry Department Flock

A Genuine 1923 Comeback

Despite Slight Advances in Prices of Most Equipment, Farm Conditions Will Improve

BY FRANK A. MECKEL

THERE have been several recent announcements of slight advances in the price of farm machinery and there doubtless will be a few more such announcements made in the near future.

On the face of it, this may stir up a little unrest and ill feeling in some quarters, but it is doubtful whether this feeling will be at all general, for there is a reason for the advance, and the folks who use farm machinery are as a class, clear thinking enough to look at both sides of the question.

Congress Investigates Machinery Costs

The Sixty-seventh Congress of the United States appointed a joint commission of agricultural inquiry to investigate the matter of farm prices and the prices of commodities which farmers buy. The report of this committee with reference to the prices of agricultural implements from 1913 to 1922 is interesting. In brief, this report states that the peak reached in prices of agricultural implements over 1913 or 1914 was 75 per cent whereas the wholesale prices of all commodities reached a peak of 172 per cent. From investigation made by this commission it was also found that the present factory prices of agricultural implements, if power equipment and twine were not included, when compared with the prices of 1914 show an increase of 41 per cent over the 1914 prices. If power equipment and twine are included in the computation, the increase of prices over those of 1914 would be less than 20 per cent, while the present prices of all commodities when compared with the prices of 1914 show an increase of 52 per cent.

It may readily be seen in the foregoing statement that the including of power equipment was potent enough to reduce the price level of the entire implement industry from a 41 per cent increase to one of less than 20 per cent, which would certainly show that power farming equipment was pretty close to rock bottom in price in 1922. As a matter of fact, the power farming equipment industry was deflated even lower than agricultural products in 1922.

Big Advance in Raw Materials

On the other hand, when the implement manufacturers went into the market in the fall of 1922 to purchase raw materials for 1923 production they were confronted with increase in price of pig iron, steel and other necessities of production ranging from 25 to 100 per cent, and while it is to be regretted, an advance in the prices of implements and machinery is more or less inevitable under existing condition.

Now, looking at the farm side of the question we find that there has been some progress made on that side of the ledger. The prices quoted here are general average prices for the months of December, 1921 and December, 1922. They will show just where the farmers of the country stand in the matter of readjustment.

Product	1921	1922	Increase Per Ct.
Cotton	$.17	.26	53
Wheat	1.08	1.27½	18
Corn	.46½	.75¾	63
Oats	.33	.45	40
Grain sorghums on farm	.39	.87½	127
Hogs	6.70	8.20	22
Beef Steers	7.25	9.95	37
Fat Sheep	3.90	7.00	80
Fat Lambs	8.80	15.00	70
Wool at Boston	.35½	.57	60

The United States Government report given out December 16, 1922 gives the value of farm crops on the farm for 1921 and 1922. The value of crops on December 1, 1921 was $5,729,912,000 while the value of the 1922 crop on the same date of that year was $7,572,890,000. This shows an increase of $1,842,878,000 or 32 per cent. It simply means an increase of nearly 2,000 million dollars in farm wealth in 1922 over 1921. And furthermore, some of the 1922 prices quoted are lower than they are today. Corn jumped 5 cents a bushel before the end of the year, so that figure would be even greater today than it was December 1, 1922. A jump of 5 cents a bushel on the Nation's corn crop means a matter of 145 million dollars.

There we have the two sides of the question. There are always two sides to any question, and it is always best to consider both sides. Certainly the clear thinking man cannot ignore the actual facts. While many of us may groan inwardly when we learn of advances in prices of implements, we cannot say that a 10 or 12 per cent advance in that line is out of proportion to a 32 per cent rise in the prices of farm products, and it is doubtful whether machinery prices will rise higher than 10 or 12 per cent above present prices.

There are two great factors which are today working against the better conditions and more even price levels in this country. One of them is the present transportation cost problem and the other is closely akin to this. It is the labor situation in the coal fields. When a man who tills the soil on an Illinois farm is able to earn only $1.50 a day with his team of mules and a man working under that very same Illinois farm can drive a team of mules and earn $7.50 a day, there is bound to be some discrepancy.

When it costs as much to ship an implement from Chicago or Moline to some point in Texas as the manufacturer gets for the machine itself, the shoe is going to pinch someone, and we on the farm know who that someone is.

When organized labor stands up on its hind legs and says that it will absolutely not give up any of the advantages it was able to squeeze out of the public during the war, and shop labor in the implement factories is costing manufacturers as much now or even more than it did during the war to say nothing of before the war, we can readily see that manufacturers have a few problems of their own. Production costs are going up, but the thing we can be thankful for is that farm products are going up also and we will be in a better position to meet the situation in 1923.

Manufacturers cannot hope to compete with other factories if they have a lot of antiquated machinery in their factories. Neither can farmers hope to stand the gaff if they are equipped only with a lot of broken down and antiquated implements. They need modern machinery to successfully operate their farms and they will buy these machines in 1923 and they will be in a better position to buy them or else reliable figures are awful liars.

Plan now your cropping system for the year. The brain used in spring will save the back and many worries in July and August.


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McCormick-Deering Tillage Implements combine the three essentials—good work, long life and convenience. They are mechanically correct because their construction is based on ninety years of practical farm and factory experience. They are priced on the basis of economical quantity production, and as an investment they offer you attractive returns.

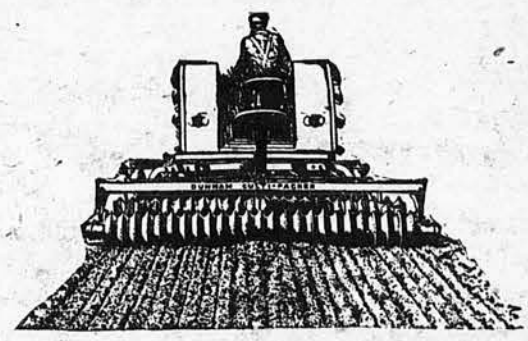
The McCormick-Deering dealer is equipped to fill your tillage tool needs. Why not stop in at his store and talk over your new machine requirements with him?

McCormick-Deering Tillage Implements

Tractor Disk Harrows	Spring-tooth Harrows
Horse Disk Harrows	Open-end Peg Harrows
Dunham Culti-Packers	Closed-end Peg Harrows
Orchard Disk Harrows	Flexible Peg Harrows
Reversible Disk Harrows	Wood Bar Harrows

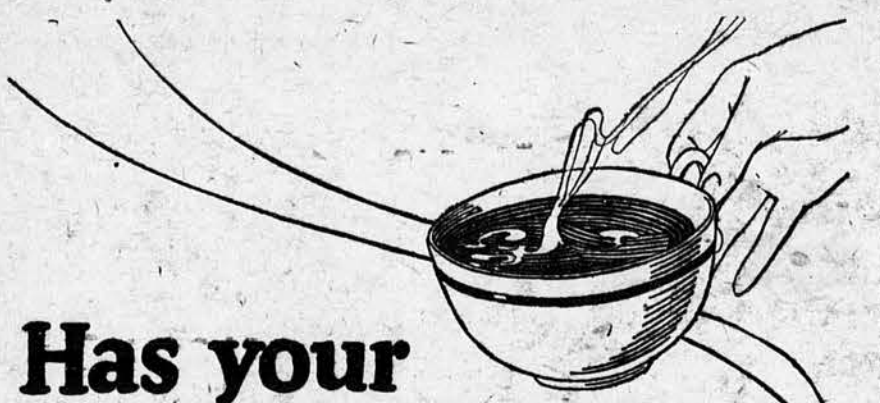
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As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

Jayhawker's Farm Notes

By Harley Hatch

The Mild Winter Has Been Very Favorable for Farm Work Which is Now Well Advanced

THE winter up to this time has broken all records of the 26 years we have lived in Kansas, and has been very favorable for all farm work which is now well advanced. Not perhaps in mild temperatures, for we believe we have had as warm winters before, but in the fact that February is half gone and we have not yet seen a single flake of snow in Southern Kansas. Despite this lack of moisture, the soil has seldom been in better winter condition for wheat than it is just now. If freezing is to kill out the wheat it must come soon for there is seldom any killing weather after February 15.

Canned Vegetables on the Farm

At a meeting of the stockholders of the Farmers' store in Burlington a few days ago the manager, in making his report, spoke of the very few sales they had made, in the last six months, of canned goods of any kind. There had been a very small volume of sales of canned vegetables but of canned fruit there were virtually no sales at all.

Not long ago a large part of the farm grocery trade consisted of canned goods but the necessity for economy has turned every farm house into a home canning plant. Recently we read about a Kansas county where a census showed an average of 35 cans of fruit and vegetables on the shelves of every farm home in the county.

There has been no such census taken in Coffey county but I believe that one would show more likely an average of 100 cans in every farm home than of 35. In fact, we know of several Coffey county farms where the average consumption of home canned goods is 10 cans each week and from news we gathered last fall we know of many cellars which then held from 500 to 700 cans of fruit and vegetables, virtually all the product of the farm. We rather judged at the time that there was more or less of a race on between a number to see which could fill the largest number of cans.

Oil Promoters in Abundance

It is a day much out of the common here when one or more oil men do not visit the farms of this vicinity. The field of proved oil production seems to be working closer all the time and of late the farther north the wells are brought in, the better they seem to be. Most of the acreage near this field is now under lease; for some of it good prices have been paid. We know of several who have received as high as $35 an acre for their leases and from $10 to $25 seems a common price within 4 or 5 miles of proved production.

This farm, and several others adjoining it have not yet been leased. We are not asking anything out of the ordinary for our leases but we do not care to make some speculator a present of them. We have never expected to receive anything from the oil business and even the erection of derricks in sight of the house does not stop the planning of spring crops. If real genuine luck comes our way it will be for the first time in 52 years; in the words of the old darky song, "If it rained down coin, we hope to choke, we believe we would have a paralytic stroke."

Less Pasture Land Now

We have, in the last month, received many inquiries regarding pasture and meadow land here. These inquiries were caused by what I have reported at different times as to the prices paid for grass during the last season. Grass cannot be obtained this coming season for the low figures reported last year, for several reasons. One is, a growing scarcity of pasture. There are more cattle here than there were one year ago and the acreage to be pastured is not so large. This reduction in acreage is largely due to the extension of oil production which has taken several sections which have in the past been in pasture.

Men with increased numbers of stock are looking after meadows, for the possession of a good bluestem meadow almost certainly insures rough feed. We were told this week by a banker that he had of late written a number of leases for grass land for other parties and that the average price paid was about $200 for 160 acres of grass. I doubt whether this grass land could be leased for pasture for that amount for it is well known here that pasturing bluestem grass is much harder on it than cutting it for hay.

Cow Adopts Poland China Pigs

BY JOHN W. WILKINSON

ONE of Saline county's progressive farmers, E. W. Whitehair, who lives 11 miles southeast of Salina, Kan., has a cow that adopted two Poland China pigs last fall and nursed them until they were big enough to feed. The mother of the pigs died shortly after their birth and they were promptly taken in charge by the cow. The owner recently marketed these pigs and they weighed 300 pounds apiece.

Mr. Whitehair has a farm of 210 acres on which he grows corn, kafir, wheat, and oats with fairly good yields every year. He also raises purebred White Rock chickens and has a flock at the present time of approximately 200 birds. Mr. Whitehair makes a specialty of selling settings of eggs of these purebred fowls and often has more orders than he can fill which come to him thru advertisements in the Kansas Farmer and Mail and Breeze and in the local county papers.



Your Money—How to invest It

Corporation Earnings Spotted—British Debt Adjustment Plan Pleases

YEARLY reports of some of the large corporations of the country show the earning ability of various industries to be spotted. The United States Steel Corporation in a recent report shows that it did not earn its 5 per cent dividend on its common stock in the last three months of 1922. This is attributed in part to recent increases in wages of mill workers.

On the other hand the Atchison, Topeka and Santa Fe Railroad, one of the largest railroads in Kansas, which operates from Chicago to the Pacific coast and Gulf of Mexico, made a very satisfactory showing in 1922. During the year the net operating income was 40 million dollars compared with 41 million in 1921. Operating expenses were approximately 6 million dollars less last year than in 1921, despite the added cost of the shopmen's strike. Operating revenues for 1922 were nearly 4 million dollars less than in the previous year.

The Santa Fe common and preferred stock, in view of these figures, may be considered as a fairly satisfactory purchase at the present levels. Common is quoted at around 100 and returns 6 per cent, tax free, if the owner of the stock lives in Kansas. The preferred, which pays a 5 per cent dividend, can be bought at around 92. It also is tax free to Kansas holders. The Santa Fe is operating under conservative management and is in a position to maintain its dividends and could, if the management so desired, increase the common stock return.

Securities of motor car manufacturing concerns will be affected by price increases which, it is reported, are due to come soon. The last year saw many production records broken in this field and satisfactory earnings by numerous concerns. Whether price advances will slow down buying to an extent that will affect earnings is problematical but it would appear that at present levels motor securities are sufficiently high as they probably already have discounted all benefits that may accrue.

The decision of the British Empire to accept the offer of the United States Government in regard to the refunding of the British debt to the United States has been very favorably received among bankers and financial leaders, who see in it an indication that Great Britain feels herself able to cope with present difficulties. They also show satisfaction that the war debt situation evidentally is on the road toward adjustment on a basis that will be fair. The terms of the proposed settlement are that Britain will pay 3 per cent interest for the next 10 years and 3½ per cent thereafter until the debt comes due, which will be in about 62 years.

Reports continue to be received from all sections of the country indicating that business is improving in most lines and reflecting the sentiment of business leaders that this improvement will continue. These reports show that prices of farm products are still tending upward, which, it is to be hoped, will continue until they are more nearly on a par with the prices of manufactured commodities.

The present is a fairly good time to use considerable caution in buying securities. The bearish tendency on the stock market still persists altho it by no means is in control of the situation and shorts frequently are being run to cover. Early in February there was a decided upward movement in stocks with much activity in the sugar shares and bonds due to a threatened shortage in production.

Rat Campaigns Successful

The Biological Survey of the United States Department of Agriculture conducted an anti-rat campaign in Georgia during December, and followed it with a similar campaign which is in progress in Virginia. In co-operation with the extension service of the Georgia Agricultural College, preliminary organization work was done, and a state-wide publicity campaign was conducted. The campaign attained its greatest efficiency at Atlanta when the chamber of commerce purchased and distributed free of charge 2¾ tons of barium carbonate for poisoned baits for rats.

Satisfactory results are reported both in the number of rats killed and in the interest aroused in making conditions less favorable for these pests by eliminating sources of food and harborage, and by the rat-proof construction or repair of buildings. It is planned to follow up the drives from time to time as required to control the rats effectively.

Farm Bulletins for March

The United States Department of Agriculture announces it has a number of bulletins for free distribution that will be of especial interest to farmers during the month of March. Among these might be mentioned the following:

Farmers' Bulletin 181, Pruning; 206, Milk Fever; Its Simple and Successful Treatment; 440, Spraying Peaches for the Control of Brown Rot and Curculio; 597, Road Drag and How Used; 609, Bird Houses and How to Build Them; 639, Eradication of Cattle Tick in Dairying; 766, The Common Cabbage Worm; 863, Irrigation of Grain; 882, Irrigation of Orchards; 947, Care and Repair of Mowers, Reapers, Binders; 961, Transferring Bees to Modern Hives; 979, Preparation of Strawberries for Market; 1017, Cattle Scab and Methods of Control; 1045, Laying Out Field for Tractor Plowing; 1150, Parasites and Parasitic Diseases of Sheep; 1175, Better Seed Corn; 1176, Root, Stalk, and Ear Rot Diseases of Corn; 1181, Raising Sheep on Temporary Pastures; 1185, Spraying for the Alfalfa Weevil; 1189, The Handling of Spinach for Long Distance Shipment; 1211, Home Canning of Fruits and Vegetables; 1220, Insect and Fungous Enemies of the Grape; 1284, Apple Orchard Renovation. Department Circular 214, Fusarium Tuber Rot of Potatoes.

Copies may be obtained free by addressing the Division of Publications, United States Department of Agriculture, Washington, D. C. Specify number and name and whether Farmers' Bulletin or Department Circular is desired in each case.

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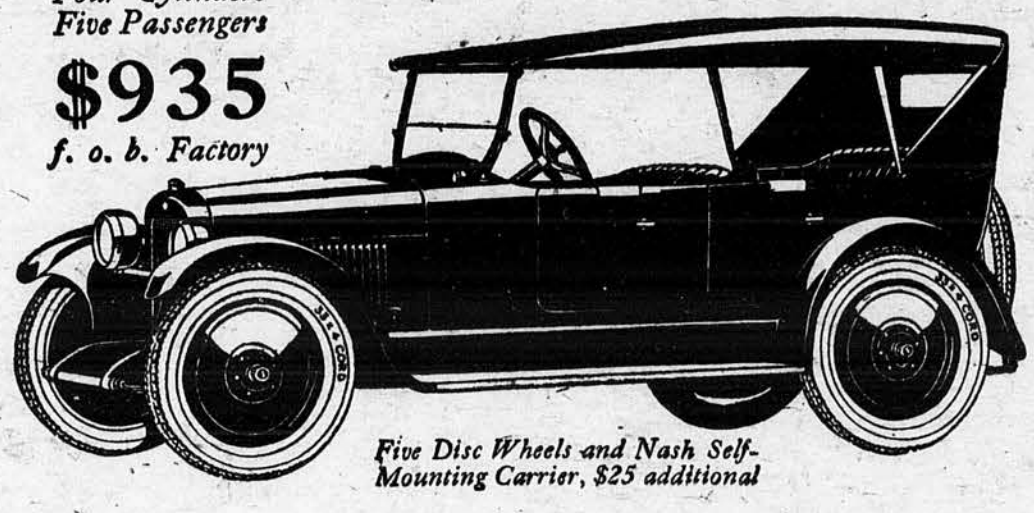
Write for chart No. C-29, "How to Feed Calves," giving important authoritative information for farmers. Sent you FREE.

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New Touring Model
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Five Passengers
$935
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Five Disc Wheels and Nash Self-Mounting Carrier, $25 additional

Here, in this new Four touring model for five, Nash has incorporated engineering improvements that reveal themselves immediately and forcefully in finer performance that is also even more economical performance than ever before. Particularly is it a car destined to win a pronounced preference among farmers because of its honest, rugged construction and its exceptional freedom from need of repairs or adjustment.

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Prices range from $915 to $2190, f. o. b. factory

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The first Russell Tractor was made in 1875. The 1923 Russell is backed up by 48 years' experience in tractor building. It's built with hand-made quality of workmanship and material throughout; with an eye not to how many but to *how good.*

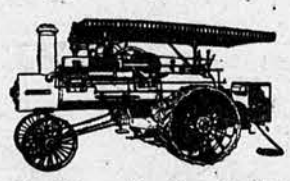
New Auto type steering device; hot riveted, heavy and rigid steel frame; two forward speeds on direct drive; wonderful heavy duty motor; dust-proof working parts running in oil—these are just a *few* of the reasons for the Russell's absolute supremacy in long, faithful, *economical* service.

Don't buy any Tractor until you learn about the new 1923 Russell. Call and let us show you—but send *now* for new catalog.

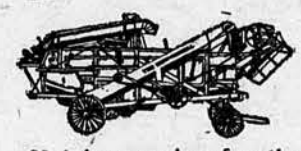


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Everyone Playing Politics

Governor, Legislature, American Legion and Lobby Playing for 1924 Campaign Position

BY CLIF STRATTON

IT'S A great little game of politics being played in Topeka this year, during the year of our legislature of 1923. And sometimes it looks as if the players believed that politics is more of a game of chance than of skill—as it frequently is.

Governor Davis, Democrat, is playing politics. The state senate, Republican by a margin of 38 to 2, is playing politics. So are the 30 Democrats in the house. The 95 Republicans in the house are trying to play politics, but are having some trouble in learning the rules of the game as the third house—meaning the lobbyists—expects the game to be played. In other words, the house Republicans are unable to get together and cast as many as 63 votes on the same side of a bill.

All parties concerned are trying to play the game so that the other side will be in bad, and themselves in good, for the 1924 campaign. As a result, things are getting beautifully muddled up.

Governor Davis Playing the Game

The governor started early. His message to the legislature, recommending 64 measures, covered everything suggested in Kansas political programs in the last two decades, except the gross production tax on oil which came in on the wings of his second message. There was no chance that any legislature would enact even a majority of the recommendations into law. But in the next campaign the governor could point out that a hostile legislature had refused to adopt his measures for the general good of the state.

Then he appointed his campaign manager, Carl Peterson, bank commissioner, but wisely refrained from sending the appointment to the senate for confirmation. A few days later he appointed A. B. Carney of Manhattan member of the Kansas State Board of Administration, and sent his name up for confirmation. The senate promptly confirmed Carney, as it probably would have refused to confirm Peterson. The governor is a wise bird.

The governor urged the consolidation of all boards and departments affecting agriculture under one head—except the Kansas Grain Inspection Department. He set his foot down there. The Kansas Grain Inspection Department has some 157 inspectors, all over the state, and the governor intends to keep his hands close on that department. These inspectors can be used in a number of ways, even during campaigns.

Veto of Entomological Appropriation

Governor Davis bluffed the Republican legislature clear off the boards on the Kansas State Entomological Commission. The legislature allowed four times the usual amount for the "bug hunters," a total of $26,000 for two years. The governor promptly vetoed the bill. The Republicans called a caucus to pass the measure over his veto, considered the amount of the appropriation and past appropriations, and switched the subject to party platform pledges.

The Governor's Second Message

Governor Davis's second message, in which he called the legislature sharply to time for not enacting any laws, was a master stroke. It was timed just right. Both houses had been working in committee, and were ready to act on bills. The governor's message came just as these measures were ready for passage. The night of the governor's message a Democrat hailed a messenger carrying 19 bills to the state printing plant to be printed.

"The governor's message sure stirred things up, didn't it?" the Democrat exulted. "Look at the bills already passed as a result."

No Committee Runs the Governor

One thing will have to be said for Governor Davis. He is running the governor's office himself. When he has an appointment to make, he calls no "prominent Democrats" to come in and make suggestions. He wires the appointee to come to Topeka and take the job. Sometimes he doesn't even consult the head of the department or the board which is supposed to appoint. He gets direct action.

The same thing was true when he was writing his second message. The governor, his private secretary, and private stenographer were the only ones who even knew the message was

(Continued on Page 23)

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Akron, Ohio.—A prominent Ohio physician has discovered a wonderful new method, which is completely revolutionizing the treatment of rupture. This remedy is totally different from any other—no operation—no cutting, and nothing to "rub on." Anyone can use it without pain or danger and without losing an hour from work.

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of pure vitamine-bearing cod-liver oil. It is a food-tonic that helps assure normal growth and strength of children and grown people. *Always ask for Scott's Emulsion!*

Scott & Bowne Bloomfield, N. J.

Winners of Ribbons in the Farmers' Stock Judging Contest

HERE are the winners in the Kansas State Farmers' Stock Judging Contest held during Farm and Home Week at the Kansas State Agricultural College in Manhattan. Reading from left to right they are as follows: B. F. Ford, Seneca, high judge of horses; F. C. Otto, Riley, high judge of cattle; W. A. Gladfelter, Emporia, high judge of hogs; R. G. Bell, Spearville, high judge of sheep.

Prof. F. W. Bell, of K. S. A. C., recognized as the most successful stock judging coach in America, was in charge of the contest. Professor Bell deserves credit for making the event one of the best on this year's Farm and Home Week program.



The Lone Hand

(Continued from Page 9)

he takes a notion, he can dump us all out without warning, put in a new board of directors, and run the thing to suit himself."

"I should hardly expect him to do that," ventured Desire.

"No, because we're all valuable people. He could scarcely get along if we all went at once. What he will try to do is to get something on some one of us—locate the leak, as he calls it. Of course there isn't any leak; but as long as he thinks there's one, he'll keep on hunting for it, like a dog worrying at an empty rat-hole. He's sure to make us all uncomfortable, and that breaks down the morale of the house and hurts business. It destroys team-work; and if there's anything I pride myself on, Miss Brown, it is the fact that since I've managed this concern, we've had team-work."

Desire nodded slightly. She was trying not to show her distaste for Curdy and his pompous self-conceit.

"Now this is what I'm going to ask you to do. The old man objects to my having a secretary. He thinks I should dictate my stuff to any stenographer who happens to be available; and he thinks I'm putting on airs. I'm going to turn you over to Mr. Hiram Bosworth and see how it works. He's got to have some one, and you're the smartest girl in the shop. You'll please him, I know."

"You mean you're going to throw me to the lion?" suggested Desire with forced humor.

"Yes; for the good of the business." He paused significantly.

"I don't know that I quite understand you," said Desire.

"Do I have to make myself plainer? Well, I might as well be frank. The old man doesn't like you; but he will, when he finds how efficient you are. I think you can help the business a good deal more with him than you can if you keep on in your present position; and I'll raise your pay to twenty-five a week. You have the real interest of the business at heart; act accordingly. Don't let Bosworth put anything over on us, that's all. Keep us posted—that is, Phil and me; especially me. I'm the brains of this concern just at present. When Phil gets older and has had more experience—"

Desire looked steadily into the small, mean eyes of Leach Curdy.

"I see," she said. "You want me to spy on Mr. Bosworth and inform you of his plans, if I can find out what they are—for the good of the business."

Desire's heart was beating very fast and hard. She wanted to tell Curdy just what she thought of him; she would have liked to do him some physical mischief; but, as before, she kept her poise.

"For the good of the business," repeated Curdy.

"Of course," assented Desire Brown. "I'd do anything in the world for the good of the business!"

Three Crooks Get Together

Leach Curdy and Peter Nagel, head of the Bosworth Press sales department, sat with Renfrew Meredith in the grillroom of the McAlpine Hotel and partook of nourishment.

Renfrew Meredith was a free-lance dealer in paper stock, representing several mills. He owned no warehouse, but merely had desk-room in an office on lower Broadway. If you wanted a job lot of odd sizes at a cut price, you went to Meredith. If you wanted three or four tons of coated, or some special covers, or anything out of the ordinary, Meredith would get it for you if it could be had.

Meredith sometimes acted as go-between for printers who desired to sell or buy second-hand presses, cutters, any of the paraphernalia of the graphic art. He was a handy man around the trade, a walking encyclopedia, gathering and retailing gossip, always ready to buy a lunch, or to accept one if you insisted. And he was as honest as a fox—if you don't care what you say about the fox.

Still, being a kind of peripatetic convenience for printers and paper people, big and little, he had a certain standing, even with some of the more important ones. He had a way of making a dollar easily and quickly; and if you helped him to do so he would cheerfully share it with you and pay for the drinks out of his portion of the spoils.

"That's news," he was saying, spearing a Little Neck and anointing it liberally with horseradish. "I didn't suppose the old boy would ever get into the game again. He's some go-getter, that one; wouldn't be surprised if he came back strong."

"I wish somebody had throttled him before he ever took a notion to butt in again," said Curdy vindictively. "Pete and I stood to clean up fine in a few years more—eh, Pete?"

Nagel nodded sadly and called for more butter.

"That old man can ask more pointed questions in ten minutes than any one you ever saw," went on Curdy. "He's stood me on my head half a dozen times a day, and poor Pete here is so scared he doesn't dare to come near the office at all. Of course it's easy for him, being an outside man."

Bosworth Was Alone

"Bosworth got anything yet?" asked the paper man.

"Don't know; he's so cussed shrewd He would have had the whole works out of me long ago, but he's playing it alone. Every one tells him that he's wrong, and that he's only butting in and gumming things up. He gets no sympathy from anybody. Even the help resent his interference, because they've seen us busy right along, and they think things are in good shape, so there's no excuse for the old man to meddle."

"I guess I'll keep away," said Meredith. "He might put me on the rack."

"Ren, if he ever lands on you you'll leak like a sieve. If you value your own hide, to say nothing of mine and Nagel's, lay off."

"What's he say about the big warehouse full of stuff you used to keep?"

"Crazy! Can't understand it. But we fixed the records fairly well; and I've been pretty liberal with Regan, the stock clerk, so Bosworth 'll have to dig a long time before he finds out what became of most of it. He thinks we've let the stock run low on account of the uncertainty of the market—that is, we think he thinks so. That's what we told him."

"I hope Regan doesn't squeal on you," said Meredith, shaking his head. "You got away with ten or twelve thousand dollars of that stock, all told."

"You ought to know—you got yours out of it."

"What did you do about the Badgley catalog?"

"Ren, we had to have that job. Nagel quoted away low, too, and Walker, Badgley's purchasing agent, threatened the old man with a lawsuit if we refused to deliver. Bosworth was wild, but rather than go into court he let the contract stand. Lord, if he'd only have stayed away! He'll get to the bottom of that dea one of these days, I'm afraid, and if he ever finds out

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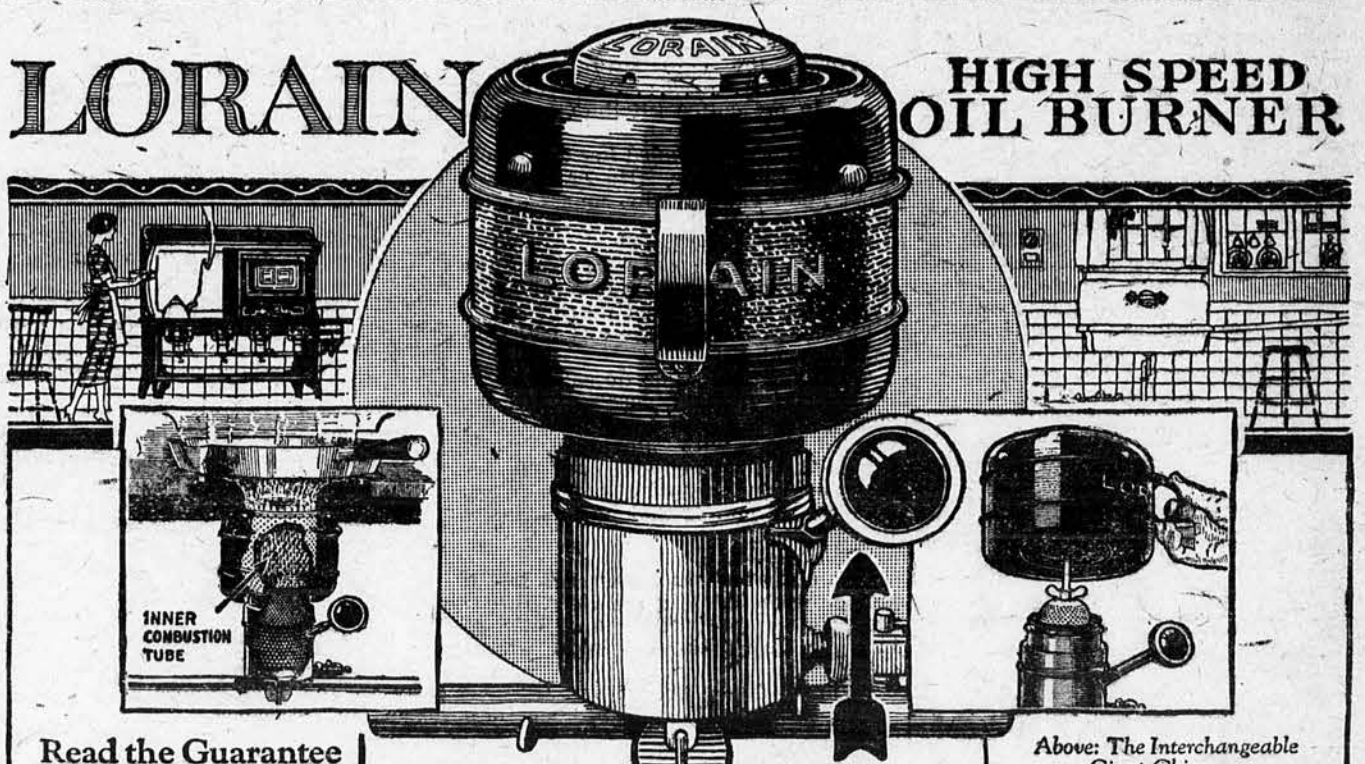
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READ the Lorain Burner GUARANTEE

LOOK for the RED WHEEL

About Oil Stoves

FOR cooking purposes the short chimney oil burner is admittedly far superior. First, because it generates a clean, odorless, blue flame of great intensity. Second, because this intense heat comes in direct contact with the cooking utensil.

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You can get most any size, style and color of oil cook stove equipped with the Lorain High Speed Oil Burner, because many famous makes of oil stoves now have it as standard equipment.

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Important

Every oil cook stove equipped with Lorain High Speed Burners has one interchangeable Giant Chimney which makes any standard Lorain Burner a Super-heating Giant Burner—an entirely new principle in oil cook stove construction.

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that Walker sweetened Pete and me a couple of thousand, it 'll be good night!"

"You boys take some awful chances, Leach. You better stick to me and be satisfied. He's got nothing on me!"

"Quit kidding, Ren. You know if Bosworth begins nosing around the mills he'll have every sheet we've bought for five years checked up, and he'll know to a hair how much it cost you, exactly what it was, and everything. I guess your dealings with the Bosworth Press are about over, boy."

"Good While It Lasted"

"Oh, well," returned Meredith philosophically, "it was good while it lasted. We sure cleaned up on that stuff for the Simple Soap Company's premium list!"

"Yes, we did; and say, the pressmen that ran that job had to be gagged, let me tell you. The wastage was something fierce, and the imperfect books we had to cull out nearly filled a half-ton truck. I had 'em carted off to the Jersey flats and burned."

"Well, you had enough for a good big overrun."

"Sure; but think of the extra press-work! Besides, the customer howled his head off because the books he did get were so rotten. I tell you, it was much too raw, Ren; and that's another thing Bosworth will hear of some day."

"Oh, you can't tell. That was two years ago."

"We'll hope for the best; but don't, on your life, come near the Bosworth Press, because that old man 'll pry the works out of you. He's a wonder when he's on the war-path."

"How's the cute little secretary, Leach? Some queen! She can put sugar in my coffee till the cows come home."

"Fine! I've unloaded her on the old man, and he's sore. He hates her—don't know exactly why, unless it's on account of Phil."

"Is Phil soft for her?"

"Nutty; and the old man thinks the kid has wheedled Phil into swallowing everything we've served up to him."

"Aren't you afraid the girl will spill something?"

"Not a chance. She doesn't know a thing; and, besides, she's with us. That's what I had in mind when I planted her with Bosworth. She's promised to keep her eyes open and let me know which way he jumps. What cuts the old man is that he can't make Phil be good."

"Meaning—"

"That I've had the boy backed into a siding with a lofty-sounding title—manager of production—and he's so busy he hasn't time to know what's going on."

"What is he—a boob?"

"No, he's bright enough, but he's young and unsuspicious. He thinks I'm a wonder—keen executive and all that. I've kept him sold to that idea, flattered him along, and made him believe he's in on everything that happens. He doesn't know yet that he's been shelved; and he's terribly sore because the old man put the crusher on him along with the rest of us the first week he got back. Phil is hot-headed, and when his father was tactless enough to accuse him of inefficiency, he got stubborn. He insists the old man is only muddling up what is in reality a perfectly good business."

"When that boy wakes up, you'd better be a long, long way from here," suggested Meredith. "It looks to me as if you're in for some trouble."

"I wish to thunder some one would put cyanid in the old man's tea!" said Curdy maliciously.

"Unfortunately, Leach, that isn't done this season."

"Worse luck!" grumbled the general manager of the Bosworth Press. "Here waiter, give me the check. Say, Ren, call me up in a few days, and I'll let you know how things go. I'm sort of on pins and needles; but if the little old jinx doesn't bite me too hard, I'll pull thru."

"So-long, Leach; so-long, Pete. Good luck; and say—remember me to the little queen, will you?"

"I will not," said Curdy; and he and the salesman returned to Bosworth's.

Suspicion Was Aroused

"I sent for a stenographer," grumbled the old man. "I don't want to interfere with Mr. Curdy's affairs."

Desire Brown smiled a little timidly. "I'm not doing Mr. Curdy's work any more," she explained. "He has ordered me to report to you, Mr. Bosworth. He thought you'd like some one who would give you exclusive time—and he says you're very particular. I'll do my best."

The old man glared at Desire and opened his mouth to speak. What the devil was Curdy trying to put over now?

"Any other girl would have done well enough," he said ungraciously. "I don't ask for much. My work don't seem to be of any great importance around here."

Desire said nothing, but stood in painful embarrassment, blushing a deep pink, and looking so pretty that the old man became all the more irritated. He fumbled among the papers on his desk, then swept the whole mass into a pile.

"Sit down," he said. "Don't stand and grin at me. You make me nervous!"

(TO BE CONTINUED.)

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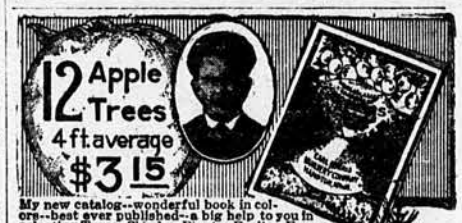
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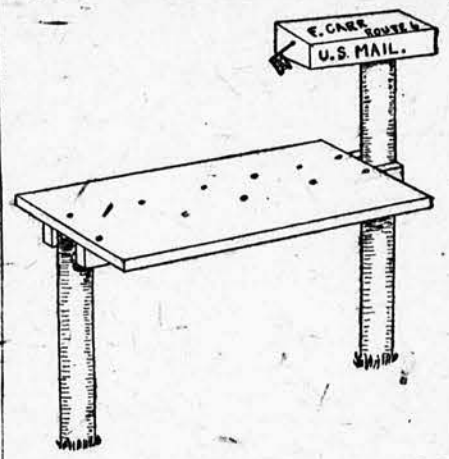
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Here is a combination mail box and milk-can stand that can be built on any farm for practically nothing.

Two stout fence posts and a piece of scantling and an old plank will be all the materials required. The stand can be built of any size to accommodate two or a dozen milk cans, and will do



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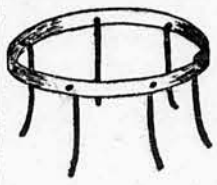
Charles H. Smith.

Grand Rapids, Mich.

A Handy Kettle Stand

There is always the problem of heating water for scalding the hogs at butchering time on the farm. Some hang the caldron on a pole supported by two forked posts while other rig up a three cornered crane on a post.

This device is just a little different and can be made from any kind of an old iron wheel with the aid of a sledge hammer. The hub can be cracked with a few well directed blows of the hammer and the spokes may then be bent out beyond the rim of the wheel. This will make an excellent kettle stand and one which costs nothing. Any farm junk pile will produce the wheel of proper size. The spokes of course must be of steel of wrought iron. Cast iron spokes will not bend.



Chapman, Kan. F. J. Landis.

Cheap Drinking Fountain

For small chicks this little fountain serves admirably. It can be made from an old lard pail or sirup can which has had a small hole punched in the side, about ½ inch from the top.

The can is filled with water and a small tin dish is laid over the top. The can is then inverted, and the water runs out into the dish up to a level with the hole in the side of the can. As fast as water is taken from the dish, it is replaced by fresh water from the inside of the can.

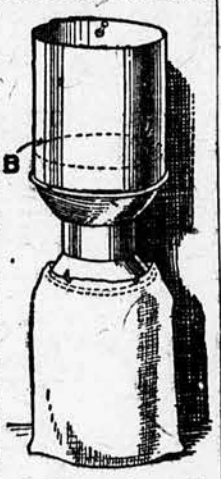


Mrs. Sarah Peters

Utleyville, Colo.

Handy Sack Filler

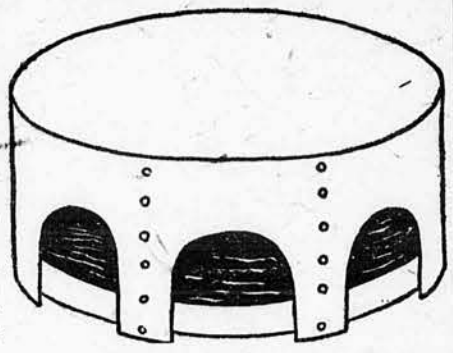
Have you ever been obliged to fill a sack with grain and then been obliged to wrestle around with the sack and spill half the grain out of the scoop trying to shovel it into the sack with one hand and hold the mouth of the sack open with the other hand? If so, you will appreciate this device.



It is made from an old discarded milk can. The bottom is cut off the can with tin snips and it is nailed to the wall. A couple of wire hooks around the mouth of the can will hold the sack in place and filling is made easy. It will not take five minutes to make such a funnel, and it will serve you for many years much better than it will serve out on the junk heap.

Cheese-box Water Protector

Ducks and geese, if kept in the poultry yard with other fowls, enjoy trailing in and out of the drinking water rendering it unfit to drink. This is easily prevented by inverting over



the vessel containing the water a cheese-box notched out as shown in the illustration. Nail narrow cleats on the inside to keep the box from splitting. Covering with the box also helps to keep the contents of the vessel cool.

Mrs. C. B. Smith.

Matfield Green, Kan.

Sick Chickens Go to the Pesthouse

BY EARLE H. WHITMAN

GOOD health is of vital importance if profitable returns are to be obtained from the poultry. This truth is recognized clearly on the Springdale Poultry Farm near Council Grove, operated by Roy and Emma Valentine. Constant effort is made to keep the flock in the best of health. Mites and lice never cause any trouble as they are given no chance to get a start. About every two months roosts, nests, henhouse walls and all equipment are painted with a mixture of 5 per cent crude carbolic acid and 95 per cent coal oil. Three applications are made, three days apart, in order to catch mites in all stages of development. Hens are dusted with sodium fluoride for lice.

As a general health measure, a dose of Epsom salts—1 pound to every 100 hens—is given monthly in the drinking water. In the same way, a monthly dose of crude sulfuric acid, composed of 1 tablespoon of acid to 4 gallons of water, is administered.

And there is a pesthouse, too. "Once in a while," says Miss Valentine, "a hen will catch cold and have watery eyes—the first indication of roup. She is taken out of the flock and to the pesthouse at once. For a roupy hen, I mix up a scant teaspoon of salts in ⅓ cup of warm water and pour the mixture down the hen's throat. Then I dip her head in coal oil. The dose of salts is repeated if necessary, and she is kept in the pesthouse until well. Of course, an ax is used if a hen really is in bad condition, but I believe we have saved ourselves considerable trouble and loss thru using a separate building for sick fowls."



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L. S. Organization Sets Prices

A net return of 96 per cent of stockyard prices for a five-year period is the record set by a Litchfield, Minn., livestock shipping association, according to the United States Department of Agriculture. During the period covered, 995 cars containing 47,369 hogs, 12,011 calves, 9,352 cattle, and 3,113 sheep were marketed at a gross price of $2,277,667.12. Expenses of marketing were approximately $88,000, thus permitting a net return to the farmers of $2,189,512.25.

Freight charges constituted the largest single item of marketing cost, being 38.2 per cent of the total, but as the shipping point is only 80 miles from the South St. Paul stockyards the freight charges are considerably smaller than for an organization at a more distant point. The manager's commission and expenses, yard expense, and sinking fund totaled $18,170. Total market expenses, including freight, switching, and war tax, selling commission, feed, weighing, inspection, insurance, and yardage, were $69,570.19.

Nearness to market is an important factor making possible the return of 96.12 per cent of gross receipts. As the distance of associations from market increases and freight charges increase, the central market expenses form a larger percentage of the total cost of marketing, the Department of Agriculture says.

Kansas Farmer Favors Purebreds

In connection with its study of the utility value of purebred livestock thruout the important livestock sections of the country, the United States Department of Agriculture recently received interesting comments from a farmer in Pottawatomie county, Kansas. He has used purebred sires with all classes of animals on his farm for 20 years.

This Kansas farmer says that his father before him was an excellent judge of livestock, so that he himself "grew up with the idea of better stock."

After 20 years' experience with purebred sires he has found that the offspring of purebred sires is fully 25 per cent better than the average offspring obtained from the use of grade or scrub sires.

He attributes this superiority, in the case of beef cattle, to the uniform size obtained in the young growing animals, their better feeding quality, and also to the fact that their uniformity and quality attract the attention of buyers.

This farmer estimates that his purebred horses and poultry are earning 50 per cent more for him than his neighbors are earning with the use of scrubs.

He speaks favorably of the good work being done by calf clubs and says that he takes pride in inviting high school and vocational agriculture students to see his stock and in getting the boys interested and impressing on their minds the value of right breeding and right feeding.

Extension Bill Passes Senate

The senate appropriation of $90,000 a year to match federal funds coming to Kansas under the Smith-Lever act barely squeezed thru the senate by a vote of 21 to 15. The Smith-Lever act carries a federal appropriation, which must be matched by the state, for agricultural extension work, carried on by county agents under the supervision of the state agricultural college.

Senators who voted for the bill are as follows: Badger, Brooke, Coleman, Culp, Docking Fisher, Finney, Frizell, Gray, Hegler, Hyland, Johnson of McPherson, Kyle, McCoy, O'Brien, Paul, Ridgway, Satterthwaite, Thompson, Vincent, Wolf.

Senators who opposed the passage of the bill are as follows: Chase, Davis, Finley, Gates, Green, Howard, Johnson of Brown, Laing, McIvor, Price, Skidmore, Snyder, Taylor, Watkins, Woodbury.

A machine is not a living thing, yet like a person, it has its ills and troubles and, like a person, it needs the doctor and needs him at the proper time or else its mechanical life is shortened or lost. The proper time for the doctor is just when the trouble starts and not when life is gone.

Why Wear Yourself Out?

How the Water Problem Was Solved in Five of Our Kansas Farm Homes

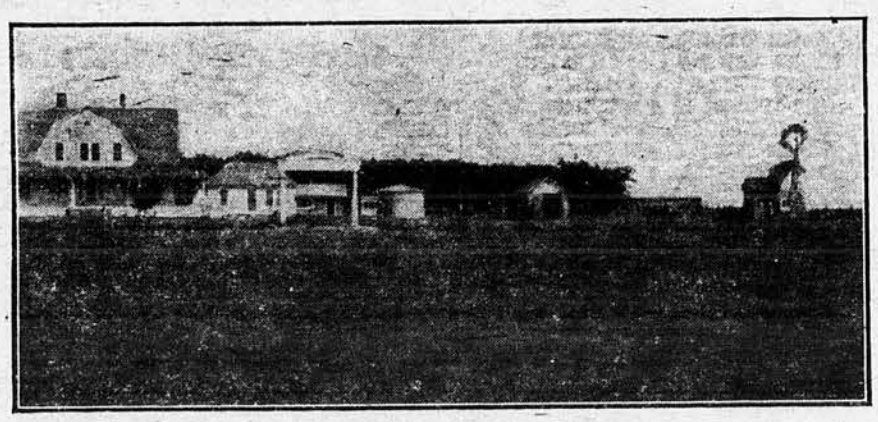
BY JESSIE G. ADEE



A Well on a Hill in Back of the Kuhrt Home, Edson, Kan., Supplies Running Water for the House and Garden

MRS. PAULINE KUHRT of Edson, Sherman county, has a hill behind her house. At the top of the hill there is a well. From this well a gasoline engine pumps water into a cistern in the hill. Pipes run from the cistern to the kitchen and bathroom in the house and to the tanks at the barn and the hog lot. A row of hydrants in the garden helps to carry on the rain-maker's job when there is a summer dry spell. Mrs. Kuhrt attaches a hose first to one and then to another and carries water all over a large garden. She always raises vegetables even in a dry summer.

Fully as interesting is the water system of Mr. and Mrs. John Sholz of Huron, Atchison county. For years they carried water from the well while perfectly good water and water power



The Elevated Tank which Supplies Running Water to the Home of Mr. and Mrs. George Cramer, Kanorado, Kan.

in a draw a hundred yards off ran merrily away. Then they sent for Walter G. Ward, the rural architect of the Kansas State Agricultural College who helped them plan a water system.

A concrete dam across the draw stored the water from several small seeps and springs, and a 2-inch pipe thru the dam carried a small stream of water to the hydraulic ram 55 feet down the draw. This furnished the power to carry the water from another spring up to a tank in the second story of the house, an elevation of 55 feet. From this tank the water runs to the stock tanks at the barn and back to the draw again. The water never freezes for it is running night and day.

First Cost is the Last

Mr. Sholz used 50 sacks of cement. The stone and sand cost him nothing and he did the work himself. The double acting hydraulic ram cost $80. The total expense outside of the kitchen and bathroom fixtures was less than $200 when materials were higher than they are now. If the stream of water from the one spring had been large enough to furnish both power and water supply he could have used a single acting ram which would have cost less. However the first expense is practically the last as there is no expense to keep it up.

Mr. and Mrs. Fred Bell of Dodge City didn't have either a hill or a spring but they believed that human power is too expensive to use for machine work. Mr. Bell likes to make cement things as well as his wife likes to make dresses so he built a concrete tank in the milk house. It made a good refrigerator for the cool water from the wind mill ran thru it on the way to the tanks at the barn.

Nothing new about that. Oh yes, but he laid a pipe to the house, below frost line of course. Then he put a little pitcher pump by the sink in the kitchen, then another pipe to carry off the waste water and the system was complete. The pitcher pump cost less than $5. This plan is simple and easy to put in and much cheaper than woman power.

Mr. and Mrs. George Cramer of Kanorado have the well known form of elevated tank which varies in price according to the material used.

But often a renter cannot afford to put in a permanent water system and the landlord will not, so his wife goes on wearing out her life carrying a ton or more of water every day. The plan used in the home of J. J. Hughes of Minneapolis is practical in such a case.

A 50-gallon galvanized barrel was set up on a platform just outside the kitchen window. Thru a hose attached to the pump spout the windmill forced water into the barrel and a small hose run thru a corner of a window pane carries water down to the kitchen sink.

Farm Inventory Blanks Free

The Kansas State Agricultural College has prepared a blank for a farm inventory. This has been very popular; about 10,000 copies have been distributed this year. You can obtain a blank free on application to W. E. Grimes, professor of agricultural economics, K. S. A. C., Manhattan, Kan.

Good for Cloud County!

Altho there is no home demonstration agent in Cloud county, the Farm Bureau women are reaping some of the benefits of a specialist's work. Minnie Sequist, clothing specialist, and T. F. Yost, Cloud county agent, called a meeting of the women December 3, and 75 women representing 26 communities responded. They were organized into five districts—Jamestown, Glasco, Miltonvale, Concordia and Clyde. Not less than three communities nor more than eight were put in a district.

Then Miss Sequist went into each district and held a leaders' training school, teaching the women how to make dress forms. These women went back to their communities and taught other women, until at the present time, 370 forms have been made—not including the 74 made under the direction of Miss Sequist. Plans have been arranged for making 88 more, and before Miss Sequist returns to Cloud county for the follow-up work, 500 dress forms will have been made.

Miss Sequist and Mr. Yost deserve a great deal of credit for putting over this splendid piece of work, and the local leaders who have given so generously of their time and energy are to be congratulated.

Florence K. Miller.

A Carp Pork Factory

E. C. Carp and Fred Carp, of the firm of Carp Brothers of Wichita, have by their own initiative and scientific business methods built up the greatest pork-producing plant in the state of Kansas.

Carp Brothers fatten hogs on a purely commercial basis. They make no attempt to raise any of their feed or any of their pigs. Their entire plant is located on a 30-acre tract of land adjacent to the Midland Valley Railroad south of Wichita.

Believing that the labor saved by having feed convenient and that the proper housing of fattening hogs, in providing dry sanitary quarters, will greatly reduce the cost of producing pork, Carp Brothers have erected a feeding plant costing $15,000. The building faces south, is 73 by 300 feet with concrete floors and troughs thruout. It is divided into 24 pens, each 24 by 32.5 feet and each equipped with two self-feeders.

More than 5,000 head of hogs are fattened in this plant annually. Carp Brothers go out personally and buy up in Kansas, Oklahoma, or on the Wichita markets, carload lots of feeding pigs averaging about 100 pounds, which after 40 to 90 days' feeding are ready for market.

Many experiments have been made by Carp Brothers in trying out different feeds, but they eventually came back to these three feeds, which are to be found in each self-feeder: Corn, shorts and tankage. Shorts are not fed unless this feed can be bought as cheaply as corn. Kafir and milo are valued at about nine-tenths of the same weight of corn. Soybean meal was tried out but difficulty was experienced in getting the pigs to eat it satisfactorily. In addition to the three feeds fed in the self-feeder, all the fresh buttermilk that the hogs will drink is hauled daily from the creamery.

An enterprise of this kind successfully operated commands the admiration of all farmers. Back of it stands the personalities of Carp Brothers, persevering, intelligent buyers, always familiar with market demands and fitting their products to meet these demands.

Urges More Dairying

A meeting was held at Paola Kan., recently for the purpose of starting a real campaign to increase dairying in Miami county. Levi B. Smith presided, as chairman, and Charles E. Gamble as secretary. A committee was appointed consisting of L. F. Metzler, Darby Alison and J. F. Buckley, to make arrangements for the next meeting. Plans are being made to get everybody in the county better acquainted with the dairy cow and what she will do for a community.

Soft Red Winter Wheats

The Soft Red Winter Wheats, Farmers' Bulletin No. 1305, has just been issued by the Government. It ought to be in the hands of every farmer who grows soft wheat. A copy may be obtained free on application to the United States Department of Agriculture, Washington, D. C. A postcard will do; why not get your copy today?

Cultivated land in England and Wales is now about the same as the pre-war area, but permanent pastures are less extensive, according to reports to the United States Department of Agriculture. The cultivated land has been decreasing since 1918, when it amounted to 12,399,000 acres.

It now amounts to 11,311,000 acres, compared with 11,335,000 acres in 1912. Permanent pastures now occupy 14,715,000 acres, compared with 14,589,000 acres in 1918 and with 15,839,000 acres in 1912.

Health in the Family

Persons With Weak Heart Action Should Avoid Violent Exercise and Overexertion

BY DR. CHARLES H. LERRIGO

RECENTLY I received a letter from a farmer friend, a comparatively young man, only 38, who has discovered that he has "heart disease." Very naturally, he is greatly concerned. He has a young family and would give anything in the world to feel that he will be able to go on until they are able to do without his care. "Is there any way by which I can manage to live another 20 years?" he asks, almost frantic to think of leaving his family uncared for.

The fact is that heart disease is by no means the desperate affliction so often imagined. It exists in many degrees, from mild to severe, and there is a strong probability that if all who suffer with some degree of impairment of the heart were properly diagnosed many supposedly well people would be surprised to find themselves in the list. If a person does have heart disease in any degree whatever, it is best he should know it so that his plans can be made accordingly.

Granted that one has a heart lesion, it does not necessarily follow that life is to be materially shortened, provided that one is willing to recognize the limitations of a leaky heart and be careful not to put upon it greater burdens than it is able to bear. The sudden deaths from heart disease are generally among those who have not suspected their infirmity and have not taken precautions.

Proper care does not mean that one should do no work. The fact is that a person with a poor heart should be particular to take very regular exercise so that the muscular system of the entire body will keep its tone and thus keep up the tone of the heart itself, which, after all, is nothing more nor less than a mass of muscular tissue. A person with heart trouble should take very special care to ascertain the amount of work that his heart will tolerate. This is not a very complex matter. Having determined this he should make it his solemn obligation to see that the heart is never taxed beyond this capacity, and especially should he avoid sudden strain of any kind. More than this he should see that enough work is done to keep the heart working somewhere up to its capacity, so that his tissues will not get flabby. He must remember that in illness or under special periods of exhaustion he must give the heart very careful consideration.

With care of this kind there is no reason for despair because you are found to have a faulty heart. Find out just what you can do, don't overdo, and you will probably live as long as your other organs permit you to carry on.

Treatment for Eczema

I have eczema. I have given up all hope of ever being well as I have had it 17 years. It is worse and worse all the time. Would a milk diet help me? J. L. C.

Every time I print a letter of this kind some dozen or so of our kind-hearted subscribers write in to tell me of a sure cure. All of these cures are different or I might think that there really is a sure cure for eczema. The fact is that a really stubborn case is never cured by any form of external application. I often recommend a milk diet, because I believe that the trouble often lies in some article of food that happens to be obnoxious to that particular patient. If the milk diet gives some improvement, my advice is that it be continued for a good length of time and then other articles added, very cautiously, keeping close watch for any mischief-maker. This has helped clear up the trouble in many cases.

Should Seek Doctor's Advice

If a woman who is pregnant should eat common charcoal would it do any particular harm? Mrs. A. H. D.

It would depend a great deal upon the amount eaten. As you probably know, charcoal is a standard medicine for indigestion of various kinds and may be really helpful under certain circumstances. Pregnant women often have cravings for unusual articles of diet. All such matters should be reported to the physician in charge of the case.

Cystitis is Curable

I have some trouble with the prostate gland. Is electrical heat applied by way of the rectum, beneficial? Is cystitis curable? M. A. G.

Such an application of heat would be likely to help an acute inflammation occurring in a young man, but, in the chronic trouble of an old man, surgery is the only help. Curing the prostatic trouble will cure, or at least improve, the cystitis.

Peculiar Mental Trouble

Does one know or realize when one is losing her mind? I have very melancholy periods in which I am obsessed with the thought. I am far more miserable than I could be from any physical distress. The only irregularity of health is that I cannot sleep. An unhappy and incompatible marriage is at the bottom of the trouble. Religion and philosophy give no help whatever. Shall I consult a nerve specialist? B. E.

I do not think that you are losing your mind. It is quite generally the case that such unfortunates are the last to recognize the mental quirk that is separating them from other people. You, on the contrary, seem to have a very clear analysis of the situation. While I am not a faddist who believes that all mental troubles can be relieved by psycho-analysis, I do think it of value in obscure, border-line troubles and I think that it might be very profitable to you. It might show you wherein you are getting a wrong outlook on life or it might show you that your outlook is exactly right. In any event it would help you to face the truth and in that way would clear matters up.

When Children Are Restless

My little boy nearly always has a bad breath and is restless at night. Do you think the trouble is likely to be worms? A. M.

It is much more likely to be indigestion. Watch his diet. See that he eats at the right time and the right amount. Don't permit him to eat between meals whenever he takes a notion. The way to find out whether a child has worms is to watch the stool. If worms are there some segments or at least some of the eggs will be passed. Children do not have worms very often.









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Our Kansas Farm Homes

Mrs. Ida Migliario
~EDITOR~

Thoro Kneading is One of the Secrets of Making Good Bread

SINCE good bread is such an important part of one's daily food, I wish to write how I make mine out on a ranch where the modern conveniences are not in use but where poor bread is practically unknown.

Our family consists of three adults and I bake twice every week. I use yeast foam as I find it the most practicable where one does not bake frequently, and where the starter or liquid yeast is liable to sour or freeze. I use my father's method—he was obliged to be mother to a large family of small children. And even now it seems no bread is quite so good as father used to bake, no loaves so brown, no bread so white and of fine texture and none so fragrant as it comes out of the oven.

The process is as follows for four loaves:

At noon the day I set my sponge I soak 1 cube of yeast foam in ½ glass of warm water. I keep this where it will stay about the same temperature until evening. A convenient place is on the top of the warming closet of my oil stove. By evening the yeast is thoroly soaked and bubbles have begun to form in the liquid. In winter I warm a gallon jar and warm the flour to set the sponge. I use 1 quart of flour and sufficient warm water to make a very stiff batter. I beat this for at least 5 minutes when I add my yeast which was soaked at noon. I beat it again so that the sponge will be elastic and show signs of bubble formation. I then cover it with a lid, clean tea towel and wrap it in a clean blanket to insure a warm temperature until morning for sponge.

In the morning I sift 2 quarts of flour with 3 heaping teaspoons of salt and 1 cup of sugar into a large pan and put in a warm place. I then add my sponge and 2 cups of warm water which I used to rinse my sponge jar. I knead my dough thoroly and until quite stiff. Thoro kneading I think is the secret of my success. I knead the dough until it is smooth, elastic, and will spring back into shape. I use no shortening, but brush the dough thoroly with good lard. Then I put it into a warmed crock on my warming closet and cover with a clean tea towel. In about 1½ hours it is real light. I knead it down and let it sit until it is light again, when I mold it into four loaves.

Roaster Serves as Bread Pan

I use the lower part of my aluminum roaster to bake in. When my loaves are double their original size I put the oven of my oil burner on my stove and heat it for a few minutes. I then put in my bread and bake it exactly 1 hour. It will be thoroly done a golden brown, white inside and of a flaky texture in that time. I seldom have poor bread. If I do it is because I am in a hurry when I knead it or am careless about keeping a nearly equal temperature for the sponge and dough.

When I take my bread out of the oven I brush it with butter to insure a nice soft crust. I keep it in a tin can, formerly a lard can, and have no trouble in keeping my bread fresh and moist.

Mrs. H. W. F.

Finney Co., Kan.

Bakes Bread for Neighbors

(Second Prize)

Bread is the "staff of life," and was there ever a more truthful saying? When I first began baking bread there were times when it was not good so I made up my mind I would try to become an expert, and I have succeeded so well that I can sell all I have time to bake to my neighbors and friends.

There are three important things to remember in baking good bread. First, buy a good, hard wheat flour, and I much prefer that it be bleached as it makes the bread snowy white.

Second, the dough should be kept at an even temperature while rising. If it becomes too warm it will sour or if too cool it will keep the yeast from rising as it should.

Third, it should be baked in an oven which is not too hot at first as it will burn and spoil the crust, yet it must brown nicely the first 15 or 20 minutes if it is to be just right. For my family of six I bake twice a week four medium sized loaves and 20 rolls.

Yeast Soaks While Supper Cooks

When I prepare supper I put 2 cakes of yeast foam or 1 cake of compressed yeast to soak in ⅔ of a tumbler of warm (not hot) water. I set it on the warming oven of the range and cover with a saucer. When it becomes soft I beat into it 3 heaping teaspoons of flour and cover and set it back until it rises and fills the tumbler.

Then I take 1¾ quarts of warm water, add 2 level tablespoons of sugar and 1 of salt and stir until sugar and salt are dissolved. Then I add 2½ quarts of flour and beat thoroly, and stir in my yeast which should be light and bubbly.

If the weather is cold I heat my soapstone until it is quite warm. Then I put several thicknesses of newspaper on the soapstone and set my kettle of sponge on it and cover well with a clean blanket. In the morning the sponge will be light and foamy and nearly to the top of the kettle.

Soapstone Keeps Sponge Warm

I use exactly 3 quarts of flour to 1 of liquid and I measure them both in a quart cup. When I mix up my bread I knead it just enough to mix it well and so it will be a smooth ball of dough. I then scrape my kettle clean and grease it well.

I reheat my soapstone until it is warm and place it on a chair in a warm place, put the bread kettle back on it and cover as I did the sponge. The kettle should not be quite half full before the bread has started to rise. Let it rise until the lid is pushed up from the kettle. Then I put it on a board sprinkled with flour and knead it gently for a few minutes. If it is sticky I keep sprinkling flour on the board until it does not stick to my hands.

I then set it back on the warm stove and let it rise again until the kettle is full. It takes only a short time for it to rise the second time. I then grease my pans, turn the dough out on the floured board. It will be very light and full of bubbles and will pop and snap when handled. I pinch off small pieces of the dough and form into biscuits and place them an inch apart, every one being greased. The rest I divide evenly into four pieces and mold them into loaves. I grease every one carefully and lay it in the greased pan. I then cover the sponge with a light towel and let rise again until doubled in bulk.

The oven should be hot enough to brown the bread nicely the first 20 minutes, and be careful it does not scorch the crust. If it becomes too brown cover with a paper and bake 1 hour and 10 minutes. Then I take it out of the oven, lay it on a cloth and grease it lightly with pure lard so the crust will not be hard.

The rolls need to be baked only from 25 to 30 minutes. I always attend to my bread when it is ready, do not let it stand. Never let the sponge go down after it once rises or it will be sure to spoil the bread.

El Paso, Co., Colo. Mrs. C. P. J.

Repaid with Golden Loaves

(Third Prize)

Any homemaker who is able to bake really good bread has every reason to be proud of it, for it is an accomplishment not to be despised. Many women think bread making means hard work, but, tho it does take a little effort I am always well repaid when I take my beautiful brown loaves of light bread from the oven.

I use a "starter" in making my bread, for with its use the texture of the bread is difficult to distinguish from that from the bakery. Before retiring pour the starter into a mixing bowl, add nearly 2 cups of lukewarm water, 2 rounded tablespoons of sugar and enough flour to make a fairly stiff batter. Then beat it until it is very smooth. I usually give it about 150 or 160 strokes. Cover and set in a warm place to rise.

In the morning the yeast should look bubbly, and should have doubled in amount. If it isn't right, owing to the night's coolness, place it near the stove and keep turning the crock, being careful not to let it get too hot.

How the "Starter" is Saved

When the yeast is right, sift about five sifters of flour into a large pan, hollow out in center, and set it in the oven for a few minutes to warm. Then put in 1 tablespoon of salt, stirring thru flour in bottom of pan.

Take a quart jar and into this put at least a cup of the yeast, and over it sprinkle a handful of sugar. Set in a cool place, uncovered, except for possibly a thin cloth. This is the starter for the next bread.

Pour remaining yeast into flour, add 2 cupfuls of lukewarm water, and mix to a very stiff dough. Knead until it seems almost impossible for it to take up more flour. I might say here that I use the ordinary wheat flour that we get from the mill, usually first grade.

Too Much Heat Spoils Dough

Take any receptacle which will give the bread ample room to rise and grease the bottom and sides quite freely with lard; put in the bread and grease it all over the top. Cover and set in warm place to rise. Never set your bread or the yeast on a place about the stove that is too hot for your hand as it will ruin the dough.

The remaining flour should be sifted before returning to the flour box. When bread has doubled in size knead it down and let rise again. Give it another kneading and mold into loaves. The bread is ready for the oven when the loaves have doubled in size.

When done carefully place loaves on a cloth. Saturate a small cloth with grease and rub the top of every loaf. Then cover with a cloth, until entirely cool before putting it away. Greasing the loaves makes even a hard crust soft and easily cut.

As my baking is always small, I keep it in a pasteboard cracker box. I first wrap it in a cloth. I find that it keeps nicer this way than in the regular bread box which is in my cabinet. I bake about once a week.

Thomas Co., Kan. Mrs. C. C.

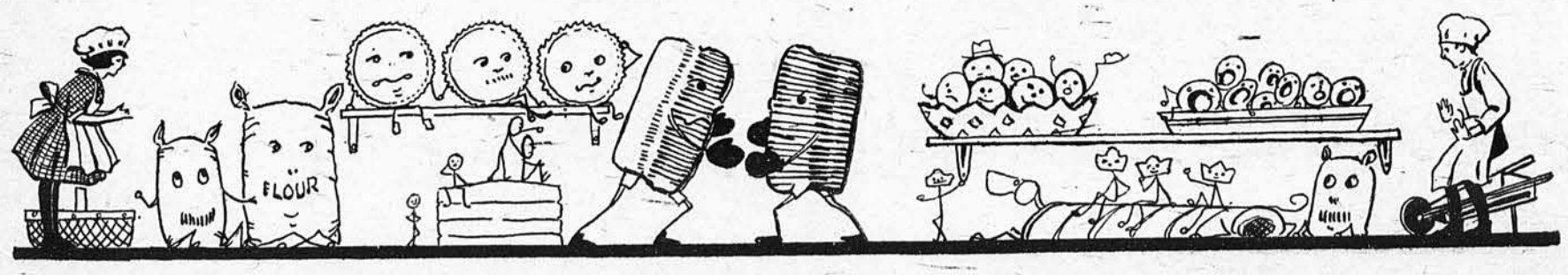
NEARLY 300 women entered letters in our bread making contest. We are sorry that we do not have room to print any more than the three prize winning ones, because all of them were good. But very soon we are going to run a story using some of the recipes sent with the letters, of goodies made with bread sponge. You'll want to try them all, I'm sure.

Now, we'd like to use a page of pictures pertaining to the homes of readers of The Kansas Farmer and Mail and Breeze. Will you send us a picture of either the interior or exterior of your home, any building about the farmstead that is especially interesting, a good view around your house or anything that pertains to your home of which you have a good kodak picture? We will pay $10 for the best and clearest picture, $5 for the second best and $2.50 for the third best. Address the pictures to Mrs. Ida Migliario, Farm Home Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. The contest closes March 10.

The Story Manners Tell

What is the story your manners tell? Do they speak of refinement and culture, or are you unfamiliar with the fine points of etiquette? Strangers and acquaintances judge us by our manners so we should have at least some knowledge of the correct etiquette for different occasions.

Our two pamphlets, "Etiquette for All Occasions," and "Dining Room Etiquette," will give you the information that will help you to avoid embarrassing situations. They sell for 15 cents apiece and may be obtained from the Etiquette Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.



The House Dress and Others

From the Little Tot Upward, Simplicity is the Rule in Dress

BY MRS. HELEN LEE CRAIG



1612—Women's House Dress. Sizes 34, 36, 38, 40, 42 and 44 inches bust.

1613—Girls' Jumper Dress. This cunning little jumper dress can be slipped on quickly. Sizes 8, 10, 12 and 14 years.

1462—Women's Dress. Most of the new frocks still exploit the long-waistline. Sizes 36, 38, 40, 42 and 44 inches bust measure.

9379—Girls' Middy Dress. This is the regulation middy dress. Sizes 4, 6, 8, 10, 12 and 14 years.

1303—Women's Corset Cover. The slender, trim figure is the fashion these days and the large woman will find this tight-fitting corset cover a splendid aid. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

1218—Boys' Suit. The double breasted waist of this suit has a smart rolling collar. Sizes 2, 4 and 6 years.

1605—Women's Apron. This "jiffy" apron is quickly made. Sizes 36, 40 and 44 inches bust measure.

1255—Child's Pajamas. Sizes 2, 4, 6, 8, 10 and 12 years.

9891—Misses' Dress. This pattern offers a make-over possibility. Sizes 14, 16, 18 and 20 years.

1448—Girls' Dress. The unique pockets are included in the pattern. Sizes 2, 4, 6 and 8 years.

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



82¢ Buys All the Wall Paper for An Entire Room

Here is a big Montgomery Ward offer! A DOUBLE LENGTH roll of wall paper for only 6c. Enough to paper an entire room 10x12 for as little as 82c! This includes side wall, border and ceiling paper.

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Montgomery Ward & Co.

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Here's a Real Auto With a 5-Horse-Power Engine

This classy racer will do anything a full-sized car will do because it is built like a real automobile. It will even go where a big car can't go. For it has a narrow tread so you can drive anywhere—thru forest—up lanes—anywhere you could ride a bicycle. Yet you need not take the dust from anyone.

This Classy Car Can Be Yours

Just look at the happy faces in this picture. Don't they look like they were ready for a real time, perhaps off on an errand for Mother or a jaunt to the postoffice? Wouldn't you like to be with them? You can own a Culver Racer if you send me your name and follow my instructions. When I tell you this auto is to be given free—I mean free—it won't cost you one cent of your own money.

SEND NO MONEY

Just Your Name

Don't lay down magazine until you have mailed me your name and address. By doing this you will get full information by return mail telling exactly how you can get this wonderful boys' and girls' auto without it costing you one cent. Send today — quickly. Be the first in your neighborhood to have one.

DON'T SEND A CENT All you need to do now is to rush me your name and address quick. A post card will do. Hurry if you want a free auto.

BILLY BRUCE, Mgr., Dept. 403, Topeka, Kansas

Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning housekeeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

An Etiquette Question

Should a young girl's mother ask the young man calling to "come again?"—E. N. I.

It is cordial of a mother to say, "We are always at home on Friday evenings," or some similar remark as an indication that he will be a welcome visitor.

Changing Shape of Nose

I have a humped nose and would like to know how it could be changed. Would you tell me of some inexpensive method I could use at home?—A.

If you will send Helen Lake, this paper a self-addressed, stamped envelope she will give you the names of two firms that can help you. You can take their treatments at home.

How Long to Wear Mourning

How long should one wear mourning for a parent?—Mrs. C. T.

Two years is the usual period of wearing mourning for a parent. Deep mourning is worn the first year and lighter mourning the second year.

Crullers

Thank you for a recipe for crullers.—W. R. R.

Delicious crullers are made by using this recipe:

6 eggs	6 tablespoons sugar
6 tablespoons melted butter	Flour to make a stiff dough

Beat eggs until very light. Add butter, sugar and flour, and beat. Roll very thin and cut in pieces 3 inches long by 2 inches wide. Make four 1-inch parallel gashes crosswise at equal intervals. Take up by running handle of wooden spoon in and out of gashes. Lower into deep fat, fry, drain, and sprinkle with powdered sugar.

Corn Flake Candy

A friend of mine told me you could make a candy using corn flakes. If you have such a recipe, I would like to have it.—B. O. B.

This is the recipe you want, I believe:

2 egg whites	1 cup cocoanut
1 cup granulated sugar	½ cup chopped raisins
2 cups corn flakes	1 teaspoon vanilla

Beat egg whites until stiff and dry. Add sugar a little at a time, beating constantly. When mixture is stiff add corn flakes, cocoanut, raisins and vanilla. Stir until well mixed. Drop from a teaspoon on oiled paper and bake in slow oven.

A Delicious Dessert

After most of the fresh fruits are gone and cold winter is here, many of us wonder what to have for the dessert. Everyone is hungry and it is a pleasure to cook, but frequently what to eat is the question. One of the easily made desserts which is delicious enough for use in the company dinner is prune slices. This dish may be prepared the day before it is to be used and set away to harden.

Prune Slices

1 pound prunes	½ cup raisins
2 tablespoons gelatin	½ teaspoon cinnamon
1 cup cold water	1 lemon
1 cup hot water	¼ teaspoon salt
2 cups sugar	Whipped cream

Stew the prunes in a little water until tender. Remove the seeds. Soak the gelatin in the cold water and add it to the boiling water in which the sugar, spice, salt and the juice and rind of the lemon have been stirred. When this mixture begins to thicken, stir in the chopped prunes and raisins and pour in a wet mold to chill. Cut in slices to serve and top with whipped cream.

Nell B. Nichols.

Think You Can Spell

WIN an Incubator or $150.00 Cash

INCUBATORS

How Many Words Can You Make From "Incubators"? Try It! Win This Prize!

Think you can spell? Then how many words can you make out of the 10 letters in I-N-C-U-B-A-T-O-R-S? Try it! We will give a prize of **any standard Incubator, value up to $150, or $150 cash** to the person who compiles with the rules of this contest and sends in the largest list of correct words made from the letters in "Incubators."

FREE

Our Guarantee

We guarantee that the winner of this contest will be awarded his or her choice of any standard Incubator, value up to $150, or $150 cash, three impartial judges judging the lists submitted. In case of a tie, the prize will be awarded to each of the tying contestants.

THE CAPPER PUBLICATIONS

A Prize for Every List of 20 or More Words

If you make a list of 20 or more words and comply with rules, you may have choice of the following Prizes FREE: **10 Beautiful Post Cards; Clutch Pencil; 10 Flint Agate Marbles; Rag Doll; Army Police Whistle.** State choice.

Here are the Rules: (1) Make as many words as you can from the letters in "Incubators." A few of the words are bat, cubit, bun. Do not use more letters in the same word than there are in "Incubators." A letter cannot be used more than once in the same word.

(2) To qualify for the Prize, every list of words must be accompanied by a remittance of 50 cents to cover a six months subscription to The Kansas Farmer and Mail & Breeze.

(3) Proper names, prefixes, suffixes, obsolete and foreign words will not be counted. Words spelled alike but with different meanings will be counted as one word.

(4) Winners of former Kansas Farmer and Mail & Breeze spelling clubs may not enter this contest.

(5) Three disinterested persons will act as Judges. Their decision will be final.

(6) Webster's New International Dictionary will be used as authority.

The Chance of a Lifetime to Win an Incubator

The winner may have his or her choice of any standard Incubator, value up to $150.00, or may take $150.00 cash. This is the chance of a lifetime to win an Incubator and one you should not overlook. Contest closes March 31, 1923.

WIN This Incubator or $150.00 CASH

Send Your List Today

Incubator Club, The Capper Publications, Topeka, Kansas.

Gentlemen: I wish to enter your INCUBATOR Contest. I am enclosing 50c for a six months subscription to the Kansas Farmer and Mail & Breeze and am attaching my list of words.

My Name..... R.F.D.....

Town..... State.....

Send subscription to.....

.....

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Puppy FREE

Pedigreed Airedale

In the past few months we have given away many pure bred Airedale puppies. They have been shipped to all parts of the United States and each person who received one was highly delighted over its superior qualities. All puppies are guaranteed to arrive safely at the express office to which they are directed, and to be free from disease or defect.

We Have One For You

We have a number of pedigreed Airedale puppies which we are going to give to boys and girls who will lend us a little of their spare time. Shipment will be made when puppies are about two months old. Write at once if you wish us to reserve a choice Airedale for you.

Six Post Cards FREE

Just say, "Tell me how I can get a pedigreed Airedale without spending one dollar of my own money." If you mail your request within the next ten days we will send full particulars and give in addition ABSOLUTELY FREE six beautiful post cards. Send your name at once to Airedale Club, Desk 49, 8th & Jackson Sts., Topeka, Kan.

For Our Young Readers

Riddles and Stories for You to Tell Around the Table One of These Evenings

BY OUR BOYS AND GIRLS

I AM 13 years old and have 15 ponies, namely Cricket, Sparkle, Rowdy, Alice, Toppy, Winkum, Bonnie, Nellie, Annabelle, Wildfire, Sprinkle, Phoebe, Ann Twinkle and Ethel Mae. Oh, my! I have a dog and a cat too. Their names are Dandy and Jimmy. See if you can say this fast: Sam's slick, sloppy shoes and socks shocked simple Susan at the shoe shop.

Mildred Hawley.

Fort Morgan, Colo.

A Christmas Bird

I live on a farm and am 11 years old. My birthday was December 20. I am a Christmas bird, ha, ha! Here is a riddle:

What is it you can't eat for breakfast? Your supper.

Grace Siming.

Crestline, Kan.

Can You Guess These Riddles?

How do you get down from an elephant? You don't; you get down from a goose.

Barnard, Kan. Zelda Harper.

What is it that comes with an auto, goes with an auto, is of no use to it and yet the auto cannot run without it? Noise.

What is that which if you take away all its letters remains the same? A mail carrier.

What is the difference between a dark cloud and a whipped child? One pours with rain the other roars with pain.

What is the difference between the Prince of Wales, an orphan, a bald-headed man and a gorilla? The first is an heir apparent, the second has ne'er a parent, the third has no hair apparent and the fourth has a hairy parent.

What is worse than raining pitchforks? Hailing old friends.

Gertrude Bredou.

Volland, Kan.

Puzzle Winners

Solution January 13 puzzle (What flower calls children to school?): Bluebell. The winners are Esther Otte, Vera Kitch, Chester Burgess, Alice Weide, Daisy Thompson, Francis Shoup, George Scott, Edward Hansen, Dorothy Burks and Ruth Johnson.

Solution January 20 puzzle (If I were in the sun and you were out of it, what would the sun become?): Sin. The winners are David Fry, Georgia Ellen Forrester, Elizabeth Gray, Estelline Lovin, Richard Behmert, Carroll Wright, Addie Rusco, Effie Anderson, Ival Skinner and Dale Shearer.

Solution January 27 puzzle (What animal uses its webbed hind feet for oars and its tail as a rudder?): Muskrat. The winners are Alleda Pillsbury, Myrtle Cox, Vera Murphy, Seth Kuykendall, Zella Young, Irene Schanbacker, Elsie Schanbacker, Mary Wohlgemuth, Gloria Klinefelter and Evelyn Engwell.

The Hen Mothers the Kittens

Once when I was visiting my uncle's I went to gather the eggs and under the feed box in the manger was an old white hen. I picked her up, and what should I see? Six little kittens. The mother had gone after something to eat and the hen was watching the kittens. She never stepped on one.

Wilsey, Kan. Virginia Woods.

Snowball is a White Angora

I am 12 years old and in the seventh grade. I have three brothers. Their names are Carl, Harry and Adam. I have two pet cats. One of them is a white Angora. I call him Snowball. I also have a pony I ~~call~~ Tony. Sometimes my friend rides to school with ~~me~~ and Tony bucks.

Longmont, Colo. Edna Senhart.

Very Good Pals Are They

We have two black cats, one small and one big and both as black as coal. One is named Nig and the other Tom. They were drinking milk together when Tom began fighting the other one but I made them stop and now they go every place together as if they were partners.

Pueblo, Colo. Hugh Kelsay.

Hot Lunches in This School

I am 12 years old and in the sixth grade. I walk 1¼ miles to school. I go to school with George Tucker. We have hot lunches at our school. We have a little two-burner oil stove.

Clara Schubarth.

Larkspur, Colo.

Here's More For You to Guess

What is it which you and every person have seen but can never see again? Yesterday.

What has a tongue and can't talk? A wagon. Alice Martin.

LaJunta, Colo.

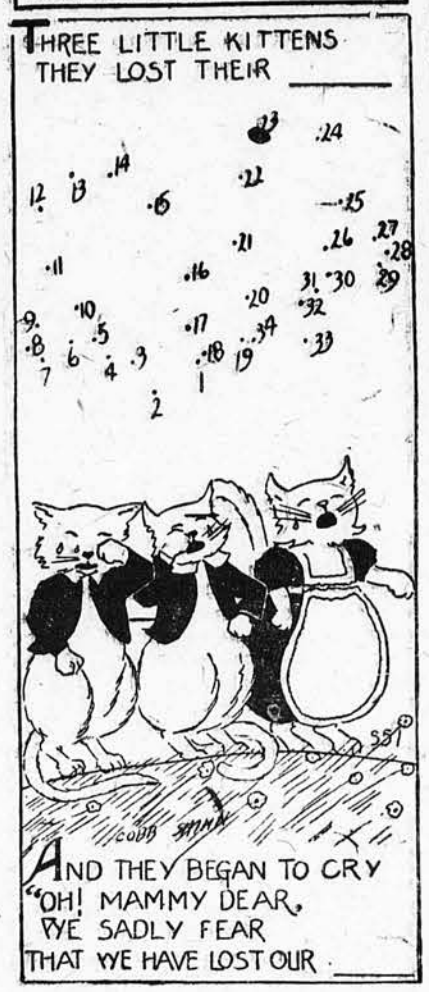
A Smart Dog is He!

I live on a farm and like it fine. We have a collie pup named Capper. When work is begun in the fields in the spring Collie guards the cultivators at night. We have a big dog named Sport and he guards the house at night. He keeps the crows away from the chickens too. I have a cat named Top. I live 1½ miles from school and ride a horse named Kate. When a car passes Kate she does everything she can to be mean. I am 12 years old.

Florence Carpenter.

Beagle, Kan.

MOTHER GOOSE DOT PUZZLE



To the first 10 boys and girls who answer this puzzle correctly we will give a package of post cards each. Send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.

Fall and Winter

Money Saving Clubbing Offers

Capper's Weekly Household Kansas Farmer and Mail and Breeze	Club 100 all for **$1.60**
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Kansas Farmer and Mail & 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.....

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The Farmiscope

"At Rest"

Subtle humor sometimes is generated on the road. The occupant of Mr. Pullman's Lower 10 rang his bell for 20 minutes, having no means of knowing the porter was in the diner. When that functionary returned his indicator showed Lower 10 wanted something.

"Cap'n, did yo ring?"

"No," responded that choleric person. "I have been tolling. I thought you were dead."

It's a Crool Woild

Panhandler—"On de level, mister, I ain't et nothin' in three days."

Prospect—"Nothing like exercising one's will-power, bo. You're off to a good start, so don't let anybody forcibly feed you."

Help Needed

"Are you sure your auditors understood all of your arguments?"

"If they did," answered Senator Sorghum, "I wish they'd come around and explain some of 'em to me."

In Reeldom

Promoter—"I have here a scheme for revamping old films."

Manager—"Beat it! I'm too busy refilming old vamps."

Indirect Success

"Was your garden a success this year?"

"Very much so! My neighbor's chickens took first prize at the poultry show."

Cheerful Diner

"What! You call that a sausage? It makes me laugh!"

"That's good, sir. Most people swear."

Something to Worry About

We know a lot of men who could make more money for themselves if they didn't waste so much time worrying over Rockefeller's money.

More Danger Ahead

"Is your son out of danger yet?"

"No; the doctor is going to make three or four more visits."

Superior Finish

The Girl—"I admire that pianist's finish. Don't you?"

The Man—"Yes; but I always dread his beginning."

Missing Equipment

Modern cars have every needed refinement except a place to keep the mortgage.

Social Divisions

There's the proletariat, the salariat, the plutocariat, and the where are we at?

Everybody Playing Politics

(Continued from Page 14)

coming. The governor explains that when he has something on his mind he takes it to bed with him. In the morning he knows whether he intends to do it or not. If the night's sleep says do it, the governor does it before consulting his morning mail. There is no worrying, consultation, or waste of valuable time thinking it over.

Legislature Would Let Alone

The legislature's idea of politics this year seems to be to let things stand as they are, as nearly as possible; pass the appropriation bills, and go home. Some of the members don't even care to pass the appropriation measures. The senate started out with the idea of tying the governor's hands on appointments by confirming the Republican recess appointees of Governor Allen. But after starting the confirmation of four Allen appointees, the senate apparently lost its nerve, for the names were sent to committees and never have been heard from since.

Playing with Compensation

Nearly everyone concerned with the 25 million dollars soldiers' bonus seems to be playing for political position in the 1924 campaign. Somehow the American Legion leaders, the governor, the party leaders in the senate and house, have the idea firmly fixed in their minds that whoever sends out the bonus checks will be firmly entrenched in the mind of each recipient as the man who gave the bonus. As a matter of fact, the service man probably won't remember three days who signed the check or who sends the letter of transmittal, if there is any.

But the governor thought he ought to send the bonus checks himself, with a little letter bearing his own signature. The American Legion committee thought it should get the credit, and a few jobs, possibly, out of the business. The secretary of state, a Republican, and the adjutant general, a Democrat, each had similar notions. Now the house committee on compensation has brought in a bill providing for the appointment of a bonus director, to be named by the governor, auditor, and secretary of state.

Appropriations to be Lowered

The senate ways and means committee promises to cut total appropriations nearly 2 million dollars under those of two years ago, which will mean a total of some 16 million dollars for state government in the next two years. The usual row between the two branches of the legislature is started, over the Kansas State University and the Kansas State Agricultural College. The house members are convinced that the senate deliberately cut down the college appropriations in several places, in order to compel the house to allow the $300,000 auditorium for the university. The educational appropriations undoubtedly will have to go to a conference committee from the two houses, with the governor holding a slashing pen in plain view, with the admonition that no building appropriations go.

The Kansas Industrial Court, which was to have been the center of a big fight, has received little attention to date. The closing weeks may see action on it, but indications are it will not be repealed, nor essentially modified.

Nothing Doing in Way of Laws

Meanwhile the usual routine of legislation has been sadly disarranged. Even the lobby is discouraged at times. There still are a few probably abortive efforts to be made to kill the direct primary and return to the nomination by convention. The utilities lobby is working tooth and toenail against a bill which really would allow the utilities commission to fix rates, without allowing a court to raise the rate soon as the commission fixed it. The railroad and telephone and electric power companies assert that this bill would give Clyde Reed, chairman of the utilities commission, too much power. The Associated Industries representing the merchants, millers, and manufacturers, have killed the "truth in fabric" bill introduced in the senate by Senator Culp of Scottsville. The Associated Industries believe they are sure to pass a bill taking away all milling and feeds inspection from the Kansas State Agricultural College. They insist that the inspection departments are "too particular," and wish the inspection done by some one whom they can have a chance of influencing.

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MRS. DOLLY WILLIAMSON

This is not the record of a professional salesman who is on the job all the time but of a busy housewife who takes an occasional day off—or in some cases only a few hours—to look after the new and renewal subscriptions to CAPPER PUBLICATIONS. Mrs. Dolly Williamson of Bethany, Missouri had no experience in soliciting until a few months ago. She said that she started out the first day with "fear and trembling." She had no faith in her ability to sell and was actually surprised when she found that before night she had made several sales.

Recently in acknowledging receipt of a check which brought her total earnings for six days up to $55.00, Mrs. Williamson said, "I surely am grateful and must say it was the easiest money I ever made." In the same letter she said, "You have no idea how many people like your papers."

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Mrs. Williamson has her own subscription paid several years in advance. Her success as a solicitor is due largely to the fact that she knows the value of what she attempts to sell. She realizes that the CAPPER PUBLICATIONS are clean, informative, entertaining and therefore will be a force for good in the average home.

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The Capper Thrift Club

The Capper-Thrift Club is composed of women and girls, also some men and boys throughout the country who desire to earn extra money by working in their spare time. The manager of the club sends out checks every week to these ambitious people. In addition to the regular salary and commission, cash prizes are offered to the club members who do the best work each month. It is a friendly rivalry which becomes exceedingly interesting as well as profitable. If you wish to join the club and get the benefit of the weekly checks, fill out and return the coupon to the right.

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We want a local representative in every community. You have exactly the same chance for earning extra money in your spare time that Mrs. Williamson has. The community in which she lives has no advantage over your own so far as securing subscriptions is concerned. Your neighbors and her neighbors are about the same kind of people. If you like the CAPPER PUBLICATIONS and are willing to devote some of your spare time to telling your friends about them, you can make money just as well as any other part-time worker.

We will be glad to furnish you the same kind of equipment that we furnished Mrs. Williamson and explain fully, the plan which will enable you to accomplish as much if not more than she has accomplished. The information will cost you NOTHING. Write today and begin earning money within a week.

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In the near future we are going to give away one or more $100 Cream Separators. Would you like to have one? If so, see how many words you can make using the letters contained in the word Separator. Send your list of words to the address given below.

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Here are some of the words you can make, sea, post, art. If you can make as many as twenty words, send your list at once and you will be given credit for 50,000 points toward the separator. Each person who joins the club will get 25,000 additional points, and will learn how to earn a still larger number. The club member who has the largest number of points to his credit at the close of the club will be awarded the $100 Separator. Send in your list at once. All lists of words must be received before March 31. Address

Desk C-16, 8th & Jackson Sts., Topeka, Kansas.

Sanitation in Farm Flocks

Proper Care and Housing Will Always Increase the Profits from Good Poultry

BY H. A. BITTENBENDER

DISEASE control and sanitation are most important in poultry management. Lack of knowledge of the presence of disease and the method of combating it or the non-application of this knowledge has caused many flocks to be destroyed in a very short time. The loss is enormous and yet is preventable.

There is one absolute rule in poultry sanitation and disease control. Prevention is first, last and always the aim. Tuberculosis, fowl cholera, chicken pox, and roup—the four worst diseases that poultry may have—are not curable without taking more work and time than the average farm birds are worth.

Poor Ventilation Causes Losses

Most farm poultry houses lack effective means of removing moisture and impure air. Accumulated moisture in the poultry house and an overcrowded condition are directly responsible for the colds and roup which weaken the vitality of the birds, causing them to easily succumb to other diseases. To remedy this, use the open-front type of house, which has become universally adopted, and allow at least 3 square feet of floor space a bird.

If given a chance, poultry will return good profits on the investment. Cleanliness is one of the best guarantees of success. At some convenient time of the year, give the poultry house and yard an exceptionally thoro cleaning and disinfecting. If a dirt floor is used, dig down 6 or 8 inches, cart the dirt to the field, and replace it with clean gravel. With a cement floor, remove the litter and loose dirt and sweep the house to remove all dirt and cobwebs. A thoro application of 2 parts of stock dip and 3 parts of kerosene to each and every corner, crack, and crevice of the floor, roof, walls, nests, dropping boards, and roosts will do more than any one thing to start the year right. An application of air-slaked lime once a week is a worth-while precaution in keeping the ground free from contagion. Have clean litter cover the floor 6 or 8 inches deep. Clean straw in the nests will make them more inviting and sanitary. A sloping top to the nest will prevent an accumulation of droppings.

Diseases Spread in Four Ways

Poultry diseases spread principally in four ways: By the birds eating dead diseased birds, by contaminated air, thru drinking water, and thru the droppings of diseased birds. All diseased birds should be burned. Clean drinking water is essential. To control such diseases as fowl cholera, tuberculosis or roup, one 7.3 grain mercury bichloride tablet is dissolved in each gallon of drinking water in a non-metal container. These tablets are used only when the disease is present and then for not more than 10 days at a time.

To control diseases that are spread thru the droppings, use dropping boards underneath the roosts. If disease is present, millions of disease germs are removed with the droppings, instead of being in the litter to contaminate the birds when they scratch and feed. Put in dropping boards 30 inches from the floor, on a level, and 6 inches below the roosts. A large amount of moisture is being removed when the droppings are taken out every other day or once a week. The floor space is thus increased by preventing the droppings from accumulating on the floor which is a good idea.

Got Your Dividend Yet?

(Continued from Page 7)

cross will net the biggest increase in production so your profits will jump at once. This method is slow but it requires less capital than if a herd of dairy animals is purchased. It affords schooling in which mistakes will not prove disastrous."

Heifer development experiments, conducted by the department, yielded other valuable dividends. Lowest costs of milk and butterfat were obtained when heifers were fed alfalfa, silage and grain, highest costs when alfalfa alone was fed. The experiments also showed that some grain should be used in developing the dairy heifer, 2 pounds a day for the first five or six months being recommended.

Probably the most important dividend distributed related to the feeding value of sorghum silage. It was demonstrated that sorghum silage is virtually equal in feeding value to corn and that more milk can be obtained from an acre of sorghum silage than from the same amount of corn. It also was shown that ground cane seed fed with bran and linseed oil meal gives the same results as corn chop fed with bran and linseed oil meal.

Many Farmers Visit Dairy Farm

Every day three or four farmers who visit the dairy farm receive valuable dividends in the form of advice and suggestions. Every year more than 4,000 letters, every one as good as a check, go out. In 1922 members of the department helped buy 10 carloads of dairy stock for farmers and at sales assisted 50 others in making selections. That service was gratis. Members of the department visited 106 dairy meetings, 25 sales and 20 fairs during the year. And everywhere they were distributing dividends.

The college dairy herd contains 165 animals representing four important dairy breeds, Holsteins, Jerseys, Guernseys and Ayrshires. Around 75 cows constantly are in production. Nearly all are purebreds. These animals are used in class work for demonstrations.

On the dairy farm are 43 Ayrshires, 21 Guernseys, 56 Holsteins and 33 Jerseys. Ordinarily from 15 to 20 cows are carried on advanced registry test. The production of this herd is sold to a local milk company which supplies the bottles and distributes the product. Daily production runs from 150 to 175 gallons. Recently the herd was bringing in $1,300 a month.

The dairy farm of 150 acres contains grass pasture, produces one third of the alfalfa needs of the herd and supplies all the silage required. The dairy barn, while not elaborate, is well arranged and comfortable.

The department also specializes in the manufacture of dairy products and operates a creamery which turns out from 1,500 to 2,000 pounds of butter a month. On an average the year around the creamery buys 200 gallons of milk a day from farmers living in the vicinity, in addition to cream. The milk is pasteurized and sold to the college cafeteria, student's mess hall and the domestic science department. Some of the milk is separated and sweet cream is sold.

College Herd Leads in Production

The college herd leads those of all agricultural colleges in the country for the highest average production of all breeds of dairy cattle. The average of 42 cows on official test at Kansas State Agricultural College was 11,500 pounds of milk and 469 pounds of fat in a year. In the herd are 11 Ayrshires that averaged 12,929 pounds of milk and 485 pounds of fat; 10 Holsteins, 16,881 pounds of milk and 567 pounds of fat; eight Guernseys, 8,835 pounds of milk and 423 pounds of fat and 10 Jerseys that averaged 8,960 pounds of milk and 454 pounds of fat.

Professor Fitch, head of the department, is a graduate of Purdue University. He came to the Kansas State Agricultural College in 1910 as a helper in the creamery. In six months he was transferred to the barn to work with cattle. He was made assistant to Prof. O. E. Reed, head of the department, the next year and became head of the department in 1918.

Associated with Professor Fitch in the department are N. E. Olson, R. B. Becker, P. C. McGilliard, H. W. Cave, K. M. Renner, C. O. Bigford, herdsman and Charles Barnes, creamery man. C. R. Gearhart and V. M. Williams are dairy specialists in the extension division.



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

To Stop Loss From Abortion

Simple Precautions and Sanitary Measures Will Prevent Possible Danger Thru Infection

BY J. H. FRANDSEN

NOT even tuberculosis has caused so great annual loss to American farmers during the past few years as has contagious abortion. Swine breeders too are yearly becoming subject to heavy tax from this disease. But definite methods of control and prevention can be used by any farmer in his own herd, according to Dr. J. W. Connaway of the Missouri Experiment Station, who has conducted many experiments with cattle infected with the disease. Doctor Connaway firmly believes that when farmers follow these simple rules, this disease will lose most of its dread.

Abortion may be due to either of two causes: accident, or infection. Unless the cause is known, it is safe to assume that when a cow aborts she is infected with the abortion bacillus. She should, therefore, immediately be separated from the rest of the herd, since the infection is readily transmitted from the aborting cow to others thru uterine discharges.

Sources of Infection

Under natural conditions, says Doctor Connaway, the germ finds its way into the healthy animal thru the mouth, by eating food contaminated by discharges from the infected animal or thru licking surfaces thus contaminated. Transmission of the infection by the bull is a possible, but probably not a frequent occurrence. If care is taken about half an hour before service to flush out the sheath of the bull thought to be infected, the danger from this source is practically none.

Milk from an aborting cow may be infected, but the disease is rarely transmitted in this way. Should mature animals drink this infected milk, they might contract the disease. But calves from abortion-infected cows usually overcome the infection before reaching sexual maturity.

An Effective Treatment

When a cow shows signs of aborting—similar to indications of natural calving—she should be put in a stall by herself, away from the rest of the herd. Destroy the aborted foetus and after-birth by burning or burying deeply, and sprinkle with quick-lime before covering with earth. Disinfect the stall and litter with a cresol compound or some other good disinfectant, and make sure that healthy cows do not come in contact with the infected litter. Should abortion occur in the field, cover the spot with freshly slaked lime or other disinfectant, so that other cattle will avoid the place.

The aborting cow should be isolated for three to eight weeks, or as long as any uterine discharges are visible. Before returning the cow to the herd, it is a wise practice to spray the rump and tail with a disinfectant having a disagreeable odor to prevent healthy cows from licking the soiled parts.

Laboratory tests can be made of the blood of an animal to determine whether it is infected with the abortion bacillus. The veterinary department of any state experiment station can make this test. Any individuals that are of no special merit either as breeders or milk producers, it is well to send to the butcher. Exceptionally fine animals, however, need not be sacrificed if care is taken at calving time.

Some infected animals are sufficiently resistant to the disease to carry a living calf the full term. Regardless of this, however, the discharges at calving will be infectious, and the coat of the calf may carry the infection. The after-birth and contaminated bedding should be disposed of as previously described, and the coat of the calf thoroly disinfected before transferring the animal to quarters where it comes in contact with other healthy stock. The cow should remain in quarantine until discharges cease. Her milk should not be used for human food as long as the discharge exists, and should be boiled if fed to calves or swine.

Purebred pigs and poultry grow bank accounts for boys and girls—join the Capper Pig and Poultry Clubs now.

Dairying an Important Industry

BY I. D. GRAHAM

A DAIRY cow giving 30,000 pounds of milk a year produces more dry edible matter than will 10 steers of 1,000 pounds each slaughtered for food. Counting the milk at 3½ per cent of butterfat, which is only a fair average, the cow will yield 4,500 pounds of edible dry matter in a year while a thousand pound steer dresses 550 pounds of beef, a large per cent of which is water, leaving perhaps 350 pounds of edible dry matter.

And the dairy cow keeps right on doing it while the steer can produce human food only once in his lifetime. Producing food is only an incident in the life of the cow and she may produce more next year, but it is the end of the steer.

But when we consider that the world doubles in population every 125 years; that there is never a day when someone, somewhere, is not starving and when we consider the present state of agriculture, it may well induce a thought as to whether some modification of present farming methods may not be worthy of consideration.

Heretofore American agriculture has consisted of raising and selling the products of the soil and this has involved the payment of high freight rates on bulky commodities, a constant depletion of the soil fertility and a frequent over-supply of such crops as the farmer had to sell because every farmer was raising the same things and the market was depressed because everybody desired to sell at the same time.

With our present imperfect means of transportation and our enormously increased powers of production thru modern farm machinery, it is easily possible to force a depression in prices thru a glutting of the markets when all farmers raise the same crops and market them at the same time.

This is no argument for decreasing the acreage in crops. The world needs every ounce of food that can be raised. But it is an argument for utilizing some of our crops in a different manner than hauling them to the elevator. The acreage should not be decreased but a larger share of our crops should be manufactured into more condensed and more valuable commodities right on the home farm and the cow is one of the best possible machines for doing this, especially when accompanied by the sow.

The complaint is sometimes heard that dairying involves lots of hard work which does not pay. It doesn't. It involves an opportunity. The grain farmer works a part of the time and uses his farm and work stock a part of the time but his overhead expense and his taxes go on all the time. He does not utilize his money-making machinery to its full capacity and he ought not to kick if he only gets part pay.

Livestock farming, and particularly milk farming provides full time employment for the man, the horse and the land. The overhead and taxes go on just the same but there is a continuous income with which to meet them. The machine works to capacity.

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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. No wonder Jules Melotte says: "Let every man try it. I'll leave it to the judgment of the American farmer as to whether this is the greatest separator in America."

The Belgium Melotte is the only single-bearing-bowl separator ever made. This patent Bowl hangs from one frictionless ball-bearing and spins like a top. The 600-lb. Melotte turns as easily as the 300-lb. machine of other makes. Spins for 25 minutes unless brake is applied. No other separator has or needs a brake.

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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. Then send your milk to the creamery. Let them prove which separator skims the cleanest.

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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.

Send Coupon Now

Mail the coupon for catalog giving full description of this wonderful cream separator. Read about the porcelain lined bowl. Easy to clean as china plate. One half less tinware to clean. An exclusive Melotte feature.

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A Fair Outlook For Wheat

Crop Values for 1922 in Kansas As Well As in the Nation Show Big Increase

BY JOHN W. WILKINSON

NORTHERN and Western Kansas counties received great benefit from the recent snowfall in those sections which averaged from 1 inch to 2 inches. Some of the extreme western counties had as much as 4 inches of snow but the southeastern and south central counties either had only just flurries of snow or none at all.

Wheat so far, according to S. D. Flora, the state meteorologist, has not been seriously affected by the cold weather of the last 10 days.

Wheat stopped growing during the prevalance of low temperatures and in some central counties was frozen to the ground. In the eastern third its condition has changed but little except that the tips have turned brown. The moisture from the snow was beneficial but entirely inadequate to relieve the three months dry spell.

Abandoned Wheat Acreage

On account of the effect of this dry weather many expect a large acreage of winter wheat to be abandoned in Kansas and other sections in the dry area. Of course some of the winter wheat acreage sown in the fall is always abandoned the following spring. This is generally due to several unfavorable weather conditions during the fall and winter, such as fall drouths, intense cold spells, winter drouths, soil blowing, sleet, ice sheets and the like collectively known as winter-killing. The percentage of the wheat acreage sown in the United States that was abandoned during the different years from 1900 to 1921, inclusive, is shown in the accompanying chart.

The largest abandonment was 31 per cent in 1917, after very unfavorable winter conditions, and the smallest was 1.1 per cent in 1919. The average for this period is about 10 per cent, but occasionally it rises to 20 per cent as it did in 1912. Many believe that unless very favorable weather conditions and good rains come in March the area abandoned this year will not be far from 20 per cent or one-fifth of the entire area sown. In Kansas last year, according to Edward C. Paxton, Federal Statistician of the United States Department of Agriculture, at Topeka, Kan., the acreage sown to winter wheat last fall totaled 12,284,400 acres. Twenty per cent of this would amount to 2,456,880 acres. Deducting this there would remain 7,827,520 acres as the minimum estimate for the final acreage.

Crop Values Advance 2 Billions

The farm outlook in Kansas and the Nation at large is considered better than it was at this time last year. The farm production of the Nation at the end of 1922 showed a gross farm value of $14,310,000,000, according to estimates just released by the United States Department of Agriculture. The gross value of farm products in 1921 was 12,402 million dollars.

The total for 1922 is made up of 8,961 million dollars for crops, and 5,349 million dollars for animal products. In 1921 crops were valued at 6,934 million dollars and animal products at 5,468 million dollars.

Crop prices increased except in the case of nearly all fruits, beets, clover seed, rye, potatoes, sweet potatoes, and some other vegetables. Prices of animal products generally declined, including prices of veals, milk cows, and other cattle raised, horses and mules, all dairy products, eggs, and poultry except turkeys. Prices of sheep, lambs and swine increased; wool prices were nearly doubled.

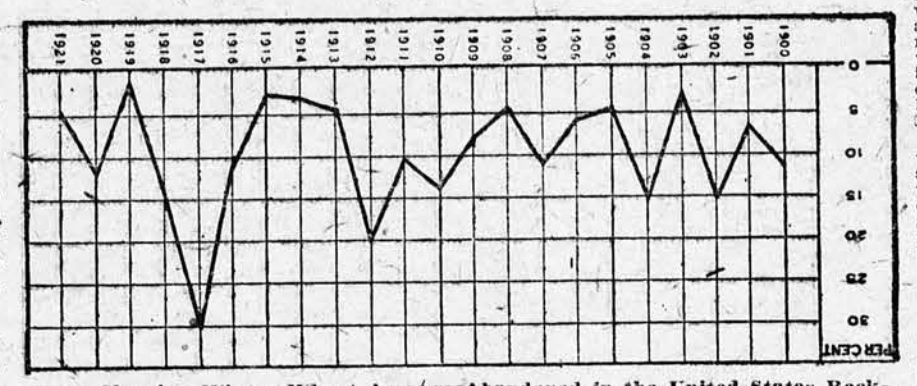


Chart Showing Winter Wheat Acreage Abandoned in the United States Reckoned in Percentages of the Acreage Sown from 1900 to 1921, Inclusive

Peak Prices in 1919

A 10-year study of production and prices shows that the crop value in 1922 was 46 per cent higher than in 1913. The peak was reached in 1919 with a crop value 152 per cent higher than in 1913. In 1920 crop prices were only 78 per cent above 1913, and in 1921 only 13 per cent above 1913. Despite the increase in 1922 the Department of Agriculture points out the crop value is still lower than in any year since 1915, with the exception of 1921.

Animal products values lagged behind crop values during the 10-year period and show less fluctuation. The peak was reached in 1919 when an increase of 125 per cent over 1913 was shown. The subsequent decline in values of animal products was less precipitous than in the case of crop values, but the 1922 figure shows an increase of only 44 per cent above 1913 as compared with an increase of 46 per cent in crop value.

The purchasing power of the 1922 crop value in terms of other products was 89.9 as compared with 100 in 1913. The purchasing power of the 1921 crop value is placed at 70.3 as compared with 100 in 1913. The purchasing power of animal products in 1922 was 88.5, and in 1921 it was 91.5 using 100 in 1913 as a base in both instances. Altho the purchasing power of crops and animal products took almost divergent courses in some years since 1913, they came almost together in 1922.

Kansas Farm Conditions

Local conditions of farm work, crops, livestock and rural markets are shown in the following special county reports from the regular correspondents of the Kansas Farmer and Mail and Breeze.

Anderson—The thermometer recently registered 2 degrees below zero. The weather still is dry. Stock water is becoming scarce. Tenants are beginning to move. Rural market report: Corn sells for 77c at sales; eggs, 25c.—J. W. Hendrix.

Barton—A light blanket of snow two weeks ago was the first snow of the season. The weather now is pleasant but more moisture is needed very much since none to speak of has fallen since the latter part of November. Some fields are beginning to blow and very little moisture remains in the subsoil. Farmers are ready to sow oats as soon as it rains. Quite a number of chicks have been hatched this season. Rural market report: Wheat, $1; butterfat, 42c; eggs, 24c; shorts, $1.60; bran, $1.30; hogs, $6.80 to $7.15.—A. E. Greenwald.

Atchison—With all ground plowed and ready for spring seeding, farmers are well caught up with their work. Farm labor is scarce. Wheat still is in good condition. Farm sales are quite numerous. Rural market report: Wheat $1.19; corn, 65c; oats, 40c; hogs, $7.50; chickens, 18c; potatoes, 85c; sweet potatoes, 50c; cream, 50c; apples, 75c.—Frank Lewis.

Brown—This has been the most open winter we have had for years. It has been ideal for stock raising. Ground is getting extremely dry and roads are cracking badly. Moisture is needed for the wheat but it seems to be in good condition yet. Rural market report: Wheat, $1; corn, 62c; cream 43c; eggs, 25c; hens, 21c; hogs, $8.50—A. C. Danuenberg.

Cherokee—February has been cloudy, rather cold and disagreeable. The first snow fell recently. We have plenty of rough feed and hay for livestock. Much kafir and cane seed is being saved back. Rivers and other water courses in the county are swarming with wild ducks. Sickness of light or severe form is in almost every home. Very little grain or stock is going to market at present. Rural market report: Eggs, 30c; butter, 40c.—L. Smyres.

Cheyenne—Thus far we have not had much moisture—only two light snows. However, wheat seems to be in good condition. Most farmers are up with their work and can find time to indulge in coyote round-ups and other forms of recreation. Most of the wheat crop has been marketed. Roads are in splendid order. A few public sales. Rural market report: Wheat, $1; corn, 55c; barley, 50c; eggs, 21c.—E. M. Hurlock.

Cloud—A recent light snow has been followed by mild weather. Very little farm work is in progress but many incubators are running and calves and pigs are becoming numerous. Cows that are given special care do well. Feed is scarce. However, some are being sold. There is but little surplus corn thruout the county, and it is worth from 65 to 70c a bushel. Livestock has remained healthy, due, probably to the ideal weather.—W. H. Plumly.

Clay—The growing wheat was benefited by the recent light snow. Much more moisture is needed as many wells have ceased to flow and farmers are forced to haul water. Farm sales are dull. No real estate business. Farmers are engaged in cutting wood and caring for their livestock. Rural market report: Wheat, $1; corn, 65c; oats, 75c; bran $1.40; shorts, $1.65; cream, 41c; eggs, 25c.—P. R. Farslund.

Douglas—A light snow last week provided moisture for the wheat. It also made shocked corn husking more profitable as it has been so dry that the fodder was too brittle to be of much value after it had been worked over and moved. Roads are in splendid condition and many bridges have been built and all bad places taken care of. Several sales recently were held. Horses and mules still are cheap. Milk cows and especially pigs and brood sows sell high. Feed is plentiful but wheat is being pastured extensively. Rural market report: Wheat, $1.04; corn, 70c; rye, 80c; oats, 45c; hens, 20c; eggs, 25c.—Mrs. O. L. Cox.

Ellis—We still are having cold, dry weather. A light snow recently fell. Feed is getting scarce and livestock is getting thin. Last week another coyote hunt, at which seven coyotes were killed, was held. About 40 of these undesirable inhabitants have been exterminated this winter. Rural market report: Wheat, top, $1.07; corn, 70c; barley, 60c; oats, 60c; eggs, 24c.—C. F. Erbert.

Gove and Sheridan—The weather is dry and changeable. Wheat on the stubble ground undoubtedly will make a crop if moisture is received soon. The fields that were plowed do not look very promising. Livestock is looking good. A few public sales. Rural market report: Eggs, 25c; butter, 40c; barley, 48 to 55c.—John I. Aldrich.

Graham—We don't need to go to California or Florida for a sunshiny winter for we have it right here in Kansas. Recently a light snow covered the ground but more moisture is needed. A few fields of wheat will not survive. All livestock is wintering in fine shape. Many of the cattle that were on full feed have been shipped. The fat hog supply also is diminishing.—C. L. Kobler.

Greenwood—Dry, windy weather prevails with the accustomed dust storms. Wheat seems to be holding its own against the dry weather. Feed will be scarce before grass comes. Stock of all kinds are looking fairly good. The weather this winter has been ideal for stock and very little shelter has been needed. Scarcely any road work is being done. Some kafir is being threshed. Rural market report: Corn, 80c; wheat, $1; oats, 60c.—A. H. Brothers.

Greenwood—It has been very dry since the first week in November, as less than ¼ inch of moisture has fallen since then. Oats ground is too dry to sprout oats. Wheat is showing up green but is making no growth. —John H. Fox.

Hamilton—To date this has been the driest winter in the history of the county. However, it has been fine for cattle and the stockmen, but hard on the wheat, as that which has sprouted is nearly all dead. All of January was moderate weather. Times are dull, and money is scarce and most stock brings only fair prices. Horses and mules are very low in price but there are no buyers. Soil still is too dry to do much plowing. Rural market report: Broom corn brush of good quality, $150 to $325 a ton; cream, 58c; eggs, 30c; butter, 40c; fat hogs, $6.25. —W. H. Brown.

Harvey—The weather is somewhat unsettled and snow or rain is badly needed, especially for the growing wheat. Livestock still is doing fine and bringing fair prices at public sales. Rural market report: Butter, 40c; eggs, 24c; hens over 4 lbs., 17c.—H. W. Prouty.

Jackson—A recent 2-inch snow was very beneficial to the wheat. Weather has been exceptionally fine the last six weeks and much spring work, such as cutting stalks, plowing and preparing for spring crops, has been done. Stock is wintering in good condition. Numerous farm sales are being held, but mostly tenants are leaving the farm. Rural market report: Corn, 65c; wheat, $1 to $1.10; hogs, $7.50.—F. O. Grubbs.

Jefferson—The weather has been very cold the last few days. A light snow fell recently but it soon melted leaving but little moisture. A few farmers are of the opinion that the wheat has been damaged by the cold, open weather. Many people have been victims of the lagrippe. Rural market report: Hogs, $8; eggs, 26c.—A. C. Jones.

Linn—Many satisfactory sales are now being held. Since the recent snow we have had some winter weather but not enough to freeze ice thick enough to put up. Roughness is plentiful and stock of all kinds are coming thru the winter in fine condition. A few farmers are planning to sow their oats as soon as they can get their seed. Some severe sickness and many light cases of the "flu" are in evidence thruout the county. Rural market report: Seed oats, 50c; corn, 75c; wheat, $1; eggs, 25c; butter, 30c; hogs, $7.50; chickens, 18c; potatoes, $1; horses, $50 to $80; cows, $40 to $50.—J. W. Clinesmith.

Lyon—The weather continues dry and cold. Wheat needs moisture but is in very good condition. Roads have a fine surface. Very few farms have been sold. Public sales are few too. Rural market report: Wheat, No. 2, 98c; corn, 74c; hens, 17c; eggs, 24c; butter, 40c.—E. R. Griffith.

Osborne—The wind and dry weather are giving wheat a very poor chance to grow. There is no frost in the ground. Many farmers are hauling water and several are scraping out ponds to have them in readiness for the next rain. Livestock is in fine condition. The open winter has made possible a great saving on rough feed.—W. F. Arnold.

Rooks—Farm women are setting hens. The general opinion among farmers is that the chance for a wheat crop is poor. Many fields are a total failure. No moisture has fallen since September. Rural market report: Wheat, 95c; corn, 60c; oats seed, 65c; butterfat, 27c; eggs, 24c.—C. O. Thomas.

Pawnee—Wheat needs moisture. Dry, cold and windy weather prevails. Feed is plentiful altho there is very little wheat pasture. Cows and implements are selling for fair prices at the farm sales. Horses bring low prices. No land sales are reported. Several carloads of cattle and sheep recently were marketed. Farmers are not in favor of cancelling the country's war debts, because the farmer is expected to pay his

(Continued on Page 37)



The Activities of Al Acres—If the Soil Wasn't Loosened Up It Wasn't Slim's Fault in Any Way

Capper Poultry Club

Two Meetings, New Members, and Lots of Pep Were the Results of Anderson County Trip

BY RACHEL ANN NEISWENDER
Club Manager

DAY by day in every way we're getting better and better." This saying of Professor Coue might well apply to the poultry club. Applications are flocking in. Recommendation blanks are coming on every mail. Girls in Kansas are lining up for membership in the club this year, and with all respect to past club members, and past club years, I feel that the girls who are lining up this year are the most enthusiastic group of girls ever enrolled. Every one of them has the same middle name—Pep. Things are going to hum this year, or I miss my guess.

Where Are the Girls?

I've begun to think that we possess five counties in Kansas in which there are no girls between the ages of 10 and 18. Do you know why? Every county in Kansas has been heard from during this enrollment period except Barton, Butler, Cherokee, Dickinson and Grant counties. Surely, there are 10 girls in each of these counties who are interested in purebred chickens and club work. Why not line up teams and put these counties in the limelight?

Anderson County Means Business

Recently I received an invitation. It came from Mrs. Fred Johnson of Anderson county, who asked me to come down to attend two organization meetings. I accepted the invitation, and had a truly delightful time at the Johnson home. The picture I am using today is of the up-to-date poultry house where Johnsons house their Brown Leghorns. The inset is of Carl Johnson, who is now 9, and thinks that he will never be 12, so that he can become a member of the Capper Pig Club. He thinks it might help some if the Capper Poultry Club would allow boys to enter—especially boys who are 9.



Two Successful Meetings

The first meeting was held at the home of Mr. and Mrs. O. G. Dawson, near Lone Elm. We went on Saturday, spent the day and devoured a real club dinner, consisting, as you might suspect, of three kinds of meat, four kinds of salad, cakes galore, besides all the other usual things. Mrs. Dawson had invited friends who were interested in the Poultry Club, and we succeeded in lining up several girls and mothers. The folks have kept on working, and we expect to have a complete team soon. These folks mean business, and they're out after the pep trophy, the special county prizes, and everything in sight this year.

We also held a meeting at the Berea schoolhouse, which is just over the line in Franklin county. Here we lined up several members, and have the promise of more. These girls don't know which name they'll choose, Anderson county team No. 2, or Franklin county team, but they do intend to make other counties work.

Mrs. Johnson Wins Mother's Cup

Knowing that Mrs. Johnson had won the mother's cup, I just tucked it in my bag, and didn't tell her a thing about it until after I spoke at the schoolhouse. Then I presented it to her. It surely was a fine surprise, and I wish you might have been there to enjoy it with me.

It was difficult to decide who should win this trophy cup for mothers, for a mother's pep is so much more difficult to judge than her reports. I almost wish I had a cup for every Kansas mother, but if I had, would they be so precious? Every mother in Kansas gave of her energy and encouragement to her limit, but it is so much more difficult to work against odds than it is to work with other mothers. Mrs. Johnson boosted club work in every way she could. It was she who drove miles on a hot August day that the boys of the Pig Club, and Marguerite, who represented the Poultry Club, might attend a joint meeting in Linn county. Mrs. Johnson came with the children to the pep meeting in Topeka, and gave of her time and energy, tho she well knew that no Poultry Club cup would come to Anderson last year. So we say, as Mr. Johnson said when we had returned from the schoolhouse meeting, "Three cheers for mother!"

Orpington Prizes Go to Sisters

Reta Bowman of Coffey county won the first prize Buff Orpington cockerel offered by J. H. Gibbs of Redfield, and Gladiola Bowman won the first prize White Orpington cockerel, also offered by J. H. Gibbs of Redfield.

Vesta Doubles Honors

Besides winning first place in the baby chick department Vesta Gatton of Cowley county won the first prize $25 Black Langshan cockerel offered by J. A. Lovette of Mullinville.

A $5 cockerel of unusual breed offered by Mrs. C. T. Horton of Linn county to the girl who won the most prizes at fairs, has not been awarded, but will be announced later.

Forest officers in 1921 made 170 arrests for violation of the game laws, with 94 convictions resulting, and reported to state officials 28 violations, with 13 convictions resulting, according to the Forest Service, United States Department of Agriculture.

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, Poultry Club Manager

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

.....county in the Capper

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

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

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

Approved.....Parent or Guardian

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

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



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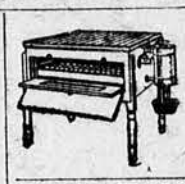
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What is the name of this doll? Fill in the blank spaces above and complete the doll's name. It's easy. When you have filled in the blank spaces write Aunt Alice and tell her what the name of this doll is, and she will tell you how you can get one of these big dolls, over 15 inches tall, with real wavy hair, rosy lips and big, wide-awake blue eyes. It is not a cloth doll to be stuffed, but a real doll, wearing a beautiful Bloomer Dress neatly trimmed, with white collar and cuffs, a pair of white socks and shiny black slippers. It is a doll that any little girl would enjoy making dresses for. Be the first one in your neighborhood to get one of these lovely dolls. Any girl who has received a Capper Doll will tell you how beautiful they are.

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Aunt Alice has a doll for every little girl, so be sure and write and tell her what this doll's name is, filling in the coupon below. Send no money, just your name and address. Hurry if you want one of the beautiful dolls.

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Business and Markets

By John W. Samuels

TRADE conditions in every part of the United States show marked improvement along all lines. The Nation is face to face with an important building movement and unless unforeseen complications are encountered the indications are that 1923 will register a new high record in valuations for new buildings.

Greatly increased savings deposits are reported by 880 savings institutions that render statements to the Federal Reserve Banking Board. Such increases show that the Nation's purchasing power has been augmented in a very important manner and that the chances are that some further heavy gains in savings bank balances will be reported in the next month or two.

Increased Purchases by Farmers

Trade is enlarging at various centers of business activity and purchases by wage earners are becoming much more of an important factor in the total general demand. Retail business along all lines is improving and manufacturers report rapidly increasing orders. Farmers are loosening up and are buying more heavily of machinery and farm equipment than they bought at this season of last year.

Prices of grain continue to maintain fairly satisfactory high levels and have encouraged farmers to believe that prices of other farm products will also ultimately reach higher levels than have been reported within the last three or four months. Nothing but an indifferent foreign demand at present keeps wheat prices from taking a marked upward trend. New crop futures have been strengthened somewhat by the cold weather and unfavorable weather conditions in general. No rain or snow of any consequence has fallen for several weeks and if high winds prevail in March the outlook for the new wheat crop will not be very promising. But for the limited foreign demand such conditions ordinarily would put wheat on a rapidly rising market.

Grain Futures and Wheat Exports

May wheat in Chicago is down about 3 cents and it registered a decline of 2 cents in Kansas City. July wheat, however, made a gain of ⅛ to ½ cent while September wheat advanced 2 cents.

Exports of wheat and flour from the United States and Canada last week amounted to 4,642,000 bushels as compared with 5,531,000 bushels of the previous week and 4,644,000 bushels for the same week a year ago. Whether the export situation will improve any will depend largely upon the future improvement of conditions in Europe. A study of the accompanying chart showing export variations from year to year will be of interest. The United States has exported a surplus of wheat in every year of its history except 1836, but international trade in wheat on a large scale may be said to have begun in 1850. Following the Civil War there were a few years of small exports, but by 1869 they had returned to the Civil War level. Exports increased rapidly from 1866 to 1880, after which there was a decline until 1890. This was followed by a period of large exports until 1902. From 1878 to about 1902 was the great surplus-producing period of development of wheat production in the United States. From 1903 to 1913 the exports were much less than in the previous decade.

The Livestock Situation

The livestock situation at this time is also of interest and will require close study and faithful watching by men who desire to play safe. Thruout 1922 and thus far in 1923 cattle feeders have enjoyed a period of fairly satisfactory profits. Prospects in general are favorable for a continuance of such conditions, but corn prices are advancing as a result of increased heavy demands and will be a limiting factor on future profits. During the last week

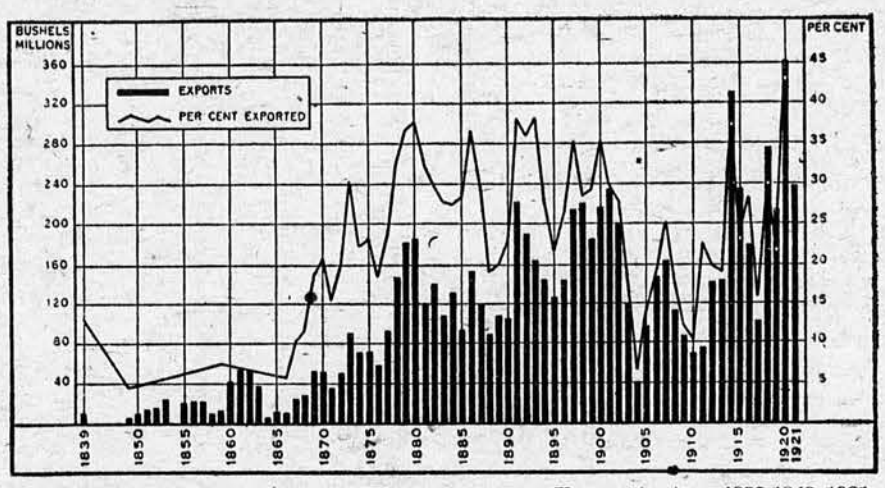


Chart Showing Net Exports of Wheat from the United States; 1839,1849-1921 and Also the Percentage of Crop Exported; 1839, 1859, 1866-1921

corn at Cottonwood Falls, at Bazaar, and many other feeding points in Kansas, advanced to 75 cents a bushel and shortly may reach a higher figure. Feeders no doubt will try to meet this situation by feeding when possible larger quantities of silage and roughage and hold their cattle until fully fitted for marketing rather than to ship them to market prematurely.

Recent Government reports show heavy increases in the hog population and a big prospective increase in the coming pig crop, and packers no doubt will be quick to use this as an argument for depressing prices next summer. A recent Government survey shows about 55,123,000 hogs in 21 of the leading swine producing states and a total of 63,424,000 head for the entire United States. In the 21 swine producing states mentioned the production last year showed a total of 50,214,000 hogs. From this it appears that the increase amounts approximately to 10 per cent.

During the last 10 days in Kansas City there has been a break and rebound in livestock prices, but the final result was a general net advance. Early in the week prices for cattle, hogs and sheep were sharply lower. At midweek, however, receipts were short of requirements and the market started on the upgrade and closed with net advances in all divisions. On Tuesday cattle and hogs were in the lowest position of the season, but the rally since then carried prices well above last week's average. Lamb prices fluctuated 50 cents, and no quotable change was reported in sheep.

Receipts this week were 38,103 cattle, 5,501 calves, 55,686 hogs, and 26,654 sheep, compared with 34,213 cattle, 5,463 calves, 74,604 hogs, and 27,041 sheep last week, and 36,161 cattle, 4,926 calves, 52,090 hogs, and 21,635 sheep a year ago.

A Promising Future for Him



The Farm Bloc is a Husky and Rapidly Growing Youngster Who is Causing a Great Deal of Grief Among Some of the Ringside Politicians

Beef Cattle

In the first two days of the week heavy receipts of cattle in Chicago caused a general decline at all markets and trade was unusually dull. The buying side was depressing the market in anticipation of a decrease in demand for meats, but they ran short on their orders late in the week and were anxious for supplies at higher prices. The net advance in fat cattle for the week was 25 to 35 cents. Choice 1,471-pound steers sold up to $10, and medium and handy weight steers up to $9.75. Other good to choice steers sold at $8.50 to $9.50, and warmed up classes brought $7.25 to $8.25. Some Colorado steers brought $8.30 to $8.60, and South Texas grassers $5 to $6.60. Cows and heifers made as much net advance as steers. Top for heifers was $9. Veal calves sold up to $12.50.

Demand for stockers and feeders was fairly active with no quotable net change in prices. From now on demand for cattle to summer graze will increase.

Hogs Top Market at $8.35

On Tuesday the bulk of the hogs sold at $7.70 to $7.90, or the lowest prices this year, but since then there was a substantial rebound in the market and prices finally were 35 to 40 cents above those of Tuesday, and 10 to 20 cents above last week's close. The top price was $8.35 and bulk of sales $8 to $8.25. Shippers bunched too many hogs in Chicago the early part of the week. Even distribution is the best way to stabilize the market.

Sheep and Lambs

Tho lambs declined 25 to 50 cents Monday the loss was regained later and the market closed 25 cents net higher. Light weight lambs are selling at $14.50 to $14.65, strong weights $14 to $14.50, and heavy $13.75 to $14, ewes $7 to $8, and wethers $8 to $9.

A shipment of 139 lambs, fed and handled during the last 100 days at the Kansas State Agricultural College at Manhattan, were sold on the Kansas City market, bringing $14.65, which was the top. They averaged 85 pounds. These were Western lambs, bought at the Kansas City yards. They were in charge of A. M. Paterson, of the animal husbandry department of the college.

Horses and Mules

There was improved demand for the light supply of horses and mules offered this week at steady prices. Southern demand for horses was better than last week.

The following quotations on horses are given at Kansas City:

Drafters, weighing 1,500 to 1,700 pounds, $100 to $140 apiece; fair to good drafters, $60 to $100; good chunks, $60 to $125; medium chunks, $50 to $85; fancy drivers, $100 to $200; medium to good drivers, $65 to $100; Southerners, $20 to $110; plugs, $5 to $15.

Good work mules, 4 to 7 years old, are quoted as follows:

13½ to 14 hands high, $25 to $90; 14 to 14½ hands, $50 to $100; 15 to 15½ hands, $90 to $150; 15½ to 16 hands, $100 to $175; extra big mules, $150 to $225.

Hides at Kansas City are steady and unchanged. The wool market continues strong. The following quotations are given at Kansas City:

(Continued on Page 35)

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11	1.10	3.52	27	2.70	8.64
12	1.20	3.84	28	2.80	8.96
13	1.30	4.16	29	2.90	9.28
14	1.40	4.48	30	3.00	9.60
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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25	2.50	8.00			

RELIABLE ADVERTISING

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

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

AGENTS WANTED

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

AGENTS SELL FRENCH PLOW POINTS. No welding. Farmer puts them on. Outwear three welded points. A. J. H. Chapman, 1333 Cherokee St., Denver, Colo.

AGENTS. SELL WOLVERINE LAUNDRY Soap. A wonderful repeater and good profit maker. Free automobile to hustlers. Wolverine Coap Co., Dept. A8, Grand Rapids, Mich.

BUSINESS OPPORTUNITIES

FOR SALE: CLEAN STOCK GENERAL Merchandise invoices $3500, good small town, cash business, low rent, a money maker. No trades. 425 Lane St., Topeka, Kan.

WE WANT AT ONCE A RELIABLE MAN or woman in each town in Kansas to look after new and renewal subscriptions for the Capper Publications. Work either full time or part time. If you are now doing house to house soliciting, take our work on as a side line and increase your income materially. For full particulars write at once to Desk 200, Capper Bldg., Topeka, Kansas.

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.

HELP WANTED—MALE

EXPERIENCED FARM HANDS, EXCELlent room and board, $28.00 per month, $33.00 per month if remain the year. Swain Ranch, Dwight, Kan.

AMBITIOUS MEN, WRITE TODAY FOR attractive proposition, selling subscriptions to America's most popular automobile and sportsman's magazines. Quick sales. Big profits. Pleasant work. Digest Pub. Co., 9622 Butler Bldg., Cincinnati.

BIG PROFITS WITH EXCLUSIVE TERRItory—$50 to $100 weekly easy. More has been made repeatedly in one day's work. Wonderful invention delights householders. Automatic hot and cold water bath outfit without plumbing; only $7.50. Eager buyers everywhere. Send no money. Terms. Write today. Allen Manufacturing Co., 697 Allen Bldg., Toledo, Ohio.

EDUCATIONAL.

BECOME RAILWAY MAIL CLERKS. $1600-$2300 year. Sample coaching lessons free. Franklin Institute, Dept. P15, Rochester, N. Y.

FINLAY ENGINEERING COLLEGE, K. C., Mo. Electricity, Steam, Armature Winding, Auto-Electric, Drafting. 6 weeks to 2 years. Day and night. Enroll now. Write for catalog.

FOR SALE

100 EACH OF LETTER HEADS AND ENvelopes printed postpaid $1.50. Cash with order. Order today. Frank Witt, Caldwell, Kan.

FOR SALE OR TRADE

FOR SALE OR TRADE FOR LIVE STOCK, Holt Caterpillar 45 Tractor; also John Deere 6 bottom power lift plow. Write for particulars and price. John I. Goodrum, Milan, Kan.

Being of the opinion that your paper is the best advertising medium in this part of the country, I am enclosing an ad which please run four consecutive weeks.—J. M.

We sent you an ad last week for Baby Chicks and now have almost a book full of orders and would rather not have the ad run any longer as it makes so many letters to answer. Your paper is the only one we had an ad in and it was the only one we needed.—F. B.

PATENT ATTORNEYS

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

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.

MILLIONS SPENT ANNUALLY FOR ideas! Hundreds now wanted. Patent yours and profit. Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. Patent Dept. 402, American Industries, Inc., Washington, D. C.

PATENTS PROCURED. TRADE MARKS registered. A comprehensive, experienced, prompt service for the protection and development of your ideas. Preliminary advice gladly furnished without charge. Booklet of information and form for disclosing idea free on request. Richard B. Owen, 34 Owen Building, Washington, D. C.

PATENTS PROCURED. SEND SKETCH or model today for examination, prompt report and advice. No charge for preliminary advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Clarence A. O'Brien, Registered Patent Lawyer, 743 Southern Building, Washington, D. C.

KODAK FINISHING

ROLL AND 20 CENTS GETS SIX VELOX prints. Quick service. Kodak Shop, Gardner, Kan.

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

WANT TO BUY

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Field Seeds, St. Louis, Mo.

MACHINERY WANTED

JOHN DEERE MANURE SPREADER, SECond hand, wanted. Wm. F. Perkins, Oswego, Kan.

A FORDSON TRACTOR WANTED, SECond hand. William F. Perkins, Oswego, Kansas.

TRACTOR 30-60, WANTED ON 80 ACRE farm; Avery, Aultman-Taylor or Rumely, give age, price and description first letter. Box 152, Concordia, Kan.

MACHINERY FOR SALE

TWO ABSOLUTELY NEW 12-25 WATERloo Boy Tractors, $600.00 each. James Weller, Holton, Kan.

BARGAIN; HART-PARR 30-60 AND DISK plow, $300.00. Good shape. Will demonstrate. Edgar Hedberg, Falun, Kan.

FOR SALE OR TRADE: COMPLETE steam threshing outfit, 30 H. P. engine, 36x60 separator. C. F. Linn, Waldron, Kan.

18x36 AVERY TRACTOR NEARLY NEW; John Deere plow, 4 bottom; McCormick combine thresher. A. M. Lawson, Nekoma, Kan.

FOR SALE—AN AVERY 22 H. UNDERmounted engine, a 36-60 Avery Separator. C. W. Borchardt, 427 W. 8th St., Junction City, Kan.

FOR SALE: AUTO TRAILER, FANNING mill and grain grader with wagon elevator, Fairbanks Morse 1½ Horse engine. Henry S. Voth, Route 2, Goessel, Kan.

ONE DART TRACTOR 12-25, ONE AVERY tractor 8-16, one Overland Automobile 85-4; property is located at Elkhart, Kan., and for sale under mortgage foreclosure. Write the Equitable Investment Corporation, Wichita, Kan.

FOR SALE: ONE COMPLETE RUMELY threshing outfit consisting of a 16-30 engine, a 28-44 separator, oil tank and wagon, and 4 bottom Grand Detour plows. This outfit is nearly new and will be sold at a bargain. If interested call or write, Anderson & Jackson, Greenleaf, Kan.

FOR THE TABLE

PEANUTS—10 QTS. $1.00, POSTAGE PAID. W. A. Morrison, Hagerman, Texas.

5½ POUNDS FULL CREAM CHEESE $1.65 postpaid in Kansas. Roy C. Paul, Moran, Kan.

HONEY

PURE EXTRACTED HONEY, 10 LBS. $2.00; 5 lbs. $1.10, prepaid. Frank Van Haltern, Wathena, Kan.

HONEY—PURE EXTRACTED, 60 LBS., $6.50; 120 lbs., $12.00, at Greeley. J. P. Lindahl, Box 939 Greeley, Colo.

FINEST LIGHT EXTRACTED HONEY 28 lb. can $3.50; 60-lb. $6.50; 120-lb. $12.00; here. Frank H. Drexel & Sons, beekeepers, Crawford, Colo.

STORAGE BATTERIES

SAVE 20% ON YOUR STORAGE BATTERies. The Manhattan Battery, direct from factory, gives 100% satisfaction. We also rebuild old batteries at great saving to you. Young men, learn a paying trade at our battery school. Write for information and prices. The Manhattan Battery Mfg. Co., Manhattan, Kan.

RADIO SUPPLIES

HERE'S GOOD RADIO NEWS: A GUARanteed detector and one-stage amplifier receiving set with a range of the United States for only thirty dollars. H. & H. Co., Lincolnville, Kan.

TYPEWRITERS

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

MISCELLANEOUS

FOR PRAIRIE HAY WRITE C. H. Browne, Lakin, Kan.

FOR SALE: HEDGE POSTS IN CAR LOTS. Walter Ellison, Cherryvale, Kan.

CONTAGIOUS ABORTION PREVENTED. R. Harold, 1006 Houston Street, Manhattan, Kan.

TELL THREE FRIENDS WE TRADE phonograph records and rolls. Send their names and 12 cents for 3 games, prepaid. Fuller, Wichita, Kansas.

AUTO-TRACTOR OILS FROM REFINERY 7 years securing inside contracts. Positively guaranteed. 50 Gal. medium 42 cents; Fordson 47 cents. Drum free, first. order Sharp, Hunnewell, Kan.

TOBACCO

TOBACCO — KENTUCKY'S PRIDE, RICH, mellow chewing, ten pounds $3; smoking, ten pounds $2; twenty pounds $3.50. Farmer's Club, Mayfield, Ky.

KENTUCKY TOBACCO; BEST OBTAINable. 3-year-old leaf. Free flavoring and directions. Pay for tobacco and postage when received. Chewing 10 lbs. $3.25; smoking 10 lbs. $2.75. Old Homespun Co., Hawesville, Ky.

KENTUCKY NATURAL LEAF TOBACCO. Chewing 5 pounds $1.75; 10 pounds $3.00; 20 pounds $5.25. Smoking 5 pounds $1.25; 10 pounds $2.00. Send no money. Pay when received. Farmers Co-operative Tobacco Union, Paducah, Ky.

HOMESPUN TOBACCO. CHEWING, 5 pounds $1.75; 10 pounds $3.00; 20 pounds $5.25. Smoking, 5 pounds $1.25; 10 pounds $2.00; 20 pounds $3.50. Send no money; pay when received. Co-operative Tobacco Growers, Paducah, Ky.

NATURAL LEAF TOBACCO: SELECT quality. Chewing 5 lbs., $1.75; 10 lbs., $3.00; 20 lbs., $5.00. Smoking 5 lbs., $1.25; 10 lbs., $2.00; 20 lbs., $3.50. Try it at our risk; money refunded if tobacco returned. Co-operative Tobacco Growers, Sedalia, Ky.

NATURAL LEAF—FOUR YEARS OLD, unexcelled quality and flavor. 5 lbs. chewing $1.50; smoking $1.25; second grade smoking 6 lbs., $1.00; 10 lbs. $1.50. Pay for tobacco and postage when received. Farmers' Exchange, Hawesville, Kentucky.

SEEDS—PLANTS—NURSERY STOCK

SHAWNEE WHITE SEED CORN. J. A. Ostrand, Elmont, Kan.

SOY BEANS, SABLE, $3.00 BUSHEL. L. C. Thomas, Humboldt, Kan.

PRIDE OF SALINE SEED CORN, $2.00. Carl Stirtz, Abilene, Kan.

INSPECTED KANOTA OATS, $1.00. W. D. Essmiller, Great Bend, Kan.

INSPECTED KANOTA OATS, $1.00 BUSHel. L. C. Swihart, Lovewell, Kan.

SWEET POTATO SEED—YELLOW JERsey. H. C. Hays, Manhattan, Kan.

BROME GRASS SEED—12c LB. SAMPLE free. R. E. Ballard, Formoso, Kan.

STRAWBERRY PLANTS $3.00 PER 1,000. List free. J. Sterling, Judsonia, Ark.

SEED SWEET POTATOES, 16 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

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

KANOTA OATS, RECLEANED, $1.25; smut-treated, $1.35. Taylor & Sons, Chapman, Kan.

BLACKHULL WHITE KAFIR SEED, $2.50 hundred. Sacks furnished. Joe Timmons, Hoxie, Kan.

RECLEANED CLOVER SEED $13.00 BUSHel; Timothy $3.75. Guy Tredway, La Harpe, Kan.

WANTED: TWENTY-FIVE BUSHEL Whippoorwill Cowpeas. F. W. Henning, Great Bend, Kan.

KANOTA OATS ALL SOLD. SEED CORN next. Everything certified. Laptad Stock Farm, Lawrence, Kan.

SUDAN, RED CLOVER, CANE, PINK, Red, White Kafir. All quality seed. D. O. Gifford, Burlington, Kan.

PRIDE OF SALINE AND COMMERCIAL White seed corn, $2.00 per bushel. C. C. Cunningham, ElDorado, Kan.

GLADIOLI — PLANTING SIZE. RED, White, Pink, Salmon, 200 postpaid $1.00. Phil Laeser, Sun Prairie, Wis.

BEST RECLEANED CERTIFIED GRIMMS alfalfa, patronize producer. Ask for sample and price. G. W. Fisher, Mack, Colo.

REGISTERED GRIMM'S EVERLASTING alfalfa seed, 99% pure, 91 germination, 40 cents pound. A. L. Orr, Montrose, Colo.

DWARF MILO MAIZE. WRITE FOR price and germination. Seed is pure as can be grown. Thos. Burch, Selkirk, Kan.

SEED CORN AND BLACK HULL KAFIR, first prize state fair, $1.50 bushel. Sweet Corn 10c lb. Sam Stoughton, Hutchinson, Kan.

SQUASH SEED, MOUNTAIN GROWN, GENuine Hubbards. Postpaid, pound 90c, ounce 10c. Platean Seed Farms, Colbran, Colo.

BROOM CORN SEED FOR SALE. GOOD Oklahoma Dwarf at $2.00 per bushel f. o. b., Weskan, Kan. Sacks furnished. Plant and cultivate same as kafir or cane. John Bygren, Weskan, Kan.

SEEDS—PLANTS—NURSERY STOCK

CHOICE SEDAN SEED $13.50; MAIZE Kaffir, $3.00; cane $7.00, per hundred. All recleaned, sacked. W. M. Green, Dalhart, Texas.

DO YOU NEED PASTURE? SWEET CLOVer, permanent, nutritious, heavy yielding, very fattening. Information. John Lewis, Virgil, Kansas.

CERTIFIED PRIDE OF SALINE, AND Freed's White Dent corn $2.00, and Blackhull Kafir $1.75 per bushel. Bruce S. Wilson, Keats, Kan.

CLOVER SEED $11.00; BOONE COUNTY White Seed corn $2.00. Strawberry plants 60 cents. All extra good. Frank Renzenberger, Garnett, Kan.

CANE SEED $2.00 PER BUSHEL; SUDAN $14.00 cwt., Kaffir $1.35 bushel, Millet $1.35 per bushel, sacks furnished. Holzer Produce Co., Russell, Kan.

SWEET CLOVER, UNHULLED, WHITE or yellow, 8c pound. Hulled $8.00 bushel. Alfalfa $6 and $8, Recleaned. Sacks 35c. Robert Snodgrass, Augusta, Kan.

PURE PEDIGREED HOME ILLINOIS farm grown, Government endorsed, broom corn seed. Write Fanning Broom Corn Seed Co., Main Floor Fanning Block, Oakland, Ill.

RED AMBER CANE SEED, $4.00; ORANGE $4.50; Pink Kafir, Golden and Siberian Millet, $3.00; Sudan Grass, $14.00. All per cwt. Northwestern Seed House, Oberlin, Kan.

FOR SALE—CERTIFIED SEED OF KAFIR, Sorgo, Milo Maize, Corn, Sudan Grass and Kanota Oats. For list of growers write the Kansas Crop Improvement Association, Manhattan, Kan.

DEPENDABLE FRUIT AND SHADE trees, shrubbery, small fruits, roses, vines, perennials, plants, bulbs and supplies. 48 page catalog free. Hutchinson Nurseries, Kearney, Neb.

TREES,—SHRUBS, EVERGREENS, PEONies, Iris, Roses, Grapes, berry plants. Standard varieties, reliable stock at reasonable prices. Catalog free. J. W. Hinshaw & Sons, Eureka, Kan.

PLANTS: FLOWER, VEGETABLE, VINE, bulb plants; choicest varieties, expert grown, delivered you at planting time, mail or express prepaid. Send name for circular. Weavers Gardens, R. 9, Wichita, Kans.

PRIME ALFALFA $6.50 BU.; PRIME Sweet clover, $6.50 bu.; Prime Red clover, $10 bu.; Prime timothy, $3.00 bu.; Sudan Grass, $6.00 bu. Bags free, f. o. b. Kansas City. Standard Seed Company, Kansas City, Mo.

ALFALFA SEED: RECLEANED, NON-IRrigated at $9.00-$10.50 and $12.60 per bu. White Bloom Sweet Clover $7.50 sacrificed $8.40 per bu., our track, bags 40c. All kinds kaffir, cane, millet and flax. Samples on request. The L. C. Adam Merc. Co., Cedarvale, 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 131, Cleveland, Tenn.

FREE: SEND FOR FREE BOOK ON HARdy trees, plants, shrubs, vines and seeds, from the heart of the Ozarks. Ideal for reference. Lists hundreds of varieties at low prices; directions for planting; special offers, etc. Book free; write today. Arkansas Seed & Nursery Co., Dept. G2, Fayetteville, Ark.

QUALITY TREES AND PURE SEEDS FOR spring planting. Our trees are thrifty, whole rooted, free from disease, and priced at reduced wholesale prices. Northern grown quality seeds that grow and satisfy. Send today for our catalogue and price lists which are full of valuable information to the planter. Wichita Nurseries and Seed House, Box B, Wichita, Kan.

TWELVE WELCH'S CONCORD GRAPE vines 2 years $1. 36 1 year $2. 25 rhubarb $1. 100 asparagus $1. Ten Early Richmond Cherries $4. Ten Compass $3. Ten Kieffer pears $3. Ten Elberta Peach $2.50. Ten Apple $2. Ten Elm $1. Good 3 to 4 foot trees. 100 Early Harvest Blackberries $2. 100 Progressive and 200 Dunlap Strawberry plants $2. (Prepaid.) Checks accepted. Catalog free. Welch Nursery, Shenandoah, Iowa.

DOGS AND PONIES

PURE BRED ENGLISH PIT BULL PUPS. Ed Kean, Abilene, Kan.

COLLIE PUPS, HIGH BRED MALES $4.00. Burson Busset, Aliceville, Kan.

FOX TERRIERS, COLLIES, BULL DOGS, pups a specialty. L. Poos, Dearborn, Mo.

YOUNG COLLIES, MALE $5.00, FEMALES $3.00. Older females. Frank Barrington, Sedan, Kan.

SHEPHERD PUPS; PARENTS NATURAL heelers. Female $5, male $10. Lyle Spear, Verona, Neb.

FOR SALE: WOLF HOUND, GOOD ONE, price fifty dollars. Francis McMiller, Route 2, Lucas, Kan.

GERMAN SHEPHERD; AIREDALES; COLlies; Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

SCOTCH COLLIE AND ENGLISH SHEPherd puppies, from natural heelers. Shipped on approval. Send stamp for description and prices. H. W. Chestnut, Chanute, Kan.

SCOTCH COLLIES: OVER 100 HEAD TO select from. A combination of over 25 years breeding of the choicest imported strains. Illustrated circular free. H. H. Harvey Dog Farm, Clay Center, Neb.

STRAYED NOTICE

TAKEN UP BY F. G. MILLER OF LIBerty Township, Harper County, Kansas, on November 6, 1922, one heifer, weight about 300 lbs. red with white spots under bit on left ear. C. E. Kennedy, County Clerk, Anthony, Kan.

TAKEN UP IN GREEN TOWNSHIP, Harper County, Kansas on January 24, 1923, one bay horse, 15 hands high, weight about 1100 lbs., with spot in forehead, no other brands. C. E. Kennedy, County Clerk, Anthony, Kan.

One insertion of my turkey ad brought three times as many inquiries as I had toms, so would like to change my turkey ad to four insertions of the enclosed advertisement.—A. E. F.

A11204 974977

POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

ANDALUSIANS

BLUE ANDALUSIAN COCKERELS, FROM heavy prize winning stock, $2.00 to $5.00. Ella Briscoe, Lincoln, Kan.

GUARANTEED BLUE ANDALUSIANS; THE big kind that lays a big white egg. $1.25 setting, $7.50 hundred. A. A. Neufeld, Route 1, Inman, Kan.

ANCONAS

PURE BRED ANCONA EGGS $5.00 PER hundred. Expert culled. Mrs. B. H. Bagley, Zenith, Kan.

SINGLE COMB ANCONA COCK, COCKERels, Sheppard strain, choice birds. Nelson Bros., Waterville, Kan.

ANCONAS: STATE FAIR WINNERS. Chicks 15 cents. Cockerels. Theron Tibbitts, Richland, Kan.

ANCONA EGGS, 100-$8.00. CHICKS 100-$16.00. Flock direct from Sheppard. Mrs. Linnie Strouts, Wilsey, Kan.

PAGE'S ANCONA FARM, SALINA, KANsas. Cockerels, eggs. Most liberal guarantee. Oldest breeder in Kansas. Member both clubs.

SINGLE COMB ANCONAS, SHEPPARD direct foundation. Choice range flock. Chicks 100-$16.00; eggs 100-$6.00. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

QUALITY SINGLE COMB ANCONAS. Champion winners, great layers. Sheppard's direct cockerels, eggs, baby chicks. Discount 500, 1000. Oakgrove Ancona Farm, Dannebrog, Neb.

S. C. ANCONA CHICKS AND EGGS FROM range flocks, $1.50 for 15 eggs, $5.00 per 100. Chicks 15 cents. Also eggs and chicks from special pens. Write for mating list. Walter Pierce, Route 3, Chapman, Kan.

Ancona—Eggs

ANCONAS—SHEPPARD STRAIN. EGGS 100-$6. Gay Small, Galva, Kan.

SINGLE ANCONAS, FROM 331-240 EGG strain, $5.50-100 prepaid. Amiel Dorr, Osage City, Kan.

ROSE COMB ANCONA HATCHING EGGS. Winter layers. $1.00-15, $5.00-100. Rose Hefty, Valley Falls, Kan.

S. C. ANCONA EGGS, $5.50 A HUNDRED; 75 cents a setting, prepaid. D. N. Miller, Route 5, Hutchinson, Kan.

ANCONA EGGS, FLOCK HEADED BY cockerels from Gies pen. 100-$6. Mrs Helen Lill, Mt. Hope, Kan.

SINGLE COMB HATCHING EGGS, FROM pens that laid at 140 days. Pens sired by birds from Sheppards Ancona Headquarters. $6.00 hundred. Lloyd Doran, Bloomington, Kan.

SINGLE COMB ANCONAS, SHEPPARD strain. Cockerels Ash's direct. Choice range flock. Eggs 100 for $5.00. Chicks $14 per 100. Booking orders now. Anna Gillen, Downs, Kan.

STEWART'S ANCONAS; RANGE FLOCK eggs $1.50 per setting, $7.00 per 100, $6.50 per 100 in case lots, prepaid, safe arrival, 90 per cent fertility. Ray E. Stewart, Sylvan Grove, Kan.

BABY CHICKS

STANDARD ROSE COMB RED CHICKS. Lily Robb, Neal, Kansas.

CHICKS—TEN VARIETIES, LOWEST prices. Mrs. Dick Chiles, Grainfield, Kan.

PURE BRED CHICKS, 9c UP. CATALOG free. Brewer's Hatchery, Minneapolis, Kan.

QUALITY CHICKS, CHEAP; PURE breds. Catalogue. Hamilton Hatchery, Garnett, Kan.

BABY CHICKS, PURE BRED WHITE WYandottes, 15 cents prepaid. Floyd Sellers, Galva, Kan.

SINGLE COMB WHITE LEGHORN CHICKS, Barron strain, $12.00 per 100. Dean Gray, Lyndon, Kan.

ANCONA CHICKS, REAL YEAR ROUND layers. Also other varieties. Carl Stirtz, Abilene, Kan.

BABY CHICKS, LEADING VARIETIES, 9 cents up. Circular free. Ideal Hatchery, Eskridge, Kan.

BABY CHICKS, THE PLACE WHERE they have quality. Seber's Hatchery, Leavenworth, Kansas.

CHICKS: REDS, ORPINGTONS, WYANdottes, 12 cents. Delivery guaranteed. Ed. Gilman, Lebo, Kan.

WHITE LEGHORN CHICKS, LARGE ENGlish Barron strain, $14.00 per 100. Fred Tobler, Lyndon, Kan.

CHICKS—ROSE COMB WHITE, $16, $18-100 prepaid. State Fair winners. Goenner Hatchery, Zenda, Kan.

BABY CHICKS: S. C. WHITE LEGHORN Tom Barron 260 egg strain. Queen Hatchery, Clay Center, Kan.

BABY CHICKS. THIRTEEN VARIETIES. Send for illustrated catalogue. Smiley's Hatchery, Seward, Neb.

ANCONA CHICKS. REAL YEAR ROUND layers. Also other varieties. Carl Stirtz, Route 1, Abilene, Kan.

PEPPY BABY CHICKS, 7 CENTS UP, write for particulars. Chicken Little Hatchery, Lincoln, Neb.

BABY CHIX: ROSE COMB RED, FROM pure bred stock. Write for prices. Weavers Hatchery, Wakefield, Kan.

1,000,000 PURE BRED CHICKS. GET OUR 20 page catalog before ordering. Rex Poultry Co., Clinton, Missouri.

CHICKS, S. C. WHITE LEGHORN; BARron; Hoganized; private stock. Circular. Chas. Ransom, Robinson, Kan.

25,000 PURE BRED CHICKS WEEKLY. Lowest prices, live delivery guaranteed. Catalog free. Lindstrom Hatchery, Clinton, Mo.

I am getting good results from my advertisements with you and want them continued right along.—C. L.

BABY CHICKS

CHICKS 8c UP. TWELVE VARIETIES. Best laying strains. Catalog free. Missouri Chickeries, Box MX, Clinton, Mo.

PURE BRED CHICKS—REDS, ROCKS, Wyandottes, 16c each. Good until May. Mrs. Charlie Turner, Madison, Kan.

WENGER'S S. C. W. LEGHORNS. BABY chicks 100-$10.50, 500-$50.00. Live delivery, prepaid. Jonas Wenger, Canton, Kan.

PURE BRED SINGLE COMB WHITE LEGhorn and Red Baby chicks, 12 cents. Eggs $5.00 hundred. Essie Weed, Coats, Kan.

CHICKS: LEADING KINDS. WRITE TOday for free copy large illustrated chick book. Comfort Hatchery, Windsor, Mo.

PURE BRED—ROCKS, REDS, ORPINGtons, Wyandottes, Minorcas, Leghorns. Kansas Poultry Company, Norton, Kan.

CHICKS—7C UP. LEADING KINDS. Postpaid. Guaranteed. Real delivery service. Colonial Hatcheries, Windsor, Mo.

CHICKS—PURE FERRIS SINGLE COMB White Leghorns, 265-300 egg strain, $15-100 prepaid. Goenner Hatchery, Zenda, Kan.

SINGLE COMB WHITE LEGHORN chicks from carefully selected flocks. Quality guaranteed. Mrs. Anna Hege, Sedgwick, Kan.

YESTERLAID SINGLE COMB WHITE Leghorn chicks, $15.00 hundred., Eggs $5.00 hundred. Mrs. Hayes Showman, Sabetha, Kan.

200,000 BABY CHICKS TO SELL. YOU buy the best for the least money, guaranteed alive, from Colwell's Hatchery, Smith Center, Kan.

BEST CHICKS, EIGHT CENTS UP, PREpaid, live delivery. Leghorns, Orpingtons, Rocks, Reds. Clay Center Hatchery, Clay Center, Kan.

WHITE AND COLUMBIAN WYANDOTTES baby chicks, 100 per cent live delivery guaranteed. Mrs. A. B. Maclaskey, Burlington, Kan.

BARRED ROCK BABY CHICKS: $15 PER 100. Eggs after February 20, $7 per 100. Guarantee 95% alive. Mrs. Chas. Forsyth, Howard, Kan.

QUALITY CHICKS. LEGHORNS 11 CENTS; Rocks, Reds, Anconas 12 cents. Postpaid. Thousands ready. Missouri-Kansas Hatcheries, Adrian, Mo.

PURE BRED QUALITY CHICKS: LEGhorns $10 per 100, Reds, Anconas $12, Rocks $13, Wyandottes $14. Jenkins Poultry Farm, Jewell, Kan.

STRONG BABY CHICKS FROM WINTER laying strain of English White Leghorns, 12 cents prepaid, March delivery. Mrs. Veat Jilka, Wilson, Kan.

BABY CHICKS: SINGLE COMB WHITE Leghorns. Range grown, healthy, vigorous stock. Satisfaction guaranteed. Long View Leghorn Farm, Green, Kan.

SINGLE COMB WHITE LEGHORNS FROM heavy winter laying strain; pure bred. Get prices; February delivery; prepaid. Myers Hatchery, Clay Center, Kan.

PLACE YOUR ORDERS NOW FOR BABY chicks; also hatching eggs. Seven leading varieties. Write for prices. Thrift Poultry Yards, Box 217, Agra, Kans.

SINGLE COMB WHITE LEGHORN BABY chicks and hatching eggs from stock bred for 15 years for high winter egg production. H. P. Ikenberry, Quinter, Kan.

CHIX, $12.00 HUNDRED UP. BIG, FLUFFy, vigorous. Eight pure bred varieties. Eighth season. Circular free. Silver Spring Hatchery, Box 97, Abingdon, Ill.

HIGHEST QUALITY BABY CHICKS—ANY variety. Prices reasonable. Breeding stock for sale. Write for catalog. Parsons Poultry Farm Hatcheries, Parsons, Kan.

FAWN AND WHITE INDIAN RUNNER ducklings and baby chicks, pure bred. Priced right. Delivery guaranteed. Windsor Hatchery, Box BM, Windsor, Mo.

BABY CHICKS: ROCKS, REDS, ORPINGtons, Leghorns. Orders filled year round. Reasonable prices. Ivy Vine Hatchery, Floyd Bozarth, Manager, Maple Hill, Kan.

BABY CHICKS—BARRED ROCKS, REDS, Orpingtons, White Wyandottes, Anconas, Leghorns, mixed breed, 10c up. Cochrane Hatchery, 3149 Sutton, Maplewood, Mo.

CHICKS AS HARDY AS MISSOURI MULES. Pure bred flocks carefully culled by specialist. Quality guaranteed. Nine varieties. Premier Hatchery, Warrensburg, Mo.

CHENEY'S EGG BASKET STRAIN, ENGlish Barron White Leghorns, $12.50 per 100. Hatched from eggs laid on the Cheney White Leghorn Farm, Topeka, Route 5.

BABY CHICKS FROM HEAVY EGG PRODucing strains. Live delivery guaranteed. Fifteen leading pure breeds. Catalog free. Smith Brothers Hatcheries, Mexico, Mo.

BABY CHICKS—PURE BRED, LEADING varieties, lowest prices, quality and live delivery guaranteed, postpaid. Catalogue. Calhouns Poultry Farms, Montrose, Mo.

SINGLE COMB WHITE LEGHORN BABY Chicks from good quality females mated to pure Young and Hillview cockerels, eleven cents each. Edwin Kamm, Halstead, Kan.

CHICKS, PURE BRED-TO-LAY, LEADING varieties. Low prices. Our instructive catalog free. We hatch our own chicks. Hubers Reliable Hatchery, Dept. A, Hiawatha, Kan.

CHICKS—PURE ROSE COMB REDS, heavy layers; cockerels 2 years from 300 egg strains, 15 cents postpaid. Satisfaction guaranteed. Adda Walker, White City, Kan.

SINGLE COMB WHITE LEGHORN BABY chicks, tested heavy laying Barron strain, fourteen cents, prepaid. Live delivery guaranteed. Wylles Hatchery, Clay Center, Kan.

BABY CHICKS, POPULAR VARIETIES. Pure bred pens and small flocks, scientifically mated. All chicks acclimated before shipped. 100% delivery guaranteed. H. R. Hatchery, Box B. M., Windsor, Mo.

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IOWA POULTRY FARM CHICKS. 12 LEADing varieties, some of Iowa's highest egg producing flocks. We hatch our own chicks, and guarantee them in every way. I. B. C. A. member. Catalog free. Iowa Poultry Farm, Muscatine, Iowa, Dept. 8.

BABY CHICKS FROM PURE BRED, HIGH producing stock. S. C. White Leghorns 15 cents; R. I. Reds 17 cents, postpaid. Safe delivery guaranteed. C. G. Cook, Lyons, Kan.

EGGS THAT HATCH, CHICKS THAT LIVE. Prices low. Won over 5,000 prizes. Furnished Government and schools. Catalog free. Sterling Poultry Farms, Box 400, Sterling, Ill.

Discontinue my ad for cockerels. Have sold all the roosters. It sure brought the trade all right. Have sent chickens almost every day since I put it in.—W. R.

BABY CHICKS

BABY CHICKS: LARGE TYPE, S. C. Black Minorcas, $18.00-100; Eggs $6.00. S. C. Golden Buff Leghorns $14.00; eggs $5.00. Chicks prepaid. Herbert Rhodes, Clifton, Kan.

YOUNKINS CHICKS—BARRED ROCKS, White Rocks, Single Comb White Leghorns and Anconas. Postage paid, 100 per cent live delivery. Catalog. Younkins Hatchery, Wakefield, Kan.

ENGLISH STRAIN SINGLE COMB WHITE Leghorns from trapnested stock that laid 287-306 eggs. Chicks $15.00, eggs $7.00 per hundred, postpaid. L. M. Lingo, Route 5, Garnett, Kan.

BABY CHICKS—DUCKLINGS—EGGS. LEGhorns $14.00 per 100. Barred Rocks, Reds, Minorcas, Buffs, $16.00. Ducklings 25c postpaid. Eggs $3.00 setting. Hogan Hatchery, Bowling Green, Mo.

S. C. BUFF LEGHORN CHICKS, TWELFTH year, $14.00-100. We produce and hatch our own eggs. Catalog free. Book orders for future delivery now. Alf Johnson, Leonardville, Kan., Rt. 2.

BABY CHICKS FROM KANSAS GREATest hatchery. Strong, livable kind; electric hatched; 13th season. Lowest prices, guaranteed alive. Young's Hatchery, Box 1013, Wakefield, Kan.

BABY CHICKS—STRONG, VIGOROUS, healthy. Better chicks cannot be purchased. Many varieties. 100 per cent delivery guaranteed. Low prices. Star Chick Hatchery, Westphalia, Mo.

MONEY MAKERS FOR YOU, 50,000 CHICKS to ship everywhere. The McKee Hatchery, Harlan, Kansas, ships fine chicks guaranteed alive. Buy them quick. Good mortgage lifters for your back yard.

BABY CHICKS. 15 LEADING VARIEties. 2½ million for 1923. The kind that lay early. Large, vigorous, fluffy kind. Lowest prices. Send for large catalog. D. T. Farrow Chickeries, Peoria, Ill.

CHICKS: ROCKS, REDS, ORPINGTONS, Leghorns, others. Scientifically incubated. Vigorous, sturdy. Develop wonderful commercial pure bred stock. Remarkably low prices. Southside Poultry Co., Box 200, Dakota, Ill.

ROSE COMB BROWN AND WHITE LEGhorn chicks $12.00-100; eggs $6.00-100. Single Comb Buff Orpingtons $15.00-100; eggs $7.00. Hoganized. Live delivery, satisfaction guaranteed. Belleville Center Poultry Farm, Belleville, Kan.

BABY CHICKS — SINGLE COMB WHITE Leghorns—25,000 weekly. English and American. 180 to 250 Egg Strain. Via prepaid parcel post. Safe delivery guaranteed. Catalog free. 6th season. Miller-Mathck Hatchery, 821 Franklin St., Kirksville, Mo.

ROSS BABY CHICKS: THREE HUNDRED and fifty thousand strong, vigorous chicks for this season. Ten standard breeds, all Hogan tested. We hatch our own chicks. Get our catalog and prices. Live delivery guaranteed. Ross Hatchery, Junction City, Kan.

BABY CHICKS, 20 VARIETIES, 50,000 weekly. From Hogan tested flocks. Miller Baby chicks are shipped via prepaid parcel post. Safe delivery guaranteed. Over 10,000 pleased customers. 20th season. Big catalog free. Miller Poultry Farms, Box 611, Lancaster, Mo.

BABY CHICKS: PURE BRED BARRON strain White Leghorns from prize winning, Hogan tested, farm flock. Great winter layers. $12.50 per 100. We also hatch Rocks, Reds, Orpingtons and Wyandottes. White's Hatchery, Route 4, North Topeka, Kan.

BABY CHICKS FROM HIGH GRADE FARM flocks. White Wyandottes, Rose and Single Comb Reds, Barred Rocks, White and Brown Leghorns. Orders for February and March delivery. Leghorns $12.00-100, other breeds $14.00. Postpaid. McMasters Hatchery, Osage City, Kan.

BABY CHICKS: PURE BRED, BARRON strain, English White Leghorns from extra selected heavy producing farm range stock. Excellent winter layers. $13.00 and $15.00 per 100. We also hatch Rocks, Reds, and White Wyandottes. Catalog. Johnson's Hatchery, 109 Buchanan Street, Dept. A, Topeka, Kan.

BABY CHICKS: BARRED, BUFF AND White Rocks, Rhode Island Reds, Buff Orpingtons, White, Buff and Brown Leghorns, Black Langshans. Pure bred, heavy egg producers. Customers report having raised 95%. Postpaid, 100% delivery guaranteed. Circular free. The Porter Hatchery, Box B, Winfield, Kan.

GUARANTEED CHICKS AND HATCHING eggs. Winter egg strain, English S. C. W. Leghorns highest and pedigreed egg line, big type, finest equipped poultry farm, and the largest breeders in many states. Beautiful catalog ready, pictures of home plant and get acquainted with us. Grandview Poultry Farm, Decatur, Iowa.

DAY OLD CHIX—WHITE WYANDOTTES, Buff Orpingtons, Buff Rocks, Rose and Single Comb Reds; Buff, White and Barred Rocks; Black Langshans; Anconas; Buff, White and Brown Leghorns, 11c to 17c. 25 or more delivered alive by prepaid parcel post. Hatched right, by the electric way. E. & Z. Steinhoff & Son, Osage City, Kan.

BABY CHICKS, PURE BRED, ALL LEADing varieties from heavy laying strains. Strong, healthy chicks. Shipped successfully to forty states. 100% live arrival. Prepaid, satisfaction guaranteed. Order early and don't be disappointed. Member International Baby Chick Association. Catalog free. Loup Valley Hatchery, Box 98, St. Paul, Neb.

DEAN HARR'S BABY CHICKS. STRONG lively chicks from strains such as Thompson, Sheppard Martin, etc., free catalogue if desired, but to assure shipment when wanted, order direct from this adv. send 25% cash. Leghorns 25 for $4.25, 50 for $8.00, 100 for $15.00, $500 for $72.00, 1,000 for $140.00. Barred Rocks, Reds, 25 for $4.50, 50 for $8.50, 100 for $16.00, 500 for $78.00, 1,000 for $150.00. White Rocks, Wyandottes, Orpingtons, 25 for $5.00, 50 for $9.50, 100 for $18.00, 500 for $88.00, 1,000 for $170.00. Minorcas and Anconas, 25 for $6.00, 50 for $11.50, 100 for $22.00. We guarantee full live delivery and complete satisfaction. Harr Farms Co., Box D-502, Wichita, Kan.

BRAHMAS

LIGHT BRAHMA COCKERELS, $2.50 each. Mrs. Albert Appel, Rt. 1, Bushton, Kan.

PURE BRED LIGHT BRAHMA COCKerels, $2.50 each. Geo. Pratt, Route 2, Topeka, Kan.

BANTAMS

SEABRIGHT AND WHITE COCHIN roosters, $1.50 each. Eggs after March 1st, $1.25 for 15, by express. Alberta Peffley, Eldorado, Kan.

DUCKS AND GEESE

WHITE PEKIN DUCKS, $1.25, DRAKES, $1.75. Ethel Hill, Mayetta, Kan.

BUFF ORPINGTON DRAKES. CHOICE stock. Mrs. Chas. Snyder, Effingham, Kan.

PURE BRED TOULOUSE GEESE, $10 trio, $3.50 single bird. Vona Morton, Hume, Mo.

ROYAL BLUE ROUEN DUCKS AND drakes, $2.00 each. Mrs. J. E. Ricklefs, Troy, Kan.

EMBDEN GANDERS FROM BLUE RIBbon stock, $3.50. Agnes Fitzpatrick, Emporia, Kan.

MAMMOTH WHITE PEKIN DUCKS, drakes, $1.50 and $2.00. Edward Williams, Route 7, Clay Center, Kan.

GEESE: TOULOUSE, AFRICAN, EMBDEN. Ducks: Pekin, Rouen, Runner, Muscovey. Price reasonable. John Hass, Bettendorf, Ia.

DOMESTICATED MALLARD, WHITE MUScovy drakes, $3.00. Embden goose, White Muscovy duck eggs $3.50 per 7 or 11, prepaid. Earl Scott, Wilmore, Kan.

HAMBURGS

PURE ROSE COMB SILVER SPANGLED Hamburg cockerels, $2.00. Mrs. M. Hoehn, Lenexa, Kan.

LANGSHANS

CERTIFIED WHITE LANGSHANS. MINnie Tucker, Route 4, Independence, Kan.

PURE BRED BLACK LANGSHAN EGGS, $1.00-15; $6.00-100. Cecil Croxton, Powhattan, Kan.

PURE BRED WHITE LANGSHANS. EGGS, chicks; guaranteed. Reasonable. Pens. Sarah Greisel, Altoona, Kan.

WORLD'S CHAMPION WHITE LANGshans. Photos and prices on request. Walter Jaekson, Osage City, Kan.

WHITE LANGSHAN COCKERELS, EGGS and Baby Chicks. Blue ribbon stock. Ella R. Tillman, 1283 Lane, Topeka, Kan.

PURE BRED WHITE LANGSHAN COCKerels $2.00 each. Setting eggs and chicks. Shipping point Garden City. James Dimitt, Plymell, Kan.

BIG BLACK LANGSHANS. APRIL hatched. Cockerels, pullets, eggs. Laying strain. Stock show. Guaranteed. Osterfoss, Hedrick, Iowa.

LEGHORNS

ROSE COMB BROWN LEGHORN COCKerels $1.00. Robert Burns, Pomona, Kan.

SINGLE COMB BUFF LEGHORN COCKerels, $1.50. Gus Newell, Chapman, Kan.

SINGLE COMB DARK BROWN LEGHORN cockerels, $1.00. Mrs. Lewis Davis, Hill Top, Kan.

CHOICE SINGLE COMB WHITE LEGhorn cockerels $1.50. Lawrence Diebolt, Iola, Kan.

BARRONS S. C. WHITE LEGHORN COCKerels, $2.00 each. Otie Cunningham, Formoso, Kan.

CHOICE PURE ROSE COMB WHITE LEGhorn cockerels, 6 for $7.00. Mrs. Elsie Gilmore, Leroy, Kan.

WORLD'S BEST WHITE LEGHORN Chicks, 10 to 20 cents. Clara Colwell, Smith Center, Kan.

DARK BROWN LEGHORNS, KULP Strain. Eggs 5 cents, chicks 12 cents. Lee Smith, Claflin, Kan.

PURE SINGLE COMB WHITE LEGHORN cockerels, $1.25, $1.50. Guinea pigs. Emma Darrin, Basil, Kansas.

PURE ROSE COMB BROWN LEGHORN cockerels $1.25; hens and pullets $1.00. Albert Stahl, Louisburg, Kansas.

CLOSING OUT; QUALITY WHITE LEGhorns, young hens, cockerels, $12.00 dozen. Wm. Meseke, Manhattan, Kan.

ROSE COMB BUFF LEGHORN EGGS, baby chicks. Exhibition and range. Mrs. Herman Behrens, Marysville, Kan.

BUFF LEGHORN COCKERELS, FIRST and second prize winners Eureka Fair, $2 each. Emma Sluder, Eureka, Kan.

SINGLE COMB WHITE LEGHORNS. Certified. Eggs $7.00 hundred. Prepaid. Guaranteed. Booklet free. Otis Gibson, Americus, Kan.

SINGLE COMB WHITE LEGHORNS. Young, Ferris strain, direct. Eggs 6c; Chicks 15c. Folder free. Joe Zuber, Anthony, Kan.

SINGLE COMB WHITE LEGHORN PULlets, laying 60 per cent, $1.50 each; eggs $6.50 hundred. John Runge, Sylvan Grove, Kan.

FERRIS 265-300 STRAIN EGGS, $6.00 PER 100. 200 hens and pullets, $1.25 each. 25 cockerels $2.00 each. Lillian V. Orr, Coats, Kan.

PURE FRANTZ HEAVY LAYING SINGLE Comb White Leghorns. Chicks 14 cents; safe arrival. Eggs 110-$5.00, postpaid. P. B. Way, Canton, Kan.

IMPORTED ENGLISH BARRON S. C. White Leghorns. Trapnested, bred to record 303 eggs. Pullets, eggs, chix, guaranteed. Geo. Patterson, Richland, Kan.

BARRON SINGLE COMB WHITE LEGhorns from J. R. Mooney's imported pedigreed trapnested, 288 egg strain. Eggs $6 per 100. Baby chicks. James Ross, Belvue, Kan.

SINGLE COMB BUFF LEGHORN COCKerels, $2.00 up. Best record in variety in two national egg laying contests. Certified. Eggs $8.00 hundred. Mrs. C. H. Dear, Riverdale, Kan.

Please do not run my advertisement any longer as we have had more orders than we can fill.—E. O. L.

LEGHORNS

ROSE COMB WHITE LEGHORN COCKerels, $1.00. Leon Normando, Burns, Kan.

BABY CHICKS: HATCHING EGGS FROM heavy laying Single Comb White Leghorns. Write for price list. Also exhibition stock. Charles Herrick, 3003 Ruby, Kansas City, Kan.

BARRON'S PEDIGREED IMPORTED ENGlish Single Comb White Leghorns, 250-324 egg records. Hatching eggs, guaranteed. Circular free. Mrs. Henry Wegman Jr., Route 4, Sabetha, Kan.

EGG BRED, CHAMPIONS HEART OF America Show Kansas City. I won first cock, second hen, first cockerel, first pullet, first pen. Cockerels reasonable; mating list. Herb Wilson, Holton, Kan.

100 SINGLE COMB DARK AND LIGHT Brown Leghorn cockerels, also pullets from $1.00 to $3.00 each. Bred by me for 18 years. Orders for eggs and baby chicks booked now. Eggs from mated pens $3.00 per 15; from range flock $6.00 per 100. Baby chicks $12.00 per 100. G. F. Koch, Jr., Ellinwood, Kan.

TRAPNESTED PEDIGREED BREEDING cockerels. Single Comb White Leghorns from the best egg producing pens of Martin Egg Farm. Records from 220 to 303 eggs on both sides. Write for prices and guarantee, also free mating list. Producers of the first Kansas hen to lay 303 eggs. Martin Egg Farm, Box 243, Hiawatha, Kan.

Leghorn—Eggs

TOM BARRON LEGHORN EGGS, $4.00 hundred. Ernest Simmons, Dwight, Kan.

SINGLE COMB GOLDEN BUFF LEGHORN eggs. $5.00-100. Cora Smith, Cherryvale, Kansas.

PURE TANCRED SINGLE COMB WHITE Leghorn eggs for hatching. Bernritter, Cheney, Kan.

EGGS; $5.00 HUNDRED. ENGLISH BARron White Leghorns. Chas. Schwartz, Hanover, Kan.

SINGLE COMB BUFF LEGHORN EXHIBItion. Trapnest mating list. Fred Ohlsen, Whiting, Kan.

SINGLE COMB BUFF LEGHORN COCKERels. Eggs $4.00-100. Mrs. S. F. Crites, Florence, Kan.

BARRON STRAIN WHITE LEGHORN eggs, $5.00 per 100. U. S. Nelson, Route 5, Atchison, Kan.

WHITE LEGHORN EGGS, LARGE ENGlish Barron strain, $5.00 per 100. Fred Tobler, Lyndon, Kan.

TOM BARRON HOGANIZED EGG STRAIN S. C. W. Leghorn, $6.00 hundred, free range. F. L. Weeks, Belvue, Kan.

ROSE COMB BUFF LEGHORN EGGS. Hoganized matings, real layers. Chicks later. Floyd Schaulis, Morrill, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs. Everlay strain. 100-$5.00. Baby chicks $14. Gay Small, Galva, Kan.

CERTIFIED AMERICAN STRAIN S. C. White Leghorns, extra heavy layers. Eggs $6.00 per 100. Leo Rupf, Princeton, Kan.

TANCRED STRAIN WHITE LEGHORN eggs. Pedigreed ancestors, five dollars per hundred. Chas. Combs, Burlington, Kan.

PURE BRED SINGLE COMB BUFF LEGhorn eggs $5.00 per 100. Hoganized, mated, real layers. W. R. Nelson, Ellsworth, Kan.

ENGLISH WHITE LEGHORNS, THE BIG prolific kind. Eggs 15-$1.50; 100-$5.00. Mrs. Annie Hackett, Route 5, Maryville, Mo.

SINGLE COMB BROWN LEGHORN EGGS, pure bred, $5.00-100 prepaid. Delivery guaranteed. Mrs. Guy Smith, Everest, Kan.

SINGLE COMB WHITE LEGHORN EGGS, per hundred $5.00. Special pen matings $3.00 per setting. R. C. Cornell, Las Animas, Colo.

TANCRED SINGLE COMB WHITE LEGhorns. Flock from pedigreed trapnested stock. Eggs $6.00 hundred, prepaid. Frank Kirgis, Beloit, Kan.

SINGLE COMB GOLDEN BUFF LEGHORN eggs. Heavy winter layers, honest colors, exhibition type, the kind that pay. Percy Weese, Osborne, Kan.

EGGS—FERRIS STRAIN SINGLE COMB White Leghorns, headed by cockerels direct from Ferris Farms. $5.00-100. Oliver Spencer, Route 5. Newton, Kan.

SINGLE COMB BUFF LEGHORN EGGS. State show winners. Pen 20c each; flock 50-$3.50; 100-$5.50. Postpaid. Mrs. Wm. Heussmann, Sterling, Neb.

SINGLE COMB WHITE LEGHORN HATCHing eggs. Bred for eggs, size, beauty. $7.50 hundred. 10% extra for possible infertile. Alan Fitzsimmons, Pratt, Kan.

BARRON'S FAMOUS WHITE LEGHORNS. Hoganized hens, pedigreed cockerels. Free copy trapnest pedigree. Eggs $7.00 per 110. O. A. Zickefoose, Rossville, Kan.

R. F. JOHNSON, THE MAN THAT GETS the winter eggs, sells pure bred Rose Comb Buff Leghorn eggs at $8.00 per 110 eggs from pen, prepaid. Dunlap, Kan.

LEGHORNS: S. C. W. BARRON STRAIN. Hogan tested hens, winter layers. Cockerels trapnested, pedigreed. Stock records 278-280. Eggs $6.00-100. J. W. Barney, Rossville, Kan.

SINGLE COMB DARK BROWN LEGHORN eggs from winners and layers. First pen at Hutchinson show; fertility guaranteed, $5.50 per 100, postpaid. Mrs. E. C. Grizzell, Claflin, Kan.

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 TANCRED S. C. WHITE LEGHORN hatching eggs, $5.00 hundred. All cockerels used sired by pedigreed males shipped direct from Tancred farm. Trapnest record 246 to 299 for four generations. Harry Lee, Route 5, Fort Scott, Kan.

BEATS FARMING. 250 HENS MADE $1000 above expenses in 8 months. Pure Barron English White Leghorns from official champion trapnested stock of 288-316 eggs. Large breed. Pedigreed and extra high egg capacity rated cockerels head flock this year. 100 eggs $7.00. Write for mating list. Perry Dietrich, Miltonvale, Kan.

Please discontinue our baby chick card that you have been running now for several months as we have finished up the hatching season. We have done a nice business in the baby chick line and thank you for your part in the work.—W. H.

The Kansas Farmer and Mail and Breeze reaches those who wish birds of quality and I think is the best paper in which to advertise birds and eggs of quality.—R. S.

MINORCAS

BLACKS—COCKERELS—BURKE TESTED, two hundred egg strain and upward, $2.00 to $3.00 each. Albert Passmore, Plevna, Kan

WHITE AND BLACK MINORCA COCKerels. Two to three dollars each. Eggs $2.50 per 15. L. C. Sherriff, Independence, Kan.

BLACK MINORCAS $16.00-100; WHITE Minorcas $20.00-100. Reds, White Wyandottes, Buff Orpington, Barred and White Rocks, Anconas, $13.00-100. Neads Hatchery, Westphalia, Kan.

ORPINGTONS

PURE BRED BUFF ORPINGTON COCKerels, $2.00 each. Bret Isham, Haviland, Kan.

WHITE ORPINGTON COCKERELS, FINE breeders, sired by blue ribbon and high egg producing stock. H. M. Goodrich, 712 Topeka Avenue, Topeka, Kan.

60 BUFF ORPINGTON COCKERELS AT 5 and 10 dollars each. Satisfaction guaranteed. J. M. Clevenger, Lawrence, Kan. Pair Stag Hound pups, 5 months old, price $20.00.

Orpington—Eggs

EGGS—OWENS AND BYER STRAINS direct. Write J. W. Dickmann, Inman, Kan.

BUFF ORPINGTON EGGS, $6 PER 100, prepaid. Golda Leonard, Emporia, Kan., Route 2.

QUALITY BUFF ORPINGTON EGGS FOR hatching. Mating list free. H. L. Boge, Harvard, Neb.

CERTIFIED S. C. BUFF ORPINGTON eggs, $1.50-15; $6.00-100. Mrs. Orlie Shaffer, Waverly, Kan.

BUFF ORPINGTON EGGS: FREE RANGE, winter layers, $6.00 per 105. D. H. Wenger, Peabody, Kan.

BUFF ORPINGTON EGGS—OWENS strain cockerels—one dollar for fifteen. F. W. Rommel, Rozel, Kan.

STATE CERTIFIED 1923 BUFF ORPINGtons, prizewinners; eggs $2.00-15. Mrs. Frank Monroe, Waverly, Kan.

SINGLE COMB BUFF ORPINGTON hatching eggs, $5.50 per hundred; $1.25 per setting, prepaid. Mrs. George McAdam, Holton, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, from heavy winter layers, large birds, free range, $6.00 per hundred prepaid. E. J. Stafford, Marion, Kan.

EGGS—BUFF ORPINGTON—HEAVY LAYers, hardy, free range, 15-$2.00; $7.50 per 100. Two cock birds $5.00 each. Cockerels $2.50 each. Mrs. E. O. Farrar, Abilene, Kan.

PLYMOUTH ROCKS

PURE BARRED ROCK COCKERELS, $2.00. Ida Ham, Burden, Kan.

WHITE ROCK COCKERELS, $2.00 EACH. J. C. Bostwick, Hoyt, Kan.

WHITE ROCK COCKERELS, CHOICE $3.50. Ray Newkirk, Geneseo, Kan.

BUFF ROCK COCKERELS AND PULLETS. William A. Hess, Humboldt, Kan.

BARRED ROCKS, 87 PREMIUMS. MATtie A. Gillespie, Clay Center, Kan.

BARRED ROCK COCKERELS, PRIZE winning stock, $2.00. Roy Lambert, Coats, Kan.

BUFF ROCKS, PRIZE STRAIN, COCKerels and eggs. Mrs. Robt. Hall, Neodesha, Kan.

SELECTED WHITE ROCK COCKERELS, $2.00, $3.00, good shape. Robt. Nylund, Scandia, Kan.

BARRED ROCK LAYERS, WINNERS, guaranteed. Circular free. Dr. McCosh, Randolph, Kan.

WHITE ROCK COCKERELS, $2.00 EACH, 3 for $5.00. Good ones. I. S. Reazin, Macksville, Kan.

PURE BRED BARRED ROCK COCKERels, Tompson strain, $2.00 each. Oscar Chinn, Coats, Kan.

BARRED PLYMOUTH ROCK COCKERELS, hatching eggs. Thompson strain. Mrs. Gus Brune, Lawrence, Kan.

PURE BRED WHITE ROCK COCKERELS $3.00; eggs 100-$5.00; 15-$1.00. Mrs. Elwin Dales, Eureka, Kan.

RINGLET BARRED ROCK COCKERELS, $3.00, $5.00. Eggs $5.00 hundred. Leslie H. McDonald, Mullinville, Kan.

PURE BRED BARRED ROCKS, PARKS 200 egg strain. Cockerels, Eggs. Catalogue. Gem Poultry Farm, Haven, Kan.

PURE BRED WHITE ROCK COCKERELS. Also White Pekin Drakes. Priced right. Frank Fowler, Route 2, Russell, Kan.

BARRED ROCK COCKERELS, FROM prize stock, $2.50 to $3.00. Eggs $4.00 for 100. Mrs. A. M. Shipley, Coffeyville, Kan.

BARRED ROCK COCKERELS, $3.00. YELlow legs. Vigorous hens, $2.50. 15 eggs-$2.00, 100-$6.00. Mrs. J. B. Jones, Abilene, Kan.

PURE BRED WHITE ROCK COCKERELS from prize winning stock. Satisfaction guaranteed. $3.50 each. Minnie Snider, Piedmont, Kan.

PURE BARRED ROCKS. BRED FOR SIZE, barring, eggs. Cockerels $2.50; 6-$14.00. Eggs 100-$6.00, 15-$1.50. Mrs. S. Vanscoyoc, Oak Hill, Kan.

DARK BARRED PURE ARISTOCRAT cockerels, parent stock direct from Holterman. Satisfaction guaranteed. Mrs. Blanche Freeman, McAllaster, Kan.

WHITE ROCKS, STATE CERTIFIED Class A, 1922 and 1923 farm flock, $1.50 per 15; $8.00 per 100; pen $7.00 per 15. George Hebrank, Council Grove, Kan.

EXHIBITION BARRED ROCKS. CERTIfied flock; grade A eggs $7.00-100. Special pens prize winners—$5.00, $7.50, $10.00 per setting. Wm. C. Mueller, Rt. 4, Hanover, Kan.

EXTRA QUALITY EXHIBITION AND breeding Barred Rocks; 20 cock birds, 60 cockerels, $4.00 to $10.00. Eggs $2.00-15; $10.00-100. Mating list free. C. C. White, Box 461, Seneca, Kan.

PLYMOUTH ROCKS

LARGE, VIGOROUS BARRED ROCK COCKerels from famous E. B. Thompson show bird and laying strain, $3.00, $5.00. Eggs. Mrs. Howard Barnard, Madison, Kan.

BUFF PLYMOUTH ROCK COCKERELS, bred from Kansas City, first prize winners. Even colored, from heavy layers, $3.00 and $5.00 each. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

IMPERIAL RINGLET BARRED PLYmouth Rock cockerels. Largest Rocks in Kansas, from yards headed by 10 to 14 pound males. Chicks from same quality and size; 25-$7.00, 50-$12.00, 100-$20.00. Eggs 15-$2.00, 50-$6.00, 100-$10.00. Satisfaction. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

Plymouth Rock—Eggs

EGGS: ARISTOCRAT BARRED ROCKS, 15-$1.75. M. Morss, Cheney, Kan.

BARRED ROCK EGGS $4.00-100. MRS. Annie Galbraith, White City, Kan.

WHITE ROCK EGGS, $5 HUNDRED. Frank Applebaugh, Cherryvale, Kan.

WHITE ROCK EGGS, $4.00 PER HUNdred. Irvin Kreutziger, Marion, Kan.

RINGLET BARRED ROCK EGGS, $5-100. $3-50. Mrs. Lynn Bailey, Lyndon, Kan.

PURE BRED WHITE ROCKS, $1.25-15, $5.00-100. Selected eggs. T. V. Starr, Raymond, Kan.

WHITE ROCK EGGS, PREPAID. HALbach strain. Mrs. Chas. Snyder, Effingham, Kansas.

PURE BRED BUFF ROCK EGGS, RANGE flock, $5.00-100, $3.00-50. Peter Davies, Osage City, Kan.

FIRST PRIZE BUFF ROCKS, STATE CERtified. Eggs $1.50-15. Mrs. Olive Holmes, White City, Kan.

CERTIFIED WHITE ROCKS, SETTING $1.50 postpaid. Mrs. Dora L. Thompson, Williamstown, Kan.

PARTRIDGE ROCK EGGS, $2.00 PER 15, prepaid. Write for price list. Harry T. Jordan, Rantoul, Kan.

PURE BRED BUFF ROCK EGGS. FARM raised, $6.00 per hundred. Mrs. J. M. Hoover, Lyons, Kansas. Route 2.

PURE BRED BARRED ROCK EGGS, good winter layers, $5.00 per 100, prepaid. Floyd Sellers, Galva, Kan.

LARGE BONE, YELLOW LEGS, HEAVY laying Barred Rocks. 100 eggs $6.00; 15-$1.25. Mrs. Ira Emig, Abilene, Kan.

WHITE ROCKS EXCLUSIVELY. FARM range. Heavy laying strain. Eggs $6.00 per hundred. Mrs. Sam Lash, Abilene, Kan.

WHITE ROCK EGGS. FROM CERTIFIED flock, Grade A, 15-$2.00, 50-$4.00, 100-$7.00. J. R. Applebaugh, Cherryvale, Kan.

PURE BARRED ROCK EGGS, SELECTED, heavy winter layers. Fifteeen $1.00. Hundred $5.00, postpaid. G. C. Dresher, Canton, Kan.

WHITE ROCK EGGS FROM HIGH-RECord trapnested stock, $2.00 per 15, $5.00-45, postpaid. Thomas Owen, Route 7, Topeka, Kansas.

WHITE ROCKS, FARM RANGE. WON sweepstakes at Garnett show. Eggs $6 per 100. Pen $5.00-15. E. A. Vanscoyoc, Mont Ida, Kan.

WHITE ROCKS TWENTY-TWO YEARS. Selective breeding, 100 eggs $6.00; 50-$3.50; 15-$1.25, postpaid. Bracken Fogle, Williamsburg, Kan.

BARRED ROCK EGGS. WINTER LAYERS. Utility 15-$1.00, 100-$6.00. Matings 15-$5.00. Baby chicks. Circular. C. C. Lindamood, Walton, Kan.

WHITE PLYMOUTH ROCKS, FISHEL strain, $2 and $3 per 15 from my prize winning pens; $7.50 per 100 prepaid from flock. Marvin Sweeney, McPherson, Kan.

PURE BRED, HIGH PRODUCING, WHITE Rocks. Sixteen years selective breeding. Eggs $1.50 per 15; $6.00 per 100, prepaid. Baby chicks 15c. H. L. White, Route 6, Independence, Kan.

WHITE ROCK EGGS FROM REAL winter layers, carefully bred and selected for egg production. Setting $1.50, $8.00 per hundred. Will H. Hayden, Route 6, Lawrence, Kan.

SHOW QUALITY RINGLET BARRED Rocks. Healthy high producing range flock, fertility 85 per cent guarantee; setting $1.50. 100-$6.00. W. O. Hogsett, Fontana, Kan.

RHODE ISLANDS

LARGE DARK RED R. C. REDS. GUARanteed. Highland, Hedrick, Iowa.

ROSE COMB RHODE ISLAND RED COCKerels, $2.00. Zellah Young, Bloom, Kan.

LARGE DARK S. C. R. I. COCKERELS, $2.00. Bert Conrad, Rush Center, Kan.

DARK RED ROSE COMB COCKERELS, $3.00 each. Chas. Ballew, Almena, Kan.

REDS, SINGLE COMB, TWO AND THREE dollars. W. E. Richardson, Barnard, Kan.

LARGE DARK ROSE COMB REDS, GUARanteed pure bred. Hecht's, Holyoke, Colo.

SINGLE COMB RED COCKERELS, FROM winners, layers. Emery Small, Wilson, Kan.

DARK ROSE COMB REDS. EGGS $6.00 per 100, chicks 15c. Mrs. Geo. Brilx, White City, Kan.

PURE BRED R. C. R. I. RED COCKERELS from penned birds, $3-$5. Mrs. Lillie Wayde, Burlington, Kan.

STANDARD DARK ROSE COMB RHODE Island Red cockerels, stock winners, $3.50. K. M. Ramsay, Beloit, Kan.

LARGE DARK, HIGH EGG TYPE ROSE Comb Red cockerels, $2, $3 and $5 each. Homer Ramsour, Junction City, Kan.

JOHNSON'S S. C. QUALITY REDS. WINners, egg producers. Write for mating list. J. C. Johnson, Mt. Hope, Kan.

BIG, HUSKY SINGLE COMB RED COCKerels, $2.00 each. Egg circulars free. Hoffman, 2600 Stewart, Kansas City, Kan.

COCKERELS—SINGLE COMB REDS. A few choice breeders left, $3.00 and up. Boyd & Graham, 1926 Bolles Avenue, Topeka, Kan.

LARGE DARK ROSE COMB RHODE ISLand Red cockerels, from certified flock, $3.00, $5.00, C. O. Cress, Rt. 4, Council Grove, Kan.

ROSE COMB RHODE ISLANDS. DARK even red, long broad backs, good layers, cockerels $2.25, five $10.00; hens, pullets, $1.50; eggs 15-$1.00, 100-$5.00. Walter Baird, Deerhead, Kan.

RHODE ISLANDS

ROSE COMB R. I. REDS, FINE COCKERels $2.00 each. 100 eggs $7.00; 50-$4.00; 15-$1.50. Mrs. Clark Isenagle, Route 3, Winfield, Kan.

$2.50 SINGLE COMB RED COCKERELS, fine laying strain. Good shape and color. Eggs $5.00-100. Harlow R. Shafer, Garden City, Kansas.

HARRISON'S IMPROVED STANDARD bred Reds. Either comb. Cockerels, eggs, and chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

PURE BRED SINGLE COMB RHODE Island Red cockerels. Large dark red, good laying strain, $2.50 each. Satisfaction guaranteed. J. H. Vernon, Oberlin, Kan.

SINGLE COMB RED COCKERELS, BRED from Kansas City first prize winners. Large, dark, from heavy layers, $3.00 and $5.00 each. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

HEAVY BONED DARK RED ROSE COMB Reds. Tested laying strain. Have bred them 20 years. Ready for service cockerels, utility, $5.00 each. Guaranteed or your money back. Pullets, eggs. Highland Farm, Hedrick, Iowa.

Rhode Island—Eggs

ROSE COMB RHODE ISLAND EGGS, 100-$5.00. W. L. Horton, Madison, Kan.

S. C. R. I. R. EGGS. BEST BREEDING, good layers. D. A. Ziegler, Burlington, Kan.

DARK SINGLE COMB RED EGGS, $1.50 15; $6.00-100. John Greenleaf, Mound City, Kan.

SINGLE COMB RHODE ISLAND RED eggs for hatching. Earl Richardson, Ottawa, Kan.

SINGLE COMB RED EGGS, 100-$5.00; 50-$2.60, postpaid. Free range. Thomas Chipp, Richmond, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-$6.00 postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.

GOOD DARK ROSE COMB RHODE ISLAND eggs, in insured parcel post carriers, $5.50 per 100. Alta Weaver, Admire, Kan.

ROSE COMB RED EGGS, BEST STRAINS, color, size, shape, $5.00-100; $1.00-15; pullets $1.50. Hazel DeGeer, Deerhead, Kan.

ROSE COMB REDS, MATED TO $5.00 TO $15.00 birds. Eggs 30-$4.00; 50-$5.50; 100-$10.00. Also roosters. W. R. Huston, Americus, Kan.

PURE BRED SINGLE COMB RHODE Island Red eggs for hatching, $6.00 hundred, $1.00 setting. Mrs. Will Hopwood, Abilene, Kan.

PURE BRED ROSE COMB RED EGGS from selected layers; 100, $6; 50, $3.50. Also some choice cockerels. Earle Bryan, Emporia, Kan.

EGGS SIX DOLLARS HUNDRED. LARGE dark red Rose Comb pure bred Rhode Island Reds. Prepaid, insured post. Mary Shields, Barnes, Kan.

PURE DARK RED ROSE COMB, LARGE boned, Rhode Island Red eggs for hatching, $6.50 per 100, prepaid. Mrs. Henry Follett, Waterville, Kan.

SINGLE COMB RHODE ISLAND RED eggs for setting, from state certified flock, class B. Write for mating list. W. M. McCrary, Wilmore, Kan.

ROSE COMB REDS—BIG WINNERS AT best shows. Special mated pens. Eggs, $8.00 per 100, postpaid; fertility guaranteed. Mrs. E. C. Grizzell, Claflin, Kan.

SINGLE COMB REDS, RICKSECKER strain. Blue ribbon winners. Eggs $1.50 setting, $6.00 hundred. Mating list now ready. C. R. Mace, Garnett, Kan.

LARGE, DARK RED SINGLE COMB EGGS. 15-$1.50; 100-$7.00. From prize winning trapnested stock, records 237-264. Mrs. Frank Smith, R. 2., Lawrence, Kan.

FROM CERTIFIED CLASS A FLOCK. Brilliant Rose Comb Red cockerels. Large bone. From trapnested hens. Heavy egg strain. $5.00. Mrs. James Gammell, Council Grove, Kan.

SINGLE COMB REDS. QUALITY FLOCK of uniform, dark, state certified Reds, selected and bred for eggs. Splendid males of exhibition quality. Eggs 100-$8.00, 15-$1.50. Special matings 15-$5.00. Mrs. Sophia Lindgren, Dwight, Kan.

TURKEYS

MAMMOTH BRONZE TOMS, $10.00. Fred Henn, Plainville, Kan.

PURE BRED BOURBON RED TOMS, $8.50 Emma Lovgren, Winkler, Kan.

MRS. BURG, LAKIN, KANSAS, BETTER Bronze Toms, $10 to $25. Booklet.

PURE BRONZE TOMS, $10.00 EACH. VILhelm Bondesen, Box 372, Fowler, Colo.

BRONZE TOMS, BURBANK STRAIN, TOM $10.00. Mrs. Chas. Forsyth, Howard, Kan.

MAMMOTH WHITE HOLLAND TOMS, 25 to 28 lbs, $10. F. C. Browne, Burdette, Kan.

PURE BRED BOURBON RED TURKEY toms, $8.00. Mrs. Willis Hantla, Meade, Kan.

GOLDBANK MAMMOTH BRONZE TURkeys, Toms $12.00 each. Ora Yapp, Esbon, Kan.

HIGH GRADE BRONZE TOMS, 25 LBS. OR better, $12.00. Mary Hardwick, McCracken, Kan.

WHITE HOLLAND TURKEY TOMS, THE big kind, $8.00 each. Mrs. H. R. Myers, Agra, Kan.

MAMMOTH BRONZE TOMS, $10.00; 24 TO 28 lbs. June hatch. Mrs. Lora Snodgrass, Augusta, Kan.

BRONZE TOMS, WEIGHT 34 LBS. WICHita blue ribbon stock. Mrs. George Snider, Piedmont, Kan.

MAMMOTH BRONZE TOMS, GOLDBANK, large boned, 22-28 pounds, $10. Roy Ellis, Coldwater, Kan.

BOURBON RED TURKEYS, HENS $5.00, toms $9.00; one old tom $10. W. H. Hansen, Abilene, Kan.

PURE BRED MAMMOTH BRONZE TURkey toms and pullets, Worlds Fair champion strain, large boned, well marked, $12 to $15. Miss Sadie Denney, Route A, Protection, Kan.

Please take my ad out of your paper as I am sold out and the orders are coming thick and fast.—L. S.

A11204 974977

TURKEYS

VARIETY, PURE WHITE HOLLAND, Bourbon Reds, guaranteed toms $8. E. V. Eller, Dunlap, Kan.

MAMMOTH BRONZE TOMS, LARGE WELL marked, $5.00 reduction. Fowler Bros., Route 3, Russell, Kan.

WHITE HOLLAND, LARGE BONE, PRIZE winning toms, one, two years old, $10.00. W. J. Crane, Cimarron, Kan.

ONLY 7 PURE BRONZE TOMS LEFT, TO clean up $12.00. Satisfaction guaranteed. Arthur Santry, Fowler, Kan.

PURE BRED MAMMOTH BRONZE TOMS, 22-26 lbs., $8.00. Prize winning Goldbank. Annie Hoffman, Ulysses, Kan.

EXTRA LARGE PURE BRED NARRAgansett Toms $10, hens $8. Mrs. O. H. Sackhoff, Route 3, Downs, Kan.

PURE BRED BOURBON RED TURKEY toms $8 and $9; hens $5 each. Prize winners. Mrs. S. E. Pearl, Lydia, Kan.

BRONZE 50 LBS. PRIZE TOM WICHITA Show heading flock; big toms $15.00. Eggs in season. B. Ely, Kinsley, Kan.

MAMMOTH BRONZE TOMS, VIGOROUS, healthy, from 41 pound tom, 20 to 22 pound hens, Isabelle Randall, Ransom, Kan.

PURE BRED MAMMOTH BRONZE TURkeys: toms $10.00, $12.00. Guaranteed breeders. Mrs. Geo. Wharton, Agenda, Kan.

WHITE HOLLAND TURKEYS; HENS $7.00 Toms $10.00. 6 hens and tom $50.00. Booking eggs $5.00 per 12. Florence Binard, Burlington, Colo.

MAMMOTH WHITE HOLLAND TURKEYS: Toms $10; hens $7.50. English penciled Indian Runner Ducks, $1.50. Mrs. Myrtle Smutz, Bird City, Kan.

MAMMOTH BRONZE TURKEYS. TOOK five blue ribbons at Hutchinson State Show 1922. Toms $15.00, Pullets $8.00. Minnie Snider, Piedmont, Kan.

PURE BRED MAMMOTH WHITE HOLland turkeys. Young trio unrelated $25.00; two year old trio $35.00; 30 pound toms $15.00. Satisfaction guaranteed. Carrie May, Garfield, Kan.

WYANDOTTES

WHITE WYANDOTTE COCKERELS, $1.50. Mrs. J. R. Antram, Galesburg, Kan.

COLUMBIAN WYANDOTTE COCKERELS $3.00 each. Not prepaid. P. J. Voth, Goessel, Kan.

PURE BRED WHITE WYANDOTTE COCKerels, $2.50 each. Mrs. Chas. Johnson, Wamego, Kan.

REGAL DORCAS WHITE WYANDOTTES: cockerels $3.00, $5.00. Eggs $7.00-100, Ira Ives, Liberal, Kan.

"BEAUTILITY" SILVER WYANDOTTE cockerels, $3, $4, $5, $10. Eggs. Mrs. Edwin Shuff, Plevna, Kan.

WHITE WYANDOTTES; MARTIN KEELER direct cockerels $2.50; eggs 100, $6.00. H. O. Collins, Fontana, Kan.

PURE BRED SILVER WYANDOTTE COCKerels, $2.50 to $5.00. Eggs in season. Mrs. Philip Schuppert, Arrington, Kan.

KEELER STRAIN PURE BRED WHITE Wyandotte cockerels, $2.50 and $3.00 each. Eggs for hatching $6 per 100. Sadie Springer, Manhattan, Kan.

EIGHT COCKS AND COCKERELS, PURE Regal Dorcas White Wyandottes, price $2.50 and up. Special, 5 best $16.00. J. W. Heinrichsmeier, Columbus, Kan.

PARTRIDGE WYANDOTTES — LARGEST winners, grand champion Kansas, biggest show this season. Cockerels $5.00. Satisfaction guaranteed. F. R. Beery, Leavenworth, Kan.

WHITE WYANDOTTES, FISHEL'S DIrect. Pen headed by $25 male scoring 96. Cockerels $3, $5 on approval. Eggs 15, $3; 30, $5. Mrs. Alice Remington, Baldwin, Kan.

50 REGAL WHITE WYANDOTTE COCKerels, $3.00 to $5.00. Chicks 25-$7.00, 50-$12.00, 100-$20.00. Eggs, 15-$2.00, 50-$6.00, 100-$10.00. Satisfaction. North Willow Poultry Ranch, Coffeyville, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS, $6.00 PER 100. State certified. Mrs. J. F. Martin, Delavan, Kan.

COLUMBIAN WYANDOTTE EGGS, $1.50 per 15, postpaid. O. C. Sharits, Box M, Newton, Kan.

WHITE WYANDOTTE COCKERELS, $2.00; eggs $4.00 hundred. Sam Boyd, Route 2, Gardner, Kan.

CHOICE SILVER WYANDOTTE EGGS, $5 per 100, or $5.50 prepaid. Mrs. Ethel McHone, Almena, Kan.

SILVER LACED WYANDOTTE EGGS, $6.00 per 100. Todd's strain. C. C. Abercrombie, Barnard, Kan.

PURE BRED WHITE WYANDOTTE EGGS for sale. $2.00 for 15; $3.75 for 30; $10 for 100. Donald V. Ricketts, Fontana, Kan.

PRIZE WINNING REGAL STRAIN DIRECT White Wyandotte eggs and baby chicks. Send for booklet. Mrs. B. L. Carney, Marion, Kansas.

SKALICKY'S SILVER LACED WYANdottes, bred from prize winners. Eggs $7.00-100; chicks 18 cents. Fred Skalicky, Wilson, Kan.

WHITE WYANDOTTES, BARRON'S strain. World's greatest layers. Eggs 15-$2.00; 100 for $9.00. 60% hatch guaranteed. H. A. Dressier, Lebo, Kan.

SILVERLACED WYANDOTTE EGGS. CERtified stocks, $6.00-100. Special pens, winners at large shows, $3.50-15, $6.50-30, $10.00-50. Mrs. Geo. Phegley, Lincoln, Kan.

WHITE WYANDOTTE EGGS, $1.50 PER 15; $8.00 per 100. Martin-Keeler strain. Cockerels in use from blue ribbon stock. Pure white. Place orders now. E. J. Otto, Riley, Kansas.

WHITE WYANDOTTE POULTRY FARM. White chickens and a white deal. Eggs $6.00 per 100. Pen eggs, stock, baby chix, priced right. From winners and layers. Mrs. Albert Waterman, Peabody, Kan.

WHITE WYANDOTTE EGGS AND BABY chicks, $7.00 and $17.00 hundred, prepaid. Dorcas laying strain direct 1921 and 1922, culled by licensed judge. Satisfaction guaranteed. Chas. Kaiser, Miltonvale, Kan.

PRIZE WINNING STOCK WHITE WYANdottes. Extra winter layers, J. C. Fishel egg-a-day strain. Eggs $8.00 per hundred, $1.50 for fifteen. Also few cockerels $2.50. A. K. Hayden, Route 8, Lawrence, Kan.

WHITE WYANDOTTES — MARTIN AND Keeler strains direct; 30 eggs $3.50; 50-$4.00; 100-$7.00. Satisfaction and safe delivery guaranteed. Baby chicks 100-$20.00 prepaid. Garland Johnson, Mound City, Kan.

POULTRY SUPPLIES

NEWSOME'S ROUP CURE, PRICE $1.00 per bottle. Dr. Newsome, Hutchinson, Kan.

SOL HOT OIL BURNING BROODERS. Easily operated. Inexpensive. Circular free. Claude Post, Mound City, Kan.

MASTER BREEDER CHICK BOXES FOR shipping live chicks. Shipped from Lincoln stock at interesting prices. Schwarz Paper Co., Lincoln, Neb.

LOUSY HENS WON'T LAY. BUY "COLwell's Sure Death to Lice." $1.00 worth kills every louse and nit on 200 chickens for months to come. Order from Colwell's Hatchery, Smith Center, Kan.

POM'S GOLDEN WONDER GIVEN IN THE drinking water or food a few days each month rids fowls of lice. It's guaranteed. 1000 treated as easily as one, will not harm fowls, flesh or eggs. 50c and $1.00 sizes. Helps save baby chicks. At your druggist, I. A. Pommier Co., Topeka, Kan.

My Black Langshans are the best ever and I wish to place them before the best and greatest number of farmer readers. I know of no better way to do this than to put an ad in Kansas Farmer and Mail and Breeze. Run the enclosed ad four times.—W. T.

SEVERAL VARIETIES

68 VARIETIES FINE PURE BRED POULtry, stock, eggs, chicks. Large catalog 5c. A. A. Ziemer, Austin, Minn.

1949 COCKERELS, 49 VARIETIES. HATCHing eggs. Baby chicks. Free Book. Aye Bros., Blair, Neb. Box 5.

COCKERELS—TWO LIGHT BRAHMAS; also Plymouth Rock cockerels for sale. L. H. Gicke, Route 7, Topeka, Kan.

MANY VARIETIES PURE BRED POULtry, baby chicks and pigeons at low prices. 100-page book in colors describes them. Mailed for 5 cents. Frank Foy, Box 9, Clinton, Iowa.

PURE BRED COCKERELS AND PULLETS: Rocks, Reds, Wyandottes, Leghorns, Langshans, Brahmas, Orpingtons, Bantams, Ducks, shipped on approval. We pay return express. Shenandoah Poultry Farms, Shenandoah, Iowa.

Several Varieties—Eggs

HATCHING EGGS, FROM BRED-TO-LAY Rocks, Reds, Leghorns, Orpingtons. Satisfaction guaranteed. V. Taylor, Holton, Kan.

EXTRA QUALITY WHITE ROCKS, LIGHT Brahmas, R. C. White Minorcas, White Muscovy ducks, Wild Mallard ducks and Toulouse geese. Satisfaction guaranteed. B. B. Krehbiel, Moundridge, Kan.

POULTRY PRODUCTS WANTED

WRITE FOR CASH OFFER ON TURKEYS, chickens and eggs. We loan coops and cases free. "The Copes," 220 Kansas Ave., Topeka, Kan.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

New Use for Mouse Traps

The mouse trap has a new Government job. Finding English sparrows, which have been committing serious depredations on the immature corn and mungo beans growing in the experimental plats of the Federal Experiment Station at Honolulu, Hawaii, too wary to eat poisoned grain, the mouse trap was called into service.

In the corn plats, the traps are wired to partly-eaten ears. For bait a soft kernel is used. When the bird attempts to eat the innocent-looking bait, the trigger is released and the pilferer is caught by the head or neck. Death is instantaneous. For the mungo beans, the traps are also baited with soft corn and laid on the ground near the plants.

Sees Big Future for Spuds

Acreage devoted to the production of potatoes in the Arkansas River Valley in Kansas could be increased 100 times by the installation of irrigation plants and the crop revenue of the district increased many millions of dollars. That is the assertion of J. M. Hulpieu of Dodge City who operates a potato farm a few miles from town.

Potatoes in the Arkansas River Valley mature just after the Oklahoma crop and before the Kaw Valley potatoes are being dug, so that from a marketing point of view the situation is favorable. Ordinarily growers are likely to encounter a good demand which will tend to bring fair prices.

Last year, Mr. Hulpieu said, Arkansas Valley potatoes, in the face of a heavy over-production thruout the country, sold at an average of $1.10 a bushel. The production for 1921 was 164,000 bushels in the territory from Reno county to the west line of the state. The value of the crop was $229,000.

"The annual production in this region," said Mr. Hulpieu, "could very easily, thru irrigation, be increased to 16 million bushels worth 23 million dollars. We have been very successful with irrigation on our farm and have obtained a yield of 200 bushels an acre. Other farmers I know are doing as well. There is a great future for the potato industry in this valley if the farmers will take hold of it and specialize in tuber production."

Production of potatoes in the Arkansas River Valley by counties in 1921, was as follows:

	Bushels	Value
Reno	42,000	$ 58,000
Rice	25,000	34,000
Stafford	21,000	29,000
Barton	42,000	59,000
Edwards	4,000	5,000
Pawnee	12,000	17,000
Ford	15,000	22,000
Gray	(none reported)	
Finney	3,000	5,000
Kearny	(none reported)	
Hamilton	(none reported)	
Total	164,000	$229,000

To Improve Telephone Service

Farmers' Telephone Companies, Organization, Financing and Management, Farmers' Bulletin No. 1245, has just been issued by the Government. It should be in the hands of every person interested in the management of a farmers' co-operative telephone service. The bulletin may be obtained free on application to the United States Department of Agriculture, Washington, D. C.

Onion Appetites Grow

Ability of the United States to consume onions has caused growers in the Nile Valley of Egypt to look toward this country as the outlet for their spring crop and has induced Texas producers to increase their planting for the season, the United States Bureau of Agricultural Economics reported recently. During the month of January, the markets absorbed onions at the rate of 60 cars a day.

Winter No Terror to This Mother

Winter has no terrors for a hen belonging to Mrs. John Hays of Lenora. The other day the hen appeared in the yard with 15 downy chicks she had hatched from eggs concealed in the weeds. Mother and babies, at last reports, were doing fine.

A Cow-Testing Argument

A farmer sold a male calf for $35. Later its dam was tested for advanced registry. When the yearly record was completed, it was found that the cow produced more than 22,000 pounds of milk and 681 pounds of butter. Her next bull calf was sold for $300.

Write us about your local schools and how you think that they could be improved.

Don't Talk Poppies

BY J. EUGENE CHRISMAN

Poppies?
Not for me, buddy!
Buds o' Hell I'd call 'em,
Plain red hell—they—
They remind me—

And folks plant 'em around
Gardens—huh!
Says one old dame to me,
"Don't they bring back," says she
"The poppied fields of Flanders?"
"Poppied fields of—" Ain't that a heluva—
But who wants 'em brung back—huh?
Say, buddy,
If sh'd seen poppies
Like I've seen 'em—millions—acres—
Scattered thru the wheat-fields,
Red—and gettin' redder—mostly poppies—
Yeah—mostly!

Slim—my buddy—old scout
Slept under the same handkerchief,
Me 'n' Slim—clean thru from the word go!
I'm liable to forgit—ain't I—
Day we kicked off west o' Chateau-Thierry
Down the valley—
Poppies—say,
You couldn't rest for poppies.

Then the Jerries cut loose
Machine-gun fire—reg'lar sickle.
Poppy leaves—bits o' red
Flickin' and flutterin' in the wind.
Mowed 'em, buddy—and us—I'll tell the world!
Got old Slim—got him right!
Down in the poppies he goes—kickin'—clawin'!

Don't talk poppies to me—
Skunk-cabbage first—compree?
If you'd seen old Slim—
Boy, he died wallerin' in poppies!
Poppies—
Hell!

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) Route

(Town) (State)

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

The Real Estate Market Place

RATES
For Real Estate Advertising on This Page
45c a line per issue on 4 time orders.
50c a line per issue on 1 time orders.

There are 10 other Capper Publications that reach over two million 100,000 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 discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

REAL ESTATE

GROW ORANGES, Grape Fruit, Pecans, Truck, on the Gulf Coast. 5 to 20 acre tracts. $25.00 per acre and up. Address **Magnolia State Land Co., Iola, Kan.**

WE HAVE SOLD ONE SIDE of the Earth, and now starting on the other. The best bargains on earth. Write for booklet. **Simmons & McKinney, Cabool, Mo.**

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature. Mention state. **H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.**

YOUR OPPORTUNITY
Farms, business houses, and residences FOR SALE in the heart of the new COAL FIELD to be opened up soon in Southeast Kansas and Northern Oklahoma. For particulars write to **Clyde L. Tilton, Edna, Kan.**

THE GREAT NORTHERN RAILWAY HAS 8,000 miles of railroad in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. In this vast empire lands are cheap. Send for free book describing grain lands, dairying, fruit growing and stock raising. **E. C. Leedy, General Agricultural Development Agent, Dept. G, St. Paul, Minn.**

GOOD FARMS AND RANCHES, many well improved, located in North Dakota, Montana, and Western Canada, offered for quick sale at bargain prices. Wholesale or retail. Units of from 80 acres to 5000 acres. Near markets, schools, churches. Farms will never be as cheap again. Some fine money-making opportunities. Write for booklet giving descriptions, prices and terms. **Wells-Dickey Co., Dept. 14, Minneapolis, Minnesota.**

KANSAS

159 A. FARM, well improved, **Clyde Payne, Owner, Redfield, Kan., R. 1.**

CHASE CO. valley and upland farms $45 A. up. **E. F. McQuillen & Co., Strong City, Kan.**

NORTHEAST KAN. Bottom and upland farms. **Melvin Ward, Holton, Jackson Co., Kansas.**

WESTERN KANSAS land, cheap. Easy terms. Write **Jas. H. Little, LaCrosse, Kan.**

153 ACRES bottom land, (not overflow) improved, $1500 down or more. **Box 662, Owner, Burlington, Kansas.**

80 ACRES, 3½ miles Ottawa, improved. Only $7000.00. Big bargain. Come at once. **Mansfield Land Co., Ottawa, Kan.**

320 SMOOTH fine farm, well improved, fine location, $47.50 acre; terms to suit. **Mansfield Investment & Realty Co., Healy, Kan.**

CORN, WHEAT AND ALFALFA land, city property and suburban homes. Send for list. **T. B. Godsey, Emporia, Kansas.**

HALF SECTION choice Sherman county unimproved land 8 mi. north of Goodland, Kan. **E. B. Greiger, Goodland, Kansas.**

A Cure for Divorce Disease

After having heard thousands of divorce actions, Judge Walter P. Steffen, of the superior court of Chicago has given out a list of 10 commandments for married people.

According to the judge, if these are not broken by either wife or husband there will be no basis for divorce proceedings. The commandments follow:

I—Avoid the first quarrel.
II—Don't argue, nag or find fault.
III—"Ours" and not "mine" should be the home pronoun.
IV—Let there be no boss rule.
V—Confine your intimacies to yourself. Don't share them with your friends.
VI—Don't live with your in-laws.
VII—A little love and affection will prevent petty quarrels.
VIII—Husbands must keep in mind that running the household is a tough, tiresome job. Be considerate and overlook the wife's nerves.
IX—Keep respect for each other.
X—Protect the home with love insurance by having as many children as possible.

Our Best Three Offers

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

What was your worst mistake in farming in 1922 and how could it have been avoided? We would like to have a number of our readers write us on this subject.

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

IMPROVED 160 A. 1 mile from town. ½ under cult., bal. grass; good water, $6500. Part cash. **J. D. Brabb, Codell, Kansas.**

270 A. CREEK BOTTOM Stock Farm; 8 rm. modern elec. lighted house and barns. Est. hog business. Great bargain. **L. N. Tryon, Burlington, Kansas.**

80 A. $50 PER A., 120 A. $75 per A., 160 A. $60 per A., 160 A. $75 per A. All good imp. farms, extra good terms. **Spangler Land Co., Ottawa, Kan.**

80 ACRES IMPROVED. $65 per acre. $1,000 cash. 160 acres improved, $67.50 per acre. $1,000 cash. **The Allen County Investment Co., Iola, Kansas.**

80 ACRES, 1 mile town, 30 acres bottom land. Fair house, good barn. Price only $5000. If you want to buy any kind of a farm write **Fred Symes, Harveyville, Kan.**

FOR SALE EIGHT CHOICE SECTIONS Wallace County, Kan., one to three miles of Weskan. Agents wanted. **C. E. Mitchem, Harvard, Illinois**

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. **Silas D. Warner, 121½ Commercial St., Atchison, Kansas.**

WELL IMPROVED 80-acre farm near Topeka, $10,000, $1,000 down, balance like rent; 30 acres Kaw bottom well improved, near Topeka, $15,000, good terms. **O. M. Elliott, 425 Kan. Ave., Topeka, Kan.**

BUY OF OWNER, paying garage, oil station, theater, general trucking and ice business. Valuable contracts. Fine for partners or large family, $6000 cash. No trade. Off market March 1. **Sharp, Hunnewell, Ks.**

560 ACRES 55 alfalfa, 175 cultivation, balance pasture and timber; new 8-room house, basement, good barn, never failing water. Priced to sell. Write owner **J. J. Birkett, Reece Kan.**

160 A., WELL IMP., 3 mi. out, $125 per A. 80 A. Imp. 20 A. wheat, 7 mi. out, $125 per A. 58 A. fruit farm, 7 mi. out, imp. $4500, terms. Other bargains. **Clark & McAnarney, Paola, Kan.**

REAL ESTATE and loan business in the best town in Western Kansas for sale, on account of poor health, am leaving western Kansas. Loans made me $500.00 in January. For further information address **J. F. C. % Mail and Breeze.**

WANTED, 1 or 2 honest and ambitious single men to rent furnished farm with cattle, horses, hogs. With or without board. Must have some cash to put in as guarantee of good faith. No sports need apply. Good reference required. **John Bygren, Weskan, Ks.**

240 ACRES LEVEL PRAIRIE LAND in Riley county, 150 A. in wheat, balance in cultivation; good improvements, good stockyards. Price $150 per acre. Write for information. **F. O. Clark, 725 Houston St., Manhattan, Kansas.**

50 ACRES, modern home, 2½ miles of Ottawa, Kansas, 20 acres choice alfalfa land, 30 acres pasture, county highway, close to high school and college; good terms and possession March 1. **Ottawa Realty Company, Ottawa, Kansas**

COMBINATION FARM
480 acres, Eastern Kansas; rich black dirt, 120 growing wheat; plenty water; large improvements; $85 per acre; it's worth $125 today; easy terms; possession. **Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.**

ARKANSAS

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write **M. Decker, Norfork, Ark.**

FOR SALE—Twenty-acre tracts near Pine Bluff, Ark. No low wet land; only $500 with $20 cash and $10 per month. Write for plat. **McGehee Realty Company, Pine Bluff, Ark.**

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

COLORADO

IMPROVED 320 well watered, alfalfa, beet, potato land. Trade. $4,000 wil handle. 6%. Owner, **625 Santa Fe, Denver, Colo.**

PARTIES DESIRING STOCK RANCH with running water in open range or good smooth wheat land will do well to write **Steve Canfield, Holly, Colo.**

IRRIGATED CROPS NEVER FAIL
125 A. well improved. 82½ A. irrigated. 50 A. alfalfa, $27,000.
80 A. full water right, ¾ in alfalfa. $22,500.
115 A. improved, full water right, $10,000.
40 A. full water right. Fine improvements. $325 per A.
40 A. improved. Full water, $8,000.
160 A. full water. Very finest improvements. All cultivated. To close estate, $20,000.
166 A. improved. Excellent water right. $32,000.
These lands are the very best in Colorado and are priced for cash. Write me for particulars and terms.
Will Keen, Realtor, Pueblo, Colorado.

COLORADO

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. **C. E. Mitchem, Harvard, Illinois**

TO CLOSE AN ESTATE
We are offering for sale about 30,000 acres of land, both irrigated and dry, close to Denver, under good water rights, at prices and on terms which can not be secured from individual owners. Good roads, schools and close to market, within driving distance of Denver Stock Yards. Will sell in any sized tract to suit, and take good, negotiable paper to apply on purchase. Write us particulars of what you want. We can satisfy you. **CHICAGO TITLE AND TRUST COMPANY, as Trustee, Ideal Bldg., Denver, Colo.**

CALIFORNIA

IF YOU WANT to live in California write **Kings County Chamber of Commerce, Hanford, California,** for free booklets.

MISSOURI

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.**

MISSOURI LAND BARGAINS—Send for free list. **Box 198, Mount Vernon, Ill.**

FOR TRADE, income property for Colo. land. **Box 121, Edina, Mo.**

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.**

DO YOU WANT A HOME in a mild, healthy climate where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms $20 to $50 acre. **Frank M. Hamel, Marshfield, Mo.**

FOR SALE, farm containing 165 acres, 100 acres cultivation, 2 sets of buildings, excellent water supply. No incumbrances, 4½ miles of good R. R. town. Good stock and grain farm. **D. C. Oliver, Eolia, Mo.**

FOR SALE—40 A. in Taney county, Mo. All fenced, five miles from Branson, Mo., half mile to good school, half mile to Lake Taneycomo; four room house, sleeping porch, good well and spring. For particulars write to **L. A. Le Faivre, Branson, Mo.**

OKLAHOMA

GOOD 160 FARM one mile from town. 100 acres fine level land in cultivation, balance pasture; some timber; no buildings. This will make you a good farm home. Price $4200—$1000 cash and 5 years on balance. **Perry DeFord, Watonga, Okla.**

MARYLAND

MOVE TO A FARM close to the World's big markets and get big prices for products. Sunny Southern Maryland offers land at reasonable prices. Gen. Farming, trucking, fruit, poultry, stock. Good roads, schools. Write today for information. (No fees). **Southern Maryland Immigration Commission, College Park, Md. (Official State Agency)**

WISCONSIN

$100 DOWN, balance ten years, pays itself choicest Wisconsin for home. Big market, sure crops, grain, clover, fruit, garden, dairy. No drough, sand, swamp, rock. Free fuel. Health, pure water. Write now. Owner **Loveland, Plymouth Bld. Minneapolis, Minn.**

WYOMING

WYOMING AGENCY, dry and irrigated ranches, chicken, dairy and stock farms. Homestead relinquishments cheap. Trades, city lots, stores, summer homes, 16 mi. mountains. **Licensed and Bonded Dealer, Glendo, Wyo.**

TEXAS

TWO DOLLARS PER ACRE CASH, and $2.00 yearly for 19 years gets fine unimproved black loam land. Will improve if desired. **Farm Department, S. A. & A. P. Ry., San Antonio, Texas.**

ORANGE AND GRAPE FRUIT LAND LARGE OR SMALL acreages. For three years one man has averaged $1,500.00 per acre. Ask about donation of four 20-acre tracts to parties who will put in orange grove. **Immigration Department, S. A. & A. P. Ry., San Antonio, Texas.**

SALE OR EXCHANGE

COLORADO LAND—Sale or trade. **Gust Westman, Flagler, Colorado.**

GOOD improved quarter for sale or trade. Harper Co., Kan. **Box 125, Corwin, Kan.**

TRADES—What have you? List free. **Bersie Farm Agency, El Dorado, Kansas.**

GOOD improved farm for sale or trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

IMP. 240 A. valley and creek bottom, close to town and school, will sell or exchange for land west. Owner **Bx 45, Vining, Kan.**

FOR SALE or trade highly imp. 80 A. irrigated farm. Big Horn Basin, Govt. System, no crop failures, want Kan, Neb. farm, goods, or garage. **John Wheeler, Powell, Wyo.**

MODERN HOME, Harper, Kan., 200 ft. by 330 ft., 2 blks. Christian College; old shade, fruit. Ideal home, priced right. Write owner. Will exchange for Wichita property. **A. G. Washbon, Wichita, Kansas.**

STEADY INCOME, $4,500 yearly, 6-apartment, 5 rooms and bath each, back and front porches, brick construction, marble and tile bath, oak finish. Want ranch. **Mansfield Land & Loan Co., Lawrence, Kan.**

REAL ESTATE WANTED

FARM WANTED—Give description, cash price. **R. E. Leaderbrand, Cimarron, Kan.**

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. **Central Land Bureau, New Franklin, Mo.**

CASH YOUR PROPERTY QUICKLY. Location immaterial Give best price. **Universal Sales Agency, Box 43, N. Topeka, Kans.**

CASH BUYERS want Kan. and Colo. farms, spring delivery. Don't wait, write now. **R. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.**

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. **John J. Black, Capper St., Chippewa Falls, Wis.**

FARMS WANTED. Sell your farm quick for cash. New method, small expense. **Weaver Sales Co. Congress Bldg. Dept. 4, Detroit, Mich.**

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. **Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.**

FOR RENT OR EXCHANGE

RENT OR TRADE, 160 A. improved. Close in. **C. Shomber, 3233 Vallejo, Denver, Colo.**

FOR RENT

FOR RENT: Improved 160 acres. Altoona 7 miles. 110 Good cultivated land. Owner **John Deer, Neodesha, Kansas**

LOANS AND MORTGAGES

Farm AND Ranch Loans

Kansas and Oklahoma
Lowest Current Rate
Quick Service. Liberal Option.
Interest Annual or Semi-Annual.
THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL & BREEZE
Topeka, Kansas

RATES
50c a line for 1 time
45c a line per issue on 4 time orders

Enclose find $..... Run ad written below ..... times.

Name. . . . . .

Address. . . . . .

COPY

Six ordinary length words make a line.

A11204 974977

Closz-Bradford Holstein Dispersal Sale

At the State Fair Grounds,

Des Moines, Iowa, March 7-8

There will be 100 females and 10 bulls sold

This is a complete dispersion of the famous Sunny Brook herd of Holsteins, owned by Closz Bros., Webster City, Iowa, and the B. L. Bradford herd of Estherville, Iowa.

The Sunny Brook Holstein herd of Webster City consists of 60 head of some of the choicest foundation families of the breed. Their foundation cows were selected from the best herds in the middle west, and from the most popular blood lines. Such noted Holstein families as the Ormsbys, Homesteads, Colanthas, De Kols, and Pontiacs will be found in this herd. If you are looking for cows with large records that are heavy producers, you will find them in this herd. If you are looking for show type and the best of individuality you will also find it here. Few if any herds in the country can show a stronger herd for type than this herd. The Closz Bros. have used good sires in building up their herd. The senior sire is a son of King Segis Johanna Ormsby the famous Galloway bull. On his daughters they selected for their junior sire K. P. O. P. 27th, one of the best individual sons of K. P. O. P., the famous Hargrove & Arnold sire. The four nearest dams of this young bull average just a few pounds under 1200 pounds of butter for yearly production. He is without question one of the most valuable young sires of the breed. His first calves are coming and all of the great foundation cows will be bred to him. This great young bull will be sold also.

The B. L. Bradford herd consists of 40 head, the foundation cows of which were selected from the Hargrove & Arnold herd. They also have been using a good son of K. P. O. P. and a large part of their herd will consist of K. P. O. P. breeding.

Hargrove & Arnold will consign 10 head of their best foundation females. Some of their large record cows that are heavy in calf to K. P. O. P. will be sold. If you need a herd sire in the future it might be well to buy one of these great cows, and if you were lucky enough to get a bull, he would be worth more than you pay for the cows. This is without question the choicest lot of Holsteins ever offered in public sale in the middle west. Remember that it is a dispersion sale and you will have the chance to buy the best that they have as well as some that are not so good. The breeders who are selling these cattle are responsible men and everything sold is fully guaranteed. For more information and for catalog write to

Hargrove & Arnold, Sales Managers, Norwalk, Iowa

The Last Call for the Complete Dispersal Sale

of heavy producing registered Holstein cattle. At Mule Sale Barn

Parsons, Kan., Wednesday, Feb. 28

75 HEAD OF REGISTERED CATTLE

40 Cows, good producers, several from 60 to 80 lbs. a day. 35 fancy heifers, daughters of these cows.

Herd Sires: King Korndyke Artis Keyes, whose dam was former champion cow of Canada, with records of 43.05 lbs. butter at 6 yrs. and 34.66 lbs. at 3½ years. Sire's dam, record of 112 lbs. of milk a day for 7 days and 100 lbs. milk for 30 days. **Cedar Lane Sarcastic Pontiac,** whose dam produced 23,335 lbs. milk and 975 lbs of butter.

A. R. Taylor, Farmer, J. P. Halsell, Dairyman, Owners

Write for catalog today.

W. H. Mott, Sales Manager, Herington, Kansas

King Korndyke Artis Keyes

A bull of remarkable breeding heads our herd. His dam, Dutchland Lakeview Artis, was the champion cow of Canada with a record of 34.66 pounds of butter in seven days at three and a half years and 43.05 pounds of butter in seven days at six years old. His sire's dam, the great Lula Keyes of Canada had an R. O. M. record of 112 pounds of milk per day for seven days and a 100 pounds of milk for 30 days. We have four of his bull calves in the sale out of high producing cows. All our cows are bred to him, several producing from 60 to 80 pounds of milk and having tests of 4, 4.2, 4.4 and 4.8 per cent butter fat. I have 10 of his daughters. **Come to our dispersal sale at Parsons, Feb. 28.**

J. P. Halsell, Parsons, Kansas

HOLSTEIN CATTLE

Shungavalley Holsteins

Bulls up to 7 mos. of age, from high record cows, both in short and long time test. Some from our Sr. Konigen herd sire and some from Konigen daughters and sired by our junior herd sire, whose dam holds State record for butter for a year as a junior 3-year-old and was 6th in the U. S. last year. This is the best lot of bulls we ever raised both in individuality and production.

IRA ROMIG & SONS, TOPEKA, KAN.

Registered Holstein Cows and Heifers

Twelve A. R. O. cows, five bred heifers, also two young bulls for sale, sired by and bred to highest record bulls in Kansas. Prices very reasonable.

R. E. STUEWE, ALMA, KANSAS

Bonaccord Holsteins Are Productive

They are large, prolific, pure bred and desirable. Our herd is multiplying so fast we must sell something. Herd federal accredited. Write us your wants. We believe we can please you.

LOUIS KOENIG, SOLOMON, KAN.

When writing advertisers mention this paper

HOLSTEIN CATTLE

Mott's Holstein Sale Calendar

Feb. 23—Hostetter E. Engle, Abilene, Kan.
Mar. 13—Breeders' sale, Norton, Kan.
Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.
April 17—W. H. England, Ponca City, Okla.
Nov. 15—Kansas Association sale, Wichita, Kan.
If you want to buy write to Mott
If you want to sell write to Mott

Address W. H. Mott, Herington, Kansas.

Ewing's Cows, Heifers and Bulls

Young cows, fresh or to freshen soon. Semi-official records. All have good A. R. O. backing. Yearling bull out of state record dam (20753.9 lb. milk, 805.57 lb. butter as 4 yr. old in one yr.) Baby bulls, one out of state record cow, Lillian Korndyke Sarcastic.

T. M. EWING, INDEPENDENCE, KAN.

When writing advertisers mention this paper

What's New in Livestock

BY FIELDMEN AND REPORTERS

RECENTLY at a meeting called in Washington, by the Chief of the Dairy Division, United States Department of Agriculture, representatives of five dairy cattle breed associations agreed to make special efforts to suppress destructive rivalry and to work together in every way possible to develop the dairy industry and particularly the purebred dairy cattle business. The breeds represented were the Ayrshire, Brown Swiss, Guernsey, Holstein-Friesian, and Jersey. More than 20 representatives were present from various parts of the country, including the presidents of four of the breed associations and the secretaries of all five.

Resolutions passed at the conference called attention to the need for more widespread testing for production records among breeders of purebred cattle; means of causing a wider distribution of purebred cattle; the recognition in counties and states of superior sires; rules governing sales of purebred cattle; means for lowering the cost of recording animals in herd books; supervision of production records; means of making the showing of cattle at fairs more educational to farmers and other visitors; rules governing public sales; scope of the work of field representatives of breed associations; and other subjects concerning the conduct of breed associations and the furthering of the interests of purebred dairy cattle. The need of more support for tuberculosis eradication by the area method was also emphasized.

Horses in Greater Demand

Increased horse sales are reported from the 67 principal horse and mule markets of the United States. Reports just issued by the United States Department of Agriculture show that in 1921 there were 317,445 horses and mules handled at these markets and in 1922 the number increased to 442,646, making a gain of 39.4 per cent.

While largest gains were made in Southern and Southwestern states, a big increase is reported from Pittsburgh, where the number of horses sold was more than doubled. In Memphis, sales for December alone were 9,167, an increase of 7,761 over December sales in 1921. December sales in East St. Louis, the largest horse and mule market in the country, showed an increase of more than 5,000.

Other markets showing healthy gains were Amarillo, Oklahoma City and Fort Worth, Tex.; Atlanta, Ga.; Baltimore, Md.; Cincinnati, Ohio; Indianapolis, Ind.; Lancaster, Pa.; Louisville, Ky.; Montgomery, Ala.; North Salt Lake and Ogden, Utah; Omaha, Neb.; Richmond, Va.; St. Joseph, Mo.; and Wichita, Kan. The Chicago Union Stock Yards, which handles more of the very heavy draft horses than any other market, received 31,689 head during the year 1922.

Duroc and Poland Litters Largest

A recent report on Capper Pig Club work in Missouri classified by breeds, the litter production as to number of pigs and pounds of pork, Durocs showed the highest average number to the litter. This average was seven and three tenths pigs. Duroc litters averaged a net profit of $161 and a gross pork production of 1,450 pounds. Polands showed $120 net profit and 1,490 pounds of pork. Spotted Poland litters averaged seven pigs, $167 profit and 1,430 pounds. Hampshire litters averaged seven pigs, $151 and 1,025 pounds of pork.

Of course in feeding and keeping records on only one litter, so many local conditions are likely to exert an influence, that too great importance should not be attached to the profit figures.

The Hemphill-Breen Holstein Sale

The Hemphill-Breen Holstein sale held at Des Moines, Ia., February 6 and 7 was one of the successful Holstein sales of the season. The 60 head catalogued sold for $12,920, with a top of $690. With the exception of four head purchased by O. L. Ward of Waco, Tex., the entire offering was taken by Iowa buyers.

HOLSTEIN CATTLE

For Sale—Foundation Herd

6 cows and bull, all Reg. and T. B. tested. Not the cheapest but the best.

C. L. PATTON, M. D., OLPE, KANSAS.

BRAEBURN HOLSTEINS. Only young bull calves, and two cows, or heifers.

H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

JERSEY CATTLE

Yearling Jersey Bull For Sale

His dam is a state champion silver medal cow for production, also a prize winner at the state fairs. His sire is from a double gold medal cow with a record of 959.1 lbs. of butter 85% fat. He is well grown and a show bull, solid dark fawn. If you are looking for a real sire don't overlook this one. Also have bulls from baby calves up. All from R. of M. cows. Herd Federal accredited. For prices and description, write

CHAS. R. GILLILAND, Rt. 1, MAYETTA, KAN.

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 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

DO YOU WANT JERSEYS?

If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy when writing. No commission charge to buyer.

KANSAS JERSEY CATTLE CLUB
R. A. Gilliland, Secretary, Denison, Kansas.

PRINCESS RALEIGH-POGIS BEAUTIFUL A. A. 517 lbs. fat 327 days, solid yearling bull $100. Other Pogis Irene calves $20 to $50. F. Scherman, Route 7, Topeka, Kan.

Jackson County Jerseys

Reg. Jerseys, all ages, either sex. Prices reasonable. Jackson Co. Jersey Club, W. R. Linton, Sec., Denison, Ks.

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad. J. G. Condon, Hiawatha, Kansas.

AYRSHIRE CATTLE

Ayrshires

Increase butter-fat and improve conformation of your herd by use of straightback, level lined bull calves from high producing advanced registry dams and sires. Sales list on request.

DAVID C. PAGE, TOPEKA, KANSAS

ROBT. CAMPBELL'S AYRSHIRES

Breeders interested in buying young Ayrshire bulls are invited to ask for particulars. We have Jean Armour and Howie's Dairy King, etc. breeding. Address

ROBT. P. CAMPBELL, ATTICA, KANSAS

Missouri Purebred Buyers

Have come more into Kansas the past five years than for fifty years before. If you have the goods you can interest them. One big reason is the fact that all Missouri railroads lead to Kansas City, the gateway to this state. But you must use

The Missouri Ruralist

to reach the largest possible number of prospective buyers at lowest cost in proportion to service. It has about four times the circulation of the next largest Missouri farm paper and is read on 100 times as many Missouri farms as the average of the breed papers. No advertising starts to "cover" Missouri on a livestock basis, unless it includes the Missouri Ruralist. Ask John W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

WHERE TO WRITE OR TELEPHONE

About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal:

John W. Johnson, fieldman for northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, fieldman for southern Kansas, 427 Pattie Ave., Wichita, Kan.

Stuart T. Morse, fieldman for Oklahoma, 631 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, fieldman for northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, fieldman for southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, fieldman for southern Nebraska, 227 South 13th St., Lincoln, Neb.

R. A. McCartney, fieldman for northern Nebraska, 227 South 13th St., Lincoln, Neb.

W. J. Cody, officer manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue.

Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE,
Capper Farm Press, Topeka, Kansas.

Business and Markets

(Continued from Page 28)

Hides—No. 1 green salted hides, 11c a pound; No. 2 hides, 10c; side brands, 8c; salted bulls, 8c; salted glue, 5c; green salted horse hides, large, $4.50; medium, $4; small, $3.50; pony, $2.50; hog skins, 10 to 20c; dry flint, 15 to 16c; sheep pelts, dry, full wooled, 25c a pound; sheep pelts, green salted, 25c to $1.50 each; full wooled Angora goats, 25 to 35c; common goats, 15 to 25c; No. 1 tallow, 6c; No. 2 tallow, 5c.

Wool—Missouri and similar, bright medium, three-eighths blood, 40 to 42c; bright medium, quarter blood, 38 to 40c. Kansas, Nebraska and Oklahoma bright medium, 35 to 37c; dark medium, 30c; light fine, 36 to 38c; heavy fine, 25 to 30c; burry, short and earthy at usual reductions. Colorado, New Mexico, Utah and Texas, light fine, good staple, 35c. Mohair, 12 months, clear of burrs, 30 to 40c; burry, short, and common at usual reductions.

Dairy and Poultry Unchanged

Prices for poultry, butter and eggs at Kansas City are unchanged, and the following quotations are given:

Eggs—Firsts, 31c a dozen; seconds, 25c; selected case lots, 37c.

Live Poultry—Hens, 21c a pound; broilers, 32c; springs, 25c; stags, 12c; roosters, 10c; capons, 23 to 25c; turkey hens, 25c; old toms, 19 to 20c; geese, 13c; ducks, 16c.

Butter—Creamery, extra in cartons, 53 to 54c a pound; packing butter, 28c; No. 1 butterfat, 48c; No. 2 butterfat, 45c.

Cheese—Longhorn, 27c a pound; Daisies, 26¼c; Flats, 27¼c; Limburger, 29c; New York Cheddars, 31c; imported Swiss, 47c.

Small Rises in Grain

Despite the unfavorable crop reports no big advance took place in the grain market on account of the limited export demand. Wheat futures show slight advances. Corn futures first advanced but heavy receipts of grain subsequently turned the market down and declines of 1⅛ to 1½ cents resulted.

The following quotations on grain futures are given at Kansas City: May wheat, $1.12; July wheat, $1.08; September wheat, $1.07; May corn, 71⅞c; July corn, 73¼c; September corn, 77½c; May oats, 44⅞c.

Late Cash Quotations

Hard wheat at Kansas City is unchanged to 1 cent higher. Dark hard and red wheat are in demand but are unchanged in price. The following quotations are given at Kansas City on cash sales:

No. 1 dark hard wheat, $1.19 to $1.26; No. 2 dark hard, $1.19 to $1.25; No. 3 dark hard, $1.19 to $1.25; No. 4 dark hard, $1.18 to $1.24.

No. 1 hard wheat, $1.14 to $1.23; No. 2 hard, $1.13 to $1.23; No. 3 hard, $1.12 to $1.22; No. 4 hard, $1.11 to $1.21; No. 5 hard, $1.10 to $1.14.

No. 1 red wheat, $1.28 to $1.31; No. 2 red, $1.28 to $1.31; No. 3 red, $1.22 to $1.28; No. 4 red, $1.16 to $1.24.

No. 3 mixed wheat, $1.17 to $1.23; No. 4 mixed, $1.18; sample mixed, 93c.

Corn and Other Cereals

Corn is unchanged to ½ cent higher. Oats are unchanged while kafir and milo are reported 1 cent higher. The following quotations are given at Kansas City:

No. 2 white corn, 71 to 71½c; No. 3 white, 70 to 71c; No. 4 white, 70 to 70½c; No. 2 yellow corn, 71½c; No. 3 yellow, 70 to 71c; No. 4 yellow, 70 to 70½c; No. 2 mixed corn, 70½c; No. 3 mixed, 70c; No. 4 mixed, 69½c.

No. 2 white oats, 45 to 46c; No. 3 white, 44 to 44½c; No. 4 white, 43½ to 44c; No. 2 mixed oats, 45 to 46c; No. 3 mixed, 43½ to 44c; No. 2 red oats, 53 to 70c; No. 3 red, 49 to 67c; No. 4 red, 43 to 55c.

No. 2 white kafir, $1.60 a cwt.; No. 3 white, $1.60; No. 4 white, $1.58 to $1.59; No. 2 milo, $1.75; No. 3 milo, $1.73 to $1.74; No. 4 milo, $1.72 to $1.73.

No. 2 rye, 80c a bushel; No. 3 barley, 60 to 61c; No. 4 barley, 59 to 60c.

Millfeed Trade Quiet

The millfeed trade remains quiet and shows but little change. The following quotations are reported at Kansas City:

Bran, $1.40 a cwt.; gray shorts, $1.50 to $1.55; brown shorts, $1.40 to

Hereford Breeders of Kansas

Our Foundation Stock
Came from the noted Pickering Farms and from the Wm. Acker herd. Herd headed by Beau Avondale 9th, sire by Prince Rupert 8th, dam by Bonnie Brae 8th. Lord Dandy, sire by Beau Picture, dam by Beau Dandy. Some good young bulls for sale.
VAVROCH BROS., OBERLIN, KANSAS

Mc Mischief, Son of Beau Mischief
and 40 splendid herd cows of fashionable blood lines is the foundation I am building on. Just choice bulls for sale from 12 to 24 months old. Also Poland China hogs of quality and breeding. Write for further information. Address
J. R. Houston, Gem, Kan., Thomas County

Elmdale Farm Herefords
125 excellent Herefords in our herd. Herd bulls: Beau Stanway by Choice Stanway; Beau Delightful by Beau Victorious. Choice bulls and heifers for sale.
JANSONIUS BROS., Prairie View, Kansas.

SOLOMON VALLEY HEREFORD FARM
In service, Doctor Mischief 3rd, by Doctor Domino by Domino, and out of a Beau Mischief dam. 75 head in the herd. For sale: 10 large yearling heifers, good. They are open but of breeding age. Nice crop of young bulls.
FRED TETLOW, Downs, Kan.

THE BLOOD OF BONNIE BRAE
Excelled in recent shows. Anxiety and modern blood lines. Some choice yearling and 2-year-old heifers. Some choice young bulls. Address,
Naber Bros., Basehor, Ks., Leavenworth Co.

Klaus Bros. Show and Breeding Herd
Herd headed by Beau Onward 86th. Ten yearling heifers by Beau Onward 19. Always headquarters for herd bull material and Herefords of quality. Address
KLAUS BROS., Bendena, Kan.

Latham Fairfax—Woodford Lad
200 Herefords in our herd. For sale: Two or three choice 2-year-old bulls; 20 yearling bulls; bred cows and heifers and yearling heifers up to a car load. Come and see our herd—write for descriptions and prices.
S. W. TILLEY & SONS, Irving, Kan.

Hereford Park Herefords
Young bulls up to 2 yrs. old, linebred Anxiety. Herd bulls in service, Sir Stanway, a double Domino and Bright Stanway; Matador, a Beau Beauty and Beau Brummel 10th bred bull. My cows are all of Anxiety breeding. J. F. SEDLACEK, BLUE RAPIDS, KAN.

Blue Valley Herefords
25 Reg. Hereford bulls, 8 to 22 months, $65.00 to $125.00 delivered any station in Kansas. 12 head coming two-year-old heifers and 1 bull, $875.00. Two herd bulls, one 2 years, one 4 years.
COTTRELL & MONTAGUE, IRVING, KAN.

1886—1923
Steeleway Herefords
Barnes, Kansas

60 Extra Hereford Bulls
Selections from 100 head. Large, heavy bone, weighing 1150 in just fair condition. Yearlings past and good ones. Priced right.
MILTONVALE CATTLE COMPANY,
W. H. Schroyer, Manager, Miltonvale, Kan.

Anxiety 4th Herefords
Sires in Service, Lord Stanway by Bright Stanway. Alex Mischief, grandson of Beau Mischief. Cattle for sale of both sexes at all times.
J. H. Miller, Woodston, Kan., Rooks County

Mischief Donald by Beau Mischief
125 head in the herd. A strong herd of breeding cows, many of them by Repeater 7th. Bred cows and heifers for sale and some very choice young bulls of serviceable ages. Address,
FRANK HUG & SONS, Scranton, Kan., Osage Co.

Sixty 2-Year-Old Heifers, Bred
Sired by Sir Dare and Domineer 566433. Bred to Don Balboa 596021 and Domineer 566433. Choice stock, priced to sell. Also 20 yearling heifers and 100 cows, same breeding. Farm 1½ miles west city limits on West 6th and 10th St. roads.
LEE BROS., Topeka, Kan.

SYLVAN PARK STOCK FARM
Fairfax-Anxiety Herefords headed by Stephen Fairfax and Quinto by old Domino. Herd bull material. A car load of yearling bulls. Bred cows and heifers. Also Spotted Polands.
Miller & Manning, Council Grove, Kan.

Maple Shade Hereford Farm
Offers 10 head choice yearling heifers. Good quality, popular breeding, priced right.
Fred O. Peterson, Route 5, Lawrence, Kan.

Sires That Have Influenced Kansas Herds—10



Prime Lad, Sire of Prime Lad 9th and Founder of the Family, As Champion At the St. Louis World's Fair

PRIME LAD 9TH 213963

On September 28, 1904 the cow Leonora, bred and owned by W. S. Van Natta, dropped a bull calf sired by Prime Lad 108911, that was destined to be one of the greatest Hereford bulls. His sire, Prime Lad, was grand champion bull at the International in 1903 and at the Louisiana Purchase Exposition of 1904. His dam, Leonora, was by Imp. March On, and out of the famous cow Lorna Doone, whose show record is almost a duplicate of that of Prime Lad during 1903 and 1904.

Prime Lad 9th made his initial appearance in the show ring at Des Moines in 1905, as a senior calf, where he was defeated by Bonnie Brae 3rd, but the Prime Lad bull more than overcame that set back and finished the season by winning in his class at the American Royal and being made junior champion at the International. Prime Lad 9th achieved premier honors over his old foe and Perfection Fairfax, as well. In 1909 he won senior championship.

During 1910 Prime Lad 9th again led, having played a leading role in the Hereford battle front for a period of six consecutive years, which alone speaks for his wonderful constitution and vitality. In 1911 Prime Lad 9th, spoken of by many as a "model" and often described as a "marvel of massiveness, rotundity and thickness, on short, fine-boned legs," made his last appearance in the show ring at the American Royal in 1911, winning fifth, the lowest rating received in seven years' campaigning.

As a sire, Prime Lad 9th, like some other great show bulls was handicapped. Keeping constantly in show condition interfered with breeding. During his use in the Van Natta herd he sired only sixty head, of which there are definite records. When due to the death of W. S. Van Natta, the herd was dispersed, Prime Lad 9th went to N. J. Mosley and Sons of Vienna, Illinois, for $775, and in that herd sired over 100 calves, many of which were retained in the herd.

Whittenberg Brothers, also of Vienna, Illinois, bought Prime Lad 9th in December 1914, and used him to a limited extent until sold to Ragsdale Brothers, Buncome, Illinois in September 1916, where he died the following year at the age of thirteen.

Prime Lad 9th calves appeared in the Van Natta show herds of 1910 and 1911, doing justice to both themselves and their sire, but the sale soon after put an end to their showing and we hear little of his "get" after that time. Several of his sons have done well at the head of good herds. There is no telling what this great bull might have left behind him had he been retired from the show ring early and used more extensively in the breeding herd.—D. L. Mackintosh.

No Richer Breeding Exists
among the descendants of Anxiety 4th than that carried by DON ACTOR 501941, senior herd sire of Gilmorelands. Cow herd made up of granddaughters of Beau Dandy, Beaumont, Bright Stanway, Prince Rupert 8th, Dale and Brigadier. Yearling bulls for sale. $125 up.
GILMORELANDS, FREDONIA, KAN.

5 Bulls Ready for Service
By Battle Mischief by Beau Mischief, and Pretty Stanway, bred back five generations by Gudgell & Simpson. Splendid young cows and heifers by Battle Mischief and bred to Pretty Stanway priced reasonable.
GORDON & HAMILTON, HORTON, KAN.

Open or Bred Heifers
and Nadine's Dandy, calved May 6, 1921, by a grandson of Beau Dandy and out of a granddaughter of Beau Brummel 3rd. Write us at once.
ELMER DUKELOW, HUTCHINSON, KAN.

Cows, Heifers and Bulls
Some cows are granddaughters of Lamplighter, a number with calves at side, 2-year-old and yearling heifers and bulls. Main sire BEAU BALTIMORE 13th.
JOHN CONDELL, ELDORADO, KANSAS

75 Closely Bred Anxiety Females
Cows, 2-year-olds, yearlings by or bred to present herd sire, Modest Domino Jr. and Echo Lad 85th. Serviceable aged bulls.
Lone Tree Ranch, K. R. Garver, Attica, Kan.

Hazford Place Modern Herefords
Breeding stock, all ages and classes by and out of our well known sires and dams that are closely descended from great Anxiety 4th bulls. Each animal we sell is of our own breeding. Robt. H. Hazlett, Eldorado, Kan.

A Lot of Under Year and Yearling Calves
and a serviceable aged bull. Herd sire is WOODLAND LAD 2nd. Write us at once.
W. H. TONN, HAVEN, KANSAS

Grand Champion Regulator and Repeator 126th
Cows with calves; young stock, both sexes, by or bred to these great sires. Dams are of excellent breeding also.
G. L. MATTHEWS & SONS, Kinsley, Kan.

Excellent Herd of Reg. Herefords
10 cows, 6 heifers, including granddaughters of Repeater. Herd sire also for sale. Closing out to give full time to dairying. Priced to sell.
S. F. LANGENWALTER, Halstead, Kan.

For Sale—Heifer Calves and Bulls at $50.00
Fairfax and Bill Royal breeding.
SCHLICKAU BROS., HAVEN, KANSAS

Polled and Horned Herefords
Good young bulls, double Beau Brummels, Perfection Fairfaxes, and Polled Platos. Main sire, MONARCH FAIRFAX.
G. E. SHIRKY, MADISON, KANSAS

140 Line Bred Anxiety 4th Breeding Cows
Six first class well bred herd sires in use. All classes, both sexes for sale any time. We have just what you want.
DR. G. H. GRIMMELL, HOWARD, KAN.

HERD BULL
BARNSTORMER 557926
Calved July 4, 1915. A linebred Anxiety bull. A really great sire and a good individual for sale. We want to keep his heifers.
H. D. PLUMMER, LONGTON, KANSAS

Cows, Heifers, Bulls
By or out of Buddy L. and Willey Fairfax by Ridgeland Fairfax by Perfection Fairfax. Junior sire, Brummel Fairfax. Offering one or a carload.
PAUL WILLIAMS, MARION, KANSAS

POLLED HEREFORDS

Polled Herefords
We have developed three first prize bulls which is more than any other breeder has done. If you want high class Herefords with "Everything But the Horns" write
GOERNANDT BROS., AURORA, KAN.

GOODVIEW STOCK FARM HEREFORDS
Improver Prince, senior herd bull. Polled Plato, Jr., junior herd bull. 200 Polled Herefords in this herd. For sale: Bred cows and heifers; cows with calves at foot and bulls from 8 to 20 months old. Write for descriptions and prices.
GEO. BINGHAM, Bradford, Kan., Wabaunsee County

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To advertise most economically to the largest number of prospective Oklahoma and Texas buyers of purebred hogs, cattle, horses and sheep, use
The Oklahoma Farmer
It is read on 130,000 farms and ranches of that territory; leads in the advertising and news of the livestock business; has the best editorial standing and excels in results. J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, will be glad to tell you about the Oklahoma Farmer or take your orders for it, or you can write direct to
THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

HEREFORD CATTLE
BULLS—HEREFORD BULLS. Sire, Choice Mischief 522087. Any age. Prices right. Must sell. Vernon Sutor, Zurich, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.
BOYD NEWCOM, Auctioneer
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Livestock and Real Estate Auctioneer
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is outstandingly the best medium for cultivating the Nebraska trade on purebred cattle, hogs, jack stock, horses or sheep. It has many times more Nebraska readers than most advertising mediums, and about 50 per cent more than the next largest Nebraska farm paper, altho its rate is lowest. It leads in livestock interest and information as well as in advertising. See J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to
THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

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Shorthorn and Poland China Sale

On the J. W. Neff Farm

Ulysses, Kansas, Monday, March 12

18 Shorthorn Females, 5 Bulls, 27 Bred Poland Sows and Gilts, 5 Boars

The Shorthorn sale includes nine 1919 cows by Avondale Villager—probably the best bred herd bull owned in Southwestern Kansas; sired by a son of Imported Villager, his dam by Double Dale, regarded as the best breeding son of Avondale Villager. This lot of cattle are truly the farmers' kind—big, thick fleshed, easy feeding, dual purpose Shorthorns—the kind that produces the best beef and abundance of good rich milk.

The Poland Chinas are of the popular big type and combine the blood of such noted grand champions as Blue Valley Big Bone, Big Tim, Disher's Giant, Designer, A Wonder, etc.

Free catalog fully describing the offering will be mailed on request. Farm located ten miles north and seven miles west of Ulysses, 13½ miles south and two east of Kendall; 13 south and 12 west of Lakin. This is a complete dispersion sale, and all the farm implements and grade livestock, household goods, etc., will be sold in the forenoon.

J. W. Neff, Owner **F. S. Kirk, Sales Manager**

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

GALLOWAY CATTLE GALLOWAY CATTLE

100 Head Reg. Galloway Cattle

Public Sale at Sale Pavilion

Harper, Kan., Wednesday, Feb. 28

Beginning at one o'clock

This offering consists of about 25 yearling heifers, 35 two year olds, all in calf, 40 cows from 3 to 6 years old—all with calves at side or to calve this spring.

Most of this offering is sired by or bred to B. Carnot, the herd bull which is also included in this sale.

This offering is from the well known prize winning herd of the late H. Croft, which was established in 1893 and shown in all the big shows from New York to Denver. Has won more prizes in last ten years than the herds of all other exhibitors combined. Had Grand Champion Cow and Bull at last American Royal and International.

For further information write

J. A. Meyer, Anthony, Kansas

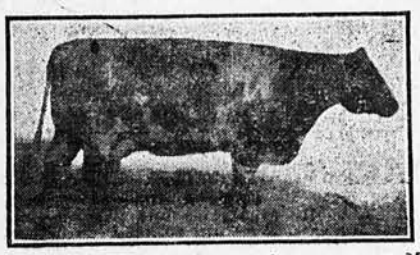
Auctioneers: Lafe Burger, Wellington, Kan., H. L. Burgess, Chelsea, Okla.

POLLED SHORTHORN CATTLE POLLED SHORTHORN CATTLE

Missouri-Kansas Polled Shorthorn Sale

To be Held at the Royal Live Stock Pavilion at

Kansas City, Missouri, Tuesday, March 13



Following are Contributing Cattle

J. G. Parker, Shelbyville, Mo., 4 females
L. W. Thieman, Adlville, Mo., 1 bull, 3 females
Ed Wenger, Versailles, Mo., 4 females
C. A. Berggren, Green Ridge, Mo., 4 females, 2 bulls
Z. F. Rathburn, Lamont, Mo., 2 bulls, 2 females
D. B. Thieman, Higginsville, Mo., 7 females, 3 bulls
R. M. Moody, Lenexa, Kan., 3 females
D. F. Richardson, Boyle, Kan., 2 bulls, 2 females

A special attraction is the roan cow Mamie contributed by Mr. Parker. She has been shown by Mr. Parker from calfhood and has never been defeated. She sells with a white bull calf at foot by Sultan Goods and is rebred to Champion Dale, the top bull at the Kansas City sale last year. Mr. Wenger has some nice cattle characteristic of their good blood. Mr. Berggren has one well bred heifer, and one cow with calf at foot and a bull bred in the purple, out of a high priced Scotch cow. Lewis Thieman contributes a high class roan Scotch bull sired by Graceful Sultan, also some females bred to him. D. B. Thieman has a roan bull, a Duchess of Gloster sired by Modern Sultan. One red bull and red heifer sired by the great bull Augustus that will be shown at the sale. Rathburn contributes the choice out of his herd, the get of Victorious Dale, a son of Imperial Dale. R. M. Moody consigns three choice heifers that are very promising and should prove valuable in any herd. Write for catalogs to

R. M. Moody, Lenexa, Kansas, or D. B. Thieman, Sale Manager, Higginsville, Missouri

Col. Gross, Auctioneer. O. Wayne Devine, Fieldman.

SHORTHORN CATTLE

Tomson's Shorthorns

Attractive herd bulls of best Scotch breeding. Sired by Village Marshal, and Marshal's Crown. Can furnish females and herd bulls not related. Entire herd under federal supervision.

TOMSON BROS.
WAKARUSA, KAN., or DOVER, KAN.

CHESTER WHITE HOGS

O. I. C. PIGS $10.00 EACH
Bred sows. E. S. ROBERTSON, Republic, Mo.

O. I. C. PIGS
HARRY HAYNES, GRANTVILLE, KANSAS

CHESTER WHITE GILTS. Bred for spring farrow; vaccinated double method; $30 to $35 each. W. H. Lynch, Neosho Rapids, Kansas.

RED POLLED CATTLE

Change of Ownership

I recently bought the herd of Red Polls owned by Chas. L. Jarboe, consisting of 23 head. I expect to breed the same high class cattle as Mr. Jarboe started to do. Some young bulls for sale.
NORMAN FLORA, QUINTER, KANSAS

Red Polls, Six Young Bulls
For sale. IRA LONG, QUINTER, 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.

CHOICE RED POLLED BULLS
Priced to sell.
W. E. Ross & Son, Smith Center, Kansas.

BULLS, STALLIONS, JACKS, Red Polls, Percherons and Mammoth. Good stock; low prices. George W. Schwab, Clay Center, Neb.

GUERNSEY CATTLE

RANSOM FARM GUERNSEYS
Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams.
Ransom Farm, Homewood, Kansas

AM OFFERING two especially attractive bargains in registered Guernsey bull calves ready for service. J. N. Dunbar, Columbus, Ks.

$1.42½; corn chop, $1.45 to $1.47; linseed meal, $57.50 to $62 a ton; tankage, $70 to $75; No. 1 alfalfa meal, $27 to $28; No. 2 alfalfa meal, $25 to $26; molasses alfalfa meal, $24 to $26; grain molasses horse feed, $28 to $32; grain molasses hog feed, $41; scratch poultry feed, $37 to $38.

Seeds and Broomcorn

Seeds and broomcorn continue in demand and prices are firm. Quotations at Kansas City are as follows:

Broomcorn — Fancy whisk brush, $500 a ton; fancy hurl, $480 to $500; choice Standard, $450 to $480; medium Standard, $410 to $440; medium Oklahoma Dwarf, $350 to $380; common Oklahoma Dwarf, $330 to $350.

Seeds—Alfalfa, $10 to $16 a cwt.; bluegrass, $15 to $30, according to quality and quantity; cane, $2.50 to $4; flaxseed, $2.65 a bushel; millet, $2 to $2.50 a cwt.; Red clover, $14 to $18; Sweet clover, $9.50 to $11.50; timothy, $4.50 to $6.50.

Alfalfa Hay Firm

No particular change in the hay situation is noted at this time, but alfalfa hay is reported firm. The following prices are quoted at Kansas City:

Selected dairy alfalfa hay, $28 to $30 a ton; choice alfalfa, $25 to $27; No. 1 alfalfa, $24 to $25; standard alfalfa, $20 to $23.50; No. 2 alfalfa $17 to $19; No. 3 alfalfa, $15 to $17.

Sticks to 160 Acres and Wins

(Continued from Page 3)

is plowed up every six years. A crop of potatoes then is raised, followed by corn and a second crop of potatoes, after which alfalfa again is seeded. This rotation also has been profitable. Potatoes are sold as a cash crop, the culls being cooked and fed to swine.

"One hundred and sixty acres gives a man plenty to do if he handles the place right and gets the most out of it," said Mr. Adams. "Under those conditions he eventually can become independent if he is careful and thrifty. Of course the quality of the land and its relation to market have their influence. I was born on a farm and have lived on one ever since and I have tried to study and learn the best ways to grow crops and then put my knowledge into practice. It has been a paying proposition."

A Fair Outlook for Wheat

(Continued from Page 26)

debts and he believes foreign countries should do the same and that no more credit should be extended until the interest is paid on the present debt. Rural market report: Wheat, $1; corn, 60c; hogs, $7; cattle, $6; butter, 35c; eggs, 24c.—T. H. Gore.

Saline—A recent moist, heavy snow was very beneficial as it was the first moisture we have had this winter. Rough feed is plentiful and livestock of all kinds are doing well. Grain cars no longer are scarce but not much wheat is left. Public sales are numerous, and the better grade of stock and farm implements bring fair prices. Wheat, 98c to $1; fat hogs, $5 to $7.50; eggs, 25c; butter, 42c.—J. P. Nelson.

Stafford—All kinds of livestock are doing well and there is considerable inquiry for good, choice mules. Milk cows are in good demand. The sale season has begun. The temperature has reached zero several times and the weather remains dry. Rural market report: Wheat, $1.06; corn, 65c; butter, 40c; eggs, 23c; prairie hay, $8.—H. A. Kachelman.

Colorado Crop Reports

Lincoln — Crop conditions have changed somewhat for the better in this county since the first of the month. Numerous snows have fallen but no storms have been experienced. Range cattle, due to the open winter and good well cured grass, are in excellent condition. Rural market report: Wheat, 85c; corn, 50 to 55c; rye, 56c; barley, 50c; cream, 40c; eggs, 27c; hogs, $7.50 to $8; cattle, $6.—Burton Rice.

Morgan—A few farmers still are husking corn but most of the crop has been gathered. Soil is very dry. Prospects for winter wheat are not flatteringfas a large per cent of the seed did not germinate. Livestock is doing well. The pleasant, open winter is saving much feed which is high in price.—E. J. Leonard.

Otero—Public sales are the order of the day. Prices on farming tools and horses are improving. Cattle are in better demand but dairy stock is poor sale. Farm work has been interrupted some lately because of the bad weather.—J. A. Heatwole.

Prowers—The weather is very dry and the wheat has not yet sprouted. Cattle are doing well and are fat enough to butcher, even tho they have had nothing but grass. Both feed and grain are scarce. Horses are extremely cheap as three good farm horses recently sold at a sale for $5.50 each. Dry, milk cows sell for $25.—W. H. Wirick.

Washington—Auction sales are few but it seems that their small number adds impetus to the bidding and most everything sells well. Wheat conditions remain unimproved. A number of the cattle which were fed in this locality recently were shipped but they failed to bring much of a margin of profit for the feeders. This undoubtedly is due to the advance in corn prices. Rural market report: Wheat, 94c; corn, 70c.—Roy Marple.

Public Sales of Livestock

Shorthorn Cattle

March 12—J. W. Neff, Ulysses, Kan.
March 26, 27 and 28—Central Shorthorn Breeders Associataion, Kansas City, Mo.
March 29—N. P. Lugenbill, Greensburg, Kan.
Apr. 7—Butler County Shorthorn Association. Sale at Eldorado, Kan.
April 9—L. L. Humes, Glen Elder, Kan.
April 9—L. L. Humes, Glen Elder, Kan.
April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.
April 10—J. C. Dell & Son, Beatrice, Neb. Sale at Wymore, Neb.
April 11—Northwest Kansas Shorthorn Breeders' Assn., Concordia, Kan.
April 14—Riley, Pottawatomie, Wabaunsee Tri County Sale, Manhattan, Kan.
May 16—Park Salter, Wichita, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.
April 19—Northeast Kan. Shorthorn Breeders' Association, Hiawatha, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.

Polled Shorthorns

March 13—Kansas and Missouri Polled Shorthorn Sale at Stock Yards Sale Pavilion, Kansas City, Mo.
April 20—J. C. Banbury & Sons, Pratt, Kan.

Hereford Cattle

March 24—E. W. Ringen, Summerfield, Kan.
April 23—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.

Holstein Cattle

Feb. 28—J. P. Halsell and A. R. Taylor and others, Parsons, Kan. Combination sale at Parsons, Kan.
Mar. 7-8—Closz Bros., Webster City, Ia., B. L. Bradford, Estherville, Ia. Sale at Des Moines, Ia.
Mar. 13—Breeders' Sale, Norton, Kan.
March 20—Kansas Holstein-Friesian Breeders' Ass'n of Kansas, free fair grounds, Topeka, Kan.
Apr. 17—Wm. H. England, Ponca City, Okla.
Feb. 23—Hostetler Engle, Abilene, Kan.

Galloway Cattle

Feb. 28—J. A. Meyer, Anthony, Kan. Sale at Harper, Kan.

Duroc Jersey Hogs

Feb. 26—Earl Babcock, Fairbury, Neb.
Feb. 26—Breeders' Sale, Concordia, Kan.
Feb. 27—Reno County Duroc Association Sale at Hutchinson.
Feb. 28—Lock Davidson, Wichita, Kan. (Sale at Caldwell, Kan.)
March 2—Zink Stock Farms, Turon, Kan.
March 3—Marcy & Critchfield, Fall River, Kan.
March 6—D. S. Sheard, Esbon, Kan.
March 7—Earl J. Anstett, Osage City, Kan.
Mar. 7—W. H. Rasmussen, Norfolk, Neb.
March 7—L. A. Poe, Hunnewell, Kan.
March 10—Johnson & Dimond, Fairbury, Neb.
March 10—McPherson County Breeders', McPherson, Kan.
March 10—E. W. Nickell and E. L. Newell, Dodge City, Kan.
March 15—Duroc Association, Burlington, Kan.
Mar. 17—Jas. Robison, Towanda, Kan.
March 29—N. P. Lugenbill, Greensburg, Kan.
April 9—L. L. Humes, Glen Elder, Kan.
Apr. 16—Wm. H. England, Ponca City, Okla.
April 17—A. L. and J. M. Erwin, Adrian, Mo.
April 20—Heiber & Hylton, Osawatomie, Kan. Sale at Paola, Kan.
April 21—Homer Rule, Ottawa, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

Spotted Poland China Hogs

Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.
Feb. 28—Kansas State Spotted P. C. Ass'n. at Manhattan, Kan.
Mar. 20—Henry Field, Shenandoah, Ia.
Apr. 17—Henry Field, Shenandoah, Ia.
Oct. 8—C. W. Bale, Chase, Kan.

Poland China Hogs

Feb. 26—F. E. Wittum, Caldwell, Kan.
Feb. 28—Clarence Dean, Weston, Mo. Sale at farm near Dearborn, Mo.
Mch. 6—Kennedy, Nicholson & Baker, Blue Mound, Kan.
March 8—J. E. Baker, Bendena, Kan.
March 8—G. A. Wiebe & Son, Beatrice, Neb.
March 9—Logan Stone, Haddam, Kan.
March 9—Dubach Bros., Wathena, Kan.
March 12—J. W. Neff, Ulysses, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

Hampshire Hogs

Mar. 14—Wickfield Farms, Cantril, Ia. Sale at Sioux City, Ia

Sale Reports and Other News

H. B. Walter & Son's bred sow sale at Bendena, Kan., February 7 resulted in an average of $80.40. There were breeders there from six states and it was also well attended by farmers from all over Northeast Kansas. The top was $200, paid for a daughter of Peter the Great and bred to Bendena Giant.—Advertisement.

J. F. Larimore and Sons, Grenola, Kan., sold 26 Durocs Friday, February 16. In spite of the fact that Grenola is in a cattle grazing territory, the sale average was $54.50 for the 26 sows and gilts. Seven sows averaged $68.50 with a top of $100, a daughter of Valley Pathfinder bred to Major Sensation Col., to B. W. Conyer, Severy, Kan. Nineteen spring gilts averaged $49 with top of $125, a daughter of Major Sensation Col. bred to Orion Commander, to Putnam and Sons, Tecumseh, Neb. Fifteen buyers took the offering.

W. T. McBride of Parker, Kan., held his Duroc sale February 16. Forty-two head averaged $35.50 per head. Mr. McBride has one of the best equipped hog farms in that part of the state. His up-to-date swine barn is so arranged that it can be converted into a comfortable sale pavilion well heated and lighted. Mr. Parker has one of the good Duroc herds of the state. A number of the spring gilts in his February 16 sale were a little undersized. That coupled with the weather conditions accounted for the low average of the offering.

Wooddell-Danner Duroc Sale

G. B. Wooddell and T. F. Danner, both of Winfield, Kan., altho maintaining separate herds have always held combined sales. Mr. Danner died several weeks ago and the Danner offering in their February 15 sale was a dispersal offering. Seventeen sows averaged $63.50. Twenty spring gilts averaged $72.75. The 37 head averaged $68.50. Twenty-six buyers took the offering. Twenty-three head were bred to Taskmaster, the Wooddell sire, by Pathmaster. These averaged $69.25. The top was an open gilt by

POLAND CHINA HOGS

Combined Offering of 50 Polands

Blue Mound, Kan. Tuesday, March 6

15 tried sows, 15 fall gilts, 18 spring gilts, and 7 boars. Sired by Baker's Timm by Long Timm, Big Bob's Equal, F's Giant, and King's Commander. Dams include Clansman Queen by A Clansman, Cora Jones by The Ranger, Nora Jones by Jumbo Jones, etc. Sires to which females are bred include Lime Light, Liberator Choice and Grandview Emancipator.

This is a handpicked offering from the following herds: Kennedy & Nickelson, J. J. Baker, and Rector Green, all of Blue Mound, Kan. Sale will be held at the Grandview farm near Blue Mound and will be under cover.

The offering will be a good one and if in need of some good Polands you should write any of the consignors for a catalog. Please mention Kansas Farmer.

Auctioneers, Burgess and Hall. Fieldman, J. T. Hunter.

Poland China Bred Sow Sale

Thursday, March 8th

From Gage County Grand Champion Herd

50 head of high class sows and gilts, sired by Designer Jr., by the $30,000 Grand Champion Designer.

Liberator Boy by the King of sires Liberator Constructor, the boar everybody likes.

The sows are bred to these proven sires and High Commander and Giant Liberator Buster.

Send for catalog to

G. A. Wiebe & Son
Box M, Beatrice, Neb.

BLUE VALLEY STOCK FARM POLANDS

We have decided not to hold a second sale and will sell 40 tried sows, fall gilts and spring gilts at private sale.

They are bred to farrow in February, March and April. They are litter mates and bred to the same boars and just as good individuals as the sows sold in our February 9th sale. They are bred to boars of the highest class and we are pricing them to sell quick. We also have a few outstanding September boars.

Thos. F. Walker & Sons, Alexandria, Neb.

140 Polands to Pick From

Sows and gilts bred for spring farrow. Young boars not akin. Best breeding. Immuned. Pedigrees and satisfaction guaranteed. Priced to sell. **ED. SHEEHY, HUME, MO.**

Big Type Poland China Bred Gilts

At $35.00 to $50.00. Write for list.
ROSS McMURRY, BURRTON, KANSAS

Big Type Poland China Bred Gilts

$25 each. Immuned and guaranteed.
C. R. ROWE, Route 1, SCRANTON, KAN.

DEMING RANCH POLANDS

Bred gilts, fall yearlings and spring boars by our Grand Champion Ranch Yankee and Latchnite.
H. O. Sheldon, Supt. Hog Dept., Oswego, Kan.

POLAND CHINA BOARS by Designer. A few Designer gilts bred to CICOTTE JR. Farmer prices. **J. R. Houston, Gem, Kansas.**

SPOTTED POLAND CHINA HOGS

$35.00 Buys Big Reg. Spotted Gilts



Sired by The Emancipator, a son of the International Grand Champion 1921. Bred for March and April litters to Bluegrass Giant, a son of the Mo. State Fair Grand Champion 1921. Guaranteed to please. Double immuned. Address
G. C. ROAN, ETHEL, MACON CO., MO.

Bred Sows and Gilts

and good fall pigs, fashionable breeding, correct type. White Scotch Collie puppies.
T. L. CURTIS, DUNLAP, KANSAS.

SPOTTED POLAND CHINA BOARS

35 head large spring boars, big husky fellows, well marked, all immune. Satisfaction guaranteed or money refunded. Priced to sell. $25 and $35, first check or draft gets choice. Don't delay if you want a bargain. Also bred sows and gilts, priced reasonable
Tom F. McCall, Carthage, Mo.

Major's Great Sensation out of Chief Lady, to J. F. Larimore & Sons, Grenola, Kan., at $225. This was the second prize gilt at 1922 Kansas State Fair and was more than worth the money. Larimore also bought another spring gilt bred about the same way at $100. Six head sold at $100 or better. Most of the offering went out of the county. A considerable number in the sale were high class Durocs but enough tail end quality gilts were sold to very materially reduce the sale average.

C. S. Nevius & Sons' Poland China Sale

C. S. Nevius and Sons of Chiles, Kan., drew a cold disagreeable day for their Poland China sale February 14. On account of the severe cold weather it was impossible to hold the attention of the crowd attending the sale. Prices ranged from $30 to a top of $85.00. When 36 head were sold the sale was called off.

Deming Ranch Poland China Sale

Weather conditions interfered with the Poland China sale at Deming Ranch, Oswego, Kan., February 15. The attendance was small and it was very cold and disagreeable in the building where the sale was held. Prices ranged from $32 to a top of $105. When about one-half of the offering was sold the sale was called off.

The Poland China Sale at Concordia

The Poland China bred sow sale at Concordia, Kan., last Thursday was well attended by Poland China breeders from that section of the state and by farmers from the vicinity of Concordia. About 48 head were sold and at prices that were satisfactory to the consignors. Sows and gilts, showing up well and those that were better grown sold for $50 to $60, while those less desirable and not showing up so well sold for prices ranging from $30 to $46.00. It was a nice day and a nice crowd of farmers were out for the first sale to be held in the new sale pavilion.

Cold Weather Interfered with McComas' Duroc Sale

W. D. McComas, Wichita, Kan., has held 10 Duroc sales, most of which have been in winter time. Good weather prevailed at the first eight sales that were held in the open or under a tent. Mr. McComas erected a permanent building in which to hold sales and the weather was severely cold each of the two days he sold this winter; December 8 and February 14 and seriously interfered with the success of these two sales. At the last sale, February 14 a very small crowd assembled at the ring side and most of it slipped away from the ringside and over to the stoves in the corners of the building near the close of the sale. Seventeen buyers took the offering at very good prices considering conditions. Thirteen sows averaged $69.75. Twenty-five spring gilts averaged $43.75. The thirty-eight females averaged $52.50. Bert Anderson, McPherson, Kan., topped the sale at $102.50 for a four year daughter of Pathfinder Chief 2nd, out of a daughter of Gano's Choice bred to Senfinder. Top spring gilt was by Giant Orion Sensation 4th out of a daughter of Jack's Orion King A, bred to Senfinder at $80.00 to E. G. Hoover, Wichita, Kan. Other buyers included Ben Reeves, Wichita, Kan., H. Croft, Anthony, Kan., Thos. Steinberger, Andale, Kan., R. K. Chambers, Valley Center, Kan., Jack Randall, Wichita, Kan., Edgar Hull, Reece, Kan., J. U. Howe, Wichita, Kan., E. Gabrielson, Wichita, Kan., L. J. Simms, Osage City, Kan., R. C. Smith, Sedgwick, Kan., J. V. Bloom, Medicine Lodge, Kan., Martin Dalblum, Viola, Kan., L. R. Massengill, Caldwell, Kan.

Notes From the Field

BY J. W. JOHNSON

F. W. Elliott, Kirwin, Kan., Phillips county offers Pathfinder sows and gilts for sale bred to his Sensation boar. Look up his advertisement in this issue of the Mail and Breeze.—Advertisement.

Norman Flora of Quinter, Kan., has recently purchased the herd of Red Polled cattle formerly owned by Chas. L. Jarboe. Mr. Flora expects to keep the herd up to its former high standard. At present he has some choice young bulls for sale. See his advertisement in this issue.—Advertisement.

Geo. Dietrich of Carbondale, Kan., is advertising Angus bulls and females in this issue. Mr. Dietrich has decided to sell this lot within the next 30 days and is pricing them to sell quick. If you want Angus breeding stock, look up his advertisement and write him for prices.—Advertisement.

Last Call for Concordia Sale

This is the last call for the big bred sow and gilt sale in the new sale pavilion, Concordia, Kan., next Monday, February 26. 50 sows, mostly Duroc Jersey bred sows but with a few Poland China and Spotted Poland Chinas will be sold. They represent the best breeding to be found anywhere and are a select lot of sows from the best herds in north central Kansas. The sale is next Monday.—Advertisement.

J. A. Beveridge's Spotted Poland Sale

Dr. J. A. Beveridge, Marysville, Kan., sells Spotted Poland Chinas in his bred sow and gilt sale at that place, Tuesday, February 27. This is the day before the state association sale at Manhattan and you can attend both sales very conveniently. These sows and gilts are bred to a good son of Spotted Ranger and a son of the Jun or champion, 1922. Write for the sale catalog today. The sale is next Wednesday but you have time to get the catalog if you write at once.—Advertisement.

The Northwest Kansas Shorthorn Sale

E. A. Cory, Concordia, Kan., sale manager for the Northwest Kansas Shorthorn Breeders association is ready to consider your offer to consign cattle to the spring sale at Concordia. The date of the sale this spring is April 11. Mr. Cory has been quite busy with other sales out is now ready to start work on the big spring Shorthorn sale. Write him at once just what you have for sale and if you have already written him better send in your papers at once as he will want to start work on the catalog soon.—Advertisement.

J. S. Fuller's Spotted Poland Sale

J. S. Fuller's Spotted Poland China bred sow and gilt sale is advertised in this issue of the Mail and Breeze. Mr. Fuller lives at Alton, Kan., but because of the better railroad facilities and the new sale pavilion at Concordia he decided to hold his sale there.

Breeder's Combination Bred Sow Sale

50 Bred Sows and Gilts, Selections From Well Known Herds. In the New Sale Pavilion.

Concordia, Kansas, Monday, February 26

The following breeders have consigned 35 choice Duroc Jersey bred sows and gilts:

Sherwood Bros., Concordia; M. Stensaas, Concordia; W. W. Jones, Beloit, Kan.; Bolen Bros, Downs, Kan.; Earnest LaGasse, Rice, Kan.

C. B. Schrader, Clifton, Kan., Poland Chinas. Mr. Schrader is consigning 10 Poland China bred sows and gilts and they will be good and you can depend on it.

Lynch Bros., Spotted Poland Chinas, Jamestown, Kan. This firm will consign 10 Spotted Poland China bred sows and gilts that will be tops.

Sale catalog ready to mail. The 50 head are cataloged in one book. It is free and you should write for it at once. Address

E. A. Cory, Sale Manager, Concordia, Kansas
Auctioneers—Jas. T. McCulloch, G. B. Van Landingham, Dan Perkins. J. W. Johnson, Fieldman, Kansas Farmer and Mail and Breeze.

Northeast Kansas Poland China Sale

45 head, two tried sows, 20 fall gilts, 18 spring gilts. Sale in our barn at the farm two miles west of town.

Wathena, Kansas, Friday, March 9

The fall yearlings and spring gilts are by our two herd boars, **Clanster** and **Indiana Giant.** All are bred to these two boars and two other young boars of excellent breeding.

No. 1 in the catalog is a two-year-old show sow by Indiana Giant and bred to **Cook's Liberty Bond** for a last of March litter.

The quality of this offering is in keeping with our past offerings. Let us send you our catalog at once. Address

Dubach Bros., Wathena, Kansas
Auctioneers: R. E. Miller, W. S. Sharp. J. W. Johnson, Fieldman, Mail and Breeze.

Northern Kansas Poland China Sale

40 bred sows and gilts, 10 fall yearling gilts and 30 spring gilts. Sale at the farm three miles east and five north of Haddam, six east and three south of Mahaska,

Haddam, Kansas, Friday, March 9

They are all bred to **Stone's Designor** by Big Bone Designor by Designor.

It is an offering that will prove one of the best offered in north central Kansas this winter.

Boars. Also three boars will be sold.

Shorthorns: Also two Shorthorn bull calves are included in the sale.

Sale catalog ready to mail. Address

Logan Stone, Haddam, Kansas
Auctioneers: Jas. T. McCulloch, Chet McCurdy. J. W. Johnson, Fieldman, Mail & Breeze.

Poland China Bred Sows and Gilts

Well grown, well bred, well handled and sure to make you money. Sale in the sale pavilion,

Bendena, Kansas, Thursday, March 8

They are out of dams by such boars as **Morton's Giant, Clanster, Tarzan, W's Designor, Liberty Bond** and others of note.

They are bred to my herd boar, W's Designor, second prize junior yearling at Topeka, 1921, first at Horton and Troy, aged boar class 1922.

Four gilts by a son of Checkers.

Eight gilts by the 1921 grand champion, Topeka, Bendena Giant.

Catalogs ready to mail. Address

J. E. Baker, Bendena, Kansas
Chas. Foster, Auctioneer. J. W. Johnson, Fieldman, Mail and Breeze.

SPOTTED POLAND CHINA HOGS SPOTTED POLAND CHINA HOGS

Spotted Polands at Concordia

45 Tried Sows, Fall Yearlings and Spring Gilts. Sale in the New Sale Pavilion.

Concordia, Kan., Monday, March 5

Because of the better railroad facilities and the new sale pavilion I am bringing my 1923 bred sow sale to Concordia. Every sow and gilt in the sale will prove a money maker to the buyer in this sale. The offering is bred to my two herd boars, **Giant Arch Back 80321,** a son of Arch Back King. Also to **Buster Joe,** a son of Lynch Bros. Carlson's Spotted Chief. It is an offering that is well bred and one that has been bred and grown right. Catalogs ready to mail. Address either

J. S. Fuller, Alton, Kan., Owner, or E. A. Cory, Concordia, Kan., Sale Mgr.
Auctioneers: Dan. O. Cain, G. B. VanLandingham. J. W. Johnson, Fieldman, Mail and Breeze.

Spots Bred to Son of World's Grandchampion

Bred sows and gilts, fall gilts, boars. Sired by or bred to Kansas Kernel by Booster King, 1921 world's grand champion, and other sires.
EARL MATTHEWS, CLEARWATER, KAN.

Weddle's Bred Gilts, Boars, Fall Pigs

This includes over 50 choice gilts bred to Weddle's Spotted Aristocrat. Priced reasonably. **THOS. WEDDLE, Valley Center, Kan.**

Spotted Polands

Spring boars, $25; bred gilts, $30; sows, $45. Papers furnished. **Fay Leibert, Patt, Colo.**

SPOTTED POLAND CHINAS

Boars and open gilts, bred sows and gilts for sale. **Cedar Row Stock Farm, Burlington, Kan. A. S. Alexander, Prop.**

SOWS, GILTS AND BOARS for farmers and breeders. Overloaded and selling you choice at your price. **Wm. Meyer, Farlington, Kan.**

When writing advertisers mention this paper

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STATE AGRICULTURAL COLLEGE FEB 26 1923

Sheard's Duroc Bred Sow Sale

40 head, 13 tried sows, 4 winter gilts, 23 spring gilts.

Esbon, Kansas, Tuesday, March 6

Farmers and breeders will like this offering. **Sensation, Invincible and Pathfinder breeding.**

The 13 tried sows are by Critic's Invincible and bred to Critic's Sensation.

The gilts are by Crimson Chief and Critic's Sensation and bred to Joe Pathfinder and Smithy Orion.

This offering represents some of the best sires and dams of the breed and the offering has been carefully handled and in such a manner as to insure the future usefulness of every sow sold. The sale catalog is ready to mail. Address

D. S. Sheard, Esbon, Kansas

Auctioneers: Will Myers and Doyles. J. W. Johnson, Fieldman, Mail and Breeze.

Esbon is on the Rock Island in Jewell county, 12 miles west of Mankato.

DUROC JERSEY HOGS

L. A. Poe's Duroc Sale

Hunnewell, Kan. Wednesday, March 7

4 tried sows, 2 by Poe's Col. and 2 by Great Orion 7th, a grandson of Great Orion, 1918 world's grand champion.

32 spring gilts by Great Orion 7th, out of Pathfinder and Col. dams.

2 boars—Great Orion and Pathfinder breeding.

Females are in service to Great Orion 7th and Hunnewell Major by Major's Great Sensation.

Here is an offerong that we believe you will like. It is a surplus offering from my herd and just a fair sample of what I am raising. You will find 38 unpampered useful Durocs. They have been handled under just ordinary conditions and should make money for you.

Write for a catalog. Please mention Kansas Farmer. Send buying orders to J. T. Hunter who will represent Kansas Farmer.

Savage and Tarpening, Auctioneers. J. T. Hunter, Fieldman.

Blood of the Champions

VALLEY SPRINGS DUROCS

Sensations, Pathfinders, Orions, Cols. Boars all ages. Sows and gilts for spring farrow mated to son of Stilts, Pathfinder, Scissors, Great Orion Sensation, Pathfinder Paramount, Stilts Model, etc. Reasonable prices; immuned; pedigrees; year's time.

E. J. BLISS, BLOOMINGTON, KANSAS

BONNY GLEN DUROCS

40 Sept. gilts sired by a son of the Grand Champion Rainbow Sensation and out of Pathfinder bred dams. Crated light $20 each, two for $35. Farm located on state line 9 miles south of town.

JOHNSON & DIMOND, Fairbury, Neb.

VICTORY SENSATION

Gilts bred to Great Pathmaster for March and April farrow. Cheaper than ever. Write me.

B. W. ANDERSON, McPHERSON, KANSAS

Zink Stock Farms Durocs

20 sows and gilts in our recent sale averaged $106. These were all bred to GREAT PATHMASTER. We have some extra fine fall boars by this sire and by GREAT SENSATION WONDER. Write us at once.

ZINK STOCK FARMS, TURON, KANSAS

Attention Late Boar Buyers

I have a few very choice spring boars of the herd boar kind. Bargains if taken now.

Annual Bred Sow Sale Feb. 22

J. J. SMITH, LAWRENCE, KANSAS

E. G. HOOVER'S DUROCS

Gilts for pig clubs. Priced right. Herd sires: Orchard Scissors by Scissors, Goldmaster by Pathmaster, etc.

E. G. HOOVER, WICHITA, KANSAS

200 Duroc Gilts

Bred for spring farrow to five State Fair prize winning boars. Special prices on carload lots.

F. C. CROCKER, Box B, FILLEY, NEB.
Near the Kansas State Line.

DUROC JERSEY HOGS

Shepherd's Duroc Boar Bargains

A half dozen extra good ones to move quickly. By Sensational Pilot, 1921 Topeka g. c., out of Great Orion Sensation dams, and by Sensational Giant by Big Orion Sensation out of Orion Cherry King dams. Priced to sell. Write immediately. **G. M. Shepherd, Lyons, Kan.**

Bred Gilts

For March and April farrow, $30.00 each. Boars from 75 to 250 lbs., $15.00 to $30.00. Well bred. Crated. With pedigrees. Also fall gilts.

J. E. WELLER, HOLTON, KANSAS

Boars and Bred Gilts

A selection of big type gilts bred for March and April farrow, from the best Pathfinder, Orion, and Sensation breeding. Fall boars and gilts, $15. Immuned.

ERNEST A. REED, LYONS, KAN.

35 Duroc Bred Gilts and Boars

Photos of spring boars by Smooth Sensation. Sows and gilts bred to Smooth Sensation and son of Pathfinder Jr. Cholera immune. Registered and guaranteed. Describe your wants. **Homer Drake, Sterling, Ks.**

Taskmaster Bred Sow Sale Feb. 15

A few good boars for sale, $25 per head. First check gets the choice. Also, send us your name for our catalog.

Wooddell's Duroc Farm, Winfield, Kan.

Very Choice Spring Gilts

Sired by Pathfinder's Orion, High Giant, Pathfinder's Disturber, and bred to Lincoln Commander, a son of The Commander, the 1922 grand champion. Shipped on approval. **LEWIS SCHMIDT, BARNARD, KAN.**

Larimore Bred Gilts

Some bred to Orion Commander 1st prize son of Commander, 1922 champion of Neb. Kan. Okla. Some bred to a son of champion Major Sensation Col.

J. F. LARIMORE & SONS, GRENOLA, KAN.

Big Type Bred Gilts and Boars

Choice selection bred gilts and boars. Best Sensation, High Orion, Pathfinder breeding. High quality. Priced low. Immuned.

J. A. REED & SONS, LYONS, KANSAS

Durocs $20 to $30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler Pathfinder and Valley Wonder Sensation. **E. C. MUNSELL, RUSSELL, KANSAS.**

Sows and Gilts of Popular Breeding

Bred to a son of Great Orion Sensation and out of a Scissors dam. Priced right.

RALPH SCOTT, Rt. 1, BURLINGTON, KAN.

Walnut Hill Stock Farm Durocs

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.

D. C. ASHER, LAWRENCE, KANSAS

Pathfinder Sows and Gilts

Bred for April farrow to my herd boar, Sensation King. Tried sows $60, and gilts $30.

F. W. ELLIOTT, KIRWIN, KAN. (Phillips County.)

Waltemeyer's Giant 429003

Boars all ages by him for sale. **W. R. Huston, Americus, Ks.**

100 Fall Pigs, Choice Ones

For sale. **R. C. Watson & Sons, Altoona, Ks.**

Big 325 Pound Spring Duroc Gilts

For sale. Bred to an extra good boar for March farrow. **ARTHUR A. PATTERSON, Ellsworth, Kansas.**

SPRING GILTS, Pathfinder, Sensation, Col. breeding, bred to a grandson of Pathfinder and Great Sensation. **Paul Marsh, Sedgwick, Kansas.**

GILTS BY PATHFINDER'S VICTORY and Scissors 2nd. Big type, thrifty, 110 lbs., $15 each. **Conrad Knief, Sublette, Kansas.**

ANGUS CATTLE

FOR QUICK SALE

6 Aberdeen Angus bulls ready for service. 14 females breeding age. Must sell in next 30 days. They are priced to sell.

GEO. DIETRICH, CARBONDALE, KANSAS

Monday, March 5. He is selling a nice lot of sows and gilts, representing some of the best families known to the breed. His catalog is ready to mail. E. W. Cory, Concordia, Kan., is sale manager and you can write to him for the catalog or to Mr. Geo. Fuhler, Alton, Kan. But be sure and write for it at once.—Advertisement

Kansas State Spotted Poland Sale

Spotted Poland Chinas in the big state associaation sale is the all day program at Manhattan, Kan., Wednesday, February 28. The sale of 45 sows and gilts, drafts from the leading herds over the state will be held in the afternoon in the livestock judging pavilion at the college. The evening before is the big association banquet. Inspection trips over the college farm and other entertainment is on the program for the morning of the sale and the day before if you can come that early. The sale is next Wednesday. Be sure to attend.—Advertisement.

The Parsons, Kansas Holstein Sale

This is the last call for the combined dispersal of pure bred high producing Holsteins at Parsons, Kan., next Wednesday, February 28. The sale is a double dispersal sale of about 75 head and marks the closing out of two good herds of that territory and affords a splendid opportunity to buy the very best in a public sale. If you have not already written for the catalog don't wait but plan to attend the sale and you will find a copy waiting for you at the sale barn. The sale is advertised in this issue of the Mail and Breeze. Look it up and go to this sale.—Advertisement.

North Central Kansas Shorthorn Sale

The North Central Kansas Shorthorn sale in the new sale pavilion at Beloit, Kan., April 10 is going to be a good place to buy cattle. 50 head have already been listed for the sale and no more will be taken. The catalog will be started at once and will be ready to mail shortly. Geo. Mealls, Cawker City, Kan., is chairman of the sales committee and you can write him right now for the catalog. L. L. Humes, Glen Elder, Kan., will sell Shorthorns at his farm south of town, April 9, the day before the sale in Beloit. Both sales will be advertised in the Mail and Breeze soon.—Advertisement.

Logan Stone's Poland China Sale

Logan Stone, Haddam, Kan., sells 40 Poland China bred sows and gilts in his bred sow sale at the farm near Haddam, Friday, March 9. The offering consists of 10 fall yearlings and 30 spring gilts and is one of real merit and bred along lines that will not fail to please anyone that is in the market for bred sows that will strengthen his herd. Everything is bred to Stone's Designor, a grandson of old Designor that you will appreciate when you see him. Everything is showing up nicely and you should attend this sale if you want some Poland China bred gilts at fair prices that will be sure to do you good.—Advertisement.

Dubach Bros. Poland China Sale

Dubach Bros., Wathena, Kan., Doniphan county will sell Poland China bred sows and gilts in their own sale barn at the farm two miles west of Wathena, Friday, March 9. They are selling two tried sows, one of them, number one in the catalog is a very fine sow by Indiana Giant and bred to Cook's Liberty Bond for a March last litter. Number two is also a tried sow and a good one. There will be 20 fall yearling gilts and 18 spring gilts. This is the annual sale held by these men each spring and it is an offering of real merit in both breeding and individuals. For the sale catalog write to Dubach Bros., Wathena, Kan.—Advertisement.

J. E. Baker's Poland China Sale

J. E. Baker, Bendena, Kan., will sell Poland China bred sows and gilts in his annual bred sow sale in the new sale pavilion, Bendena, Tuesday, March 6. He is selling an offering of bred sows and gilts that you would be proud to own. They are of the very best of breeding and are bred to his herd boar, W's Designor, the second prize junior yearling boar at Topeka, 1921, and who was the first prize boar at Horton and at Troy in 1922. Offering is one of real merit and is as well bred as any that has been or will be sold in the state this winter. Remember the sale is in town, in the sale pavilion, Tuesday, March 6. Write for the catalog today and you will receive it as soon as he gets your letter.—Advertisement.

D. S. Sheard's Duroc Sale

D. S. Sheard, Esbon, Kan., sells Duroc Jersey bred sows and gilts in his big bred sow sale at Esbon, Kan., Tuesday, March 6. There will be 40 head of good ones in this sale and 13 are tried sows that will make any breeder take notice of them. They are sired by Critic's Invincible and bred to Critic's Sensation and the gilts, some of them early winter gilts and the rest nice spring gilts are of the best of fashionable breeding and bred to good boars. In this sale will be found a real opportunity to buy choice blood lines along with individuals that you will not want to apologize for in the future. Every sow has been bred and carefully handled so that she is sure to raise you a good litter. Esbon is on the Rock Island in Jewell county and has always been known as quite a pure bred stock center. Mr. Sheard and his neighbors are interested in better hogs for that section and along with it Mr. Sheard owns a good herd of registered Shorthorn cattle. If you are interested in good Duroc Jerseys write to him at once for his catalog and plan to attend his bred sow sale Tuesday, March 6.—Advertisement.

BY J. T. HUNTER

McPherson county breeders hold a sale at McPherson, Kan. The sale includes Shorthorn and Hereford bulls and females, 2 Percheron stud colts sired by Glacis, 1 jack, 1 Poland gilt, and 20 Duroc gilts bred for March or April farrow. Write V. M. Emmert, secretary, McPherson, Kan., for catalog.—Advertisement.

B. W. Anderson, McPherson, Kan., won first on Duroc gilts at Kansas National last winter, also first on gilts at Newton show this winter. Both sired by Victory Sensation 3rd, who was himself first aged boar at 1922 Kansas National. Mr. Anderson offers gilts by this boar bred to a son of Pathmaster. Write him, mentioning Kansas Farmer.—Advertisement.

Next Tuesday, February 27 is the date for the Reno County Duroc sale at Hutchinson. Sale will be at the state fair grounds and there will be 40 head of first class Durocs. W. H. Fulks, Langdon, Kan., will manage the sale. It's too late to write for a catalog. See last two issues of Kansas Farmer for general description of the offering.—Advertisement.

Wittum's Poland Dispersion is at Hand

Attention is directed to the fact that Monday, February 26, Mr. F. E. Wittum, Caldwell, Kan., will disperse his great herd of purebred Polands. The sale will be at the farm 8 miles southeast of Caldwell, Kan. There will be a big barbecue and everyone will be welcome. Read the last issue of this paper and see what a great offering will be presented.—Advertisement.

Do You Want Outcross Breeding?

Lock Davidson, Wichita, Kan., has a Duroc sale at his farm near Caldwell, Kan., February 28. A number of the females to be sold are sow and gilts purchased in Illinois last year or daughters of these females and sired by eastern boars. This offers excellent opportunity for you to get something that will fit nicely into your herd without your running any risk of inbreeding. See last two issues of Kansas Farmer for advertisements.—Advertisement.

J. A. Meyer's Galloway Cattle Sale

J. A. Meyer of Anthony, Kan., has announced a sale of Galloway cattle to be held at Harper, Kan., February 28. On that date Mr. Meyer will sell one hundred Galloways, consisting of cows, two-year old and yearling heifers. Also one herd buil. The cows will either have calves at side or will calve this spring. The two-year-old heifers are all bred. Look up the advertisement in this issue and send for catalog to J. A. Meyer, Anthony, Kansas.—Advertisement.

50 Polands Sell at Blue Mound, Kan.

Kennedy & Nickelson, J. J. Baker, and Rector Green, who live at Blue Mound, Kan., have good herds of purebred Polands. Tuesday, March 6, these breeders will combine offerings and sell at the Grandview Farm near Blue Mound. It will be an offering of 50 head made up of 15 tried sows, 28 gilts and 7 boars. The advertisement in this issue of Kansas Farmer gives a good idea as to the nature of the offering. These three firms have first class Polands and are putting only good Polands in the offering. It will be a good place for you to get seed stock. The breeding is excellent and the quality of the individuals will suit you also. Read this advertisement and send to any of the consignors for a catalog. Please mention Kansas Farmer.—Advertisement.

Zink Stock Farms' Durocs

Zink Stock Farms, Turon, Kan., change their card this issue. They now offer fall boars by Great Pathmaster by Pathmaster and Great Sensation Wonder by Great Sensation. It might be mentioned that the 20 sows and gilts in their recent sale bred to Great Pathmaster averaged $106. Most of these females were sired by Great Sensation Wonder. If buyers present at the ringside were willing to pay an average of $106 for these females after having looked over the Zink herd you may be assured that you are taking no chances in getting your fall boar at Zinks. Better take up this matter with Zinks because there will certainly be a demand for these boars. When writing please mention Kansas Farmer — Advertisement.

Marcy and Crutchfield Sell Durocs March 3

J. H. Marcy and E. H. Crutchfield, both of Fall River, Kan., have good Duroc herds and combine forces and hold a sale at Fall River, Kan., Saturday, March 3, at which time they sell 25 sows and 15 gilts. The advertisement in this issue indicates the breeding of the offering. You will see that here in this sale will be some of the best bred Durocs to be driven thru any sale ring in the state. It is rather surprising to note that these new breeders have accumulated so well bred Durocs as they have and in so short a time and so quietly. Just read the advertisement and be convinced. This sale offers fine opportunity for selection of some extra good individuals for seed stock and if you can conveniently do so you should attend and make selections. If unable to attend you may send buying orders to J. T. Hunter who will represent Kansas Farmer. Write either J. H. Marcy or E. H. Crutchfield, Fall River, Kan., for catalog. Please mention Kansas Farmer.—Advertisement.

Matthews Grand Champion Bred Spotted Polands

Earl Matthews, Clearwater, Kan., starts a card in this issue advertising Spotted Polands. He offers bred sows and gilts fall pigs, both sexes, and serviceable age boars. His present herd sire, Kansas Kernel is by Booster King, 1921 world's grand champion, out of a sow, Y's Royal Princess I, that was one of the litter that sold for the highest price ever received for a Spotted Poland litter. One boar sold for $16,000 and another for $10,000. Mr. Matthews is a young breeder that has been carefully developing a Spotted herd that is a real good one. Anyone can readily observe that when he visits the farm and anyone versed in Spotted Poland pedigrees can see that

BEST RESULTS FOR KANSAS CITY SALE.

George W. Berry, the auctioneer in charge at the coming National Berkshire sale writes as follows:

"Relative to the Berkshire sale at Kansas City, to be held on February 21, a letter received from Mr. Wilbur Harris, the sale manager, Lamine, Mo., contains the following statement:

"The inquiries are coming in fast during the past week, most of them from the advertisement in Mr. Devine's papers, 'The Missouri Ruralist and the Kansas Farmer-Mail & Breeze.'

"I enclose the program of the meeting of Berkshire breeders called February 20 at 7:30 P. M., at the Coates House, Kansas City, Mo."

this herd sire is an unusually well bred sire. If you really want to get good well bred modern type Spotted Polands that will make money for you you will find what you are looking for at the Matthews farm. Write Mr. Matthews. Please mention Kansas Farmer.—Advertisement.

A Good Offering of Durocs at Burlington

Duroc breeders of Coffey County intend to put on a real live association sale at Burlington, Kan., Thursday, March 15. Ten breeders as follows: A. N. Johns, Waverly; O. G. Criss, Agricola; Archie Bear, Waverly; R. A. Weaver, Waverly; H. A. Dressler, Lebo; F. E. Thom, Lebo; B. F. Newkirk, Hartford; Ralph Scott, Burlington; and Ivy Allen & Sons, Burlington consign 37 head of real ones to this sale. The advertisement in this issue gives the breeding that each consigner puts in the sale. This will show that the sale will have in it some as well bred Durocs as you can find in Kansas. The committee on inspection states that the herds of these several breeders were visited and the individual offerings inspected and that none but good Durocs have been permitted to enter the sale ring. That is sufficient guarantee to you that there will be a good offering at this sale. Read the advertisement and write to Mr. Ivy Allen, manager Burlington, Kan., for a catalog and please mention that you saw the advertisement in Kansas Farmer.—Advertisement.

Southwest Kansas Sale Shorthorns and Polands

On Monday, March 12th, J. W. Neff will hold a dispersion sale at his farm 17 miles southwest of Ulysses. The sale includes 4 excellent Shorthorn bulls, 15 cows and heifers. A larger part of the offering is sired by Avondale Villager; he by Augustine, one of the most noted sons of Imported Villager; the dam of Avondale Villager was champion at five shows in Scotland. He has sired many champions, including the American Royal Champion, Villager's Coronet, one of his sons sired Cloverleaf Royal, undefeated Champion of America in 1921. Double Dale sired Owen Kane's show herd for several years, including such champions as Dale Clarion, Radium, Sultan Supreme, etc. Sons of Double Dale sired Village Supreme and Lady Supreme, undefeated Grand Champions of America. A grandson of Double Dale sired the Grand Champion cow at the American Royal and five state fairs in 1922. The Poland China offering includes 27 bred sows and gilts and 5 boars. Their blood lines represent the very best of big type breeding. The foundation herd was purchased in Nebraska, and such noted boars and famous champions as Big Tim, A Wonder, Disher's Giant, etc., are represented in this herd. Mr. Neff is leaving the farm and selling all of his registered stock; likewise all of his grade stock, farm implements, household goods, etc. If interested, write F. S. Kirk, Sales Manager, Wichita, or J. W. Neff, Ulysses, for free catalog.—Advertisement.

L. A. Poe Sells Durocs March 7

Less than four years ago Mr. L. A. Poe, Hunnewell, Kan., bought a bred Duroc sow. He had no other purebred hogs on the farm. This sow farrowed three gilts and two boars. That put him in the hog business at once. He has kept record of the increase and remuneration. Results have been amazingly good. He can give anyone the facts in the case if such data is requested of him. It is very significant that Mr. Poe continues in the hog business. He knows just what this sow and her produce have done for him and if these hogs had not paid him he would have quit raising them, but he goes right on increasing his herd. Surplus naturally accumulates. He sells this at private treaty and public sale. Wednesday, March 7, Mr. Poe will sell 38 head. This issue carries advertisement of what he offers. Read it and see that he has just the kind that you want, i. e. the money making kind. Read this advertisement and then write Mr. Poe for catalog and ask him any question you want to know about how rapidly and how successfully this one old sow put him in the purebred Duroc business to stay. Please mention Kansas Farmer. Send your buying orders to J. T. Hunter if you can't attend the sale.—Advertisement.

Nickel and Newell Sell Durocs at Dodge City

E. W. Nickel and E. L. Newell, both of Dodge City, Kan., have good herds of Durocs and combine offerings to hold a sale at Dodge City Saturday, March 10. This is one of the first, very likely the first, Duroc sale ever held in that part of the country. It will not be just a plain ordinary offering. These men have good Durocs and are anxious to help boost better hogs in their territory. With that idea in mind they have combined and will sell some of their hogs in order to arouse more interest in that section among farmers for Durocs. The advertisement in this issue gives description of the offering. Not many sales anywhere in Kansas carry the excellent family lines that will be represented in this sale. Read the advertisement and see that some of the most noted sires in the country are represented in this offering and that the family lines are sufficiently varied that any farmer or breeder in the market for good Durocs of any family will find something in this sale that will suit their demands. Write either Mr. Newell or Mr. Nickel for a catalog. Please mention Kansas Farmer. Send buying orders to J. T. Hunter who will represent Kansas Farmer at the sale.—Advertisement.

BY O. W. DEVINE

Missouri and Kansas Polled Shorthorn Sale

The Missouri and Kansas Polled Shorthorn breeders have announced March 13, 1923, for their next annual sale at Royal Livestock Pavilion, Kansas City, Mo. Forty head of useful cattle will be offered. They are splendid breeding cattle consigned by the best breeders of Polled Shorthorns in Missouri and Kansas. Among the special attractions is a roan cow, consigned by Mr. Parker and has never been defeated in the show ring, and will sell in this sale with a white bull calf at foot sired by Sultan Goods and is rebred to Champion Dale, the highest priced roan bull selling in our last year's sale. The Wenger Bros. of Versailles, Mo., are consigning a well bred herd bull prospect out of a high priced Scotch cow. L. W. Thieman of Aullville, Mo., is consigning a very high class roan Scotch bull sired by Graceful Sultan and several cows bred to Graceful Sultan. D. B. Thieman of Higginsville is consigning one fine red bull and one red heifer sired by Augustus, the chief herd bull now used in his herd. This bull Augustus will be shown at the sale but will not be offered for sale. For catalogs write to R. M. Moody, Lenexa, Kan., or D. B. Thieman, Higginsville, Mo.—Advertisement.

BY JESSE R. JOHNSON

Wiebe & Son's March 8 Sale

G. A. Wiebe and Son of Beatrice, Neb., are advertising their March 8th Poland China Bred Sow sale in this issue. On the above date they will sell 50 head of choice bred sows and gilts, sired by Designer Jr. by the $30,000 Grand Champion Designer, Liberator Boy by Liberator and bred to High Commander and Giant Liberator Buster. Be sure and get a catalog and attend this sale.—Advertisement.

Walker & Son's Poland China Offering

Thos. Walker and Son of Alexandria, Neb. have decided not to hold a second bred sow sale this spring. They have a choice lot of Poland China bred sows, fall yearlings and spring gilts bred to farrow in February, March and April that they will sell at private sale. If on the market for a bred sow or gilt look up their advertisement in this issue and get their prices. They also have a few outstanding September boars.—Advertisement.

BY R. A. McCARTNEY

The Closz-Bradford Holstein Sale

Holstein breeders should look for the advertisement of the dispersal sale of Closz and Bradford in this issue. On March 7 and 8 two good herds of Holsteins will be dispersed at the State Fair Grounds at Des Moines, Iowa. The two herds to be dispersed are among the good producing herds of Iowa and this will be an opportunity to purchase foundation stock from the best families of the breed. Look up the advertisement in this issue and write Hargrove and Arnold, sale managers, Norwalk, Iowa, for catalog.—Advertisement.

Regions of lighter rainfall in this state require great care in the selection of crops planned. Drouth resistant varieties of wheat and barley, early maturing corn and oats with alfalfa, Sudan grass and Sweet clover should be given much attention.

HORSES AND JACK STOCK

For Sale or Trade Any or All



7 Serviceable, High Grade, Large Bone, Reg. Jacks. Also 4 Young Jacks and 7 Jennets. Would make attractive price to clean up entire herd.
JOHN H. RUST, ESTATE, OWNER.
See or Address RALPH G. RUST, PARSONS, KANSAS

FOR SALE

Five extra good young Jacks, registered. The big boned kind.
JAMES A. LOWE, ERIE, KANSAS

Big Reg. Jacks

For sale, one or a carload. Priced very reasonable. Come and see them.
M. H. MALONE, CHASE, KAN.
J. P. MALONE, LYONS, KAN.

Jacks and Jennets For Sale

Closing out my high quality reg. animals. Price on individuals low or I will make a very low price on the whole bunch.
ELWIN W. DALES, EUREKA, KAN.

Registered Percherons

2-year-old stallion, black, weight 1900 lbs., extra good; clean legs, heavy boned. 4 young mares in foal.
CLEM BRUNKER, MANHATTAN, KANSAS

PERCHERON MARES AND STALLIONS

By son of Casino, and son of Granford. Out of good dams. The right kind.
VANDY G. KOLAR, HARDY, OKLA.

Mammoth Black Jack, 16 Hands

For sale. Would trade for cattle.
B. W. OBERHOLSER, BURDICK, KAN.

2 Reg. Percheron Mares

For sale, with foal to reg. stallion. One 3-year-old reg. stallion. PERKINS & MUNRO, Oswego, Kan.

Shire Stallions from prize Iowa stock.
Ready for service. John Franke, Herndon, Ks.

GREAT SHOW AND BREEDING JACKS

Priced right. Hineman's Jack Farm, Dighton, Kan.

SHIRE HORSES: A few stallions, brood mares and colts. Our own raising. Choice blood lines. H. H. Harvey, Clay Center, Neb.

STALLIONS, JACKS, MARES. Reg. Percheron stallions and 40 mares, 35 mammoth Jacks 15 to 16 hands. Priced right. Al. E. Smith, Lawrence, Kan.

HAMPSHIRE HOGS

Start Right and Right Now With Silver's Hampshires



BUY YOUR BRED SOW BY MAIL—From reliable breeder who specializes in mail order trade. 300 Bred Sows and Gilts, 30 Boars, all cholera immune, to select from. Same breeding as our Grand Champion Carload which won OVER ALL BREEDS at the AMERICAN ROYAL. Write for private sale lists which give pedigrees, weights, descriptions. Also ask for catalog of March 6 sale held at Stock Yards pavilion, Kansas City, Mo.
WICKFIELD FARMS, Box 8, CANTRIL, IOWA
F. F. Silver, Prop.



200 Hampshires

For sale.—Bred sows and gilts, fall pigs, both sexes. All immuned. Best breeding. Walter Shaw. Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

Whiteway Hampshires Shipped on Approval

Winners at the American Royal and the Chicago International. Choice spring gilts, big stretchy kind, weighing 300 lbs., either by or bred to grand champion boars. Fall pigs, pairs and trios.
F. B. WEMPE, FRANKFORT, KANSAS

Marcy and Crutchfield's Duroc Jersey Sale

Fall River, Kan., Saturday, March 3

25 Sows, 15 Gilts

Including a number by Uneeda Orion Sensation, Pathfinder Model, Orion Sensation Lad, Uneeda Pathfinder, Great Sensation 2nd. etc. Some will be granddaughters of Pathfinder and Great Orion Sensation.

Offering is bred to MASTER ORION by Pathmaster out of a full sister to Great Orion Sensation; UNEEDA PATHFINDER 10TH; and a son of Major Sensation Col.

We invite you to attend our first sale, a sale where you will find more well bred Durocs than are presented in many offerings where the breeder has had years of experience at raising and selling Durocs.

Send all buying orders to J. T. Hunter. Write for a catalog mentioning Kansas Farmer and Mail and Breeze. Address either

J. H. Marcy or E. H. Crutchfield, Fall River, Kansas

Nickel-Newell Duroc Sale

Dodge City, Kan., Saturday, March 10

40 young sows and gilts and a few boars. By Royal Lad by Pathrion, 1920 Topeka grandchampion, Super Sensation, Sensation Orion, Jack's Orion King A, Peerless Scissors, Pathfinder Jr., etc. out of dams by Pathfinder, Scissors Uneeda High Orion, etc. bred to Pathfinder's Pride, Orchard Scissors, Collos and Gold Master.

Southwestern Kansas farmers and breeders never before have had so great an offering presented them right in their own territory for getting so well bred an offering of Durocs. It is not only a well bred offering but so varied in families represented that buyers can get almost any family lines desired. Write for a catalog at once. Please mention Kansas Farmer. Address either

E. W. Nickel or E. L. Newell, Dodge City, Kan.
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Zink Stock Farms Duroc Jersey Sale

Turon, Kansas, Friday, March 2

35 Sows—3 Boars

More than half the females are sired by Great Sensation Wonder and bred to Great Pathmaster. Others are by Giant Choice Goods, etc. Females are bred to farrow March 12 to April 15.

THREE FALL BOARS BY GREAT PATHMASTER.

An offering of females bred too late to put in our February 7th offering but we assure you that it is an offering that compared favorably with the February 7th offering.

Write for catalog at once. Please mention Kansas Farmer and Mail and Breeze. Send mail bids to J. T. Hunter.
Auctioneer—Boyd Newcom. Fieldman—J. T. Hunter.

Coffey County Duroc Association Sale

Burlington, Kan., Thursday, March 15

37 bred young sows and gilts consigned as follows: A. N. Johns, Waverly, 2 head Pathfinders bred to a Great Wonder I Am boar; O. G. Criss, Agricola, 2 Sensation and Orion Pathfinder bred to Stilts Model 2nd; Archie Bear, Waverly, 2 Sensation and Orion; R. A. Weaver, Waverly, 2 Illustrator and Sensation; Amos Bazil, Hail's Summit, 4 Pathfinder and Sensation; H. A. Dressler, Lebo, 5 Pathfinder and Sensation, bred to Pathfinder boar; F. E. Thom, Lebo, 2 by Sensation sire out of Col. dam, bred to Orion Cherry King boar; B. F. Newkirk, Hartford, 2 by Great Orion Sensation out of dam by Scissors bred to Pathfinder sire and 6 Great Wonder breeding bred to son of Great Orion Sensation; Ralph Scott, Burlington, 4 Pathfinder and Cherry King Orion bred to son of Great Orion Sensation; Ivy Allen, Burlington, 6 Pathfinder and Orion Cherry King bred to a Sensation boar, littermate to 1922 American Royal junior champion out of a littermate to dam of Great Orion Sensation. It will be noted that this is an unusually well bred offering and a handpicked group from the best herds in Coffey county. Please mention Kansas Farmer.

Write Ivy Allen, Manager, Burlington, Kansas, For Catalog
Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

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Farm Organization Notes

BY RURAL CORRESPONDENTS

The Next World's Dairy Congress Will be Held in Washington, D. C., October 2 to October 5

ALL officials were re-elected at the annual meeting of the World's Dairy Congress Association held in Washington, D. C., a few days ago. This was the first annual meeting held since the formation of the association at the National Dairy Show of 1921 and was required by the laws of the District of Columbia under which the organization was incorporated a few months ago. President H. E. Van Norman announced that a score of foreign countries had signified their intention of participating in the Congress and that foreign individuals were showing a great interest in the movement. The place and date for the World's Dairy Congress will be Washington, D. C., from October 2 to 5, 1923, and the big job of completing the arrangements for the meeting is well in hand, according to reports submitted by officials.

The officers of the association are as follows: President, H. E. Van Norman, president of the National Dairy Association; senior vice-president, Robert Scoville, president of the American Guernsey Cattle Club; treasurer, Henry N. Brawner, Jr., of the Chestnut Farms Dairy, Washington, D. C.; honorary president, Henry C. Wallace, Secretary of Agriculture; honorary vice-president, C. W. Larson, Chief of the Dairy Division, U. S. Department of Agriculture, and B. H. Rawl.

Valuable Book on Wheat Marketing

One of the most interesting and instructive books ever prepared by the Kansas State Board of Agriculture has just been brought to our attention. It is entitled "Co-operation in Marketing Kansas Wheat" and is the work of Theo D. Hammatt, special assistant secretary of agriculture, prepared under the direction and supervision of J. C. Mohler, secretary of the board.

Among the subjects discussed are, Aspects of the Wheat Marketing Situation in Kansas from the Farmer's Viewpoint, Co-operative Grain Marketing in Canada, Co-operative Fruit Marketing in California, Northwest Wheat Growers' Association, Kansas Co-operative Marketing Law, Capper-Volstead Act, and the Kansas Warehouse law.

Mr. Mohler and Mr. Hammatt are to be congratulated on having gotten together so much valuable information in such a small space. Every farmer in the state should have a copy of this book which will be mailed free of charge to any one on request to J. C. Mohler, secretary of the Kansas State Board of Agriculture at Topeka, Kan.

Farmers' Union Elects Officers

The Nemaha County Farmers' Union reports a very successful year's work for 1922, according to a report just made public. The organization has 31 locals in good standing with an enrollment of 1,134 members.

At a recent meeting the following officers were elected for the ensuing year: G. W. Cashman, president; Tom Root, vice president; Joel Strahm, secretary-treasurer; Mrs. Alice Williams, lecturer and organizer; Peter Bieri, conductor; Harvey Strahm, doorkeeper. A. A. Rokey, John J. Aziere and Earl Spring as members of the executive committee.

Jefferson County Grange Meeting

The Jefferson County Pomona Grange met with the Pleasant View Grange No. 1459 for an all day meeting recently. Two hundred members were present. After a short session in the forenoon a bounteous dinner was served by the Pleasant View Grange. In the afternoon a business meeting for the election of officers was held. W. L. Leaverton was re-elected master, J. C. Puderbaugh, secretary; and Mrs. John Campbell, lecturer. At the business meeting the following resolution was adopted: "The Jefferson County Pomona Grange unalterably opposes the program as outlined by the Kansas 'School Code Commission,' especially the plan for consolidated schools."

Stratton Equity Reaches $50,000 Mark

The Equity Union Exchange of Stratton, Colo., is making an excellent showing and it has now reached the $50,000 mark. The total capital paid up by its members now amounts in round numbers to $51,575 for the period covered from May 20 to December 9, 1922.

The Stratton Equity is operating a grain, coal, feed, lumber, and implement business. It also conducts a very successful broom factory. The total sales of the Stratton Equity in all of these lines for the period mentioned amounts to $144,054.21. Frank Parks is president, George Idler is secretary, and J. W. Hoot is manager.

Beet Growers File a Kick

No sugar tariff or a fair price for beets is the demand of the sugar beet growers of the Mountain states in their annual controversy with the Great Western Sugar Company of Colorado.

The sensational charge has been made by Fred Cummings, president of the Mountain States Beet Growers' Association, that the people of the United States pay enough in sugar tariff to amount to $270 an acre for beet land.

"Either the company gets that and makes huge profits, as their dividends tend to show, or nobody gets it," Cummings says.

Kansas Wheat Growers' Association

The plan of the Kansas Wheat Growers' Association to establish the national sales agency in Wichita, Kan., is receiving wide and favorable comment by civic organizations and by individuals, according to J. A. Carpenter, chairman of the legislative committee. The agency, wherever it is located, will handle 100 million bushels of wheat from 10 states. If located at Wichita it will make that city the largest grain center in the world, it is said. It would also take there several nationally known men as officers of the agency.

A concerted movement by representatives from the 10 states probably will be made soon to induce Herbert C. Hoover, secretary of commerce, to resign and accept the position with the growers at a greatly increased salary as managing director, it was said.

Tobacco Growers get 7 Million

Checks totaling 7 million dollars reached a hundred warehouses of the Tobacco Growers' Co-operative Association in the old belt of Virginia and North Carolina recently, according to officials of the organization.

The second cash payment to more than 40,000 growers in 50 counties of two states will be made by the warehouse managers of the association at all its tobacco markets of the old belt at an early date.

Half Million Club Members

More than 505,000 farm boys and girls representing practically every agricultural county in the country, were enrolled in agricultural extension clubs in 1921.

They raised or produced in their work 30,000 acres of corn, 2,000 acres of potatoes, 31,000 swine, 3,700 beeves, 6,000 dairy animals, 566,000 chickens, 2,600,000 quarts of canned fruits, vegetables, and meats, 347,000 articles of clothing, and 370,000 loaves of bread, as well as wheat, beans, sheep, garden and orchard products, and others, totaling $7,069,877 in value.

About 2,500 county extension agents directed the activities of these boys and girls and 10,000 local men and women.

To: Montgomery Ward & Co,
Dept. 40-H
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Please mail me my free copy of Montgomery Ward's complete 1923 Spring Catalogue.

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