

KANSAS SECTION THE CAPPER FARM PRESS

# KANSAS FARMER AND MAIL & BREEZE

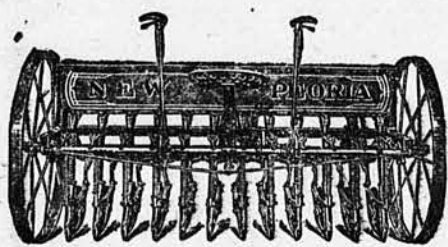
Volume 60

July 29, 1922

Number 30







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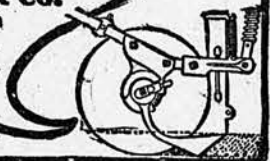
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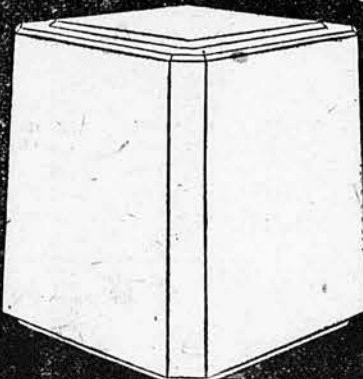
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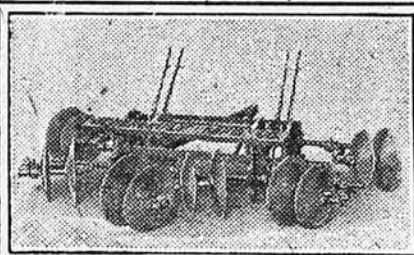


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## Farm Organization News

BY RURAL CORRESPONDENTS

**H**OG feeding demonstrations of an interesting character will be carried out by Harry Heaton, who lives east of Neosho Rapids, according to Cecil L. McFadden, Lyon county agent. Mr. Heaton will feed part of his hogs with the self-feeder and a part will be fed by hand. Careful records will be kept of the time, and cost of feed, that each lot receives, and of the gains made by each lot. At the completion of the test the results will be given to the farmers of Lyon county.

#### To Fight Chinch Bugs

Leo D. Ptacek, Ness county agent, is urging farmers in that county to put on a combined effort to control chinch bugs. Mr. Ptacek says that where corn fields, or other crops likely to be injured by the bugs, adjoin wheat fields dust furrows and barriers should be made to prevent bugs moving out of the wheat into the other crops. Mr. Ptacek is advocating the burning of all fence rows, road sides, before next fall. These places provide a good winter hiding place for chinch bugs and cleaning up these retreats will do a great deal towards lessening the number of bugs next year.

#### Uses Cement Stave Silo

R. H. Hanson of Concordia filled his silo three times last year, according to Theodore F. Yost, Cloud county agent. The first time it was filled with green feed and the second and third times with dry feed.

Mr. Hanson says the dry feed cut into the silo is not quite so good as the green feed, but it makes first class silage and is much better than when fed dry. The most essential point in filling a silo with dry feed is to supply sufficient water. Mr. Hanson has a cement stave silo with a capacity of 150 tons.

#### Capons Worth More Than Cockerels

A caponizing demonstration has been scheduled to be held at the home of Mrs. E. S. Jennings, who lives southeast of Brownell, according to Leo D. Ptacek, Ness county agent. Mrs. Jennings has a large well kept flock and is one of the most successful poultry raisers in Ness county. She thinks that caponizing is the best way to get a good price for the late cockerels, since the market is usually overloaded at the time these are usually sold. Capons bring a much better price than cockerels.

#### Orchardists Find Spraying Pays

Reno county orchards are looking fine according to Sam J. Smith, county agent. Mr. Smith recently made a tour of several of the orchards in company with L. C. Williams, specialist in horticulture from Kansas State Agricultural College. The orchard of Harold Pennington, Hutchinson, was

one of those visited. This orchard was well sprayed in the spring and no wormy apples could be found. All the orchards are particularly free from such diseases as blotch, scab, and no codling moths were seen.

#### More Prizes for Spotted Polands

Spotted Poland China breeders of Washington county held a meeting recently at the call of R. R. Frager, Washington, chairman of the Spotted Poland breeders of the Washington County Livestock Improvement Association. The meeting was for the purpose of nominating herds for a futurity class at the Washington County Stock Show next fall. If 10 herds are nominated premiums of \$200 will be obtained for this class. Half will be given by the Spotted China Record Association and half by the breeders nominating herds.

#### Builds a Model Farm Home

H. B. Mader, of Jackson township, Anderson county, is building a new house, according to A. W. Foster, county agent. The new house will contain nine rooms with a wide porch across the entire front and east sides. The plumbing will be complete with a bath room on the first floor and laundry in the basement. The house will be equipped with a furnace and electric lights.

#### Disking Wheat Increased Yield

Disking the stubble immediately after harvest is being advocated by Arvid Nelson, Sherman county agent. Mr. Nelson says that disking has given 4.4 bushels increase in yield more than in ground which was not disked but plowed late in the fall.

He says this will tend to prevent the growth of weeds which exhaust available moisture and plant food. It also gets the soil in condition to absorb rain and keeps it in condition favorable for plowing.

#### Farmers Organize Flax Pool

A growers' flax pool is being organized in North Dakota and Montana. Kansas flax growers might also do well to organize a pool.

#### Hepler Wheat Averages 15 Bushels

W. E. May, who lives near Hepler, reports that wheat in his neighborhood is making about 15 bushels to the acre, according to Avery C. Maloney, Bourbon county agent. Mr. May says that soy beans, corn and timothy are quite good, but that alfalfa is a little short.

#### Kanota Oats for Best Yields

Kanota oats will outyield the Texas, Iowa, Nebraska and Burt varieties in Marshall county this year, according to N. D. Meeker of Summerfield.

## Radio for Our Readers

BY FRANK A. MECKEL

**I**F YOU are at all interested in radio, you should be stringing up a few aerial wires and getting your receiving sets in working order, because the Kansas Farmer and Mail and Breeze has something up its sleeve in the radio line.

Our big broadcasting station is now under construction, and we hope to have it working by August 1 so that we can broadcast the returns of the primary elections that night. That will be something new in radio too, by the way, and anyone with a receiving set can "listen in" on the election returns and know the results long before he would know them otherwise.

We plan to broadcast weather and market reports every day after we get into regular operation, and the Kansas Farmer and Mail and Breeze readers as well as lots of other folks will be able to get the very latest market news and crop reports before it is a day old or more.

Aside from this service, we will broadcast musical programs and other forms of entertainment for the farm folks on specified evenings. We don't know just what evenings, but we'll let you know pretty soon. So you get busy with the receiving end of this radio and we will hustle our end of it along, and then we can keep in closer touch with you than ever before, and talk to you all at the same time.

Our station will be in charge of Russel Planck, a veteran of the World War, who was a radio operator on the George Washington for two years, and was on the job when Woodrow Wilson took his trips to Europe on that ship. He was later an operator in the merchant marine, and what he doesn't know about this radio business is not worth knowing. He will conduct the radio column in the Kansas Farmer and Mail and Breeze and if you have any questions to ask about radio, ask him. He can tell you if anyone can. Keep your ear to the wind, and you may hear us any time.

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# KANSAS FARMER and MAIL & BREEZE

July 29, 1922

By Arthur Capper

Vol. 60 No. 30

## Hens Earn as Much as a Farm

With an Annual Production of \$2,000 to \$2,500 Clay County Farmer's Flock is Making 200 Acres Hustle to Show as Great an Income

By Ray Yarnell

FOUR years ago Herman Koch's flock of White Leghorns began producing at the rate of \$2,000 a year. The birds haven't fallen below that mark since, but last year the checks for eggs, cockerels and hens totaled more than \$2,500.

Koch's seven room, modern bungalow-type dwelling was financed in the poultry house just behind it. The hens paid for the electric plant that supplies light and power. They bought the pressure water system, the plumbing and the bath room fixtures.

The poultry house in which the money is made was paid for by the hens. They also helped build the barn, the granary and storage house, a garage and a good car to go in it.

For several years the production of Koch's poultry has been worth as much as the crops he raised, altho until 1922 his flocks have averaged from 400 to 500 birds. He now has 700 birds and he plans to bring his flock up to 1,000.

### Raised Chickens for 15 Years

Koch has been raising chickens ever since he started farming 15 years ago. He has had White Leghorns for nine years.

Fifty Leghorn hens started Koch on the road to prosperity with poultry. The next year he increased the flock to 250 hens, later going to 300.

Marked success with the flock followed the erection of a large, well-designed poultry house four years ago. It is 68 feet long and 14 feet wide. Since then another house, 40 by 12, has been erected and Koch plans to build an addition this fall. The present equipment will care for 700 birds, altho it is a bit crowded.

The houses are floored with concrete. The roof is 7 feet at the peak and 5 feet at the north wall. The main

house is divided into three sections by sliding wooden doors which prevent drafts. The annex is used as a scratch pen.

When Koch first built the house his flock suffered seriously from roup.

He put ventilators in the back wall near the floor and at the top of the front wall. Tar paper was nailed across 2 by 4's so the air would circulate thru the opening but would not strike the birds. A flap of tar paper

was left loose so these openings could be closed and opened as desired. In the summer the flaps are tied back so the maximum amount of ventilation may be obtained. In the winter they are partly or entirely closed, according to the weather.

A preparation of equal parts of machine oil, coal oil and dip painted on the roosts and on the sides of the house, solved the mite problem. Koch says the mites cannot stand the grease. Since using this preparation he has had no trouble from them.

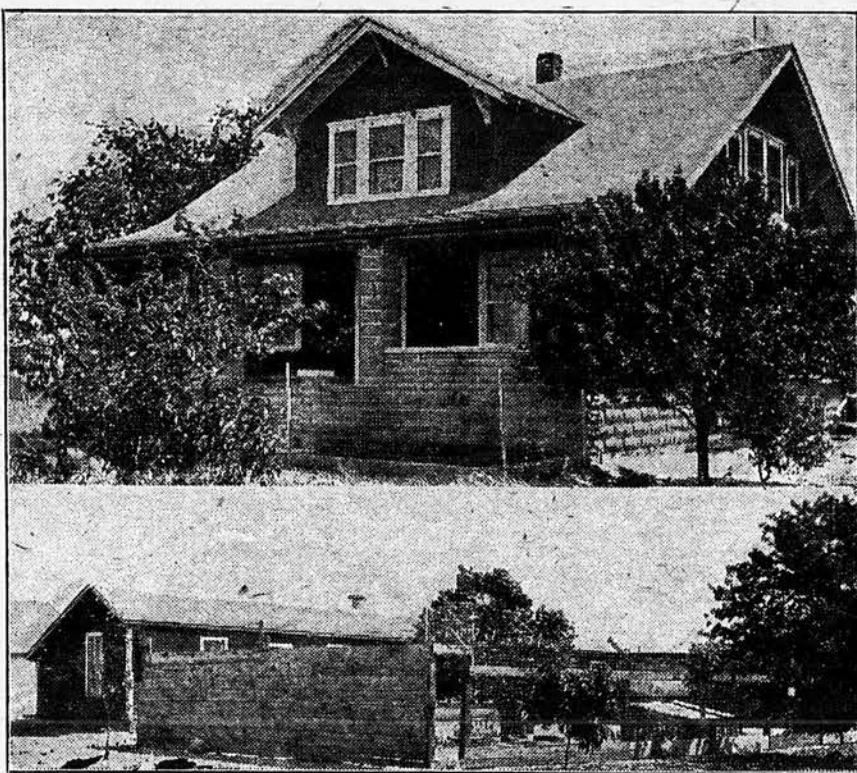
This flock has never been forced by the use of artificial light to lengthen the day altho Koch is figuring on using electricity to a limited extent in the winter. Much of the success of the flock is attributed to the ration fed and to the comfortable quarters.

### Rations for Laying Hens

Rations given laying hens consist of grain and mash, supplemented with milk. The grain ration is made up of nearly equal parts of oats, kafir and shelled corn. The mash, fed in large hoppers in the poultry house, consists of equal parts of bran and finely ground corn. Sometimes he uses shorts instead of corn. For green feed in winter Koch raises wheat or rye in his orchard.

Up to June 14 this year Koch had sold 57,828 eggs, or 4,819 dozen. This was in addition to all the eggs used by the family and 100 dozen eggs that were hatched. His total production for the period was considerably in excess of 4,900 dozen. For the eggs sold Koch received \$1,137.46.

During the same period he sold cockerels for \$103.01, roosters for \$6.24 and hens for \$6.48. He still has 100 hens to sell. His total income from the flock in the first 165 days of the present year (Continued on Page 22)



The Modern Home of Herman Koch of Clay County and the Poultry Plant Where White Leghorn Hens Made the Money to Pay for It

## For Higher Wheat Yields in 1923

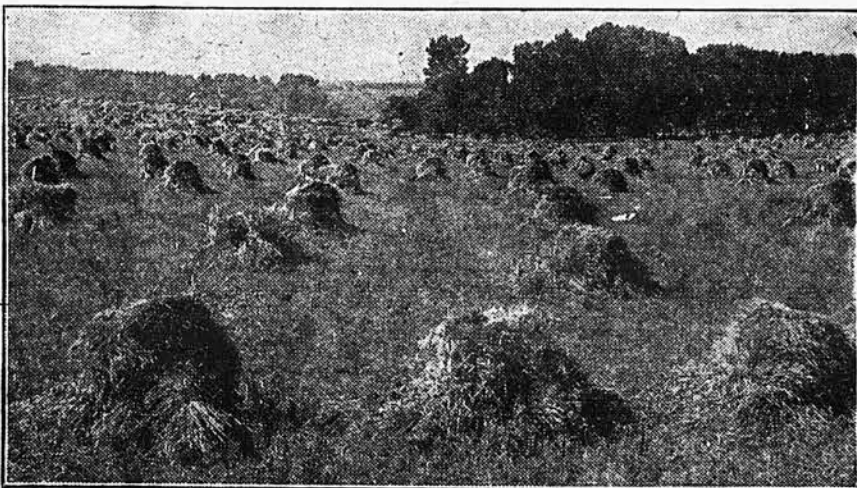
AVERAGE wheat yields for the crop of 1923 can be increased greatly if some efficient work is done between now and seed time. Judging from the reports over the state it seems likely that better methods will be used this year. We seem to be headed toward an increase of our average yield of 14.3 bushels, which is disgracefully low. We certainly ought to be able to bring this about in this, the greatest winter wheat territory in the world.

Probably the main thing needed is to finish the plowing, or listing, just as soon as possible. Deep stirring, 6 inches or more, should be the rule up to August 15; after that it will be best to cut this depth down to about 5 inches. Fortunately the conditions have been fairly favorable for plowing and much of the acreage already is covered, especially on the farms where tractors are available. The big thing in seedbed preparation is to work the soil repeatedly with a disk or harrow between now and seeding time.

If this is done the soil will tend to get into ideal condition by the time the crop is put into the ground. The fields should be firm, with a little loose dirt on top, and with an abundance of moisture and available plant food. This will enable the wheat to make a prompt start, and to get well established before cold weather comes. Repeated cultivation of the land also will kill the weeds and the volunteer wheat, and thus aid in avoiding insect

damage that cuts down the profits. In an investigation conducted by J. C. Mohler of the Kansas State Board of Agriculture, 942 farmers stated their practice in handling the seedbed after plowing and prior to sowing the seed. Of this number 383 harrowed the land from two to four times, with no other treatment; 315 used the disk followed by the harrow; 59 used the harrow before the disk; 31 used the harrow and soil packer; 18 followed the harrow with a drag; 31 employed the harrow, disk and har-

row, in the order named; and 105 were content with the use of the plow alone. While the method of treatment employed depends largely on the seasonal condition of the land, marked differences exist in different parts of the state. Less intensive methods are practiced in Central and Western Kansas than in Eastern Kansas because of the larger acreages in wheat, the lighter rainfall, and the danger of soil-blowing if the surface is worked too smooth and fine in preparing the seedbed.



Where Real Seedbed Preparation and Quality Seed Helped in Producing High Yields; the Average Wheat Production of Kansas Can Be Increased Greatly

Good seed also has a big influence on wheat yields; it has been shown, for example, that the use of Kanred wheat will increase the return 3 bushels or more over the yields from other hard wheat varieties. No matter what variety is used it should be pure, or as nearly pure as possible, and high yielding. The hard wheat growers can get pure varieties; so far as we know there is no pure soft wheat in Kansas, but some farmers are growing varieties very nearly pure that are excellent for seeding purposes.

If you are in doubt as to where to get pure seed, you may obtain this information on application to S. C. Salmon, secretary of the Kansas Crop Improvement Association, Manhattan, Kan. This association has prepared a list of the growers of good wheat in Kansas; it is based on the reports of inspectors who went over the fields after they were headed and before they were cut. At this time it is possible to determine exactly the percentage of mixture, and the amount of injury from insects, diseases and weeds.

A combination of good seedbed preparation and pure seed, which we are going to get this year in Kansas on a far larger number of farms than in any past season, means better yields next year. The outlook is decidedly encouraging. If we all pull together toward the goal of high wheat yields next year, we will make larger profits than has been the rule with the crops of the past in this wonderful state.



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# Passing Comment—By T. A. McNeal

**R**EGARDLESS of party I think a great many persons will learn with sincere regret that Eugene V. Debs has gone to a sanitarium because of a nervous breakdown. This probably means the end of his picturesque career. Whatever you may think of the measures advocated by Debs I believe it will be conceded by those who know him that he is a most kindly, honest and unselfish man.

## The Industrial Court Law

**P**OSSIBLY you may have read the proclamation of the governor to the Wellington merchants. It is interesting. Here it is:

"I am informed that the merchants and others at Wellington are being requested to post signs in their places of business, declaring they are in 100 per cent support of the railway strike. The law provides that any act is unlawful which to any extent interferes with the operation of the railroads. Such acts by merchants constitute conspiracy to interfere with and suspend efficient railway operation. Such persons should be warned of consequences of this kind of participation in the maintenance of this strike and if the same becomes general it will necessitate state interference."

If Governor Allen's interpretation of this law is correct then it is the most tyrannical and unjust enactment ever placed on the statute books of this state.

If it is made a crime to express sympathy with either side in a controversy of this kind that is a deprivation of the right of free speech and it is contrary to the principle of freedom on which our Government was founded.

It may be recalled that when I made an analysis of this law some months ago and reached the conclusion that it was based on a wrong principle I said that carried to its logical conclusion it meant industrial despotism. If there was any doubt about the correctness of my conclusion Governor Allen has removed that doubt.

## Corn in Kansas

**I**HAVE learned from long and sometimes painful experience not to make predictions about Kansas crops before the crops have matured. I know that there is plenty of time yet to ruin the corn crop, but I will say that in all my years in Kansas I never have seen a better prospect for corn at this time of year. Nearly every field is clean; and in nearly every field there is a good stand and the corn has a beautiful green color.

If nothing happens within the next three weeks to damage the crop I think it will show one of the greatest yields in the history of the state, not so big as the crop of 1889, perhaps, but it may crowd it some.

## Cheap Transportation

**I**AM hearing some remarkable stories from returning tourists about the cheapness of travel by automobile. If they have kept accurate account it is about four times as cheap to travel that way as by rail.

This raises the question: Will our transportation system be revolutionized by the automobile and the truck with trailers? It may be that when we have a complete system of good roads it will be found that both freight and passengers can be hauled more cheaply by automobiles and autotrucks than by rail. If so all the controversy over strikes may settle itself.

I am not predicting that this will occur, but it is within the list of possibilities.

## Concerning Public Business

**E**VERY once in a while I hear some one say that public offices ought to be filled with successful business men. The most ideal public official I think I ever have known was not a successful business man. I was acquainted with the late Samuel T. Howe for a great many years. I knew him first when he was serving the state as state treasurer.

He was acknowledged to be a model state treasurer attentive to his duties and thoroly posted concerning the state's finances. His integrity was never questioned while in that very responsible position.

I knew him afterward when he was cashier of a bank. This bank could not be called successful but

it was no fault of Samuel T. Howe and when it went out of business every depositor promptly received his money. I next saw him as local manager of a telephone company and here again there was the same careful, competent attention to his duties.

I watched his course for nearly 16 years in the position of tax commissioner, a most trying position and one in which a man was likely to be subjected to severe criticism, but thru all those years I never heard him adversely criticised. His career was really a wonderful record and yet he never was a successful business man. He was especially fitted for public service, honest and competent. His judgment on almost any financial question was excellent but he never made a fortune for himself and scarcely left a competence.

He loved his work as a public servant and gave unstintingly of his time and talents. Now the successful business man could scarcely have given to the public service the undivided and efficient service that was given by Samuel T. Howe. In fact I think that often a successful business man might not make a good officer just because of this impossibility to concentrate his intellectual powers on public business. The successful business man usually gives the very best there is in him mentally and physically to his private business and lacks the broad vision and the unselfish idealism that are necessary to make the best kind of a public servant.

## Conflicting Strike News

**J**UST now we are having a great strike of the shop men on the railroads of the United States.

I have in a previous review stated the contention of both sides. Now that the strike has actually been called it is difficult to get the truth concerning the situation. The railroad managers generally assert that the strike is failing while the leaders of the strikers say the lines are holding well and that the strike is nearly 100 per cent. There are rumors of a compromise as this is being written but no tangible information is to be obtained. My opinion is that some sort of compromise is likely but I have very little real information on which to base that opinion.

So far there has been little disturbance anywhere, but it is hardly reasonable to believe such a condition can continue long, if the strike continues. The leaders of the striking forces in all probability do not want trouble in the way of violence but there are restless spirits who will almost certainly start things, and once trouble is started it is likely to be serious.

## Right of Collective Bargaining

**I**BELIEVE in the right of collective bargaining. I believe in the right of men and women to form unions and as unions to engage in collective bargaining. A collective bargain between a labor union and an employer is a contract that the members of the union will work under certain conditions for a certain length of time. Granting the right to make such a contract it follows logically that at the end of the period covered by the contract the union has the right to bargain to continue it or to refuse to continue it.

If no agreement can be reached between the employer and the union then the union has the right to discontinue as a body the work it has been doing and that is a strike. Naturally the union will try to force the employer to agree to its terms, not necessarily by physical force but by making it impossible for the employer to get other workers to take the place of union men or women.

In theory that ought not to lead to violence but it generally does. There is bound to be more or less irritation, crimination and recrimination. Manifestly there ought to be ways of settling labor troubles without waste and violence—perhaps we shall sometime get sane enough and tolerant enough to find this way.

## Clouds on Political Horizon

**A**S THE time approaches for statewide primaries the interest in political matters increases. The most interesting contest now near at hand is that of Senator LaFollette, of Wisconsin, for re-nomination and election. While LaFollette still calls himself a Republican, he scarcely ever affiliates with the Republican majority in the Senate. He opposes virtually every party measure and has built up a party of his own in the state of Wisconsin.

There will be a strong effort made to defeat him for renomination, but I think it will fail. It may be that the personal following of LaFollette has declined somewhat in Wisconsin, but I have seen no evidence of it.

Other Senators are having trouble and there is the Federal Tariff bill and the Federal Bonus bill looming up as dark and threatening clouds on the political horizon. President Harding is urging a ship subsidy but is reported as opposed to the bonus bill unless a sales tax is enacted. To give 50 millions to ship owners and refuse to pay the bonus to soldiers on the ground of economy, would be disastrous and probably cause the defeat of a large number of Congressmen and Senators.

The primaries so far have not been satisfactory to the Administration no doubt, and yet it is quite possible that they may save the party from defeat. Had reactionaries, or those who are generally designated as reactionaries, been nominated in Iowa, Indiana and Pennsylvania they might have been defeated at the polls. The Progressives who were nominated will undoubtedly be elected.

## The Tribute of a Friend

**I**AM not certain that I am justified in reproducing on my own editorial page the following tribute written by Charlie Sessions, ex-secretary of state and formerly a member of the Kansas Public Utilities Commission. It seems to me that it is a good deal better than I deserve but that I am human and exceedingly pleased to know that a man who has known me for 30 years wrote it. So possibly you will excuse the seeming immodesty on my part. At any rate here it is:

"It seems to be the fashion these days to 'issue a statement' telling why you are for some particular candidate for governor. Desiring always to be in fashion, politically at least, I submit these remarks:

"I am for T. A. McNeal for governor and have no second choice. When a man has a second choice it is a sign that he has no first choice. I am not 'against' the other candidates, who are all first class men and good Republicans. I simply am for Tom McNeal. And here are my reasons:

"A candidate for governor should be measured by his character, his ability, his usefulness to his state and his humanity. Whether you measure Tom McNeal with a yard stick or a dry measure, throw him on the scales, he meets every test.

"Character. No man, anywhere, has led a cleaner life. His family life has been ideal; his public life an open book. He never has been touched by a breath of scandal. His consideration for the opinions of those who differ with him, his fine sense of honor and his kindly manner appeal to all Americans. His desire first to make sure of his duty and then to do it, without fear or favor, is his chief characteristic. To know him is to love him and respect him.

"Ability. He knows Kansas and her needs. No man has given more thought to the problems of the Kansas farmer, the Kansas laborer and the common everyday Kansan than he has. He really loves Kansas and its people and his heart beats true to the best traditions of the commonwealth. As a public speaker and debater he has few equals; as a writer he is in a class by himself. While his conclusions on big questions may occasionally differ from yours, he is always gracious enough to accord you the privilege of standing by your convictions without abusing you. Without reflecting in any way on the other candidates, I believe Kansas has no man better equipped for the governorship than T. A. McNeal.

"Usefulness. As a legislator, as secretary to Governor Hoch, as state printer and as state textbook commissioner, he has always made good. His record as state printer, under the new regime, is one of the refreshing chapters in the history of Kansas. Some of the candidates are telling how much they will save the taxpayers if they are elected. Tom McNeal, by his adamant stand for state publication of school books, thru a most critical period, did save the taxpayers over 1½ million dollars during the last five years. This is common knowledge at the state house. And he did it without hope of reward. He did it because he felt it was right. So if you are looking for a candidate who will save money, why not vote for the one that already has saved you money? By his works ye shall know him.

"Aside from his career as a public servant, Tom McNeal has a claim to your support. For more



an 40 years he has diligently studied the problems of Kansas people, in the shop, mine and on the farm; he has lived the life of the common people, knows their hopes and aspirations and has written volumes for their benefit. Their troubles have been his troubles. He has helped them in adversity and rejoiced with them in their achievements. He abhors crookedness, in private or public life.

"And lastly, he doesn't propose to violate the law in regard to campaign expenditures, even to become governor. The law says a candidate can spend \$500. That is a small amount. But it is all on McNeal will spend or permit to be spent for him. He says if a governor violates the law to get to office he is not in very good condition to enforce other laws against other people.

"I am just a trifle curious to learn whether the people of Kansas will join hands and elect a man for governor who complies to the very letter with the law in regard to campaign expenses."

## The Two House Legislature

THE editor of the Farmers' Unionist of Salina, takes the following shot at me:

"T. A. McNeal, editor of the Kansas Farmer and Mail and Breeze and candidate for the Republican nomination for governor on the Republican ticket is worried over the inefficiency of the present House of the Kansas legislature. He would change the constitutional number from 125 to 30. Such a change, in his opinion, would enable the House to do better work, do it in less time and make possible a longer session. With all due respect for the opinion of McNeal, who is always picturesque, vivid and interesting even when he is either convincing nor logical, he has an entirely wrong ideal of legislative efficiency. The executive department of government should be able to get quickly.

"Hesitation, delay or indifference in the enforcement of law is always bad. In making laws however, consideration, debate and investigation are necessary before enactment. After a measure is passed on the statute book it stays there a good while. No matter how vicious it may be it usually takes years to obtain its repeal, or annulment by the courts. A body of 30 legislators could not be representative of all the people and all the interests of Kansas. It might enact laws with more speed than is now possible, but it is wisdom rather than haste that is needed in legislation."

The two-house legislature is a relic of monarchy. When the people of England succeeded in getting the right to a share in the government thru the House of Parliament, the monarchy and aristocracy held to the titled House of Lords in order to check the will of the people as expressed by Parliament.

Alexander Hamilton, perhaps the most brilliant statesman of his day, was an ardent admirer of the British government and used all of his power and great intellect to model ours after that of England. Could he have had his way the President of our Republic would have been elected for life instead of for a term of four years. While Hamilton believed in a strongly centralized government and distrusted the people, he was aided in obtaining the double House of Congress by the opponent of a centralized government who desired a Senate so that the states might have an independent body that would be able to check the power of the lower house. When the amendment was made to the Constitution providing for the election of Senators by popular vote it took away about the only plausible reason for the continuance of the double House of Congress. It is time this relic of aristocracy and monarchy was abolished.

The argument of the editor of the Farmers' Unionist is amusing and astonishing. It might be excused if coming from an editor who never had witnessed the doings of a legislature but the editor of the Farmers' Unionist has not that excuse. I fully agree with him that "in making laws, consideration, debate, and investigation are necessary before enactment and that it is wisdom rather than haste that is needed in legislation."

Certainly, no man who has watched the proceedings of a legislature, the manner in which bills are introduced and shunted thru and the manner in which each house passed the buck to the other; the way in which bills are handled in committees; the demeanor of the legislators during the sitting of the committee of the whole house or of the Senate for that matter, can say that either wisdom or deliberation characterizes the conduct of our legislature. It is exactly that which Editor Lansdon says is necessary to good legislation which could be accomplished better with a single legislative body of 30 picked men and women than by a two-house legislature 90 per cent of whose members must vote in haste and with little consideration because they have neither the time nor opportunity for consideration, debate or investigation.

If I had the time and space I could fill pages with examples of hasty, ill-considered legislation that I will content myself by giving the opinion of one of the most experienced and progressive members of the United States Senate, Senator George Norris of Nebraska. He says: "One of the evils, in my judgment, of our legislative system is the two-branch legislature. It applies to all the states and also to the Federal Government. Jokers get into conference reports, valuable things are expended and it is almost impossible to locate the responsibility. There is no record of the proceedings before the conferees and there is no way of determining who is responsible. The model legislature would consist of one body only and then it never could be possible for things like this to happen."

There would be a record vote and roll call and the people would be able without any question to put their fingers on the man responsible for the legislation. Such a system would not only be fair to the honest legislator who wishes honestly to represent the people, but it would make it impossible for a dishonest legislator to block legislation that the people desire without having the responsibility placed directly on himself.

Editor Lansdon says that a body of 30 legislators could not be representative of all the people and all the interests. Just how he comes to this conclusion I do not know. We have two Senators elected by a majority of the voters. Does Mr. Lansdon say these two Senators cannot represent all the people and all the interests of Kansas?

We have eight members of Congress; that is just a little more than one quarter of 30. Does he mean to say that eight Congressmen cannot represent all of the people?

In his own organization the real work is done by an executive committee. I am not posted as to the number of this executive committee, but I apprehend it is considerably less than 30. Does he hold that this limited executive committee cannot represent all the membership of the organization?

## Farmers' Service Corner

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

### Insurance on War Veteran

Would the widow of a World War veteran continue to receive her life insurance should she remarry?

R. A. M.

Yes, she would be entitled to the insurance.

### Rights of Husband and Wife

A and B are husband and wife living on a farm near Oberlin, Kan. The farm belonged to B before her marriage to A. Can B rent the farm and compel A to move off? He doesn't improve the place and doesn't wish to move. The farm consists of 320 acres.

A. B. S.

Yes, the wife has the right to control her own property and can rent it to someone else than her husband if she so desires.

### Children Inherit Equally

A and B who were husband and wife are divorced. A kept one child and B kept two. In case of A's death would the children the court gave to B inherit any of A's property?

N. B.

Unless A otherwise provided by will, these children would inherit equally with the other child.

### Not Entitled to a Pension

Can the child of a Civil War veteran who was born with a deformed foot receive pension or back pay?

Y. Z.

No, he is not entitled to any pension.

### Question of Property Rights

A and B own lots adjoining. B does not care to have a dividing fence put up but A wishes to put up a fence for his own protection and does so, putting the fence exactly on the line. Can this be done lawfully or should he put it a certain distance from the line? Can A be forced to move the fence off the line by law?

J. B.

I am of the opinion that A has the right to build this fence on the line at his own expense.

## First Fight for Muscle Shoals Lost

THE first battle for the Henry Ford development of Muscle Shoals has ended in defeat. Or perhaps it would be more accurate to say in a dog-fall. The Senate Committee on Agriculture declined by a vote of seven to nine to report favorably the Ford proposition. Likewise, by a vote of six to eight, the committee decided against the Norris bill for Government development of the project.

To put it another way, the bill containing the Ford proposition will be reported to the Senate with a majority report opposing it and a minority report favoring it. The Norris bill also will be reported to the Senate with a majority report opposing it and a minority report favoring it.

While the Ford proposition failed to get a majority vote of the committee, so did the bill sponsored by the chairman of the committee, Senator Norris of Nebraska. The final battle will have to be fought out on the Senate floor.

Senator Ladd of North Dakota, and myself and five Democratic members of the committee, made up the seven Senators who stood by the Ford proposition. Senator Page of Vermont, who was absent, had authorized Senator Keyes to vote for him, and Keyes, voting with the seven Senators in the Norris group, made the majority of one against the Ford offer.

I am for the Ford proposition unreservedly, because Henry Ford is the best man in the United States to handle the Muscle Shoals job. When I make a personal business deal for any man's services, I select the best man I can find regardless of his political views. In the same way I am for

Ford and his proposition without reservations. Furthermore, Ford's proposition is the only private proposal having enough merit in it to entitle it to any consideration whatever. On this point even the committee was unanimous. The proposal of the Alabama Power Company and the other two private proposals were rejected by the committee at once, as being wholly lacking in merit.

It is plainly a case, either of the development of this great project by Henry Ford, or its development and operation by the Government under direction of Secretary Weeks of the War Department. I think the farmers prefer Ford to Weeks for this big job. They believe that Henry Ford, an intensely practical industrial genius, will come nearer to smashing the Fertilizer trust than will Secretary Weeks, whose close affiliations with big business are a matter of common knowledge. Nor have the farmers forgotten that Secretary Weeks has on numerous occasions publicly expressed his opposition to the farm bloc, and has shown no sympathy for agriculture or interest in the problems of the farmer. Ford wants to see the farmers have a fair chance.

After being here on the ground in Washington and seeing Government mismanagement of railroads and Shipping Board at close hand, I have no hesitancy in supporting the Ford proposition strongly.

Ford is in fact the man who breathed the breath of life into Muscle Shoals. Until he interested himself in the project it was dead; it had been about decided by the War Department to abandon it and charge the enormous amount invested there off the books as one of the regrettable, but inevitable losses of the war. Then Ford and Thomas A. Edison looked the project over and Ford decided he could complete the project and develop a plant that would produce at minimum cost not only an enormous amount of hydro-electric power, but also great quantities of commercial fertilizer at a cost so low that it would free the farmers of the United States from the grip of the Fertilizer trust. There is no question, I think, about the latter proposition. I believe thoroly in the sincerity of Ford and his ability to smash the Fertilizer trust. That is one of the reasons I am for his proposal.

However, a great cry arose at once that an effort was being made to give Ford something for nothing; that it was proposed to hand over to the Detroit manufacturer the country's greatest water-power for a song. Forgotten entirely was the fact that the Government was annually sinking great sums of money in keeping up the abandoned project; that to complete its development and operation by the Government would mean an unbroken stream of the taxpayers' money pouring into the project for years and years to come, and that at best Ford cannot make to exceed 8 per cent.

Just as suddenly many who had formerly been for abandoning the project because of its cost to the Government turned champions of Government development, regardless that it meant spending many millions more. Then the men who had inveighed against Government mismanagement of railroads and shipping suddenly became champions of Government development and operation of water-powers and nitrate plants.

It appears that hatred of Henry Ford, or dislike for his political views, is so great that many men who detest Government ownership and Government operation of industry are willing to swallow even that bad mouthful rather than see Ford get Muscle Shoals.

I have analyzed the Ford proposition carefully, and while objections have been urged to some of its details, I think the proposition in the main is fair alike to the Government and to Mr. Ford. It might be well to modify his plan in some of its details, but I am sure that Mr. Ford would accept any modifications that were within reason. We should avoid making such radical modifications that Ford, or any other man, would refuse to undertake the work. We must look out for that danger.

The situation makes apparent what a hard fight is ahead of those Senators who wish to see Ford develop Muscle Shoals; but I believe it is a fight that in the end will result in victory. I am convinced Ford can handle this huge project in the way the great majority of the people of the country wish to see it handled, and I believe the people will back up the men in Congress who are fighting to bring this about and that a majority will finally be won over for it.

Victory may not come at this session of Congress. The men who don't like Ford, and the influences that desire to see no development of Muscle Shoals, may combine with those that wish to see Government, and no private agency, develop the property, and so defeat the Ford proposition, but we shall fight hard to prevent that from happening.

Losing a skirmish doesn't matter if you finally win the battle. The Senators who are backing the Ford proposition as the only really practical proposal for the development of Muscle Shoals for service in time of war and to supply the farmers of the country with cheap fertilizers in time of peace, have a big fight on their hands and are in that fight for a finish. As I see the matter, it is Ford and the people on one side, and the Fertilizer trust and the private waterpower interests on the other. In the end Ford and the people will win.

Washington, D. C.



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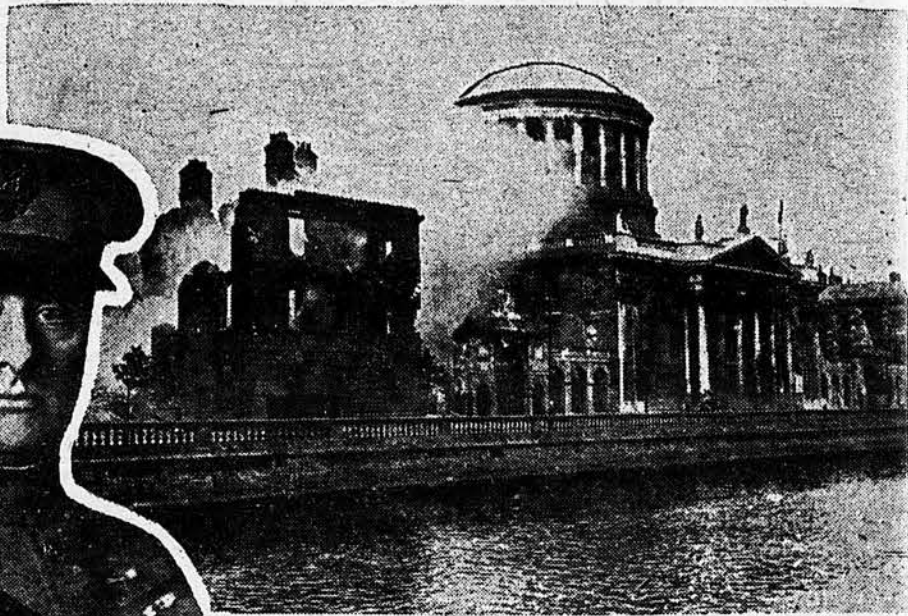
# News of the World in Pictures



Placer Mining on Bull Neck Creek in Virginia About 10 Miles from Washington, D. C.; the Miner Shown Here is Washing Pay Dirt from Sides of the Ravine



Major John L. Hines Ready for Strike Duty in Texas; He is in Command of the Eighth Corps Army Headquarters at San Antonio, Tex., and His Troops Will Suppress Disorders in That Region Along the Lines of the Missouri, Kansas and Texas Railroad



Salvage Work in Ruins of Four Courts in Dublin Yields Valuable Trophies; Many Important Documents and Statues Have Been Recovered; Great Heat from the Fire Limits Search



Members of the Hill Family Well Known in Railroad Circles Recently Sailed for Europe; Left to Right, Cortland; Maude; Jerome; Miss Mollie Boocock; Louis W., Sr.; Louis W., Jr.; and Mrs. Louis W. Hill, Sr.



George Harold Sisler, First Baseman of the St. Louis Browns and Kenneth Williams, Left Fielder; These Two Players are Keeping the St. Louis Browns in the Pennant Race; Both Have Unusual Records

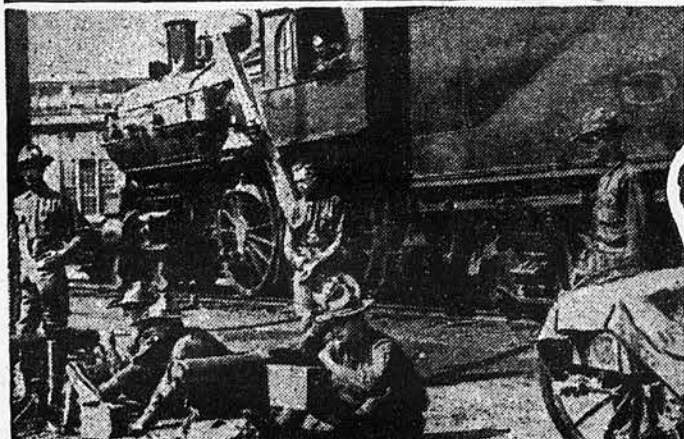


Chief Justice Taft Planting Yew Trees at Sulgrave Manor on Grounds of George Washington's Ancestors in England

John Philip Sousa with His Wife and Their Daughter Priscilla, in a New Unpublished Photo; He is America's Most Popular Band Leader and Possibly Has Written More Popular Marches Than Any Other Musician in This Country or Europe



John Wanamaker, America's Merchant Prince Recently Celebrated His 84th Birthday; He Was Postmaster-General from 1889 to 1893 under President Harrison; All Pennsylvanians are Proud of His Record



Machine Gun Company Encamped in Chicago and Alton Railroad Yards at Bloomington, Ill.; They are Ready for Action in Case Fresh Disorders Should Occur



Colonel Theodore Roosevelt, Jr., Assistant Secretary of the Navy, Recently Journeyed to Atlantic City for the Elks Convention in a Seaplane; He is Shown Here Marching in the Parade





# Prefers Cottage to Mansion

*An Unpretentious House Surrounded by Trees and Shrubs and Grass is Better Than a Costly Home in a Barren Plot, Cherryvale Man Says*

By J. C. Burleton

**A**N UNPRETENTIOUS house, surrounded by trees and shrubs and set in a grass or clover lawn is to be preferred to the most modern of mansions on a treeless and shrubless plot in the opinion of Edwin Brown, farmer, who lives near Cherryvale.

Brown has only a small cottage on his 93 acre farm but in its beautiful setting of green it is so cozy and homelike and comfortable that living in it is a pleasure.

## Environment Should be Attractive

"Trees and shrubs and grass or clover have a lot to do with making a man happy and efficient," said Mr. Brown. "I couldn't get along without them. When I began developing this place I decided that I wished it to be as attractive as possible so I could get the maximum of pleasure as well as profit out of it. And every bit of work I had done to improve its appearance has paid me in many ways.

Brown's yard is covered with bluegrass and white clover. At the north-east corner is a large rose arbor. The sides are covered with a mat of climbing roses and on a hot Sunday afternoon it is a delightful place to read or take a snooze. Another rose arbor is located at the southeast corner of the house.

There are many trees in the yard and between them shrubbery and flower beds. The cave is located near the house and it is covered with climbing rose bushes so that at first glance it seems a huge bower of beauty. This rose bush covering, in addition to beautifying the landscape, helps to keep the cave cool during the hot weather.

About two years ago Mr. Brown's

health failed so he could no longer farm and he rents his land. He retained a small acreage, however, which he has in fruit and garden. He keeps a flock of hens, some cows and hogs and makes a comfortable living. When he is not working with his trees or livestock or garden he uses the tools of the profession he followed in his youth and manufacturers furniture for his home.

Last winter he built a fine davenport of walnut, upholstered and finished it. In the parlor is a large table which Mr. Brown built several years ago. Mrs. Brown is very proud of a sewing cabinet her husband built. It is filled with little drawers and compartments. For this work Mr. Brown has a well equipped shop. There are wall cabinets to hold his tools, a big bench on which to work and a stove to heat the

building in the winter. Of late years much of his time has been spent there.

The place has a 2-acre orchard containing peach, plum and cherry trees. It was set out by Mr. Brown when he bought the farm. When his plum trees were 3 years old Brown got 12½ bushels from 10 trees. Two years ago his orchard yielded \$200 worth of fruit.

Three-fourths of an acre of raspberries one year brought in \$225. They were cultivated seven times and not a weed was permitted to grow. A small patch of blackberries one season yielded \$64. These were mulched with straw to hold the moisture.

Raspberries are worked with a one-horse cultivator. The first bushes Brown put out were placed in rows 7 feet apart. This space is not sufficient, Mr. Brown says, and afterwards he put the rows 8 or 9 feet apart. This

affords plenty of room to use horses in cultivating them.

It does not pay to mulch raspberry bushes, Mr. Brown says. He tried it one year and a heavy growth of fungus on the bushes resulted. Cultivation to conserve moisture is much to be preferred to mulching.

While the garden patch is small, proportionately, it has been more profitable than any other portion of the farm. The fertility has been built up with manure, rotted straw and wood ashes and some wonderful yields of vegetables have been obtained.

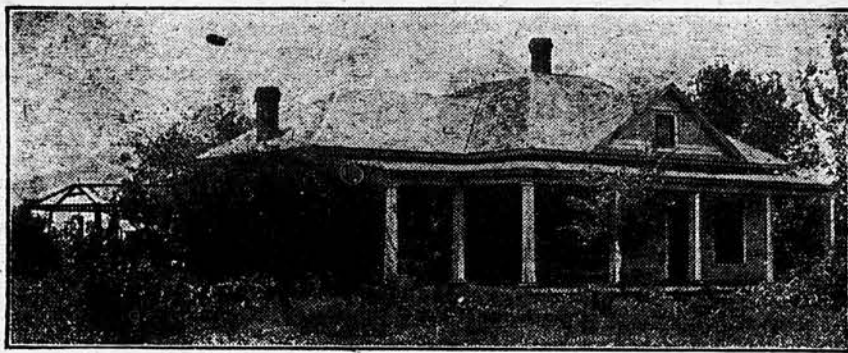
## Sells Much Garden Truck

Garden truck is sold on the farm, many persons from Cherryvale making regular trips to get vegetables during the spring and summer. Usually Mr. Brown grows an acre of sweet corn and pop corn.

The flock of 150 hens and pullets has been profitable this year. All spring the birds have been laying from 7 to 8 dozen eggs a day. Pullets which began laying last September, still were producing early in May.

Brown milks two cows and has two heifers. He has no hogs but expects to buy a couple of sows this fall. A large barn, which contains a granary, is equipped to shelter both cows and horses, stall space being provided on both sides. There is a large runway in the center into which a wagon may be driven.

White clover is grown in the orchard. It is never mowed and Mr. Brown says it is valuable both in putting nitrogen in the soil and in keeping down the weeds. It also adds humus to the soil and increases its moisture capacity very materially.



The Home of Edwin Brown of Montgomery County is Made Doubly Pleasant By Its Beautiful Surroundings, Especially the Rose Arbors

# Score a K. O. For Helmke

*Pratt County Farmer, Who Had to Grow Wheat as a Renter for Many Years, Kicked It Off the Place When He Got a Deed to a Quarter Section*

By Ray Yarnell

**T**HE day F. D. Helmke got a deed to a quarter section of Pratt county land wheat ceased to be a major factor on that farm. He had been renting. Under the terms of the lease Helmke had been required to grow wheat on a large scale every year. He did not believe in it but he couldn't get away from it. He was up against one of the serious problems of land tenantry, insistence of owners that the land be used practically exclusively for the production of a cash crop and their refusal to countenance a system of cropping that would make possible the production of livestock in any quantity.

In Pratt county, as in many other sections of Kansas, tenantry has perpetuated this custom. The land owner desires a quick cash return. Wheat will give it when a crop is raised. The tenant assumes practically all the risk, getting the seed, preparing the ground, drilling, paying for the harvest and threshing and finally delivering the rental share. If there is a crop failure he loses a year's effort. The land owner cannot lose more than interest on money invested in the land and taxes if there is no crop.

## Good Opening for Livestock

Pratt county has no reason to be proud of the fact that more acres out of every section are planted to wheat than in any other county in the state. But that situation gives the county a most wonderful opportunity to demonstrate the value of livestock production in combination with wheat.

Wheat never should be driven out of Pratt county. It has a very important place there. But it should not be permitted to run riot. If the county is to continue to produce good yields of wheat crops must be taken to maintain the fertility of the soil. Manure is the cheapest fertilizer obtainable. By limiting wheat acreage just a lit-

tle, and planting feed crops to support cattle and hogs and sheep, extending the alfalfa acreage and instituting simple systems of crop rotation, much can be done in a relatively short time to increase wheat yields. Given a chance livestock will prove its right to a place on every farm by the extra profits it will yield.

Helmke's father deeded him a quarter section. That day this young farmer got his chance and took it. He banished wheat to welcome dairy cows.

"You are right," his father told him. "Wheat has had its day on this farm. It is time for cows to come. It is too late for me to change my system because I am pretty well along in years, but you young fellows ought to milk cows. You will find it pays."

Helmke was sold on livestock and the dairy cow long before he got a chance to own any. Early this year he got the deed to his farm. Before the end of February he owned 12 Holsteins. He has 19 now, including a purebred bull, and he says he is making more money than he ever got out of growing wheat.

"I can take this land and grow stuff to feed my cows and hogs," said Helmke, "and make more money than I ever made out of wheat alone. I will have a job all year—one on which I can count. There isn't anything to this wheat farming. It will not pay in the long run. A fellow may strike it lucky and he may go broke. I will grow a little wheat to fit in with my other crops but it will be incidental. I quit wheat just as soon as I got some land of my own and I will not go back to it, believe me."

From the production of 15 cows Helmke is getting \$230 a month, or nearly \$8 a day. That income is steady and certain. In addition he obtains ma-

nure which is adding to the ability of his land to yield. That manure is worth several dollars a ton. He is also getting the increase in his herd. So the \$8 a day is only a part of his income from cows.

"Out of the returns from my dairy cows," said Helmke, "I can buy two cows every month and have a profit left. Since February 20 I have increased my herd from 12 to 19 animals and I expect to buy some more. I have grades but I hope to work into registered stuff as soon as possible. My grades are good animals. I plan to test them and weigh the milk so as to know exactly what every one is doing. I have an ambition, sooner or later, to develop a breeding herd."

Cows made it possible for Helmke to cash in 15 acres of wheat this year without spending a cent in harvesting. He fenced it and turned the cows in to pasture. They received little additional feed. Milk produced during the period the cows were on wheat pasture netted around \$500.

"That is pretty good pay for a wheat crop I didn't have to cut or thresh," said Helmke. "I rent another quarter on which I grow wheat. I am going to graze my cows on the stubble and write down my harvesting expenses to some extent."

The first Sudan grass in Pratt county is said to have been planted by Helmke. The seed cost 50 cents a pound. He has been growing it on a limited scale ever since. To afford pasture for his livestock he plans eventually to plant about 40 acres a year.

Helmke sows rye in the fall for winter pasture for his cows. This affords grazing usually until early in June. The land is then plowed and sown to Sudan grass. The seed is

broadcasted. The pasture program will include wheat, rye, grass and Sudan.

Next fall Helmke plans to seed 15 acres to alfalfa to be used as feed and to improve his soil.

This Holstein herd eventually will contain 40 animals and gradually will change from grades to purebreds. Some members of the present herd are producing 60 pounds of milk a day. Helmke gets 25 cents a gallon for his milk and \$1 a gallon for 18 per cent cream.

Silage will play an important part in the ration of the herd in the future. Plans are now being made for the construction of one or more pit silos as these give very good satisfaction in this section of the state. Helmke will use kafir and corn for silage, probably feeding the kafir out first and finishing up the corn late in the spring.

## Milking Machine Saves Time

Helmke uses a milking machine and has had very good results with it. In this way he avoids having to hire a helper and thus reduces his expenses.

Hogs and chickens also contribute to the income. Hogs run with cows on pasture and are fed skim milk, and gains have been produced cheaply. Helmke considers returns from swine as nearly velvet.

The radical change in Helmke's farming system since the first of this year is an object lesson in sensible agriculture. It is commonly described by one word—diversification. In states where farming operations have been greatly diversified, where the cow and the sow and the hen have been given a chance, the greatest agricultural prosperity exists. Banks in those states, during the recent unpleasantness called the period of depression, were lending money to banks in other farming states, where diversification is not so far advanced, to enable them to handle agricultural credits properly.





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If Jess W. Miley of Girard is nominated and elected State Superintendent, Kansas will have at the head of her school system the best informed and most experienced rural school teacher ever elected to this office.—Wilson World.

[My one big reason for endorsing Jess W. Miley is that he is loaded with HORSE SENSE, which is a faculty that our farmers would appreciate more in our state offices.—F. Joe Robbins, County Farm Agent, Franklin County.]

(Political Advertisement)



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## Jayhawker's Farm

By Harley Hatch

WHEN the last deluge of rain came we had the corn on this farm all laid by except two days' work. Probably the 4 inches of rain that have fallen since has laid that by too, but if possible, we shall try to get thru it again if we can do so without breaking down the stalks too much. This corn has already been cultivated three times but lots of little grass has sprung up since the rains and a cultivating now would pretty effectually fix that. The corn is now as tall as the average man and an occasional tassel is showing but if the weather is dry the stalks will be tough, and in that condition corn can be gone over even if it is tall, without breaking.

We can recall some years ago we had a field which we wished to plow and it was so large that when man and team entered it they were not seen again until they emerged at the other end. That corn was not broken down much in plowing it and the stirring up it got helped it greatly. The rain we have had in the last 10 days has beaten the ground down badly and it will, without doubt, start a heavy growth of grass. Under those conditions there is not likely to be much wheat sown in the cornstalks here this fall.

### Rods Reduce Fire Hazards

Electricity did considerable damage during our storm period. A number of farmers lost stock, one barn was burned and one neighbor had his house struck. That house had metal hip shingles and the lightning followed these down to the corner of the house when it went down the side, tearing it up pretty badly both inside and out. Had this strip of metal shingles been connected with the ground by even a wire the lightning would not have been likely to have damaged the house at all. Where a house has a metal ridgecomb or metal corners or even metal rainspouts these should always be grounded.

Rods of good size are best but even a wire will usually be enough to carry

reported that they lightning loss from rodded. So thoroly the Grange Insurance a very substantial rates on rodded that find the low profitable, as they losses to pay on hile they have paid where they were not arrangement of fire and light have regular Grange Insurance 15 feet. A builded barns is \$1.65 likely to be stre rodded barns cost more likely to ers a period of five and when they reduction of 35 per always burn w it will, in a few often take fire rods.

cupied. For the business received always be rodded ago because of the companies now with it but it is tion in the rat business as that of in a few years. its. All mail order

### Our Candidate

We have not small cost. The pass on any ca Company does not either party tion in rates for next Tuesday. they seldom burn, taken from ouell do so as houses zens. They prmaged by lightning, the qualificatior burn.

ernor of Kans— that there is eeks Chinch Bugs them all. Poll it seemed certain article and we were going to do man of them the West. Never be- extent. Of com reported in large political coura wide an extent of the various ca from many locali- that every Ka and South Dakota of "Tom McNe was probability of

In addition, damage and Knox tion Mr. McNe a county on the four years of ported them in great that he has at had already begun conducting the fields in this part Every state into the corn and on would be pick had already de- honesty and new rows.

ice. In his it of two weeks of editor of this ns ceased and while that he never alive in our fields responsibility. they will do much this he has a year. In fact, we might well tal that the wet, hot mous saying "with the very wet human that is round will start the which so often cleans

Protectioned out that way on

The Grange20 when conditions their investig same as this year. rods are almo the wheat into a against lightrand while the wet ill them at once they t kafir cutting time bug. If these floods he bugs we can well damage the water wheat.

## Choosing the Right Coll

BY F. D. FARRELL

FREQUENTLY it happens that when a high se- fided to go to college he does not know which subjects it would be best for him to study. called, in college parlance, a "curriculum." Prated at the farmer, the American college has several curricula, each one bing surplus funds is the student for service in some particular field I believe that I have em for the readers of

In selecting a curriculum, perhaps, the first th should recognize is that, in themselves, all college cannot properly complete the work in any of them himself. But one curriculum is best for John S. Robert Brown. A second thing to be considered is training does not fit one "to make a living without helps one to work more effectively and to live a ric ing a field of work, every young man should study and inclinations. He should study these carefully, by a passing fancy.

He should know something of the requiremen field and he should know all he can of his own cations to meet these requirements. For exampl, temperament or physical condition makes it undest an indoor occupation should not spend four years or an accountant. Rather, he should prepare agriculture, civil engineering, or some other carried on largely in the open air.

If the student is interested in plants or animals, of the numerous major activities involved in the p keting, or utilization of plant and animal products ing, the grain business, the buying and selling of book, in view of the house operation—he usually will find it desrable which the country tural curriculum. This kind of consideration shouabor and Democracy, curricula examined, and then the student should diggins, of the Kansas opportunities in each field.

The student should seldom, if ever, decide on aich the court is based thinks it will fit him for some particular, specific siding judge. In this rather, the general field he expects to enter after es the subject of Gov- average age of the young American when he is gation to industry, and about 22 years. On the average a man who reek of the court in the about 45 years more. Ordinarily he will hold man's existence.

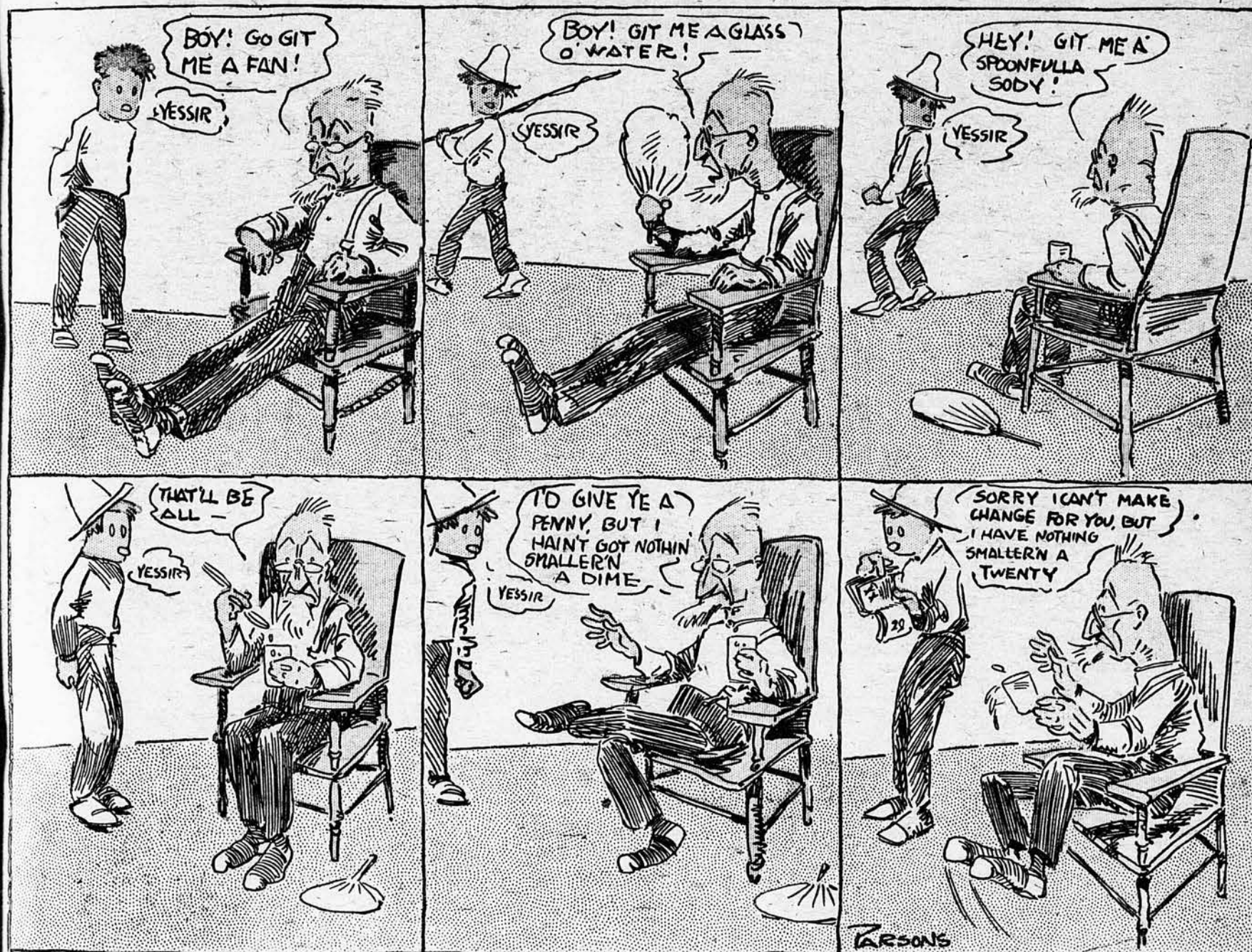
generally speaking, he will give better service—k which should be of rewards—if all his jobs are in one general field o every student of the culture, engineering or medicine. Finally, it sh even capital and labor. bered that one must live as well as make a living 13 pages; the price is be obtained from The need for training which will fit him for a s apany, 66 Fifth Ave. good citizenship.

### Industrial Justice



# The Adventures of the Hoovers

*Buddy Goes Uncle Abner Fifty-Fifty on His Small Change When the Old Man Regrets Not Having a Penny with Which to Reward Him Properly*



## The Indian Drum

By WILLIAM MacHARG  
and EDWIN BALMER

*A Story of the Adventures of Alan Conrad of  
Blue Rapids, Kan., on the Great Lakes*

(Copyright by Edwin Balmer)

ALAN felt himself alternately weak and roused to strength as he saw her. The sled halted and, as she approached he stepped down. Their eyes encountered, and hers looked away; a sudden shyness, which sent his heart leaping had come over her. He wanted to speak to her, to make some recognition to her of what she had done, but he did not dare to trust his voice; and she seemed to understand that. He turned to Sherrill instead. An engine and tender coupled to a single car stood at the railway station. "We're going to Chicago?" he inquired of Sherrill.

"Not yet, Alan—to St. Ignace. Father Perron—the priest, you know—went to St. Ignace as soon as he recovered from his exposure. He sent word to me that he wished to see me at my convenience; I told him that we would go to him as soon as you were able."

"He sent no other word than that?"

"Only that he had a very grave communication to make to us."

Alan did not ask more; at mention of Father Perron he had seemed to feel himself once more among the crashing, charging freight cars on the ferry and to see Benjamin Corvet, pinned amid the wreckage and speaking into the ear of the priest.

Father Perron, walking up and down upon the docks close to the railway station at St. Ignace, where the tracks end without bumper or block of any kind above the waters of the lake, was watching south directly

across the Straits. It was mid-afternoon and the ice-crusher Ste. Marie, which had been expected at St. Ignace about this time was still some four miles out. During the storm of the week before, the floes had jammed into that narrow neck between the great lakes of Michigan and Huron until, men said, the Straits were ice-filled to the bottom; but the Ste. Marie and the St. Ignace had plied steadily back and forth.

Thru a stretch where the ice-crusher now was, the floes had changed position, or new ice was blocking the channel; for the Ste. Marie, having stopped, was backing; now her funnels shot forth fresh smoke, and she charged ahead. The priest clenched his hands as the steamer met the shock and her third propeller—the one beneath her bow—sucked the water out from under the floe and left it without support; she met the ice barrier, crashed some of it aside; she broke thru, recoiled, halted, charged, climbed up the ice and broke thru again. As she drew nearer now in her approach, the priest walked back toward the railway station.

It was not merely a confessional which Father Perron had taken from the lips of the dying man on Number 25; it was an accusation of crime

against another man as well; and the confession and accusation both had been made, not only to gain forgiveness from God, but to right terrible wrongs. If the confession left some things unexplained, it did not lack confirmation; the priest had learned enough to be certain that it was no hallucination of madness. He had been charged definitely to repeat what had been told him to the persons he was now going to meet; so he watched expectantly as the Ste. Marie made its landing. A train of freight cars was upon the ferry, but a single passenger coach was among them, and the switching engine brought this off first. A tall, handsome man whom Father Perron thought must be the Mr. Sherrill with whom he had communicated appeared upon the car platform; the young man from Number 25 followed him, and the two helped down a young and beautiful girl.

They recognized the priest by his dress and came toward him at once. "Mr. Sherrill?" Father Perron inquired.

Sherrill assented, taking the priest's hand and introducing his daughter.

"I am glad to see you safe, Mr. Stafford." The priest had turned to Alan. "We have thanks to offer up for that, you and I!"

"I am his son, then! I thought that must be so."

Alan trembled at the priest's sign of confirmation. There was no shock of surprise in this; he had suspected ever since August, when Captain Stafford's watch and the wedding ring had so strangely come to Constance, that he might be Stafford's son. His inquiries had brought him, at that time to St. Ignace, as Father Perron's had brought him now; but he had not been able to establish proof of any connection between himself and the baby son of Captain Stafford who had been born in that town.

### Real Knowledge at Last

He looked at Constance, as they followed the priest to the motor which was waiting to take them to the house of old Father Benitot, whose guest Father Perron was; she was very quiet. What would that grave statement which Father Perron was to make to them mean to him—to Alan? Would further knowledge about that father whom he had not known, but whose blood was his and whose name he now must bear, bring pride or shame to him?

A bell was tolling somewhere, as they followed the priest into Father Benitot's small, bare room which had been prepared for their interview. Father Perron went to a desk and took therefrom some notes which he had made. He did not seem, as he looked thru these notes, to be refreshing his memory; rather he seemed to



be seeking something which the notes did not supply; for he put them back and reclosed the desk.

"What I have," he said, speaking more particularly to Sherrill, "is the terrible, not fully coherent statement of a dying man. It has given me names—also it has given me facts. But isolated. It does not give what came before or what came after; therefore, it does not make plain. I hope that as Benjamin Corvet's partner you can furnish what I lack."

"What is it you want to know?" Sherrill asked.

"What were the relations between Benjamin Corvet and Captain Stafford?"

Sherrill thought a moment. "Corvet," he replied, "was a very able man; he had insight and mental grasp—and he had the fault which sometimes goes with those, a hesitancy of action. Stafford was an able man too, considerably younger than Corvet. We, ship owners of the lakes, have not the world to trade in, Father Perron, as they have upon the sea; if you observe our great shipping lines you will find that they have, it would seem, apportioned among themselves the traffic of the lakes; each line has its own connections and its own ports. But this did not come thru agreement, but thru conflict; the strong have survived and made a division of the traffic; the weak have died. Twenty years ago, when this conflict of competing interests was at its height, Corvet was the head of one line, Stafford was head of another and the two lines had very much the same connections and competed for the same cargoes."

"I begin to see!" Father Perron exclaimed. "Please go on."

"In the early nineties both lines still were young; Stafford had, I believe, two ships; Corvet had three."

"So few? Yes; it grows plainer!"

"In 1894, Stafford managed a stroke which, if fate had not intervened, must have assured ultimate extinction of Corvet's line or its absorption into Stafford's. Stafford gained as his partner Franklin Ramsdell, a wealthy man whom he had convinced that the lake traffic offered chances of great profit; and this connection supplied him with the capital whose lack had been hampering him, as it was still hampering Corvet. The new firm—Stafford and Ramsdell—projected the construction, with Ramsdell's money, of a number of great steel freighters. The first of these—the *Miwaka*, a test ship whose experience was to guide them in the construction of the rest—was launched in the fall of 1895, and was lost on its maiden trip with both Stafford and Ramsdell aboard. The Stafford and Ramsdell interests could not survive the death of both owners and disappeared from the lakes. Is this what you wanted to know?"

The priest nodded. Alan leaned tensely forward, watching; what he had heard seemed to have increased and deepened the priest's feeling over what he had to tell and to have aided his comprehension of it.

#### A Strong Man

"His name was Caleb Stafford," Father Perron began. "(This is what Benjamin Corvet told to me when he was dying under the wreckage on the ferry.) He was as fair and able a man as the lakes ever knew. I had my will of most men in the lake trade in those days; but I could not have my will of him. With all the lakes to trade in, he had to pick out for his that traffic which I already had chosen for my own. But I fought him fair, Father—I fought him fair, and I would have continued to do that to the end."

"I was at Manitowoc, Father, in the end of the season—December fifth of 1895. The ice had begun to form early that year and was already bad; there was cold and a high gale. I had laid up one of my ships at Manitowoc, and I was crossing that night on a tug to Manitowoc, where another was to be laid up. I had still a third one lying upon the Northern peninsula at Manitowoc for a last trip which, if it could be made, would mean a good profit from a season which so far, because of Stafford's competition, had been only fair. After leaving Manitowoc, it grew still colder, and I was afraid the ice would close in on her and keep her where she was, so I determined to go north that night and see that she got out. None knew, Father, except those aboard the tug, that I had made that change."

"At midnight, Father, to westward of the Foxes, we heard the four blasts of a steamer in distress—the four long blasts which have sounded in my soul ever since! We turned toward where we saw the steamer's lights; we went nearer and, Father, it was his great, new ship—the *Miwaka*! We had heard two days before that she had passed the Soo; we had not known more than that of where she was. She had broken her new shaft, Father, and was intact except for that, but helpless in the rising sea."

The priest broke off. "The *Miwaka*! I did not understand all that that had meant to him until just now—the new ship of the rival line, whose building meant for him failure and defeat!"

"There is no higher duty than the rescue of those in peril at sea. He—Benjamin Corvet, who told me this—swore to me that, at the beginning none upon the tug had any thought except to give aid. A small line was drifted down to the tug and to this a hawser was attached which they hauled aboard. There happened then the first of those events which led those upon the tug into doing a great wrong. He—Benjamin Corvet—had taken charge of the wheel of the tug; three men were handling the hawser in ice and washing water at the stern. The whistle accidentally blew, which those on the *Miwaka* understood to mean that the hawser had been secured, so they drew in the slack; the hawser, tightened unexpectedly by the pitching of the sea, caught and crushed the captain and deckhand of the tug and threw them into the sea."

#### Both Owners Were Aboard

"Because they were short-handed now upon the tug, and also because consultation was necessary over what was to be done, the young owner of the *Miwaka*, Captain Stafford, came down the hawser to the tug after the line had been put straight. He came to the wheelhouse, where Benjamin Corvet was, and they consulted. Then Benjamin Corvet learned that the other owner was aboard the new ship as well—Ramsdell—the man whose money you have just told me had built this and was soon to build other ships. I did not understand before why learning that affected him so much."

"Stafford wanted us" (this is what Benjamin Corvet said) "to tow him up the lake; I would not do that, but I agreed to tow him to Manitowoc. The night was dark, Father—no snow, but frightful wind which had been increasing until it now sent the waves washing clear across the tug. We had gone north an hour when, low upon the water to my right, I saw a light, and there came to me the whistling of a buoy which told me that we were passing nearer than I would have wished, even in daytime, to windward of Boulder Reef. There are, Father, no people on that reef; its sides of ragged rock go straight down forty fathoms into the lake."

"I looked at the man with me in the wheelhouse—at Stafford—and hated him! I put my head out at the wheelhouse door and looked back at the lights at the new, great steamer, following safe and straight at the end of its towline. I thought of my two men on the tug who had been crushed by clumsiness of those on board that ship; and how my own ships had had a name for never losing a man and that name would be lost now because of the carelessness of Stafford's men! And the sound of the shoal brought the evil thought to me. Suppose I had not happened across his ship; would it

have gone upon some reef like this and been lost? I thought that if now the hawser should break, I would be rid of that ship and perhaps of the owner who was on board as well. We could not pick up the tow line again so close to the reef. The steamer would drift down upon the rocks."

Father Perron hesitated an instant. "I bear witness," he said solemnly, "that Benjamin Corvet assured me—his priest—that it was only a thought; the evil act which it suggested was something which he would not do or even think of doing. But he spoke something of what was in his mind to Stafford, for he said:

"I must look like a fool to you to keep on towing your ship!"

"They stared, he told me, into one another's eyes, and Stafford grew uneasy."

"We'd have been all right," he answered, "until we had got help, if you'd left us where we were!" He too listened to the sound of the buoy and of the water dashing on the shoal. "You are taking us too close," he said—"too close!" He went aft then to look at the tow line."

Father Perron's voice ceased; what he had to tell now made his face whiten as he arranged it in his memory. Alan leaned forward a little and then, with an effort, sat straight. Constance turned and gazed at him; but he dared not look at her. He felt her hand warm upon his; it rested there a moment and moved away.

"There was a third man in the wheelhouse when these things were spoken," Father Perron said, "the mate of the ship which had been laid up at Manitowoc."

"Henry Spearman," Sherrill supplied.

"That is the name. Benjamin Corvet told me of that man that he was young, determined, brutal, and set upon getting position and wealth for himself by any means. He watched Corvet and Stafford while they were speaking, and he too listened to the shoal until Stafford had come back; then he went aft."

#### Then Spearman Acted

"I looked at him, Father," Benjamin Corvet said to me, "and I let him go—not knowing. He came back and looked at me once more, and went again to the stern; Stafford had been watching him as well as I, and he sprang away from me now and scrambled after him. The tug leaped suddenly; there was no longer any tow holding it back, for the hawser had parted; and I knew, Father, the reason was that Spearman had cut it!"

"I rang for the engine to be slowed, and I left the wheel and went aft; some struggle was going on at the stern of the tug; a flash came from there and the cracking of a shot. Suddenly all was light about me as, aware of the breaking of the hawser and alarmed by the shot, the searchlight of the *Miwaka* turned upon the tug. The cut end of the hawser was still upon the tug, and Spearman had been trying to clear this when Stafford attacked him; they fought, and Stafford struck Spearman down. He turned and cried out against me—accusing me of having ordered Spearman to cut the line. He held up the cut end toward Ramsdell on the *Miwaka* and cried out to him and showed by pointing that it had been cut. Blood was running from the hand with which he pointed, for he had been shot by Spearman; and now again and a second and a third time, from where he lay upon the deck, Spearman fired. The second of those shots killed the engineer who had

rushed out where I was on the deck; the third shot went thru Stafford's head. The *Miwaka* was drifting down upon the reef; her whistle sounded again and again the four long blasts. The fireman, who had followed the engineer up from below, fawned on me! I was safe for all of him, he said; I could trust Luke—Luke would not tell! He too thought I had ordered the doing of that thing!"

"From the *Miwaka*, Ramsdell yelled curses at me, threatening me for what he thought that I had done! I looked at Spearman as he got up from the deck, and I read the thought that had been in him; he had believed that he could cut the hawser in the dark, none seeing, and that our word that it had been broken would have as much strength as any accusation Stafford could make. He had known that to share a secret such as that with me would "make" him on the lakes; for the loss of the *Miwaka* would cripple Stafford and Ramsdell and strengthen me; and he could make me share with him whatever success I made. But Stafford had surprised him at the hawser and had seen."

#### Spearman Was Safe

"I moved to denounce him, Father, as I realized this; I moved—but stopped. He had made himself safe against accusation by me! None—none ever would believe that he had done this except by my order, if he should claim that; and he made plain that he was going to claim that. He called me a fool and defied me. Luke—even my own man, the only one left on the tug with us—believed it! And there was murder in it now, with Stafford dying there on the deck and with the certainty that all those on the *Miwaka* could not be saved. I felt the noose as if it had been already tied about my neck! And I had done no wrong, Father! I had only thought wrong!"

"So long as one lived among those on the *Miwaka* who had seen what was done, I knew I would be hanged; yet I would have saved them if I could. But, in my comprehension of what this meant, I only stared at Stafford where he lay and then at Spearman, and I let him get control of the tug. The tug, whose wheel I had lashed, heading her into the waves, had been moving slowly. Spearman pushed me aside and went to the wheelhouse; he sent Luke to the engines, and from that moment Luke was his. He turned the tug about to where we still saw the lights of the *Miwaka*. The steamer had struck upon the reef; she hung there for a time; and Spearman—he had the wheel and Luke, at his orders, was at the engine—held the tug off and we beat slowly to and fro until the *Miwaka* slipped off and sank. Some had gone down with her, no doubt; but two boats had got off, carrying lights. They saw the tug approaching and cried out and stretched their hands to us; but Spearman stopped the tug. They rowed toward us then, but when they got near, Spearman moved the tug away from them, and then again stopped. They cried out again and rowed toward us; again he moved the tug away and then they understood and stopped rowing and cried curses at us. One boat soon drifted far away; we knew of its capsizing by the extinguishing of its light. The other capsized near to where we were. Those in it who had no life belts and could not swim, sank first. Some could swim and, for a while they fought the waves."

Alan, as he listened, ceased consciously to separate the priest's voice from the sensations running thru him. His father was Stafford, dying at Corvet's feet while Corvet watched the death of the crew of the *Miwaka*; Alan himself, a child, was floating with a lifebelt among those struggling in the water whom Spearman and Corvet were watching die. Memory; was it that which now had come to him? Not rather it was a realization of all the truths which the priest's words were bringing together and arranging rightly for him.

He, a child, saved by Corvet from the water because he could not bear witness, seemed to be on that tug, saw swept and clad in ice, crouching beside the form of his father while Corvet stood aghast—Corvet, still hearing the long blasts of distress from the steamer which was gone, still hearing the screams of the men who were drowned. Then, when all were gone who could tell, Spearman turned the tug to Manitowoc. Now again the priest's voice became audible to Alan.

(Continued on Page 12)

## Coming, a New Serial Story

**N**O MATTER how old or how young you may be, if you have red blood and sympathy for a lad who fights and wins you are going to get a thrill from "Tom of Peace Valley," which begins in our next issue. This was written by John F. Case, the first manager of the Capper Pig Club, and who has been outstanding in his knowledge of the life of young folks. The coming serial was written especially for the farm folks of the Middle West.

"Tom of Peace Valley" is the stirring story of a lad of the hills who with all the traditions of his forebears to handicap him went "outside" and won education and honors despite opposition and adversity. Woven into the serial is the story of vocational agriculture and its vitalizing influence on farm life. While a story for boys, all members of the family will find "Tom of Peace Valley" a tale that will grip and hold them from beginning to ending. The coming story does not "preach" in a single line but no boy who reads it but will have a higher appreciation of what honor and integrity mean, for it is written out of the heart of a man who loves boys and has sons in his own home. Watch for the opening chapter of this really great human interest story.





## Chart of

## Recommendations

Name of Car	Motor Oil	Name of Car	Motor Oil
Ace	M. H.	Locomobile	M. L.
Allen	M. H.	Lozier	M. H.
Ambassador	H.	Maibohm	M. H.
American Six	M. H.	Marion Handley	M. H.
Anderson	M. L.	(Cont. Motor)	M. H.
Apperson Road pl.	H.	(Knight Motor)	H.
Auburn	M. L.	Marmion 34	H.
Austin H. King	M. H.	Martin Waap	H.
Bay State	M. L.	Maxwell	M. L.
Beggs	M. L.	Mercoer	H.
Biddle	M. L.	McFarlan Six	M. H.
Birch	M. H.	Mitchell	M. H.
Bradley	M. L.	Moline Knight	H.
Brewster	M. L.	Monitor	M. L.
Briscoe	M. H.	Monroe	H.
Brook	M. H.	Moon	M. L.
Buick	M. H.	Moore	M. L.
Bush	M. H.	Nash	M. H.
Cadillac	M. H.	National	M. H.
Case	M. L.	Nelson	M. H.
Chalmers	M. H.	Nelson & Le Moon	M. H.
Chandler	M. H.	Northway	M. H.
Chevrolet	M. L.	Oakland	M. H.
Classic	M. H.	Oldsmobile 8	M. H.
Cleveland	M. H.	Oldsmobile 8	M. H.
Cole 8	M. H.	Olympian	M. H.
Colonial	M. H.	Overland	M. L.
Columbia	M. H.	Owen Magnetic	M. H.
Comet	M. L.	Packard	M. H.
Commonwealth	M. L.	Faige	M. H.
Crawford	M. L.	Pan-American	M. H.
Crow-Elkhart	M. H.	Parenti	M. H.
Cunningham	M. H.	Patterson	M. H.
Daniels	M. H.	Poole	M. H.
Davis	M. L.	Piedmont	M. L.
Dispatch	M. L.	Pierce-Arrow	M. H.
Dixie Flyer	M. H.	Pilot	M. H.
Dodge	M. H.	Premier	H.
Dorris	M. H.	Preston	M. H.
Dort	M. L.	Regal	M. L.
Durant	M. H.	Reo	M. H.
Dusenber	H.	Revere	H.
Earl	M. H.	Richlieu	H.
Economy	M. L.	Rickenbacker	M. H.
Egar	M. L.	Roamer	M. H.
Elgin	M. H.	(Cont. Motor)	M. H.
Essex	M. H.	(Dusenber Motor)	H.
Ferris	M. L.	Rolls Royce	M. H.
F. I. A. T.	H.	R. & V. Knight	H.
Ford	M. L.	Saxon	M. H.
Fox	H.	Sayers	M. L.
Franklin	M. H.	Scripps Booth	M. H.
Gardner	M. L.	Sheridan	M. H.
Glide	M. H.	Simplex	H.
Grant	M. H.	Singer	H.
Gray	M. H.	Spacke	E. H.
Hackett	M. H.	Sperling	M. H.
Hal Twelve	M. H.	Standard	M. H.
Halladay	M. H.	Stanwood	M. L.
Handley-Knight	H.	Stearns Knight	H.
Hanson	M. H.	Stephens Six	M. H.
Harroun	M. H.	Stevens	M. H.
Hatfield	M. H.	Stevens Duryea	M. H.
Haynes	M. H.	Sterling Knight	H.
Haynes 75	H.	Studebaker	M. L.
H. C. S.	M. H.	Stutz	H.
Holmes	H.	Sun	H.
Hudson	M. H.	Templar	H.
Huffman	M. L.	Vellie	M. H.
Hupmobile	M. H.	Westcott	M. L.
Jackson	M. H.	White	M. H.
Jaquet	H.	Wills St. Claire	H.
Jordan	M. L.	Willys-Knight	H.
Kelsey	M. L.	Winther	M. H.
King	H.	Winton Six	M. H.

**KEY**  
M. L.—Polarine Medium  
Light  
M. H.—Polarine Medium  
Heavy  
H.—Polarine Heavy  
E. H.—Polarine Extra  
Heavy

N. B. For recommendation of grades to use in tractors, consult chart in any Standard Oil Co. (Indiana) station

# Blue Prints Plus Chemical Formulae

IN the chart to the left the correct grade of Polarine for your car is indicated. This recommendation has been made because the oil has stood practical tests in the engine itself as well as the rigid, scientific tests in the finest petroleum chemical laboratory in the world. In working out the specifications for manufacturing Polarine, petroleum chemists and automotive engineers have co-operated. Blue prints and chemical formulae have worked side by side.

When you fail to avail yourself of this scientific lubrication, you are experimenting at the expense of your car. You are risking "scored" cylinders, "burned" bearings in the crank shaft or elsewhere, and other costly disasters.

Your engine is adjusted throughout with infinite care. It calls for a certain grade of lubricating oil. Which oil this is to be depends upon piston clearance, method of cooling, lubricating system, and other mechanical factors used by the designer of the car. The carefully trained lubricating engineers of the Standard Oil Company (Indiana) recommend

# Polarine

THE PERFECT MOTOR OIL

## Made in Four Grades Seals Pistons Against Loss of Power

Each is of correct consistency to form a perfect seal between the piston and the cylinder, leaving no dry spots. It has sufficient body to prevent its being sucked into the compression chamber during the intake stroke, thus avoiding overheating, knocking and carbon.

The trained chemists working day by day in the Standard Oil Company (Indiana) laboratories exercise infinite care and minute accuracy to make sure that the lubricating oil indicated for each kind of car is scientifically correct.

Consult the Chart on the left.

# Standard Oil Company

(Indiana)

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Chicago, Ill.

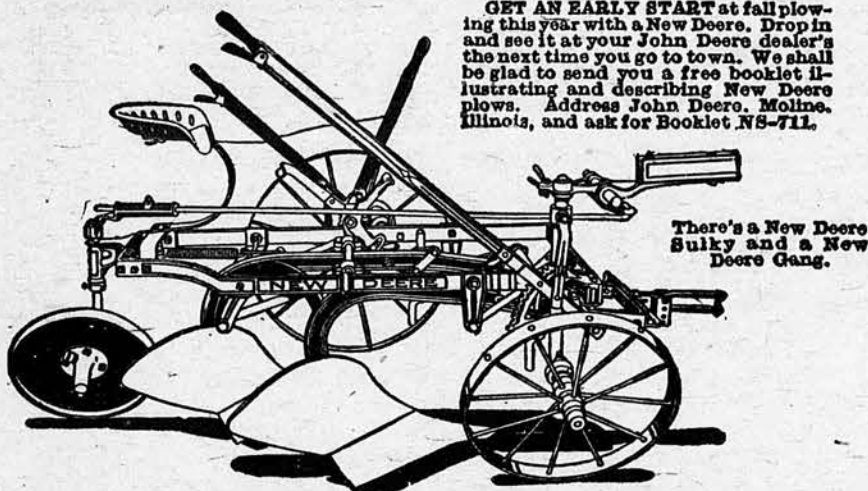


# You're Only a Few Minutes from a New Deere

Fall plowing is nearly here. Now is the time to equip yourself with that new plow you have been needing. Just a few minutes from you, at your John Deere dealer's, your New Deere is ready for you—ready with these plow qualities that have earned its leadership:

- genuine John Deere bottoms that scour, pulverize, and make good seed beds, always doing the work the way the careful farmer wants it done.
- light draft because of clean scouring qualities and general high grade bottom construction, and because all weight is properly balanced and all-wheel-carried—no dragging of the bottoms.
- quick detachable shares; loosen one nut to remove share; tighten the same nut and share is on tight.
- lasts much longer than ordinary plows because steel used is harder, tougher and stronger.
- double ball construction—bottoms reach plowing depth almost instantly and maintain even depth.
- your boy can operate it—foot lever and auxiliary hand lever make it easy to lift bottoms under all conditions.

GET AN EARLY START at fall plowing this year with a New Deere. Drop in and see it at your John Deere dealer's the next time you go to town. We shall be glad to send you a free booklet illustrating and describing New Deere plows. Address John Deere, Moline, Illinois, and ask for Booklet N8-711.



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## Wheat 80 Cents a Bushel

We will advance you 80 cents a bushel on wheat and allow you one year in which to pick your own selling price. No storage charges. Our customers on this proposition last year were very much satisfied. Market low now but Europe will need a lot of wheat next winter. Write for particulars. Reference Metropolitan Bank, Kansas City, Mo.

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Enclosed find ..... for which send your paper for the term of ..... years to

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### The Indian Drum

(Continued from Page 10)

Alan's father died in the morning. All day they stayed out in the storm, avoiding vessels. They dared not throw Stafford's body overboard or that of the engineer, because, if found, the bullet holes would have aroused inquiry. When night came again, they had taken the two ashore at some wild spot and buried them; to make identification harder, they had taken the things that they had with them and buried them somewhere else. The child—Alan—Corvet had smuggled ashore and sent away; he had told Spearman later that the child had died. "Peace—rest!" Father Perron said in a deep voice. "Peace to the dead!"

### But Memory Remained

But for the living there had been no peace. Spearman had forced Corvet to make him his partner; Corvet had tried to take up his life again, but had not been able. His wife, aware that something was wrong with him, had learned enough so that she had left him. Luke had come and come and come again for blackmail, and Corvet had paid him. Corvet grew rich; those connected with him prospered; but with Corvet lived always the ghosts of those he had watched die with the Miwaka—of those who would have prospered with Stafford except for what had been done. Corvet had secretly sought and followed the fate of the kin of those people who had been murdered to benefit him; he found some of their families destroyed; he found almost all poor and struggling. And the Corvet paid Luke to keep the crime from disclosure, yet Corvet swore to himself to confess it all and make such restitution as he could. But each time that the day he had appointed with himself arrived, he put it off and off and paid Luke again and again. Spearman knew of his intention and sometimes kept him from it. But Corvet had made one close friend; and when that friend's daughter, for whom Corvet cared now most of all in the world, had been about to marry Spearman, Corvet defied the cost to himself, and he gained strength to oppose Spearman. So he had written to Stafford's son to come; he had prepared for confession and restitution; but, after he had done this and while he waited, something had seemed to break in his brain; too long preyed upon by terrible memories, and the ghosts of those who had gone, and by the echo of their voices crying to him from the water, Corvet had wandered away; he had come back, under the name of one of those whom he had wronged, to the lake life from which he had sprung. Only now and then, for a few hours, he had intervals when he remembered all; in one of these he had dug up the watch and the ring and other things which he had taken from Captain Stafford's pockets and written to himself directions of what to do with them, when his mind again failed.

And for Spearman, strong against all that assailed Corvet, there had been always the terror of the Indian Drum—the Drum which had beat short for the Miwaka, the Drum which had known that one was saved! That story came from some hint which Luke had spread, Corvet thought; but Spearman, born near by the Drum, believed that the Drum had known and that the Drum had tried to tell; all thru the years Spearman had dreaded the Drum which had tried to betray him. So it was by the Drum that, in the end, Spearman was broken.

The priest's voice had stopped, as Alan slowly realized; he heard Sherrill's voice speaking to him.

"It was a trust that he left you, Alan; I thought it must be that—a trust for those who suffered by the loss of your father's ship. I don't know yet how it can be fulfilled; and we must think of that."

"That's how I understand it," Alan said.

Fuller consciousness of what Father Perron's story meant to him was flowing thru him now. Wrong, great wrong there had been, as he had known there must be; but it had not been as he had feared, for he and his had been among the wronged ones. The name—the new name that had come to him—he knew what that must be: Robert Alan Stafford; and there was no shadow on it. He was the son of an

honest man and a good woman; he was clean and free; free to think as he was thinking now of the girl beside him; and to hope that she was thinking so of him.

Thru the tumult in his soul he became aware of physical feelings again, and of Sherrill's hand put upon his shoulder in a cordial, friendly grasp. Then another hand, small and firm, touched his, and he felt its warm, tightening grasp upon his fingers; he looked up, and his eyes filled and hers, he saw, were brimming too.

They walked together, later in the day, up the hill to the small, white house which had been Caleb Stafford's. Alan had seen the house before but, not knowing then whether the man who owned it had or had not been his father, he had merely looked at it from the outside. There had been a small garden filled with flowers before it then; now yard and roofs were buried deep in snow. The woman who came to the door was willing to show them thru the house; it had only five rooms. One of those upon the second floor was so much larger and pleasanter than the rest that they became quite sure that it was the one in which Alan had been born, and where his young mother soon afterward had died.

They were quiet as they stood looking about.

"I wish we could have known her," Constance said.

The woman, who had showed them about, had gone to another room and left them alone.

"There seems to have been no picture of her and nothing of hers left here that any one can tell me about; but," Alan choked, "it's good to be able to think of her as I can now."

"I know," Constance said. "When you were away, I used to think of you as finding out about her and—and I wanted to be with you. I'm glad I'm with you now, tho you don't need me any more!"

"Not need you!"

"I mean—no one can say anything against her now!"

Alan drew nearer her, trembling. "I can never thank you—I can never tell you what you did for me, believing in—her and in me, no matter how things looked. And then, coming up here as you did—for me!"

"Yes, it was for you, Alan!"

"Constance!" He caught her. She let him hold her; then, still clinging to him, she put him a little away.

"The night before you came to the Point last summer, Alan, he—he had just come and asked me again. I'd promised; but we motored that evening to his place and—there were sunflowers there, and I knew that night I couldn't love him."

"Because of the sunflowers?"

"Sunflower houses, Alan, they made me think of; do you remember?"

"Remember!"

The woman was returning to them now and, perhaps, it was as well; for not yet, he knew, could he ask her all that he wished; what had happened was too recent yet for that. But to him, Spearman—half mad, and fleeing from the haunts of men—was beginning to be like one who had never been; and he knew she shared this feeling. The light in her deep eyes was telling him already what her answer to him would be; and life stretched forth before him full of love and happiness and hope.

THE END.

### A Big Surprise Package

Wouldn't it be a big surprise to you if you were to receive from Kansas Farmer and Mail & Breeze a package containing seven dandy books without it costing you a single penny? Wouldn't you think it great?

Well, we will send seven dandy books, postage prepaid to all who send us five three-months subscriptions to Kansas Farmer and Mail & Breeze at 25c each; \$1.25 in all. We make this exceedingly liberal offer to introduce our paper to new subscribers.

You will receive a book of twenty-four Novels, a Shakespeare book, A Cook Book, A Story, "Married by Mistake," a Crochet and Tatting Book, and an Illustrated Story of the Great Panama Canal, written by Senator Capper, and a Pocket edition of the New Testament.

Our supply is limited, so hurry in your order, as you cannot afford to miss this offer.—Adv.

To tax or not to tax, that is the bonus question.



## Capper Poultry Club

### Winners of Blue Ribbons Believe in Preparedness

BY RACHEL ANN NEISWENDER  
Club Manager

LITTLE Miss Club Girl is doing her share of dreaming these days. No, she isn't lying in a hammock under a friendly tree, with her eyes fixed on the heavens, while the book she has started to read lies open on the ground. No, it isn't in this manner that she drifts along in that pleasant realm of day dreams, as far removed from earth as the billowy clouds that float lazily thru the sky.

But she is day dreaming, even if her hands and her feet have been busy all day long, doing the many tasks that fall to daughter during the busy summer season on the farm.

And what are her day dreams? They used to seem far away—but lately they come nearer and nearer. She is dreaming of county fairs and poultry shows, her own pretty chickens and—blue ribbons. In fact all the day dream centers about those blue ribbons.

#### Train Birds For the Show

Now is the time for each of you to think about the fairs that are soon coming, and well you know that fair time is show time. You realize the value of this from an advertising standpoint. You should put your birds on exhibition at every opportunity.

When you go to the fair, you like to dress up. Perhaps, you don't wear your prettiest frock, but you do like to look clean and sweet. Your chickens will be noticed much more than you will, and therefore every girl should see that her chickens are "dressed up" for the fair.

Birds having white plumage should be washed, and in all cases the birds should be made as attractive as it is possible to make them. Their quarters should be clean. Moreover it is very important that your chickens be in good condition, for many a prize winner has lost the coveted ribbon just because of being out of condition. See that the chickens have the run of the pen part of the time, and feed lightly

#### The Secret of Success

"Push," said the button.  
"Take pains," said the window.  
"Never be led," said the pencil.  
"Always keep cool," said the ice.  
"Be up to date," said the calendar.  
"Never lose your head," said the barrel.  
"Do a driving business," said the hammer.  
"Make light of everything," said the fire.  
"Aspire to greater things," said the nutmeg.  
"Be sharp in all your dealings," said the knife.  
"Do the work you are suited for," said the chimney.  
"Find a good thing and stick to it," said the glue.

in good, sound, hard grain, unless you are feeding for special development. Do you remember the first time you were out in a large crowd? Did you become frightened? Your chickens are likely to become frightened in the strange, crowded poultry building unless you have trained them before they go. To do this, place them in a coop, as nearly as possible the size of the exhibition coop, and put them in a place where persons pass frequently. If they become frightened and try to fly out, place a paper over the top of the coop, so that their combs will not be injured. Do not handle too much, but enough to tame them. More detailed directions for exhibiting your birds will be sent to you soon. If you do not receive them, let me know, and I'll send them to you.

To prove again that parents and grown-ups are much interested in the progress of poultry club girls, I wish to announce another breeder's prize. Ralph Edwards of Burdick, father of Annie Laurie Edwards, our Morris county leader, offers two prizes. A

\$5-cockerel to the girl making the best record in the large pen department, and a \$5-cockerel to the girl making the best record in the small pen department. I know that every girl in the poultry club is just as well pleased with this offer as I am, and I'm sure we thank Mr. Edwards for his generous offer, and for his interest in us.

#### McCray Stands up for Kansas

D. O. McCray, Republican candidate for secretary of state, is one Kansan who never misses an opportunity to write of the great things this state has accomplished in his residence in it of more than 40 years. In a letter he wrote to a newspaper friend out in the state recently, Mr. McCray said: "We Kansans should count our blessings. The more than 40 years we have lived in this splendid state have been filled with the richest of blessings for all of us. So many good

things have been done by Kansas people in these 40 years in legislation and everything that tends to the betterment of society, that one cannot count all the blessings for which we should be thankful.

"The greatest blessing and heritage to the present generation in Kansas, has been handed down in the history, achievements and self-sacrificing service of its pioneer women and men who laid broad and deep our state's foundation. For they endured and sacrificed, lived in lonely sod huts and dugouts, and knew only of privation and loneliness.

"The children and grandchildren of these early state builders largely constitute the present citizenship of Kansas, who should count the blessings they enjoy as compared with the trials and sacrifices of their pioneer parents 40 and 50 years ago."

When the voters hunt out D. O. McCray's name on the ballot for secretary of state in the primaries August 1, they will mark an X opposite to reward one of the state's best advertisers and one of the most useful citizens in Kansas.

#### 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.



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Quality Construction  
Pulls 3 to 4 Plows  
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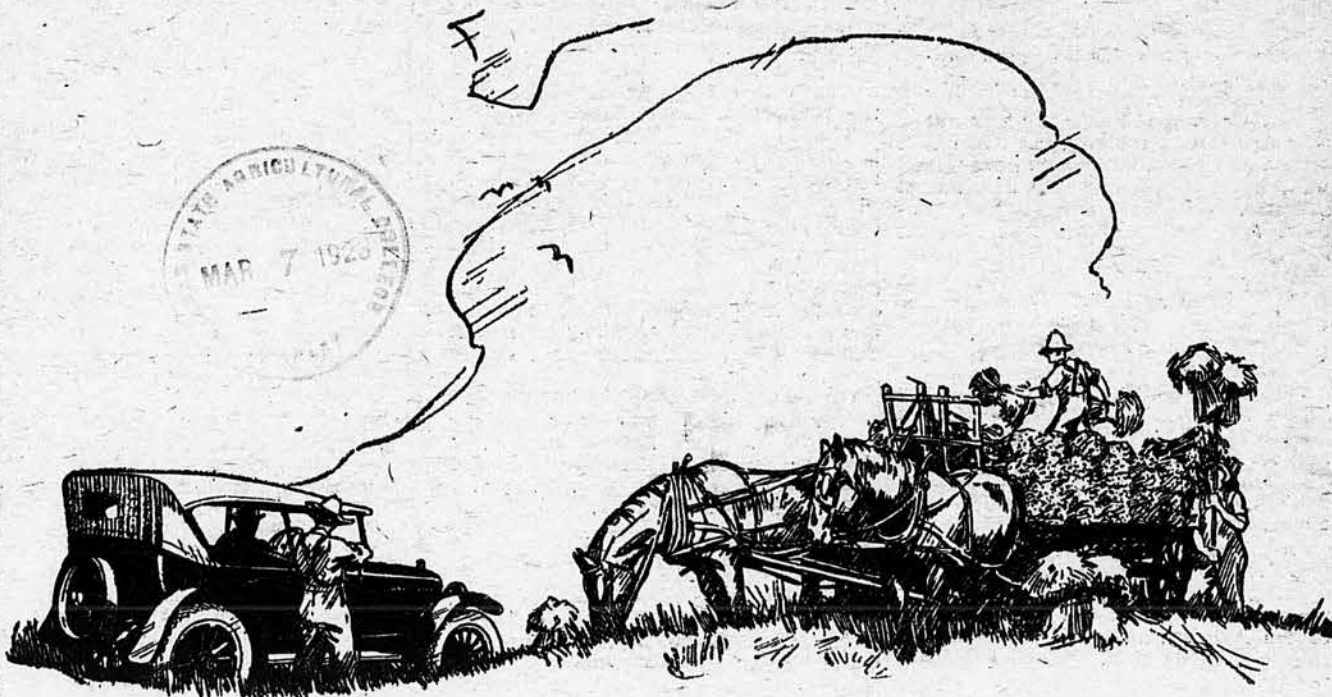
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job, without trips to town for repairs and tinkering. It earns by the time it saves around the farm, by the chores it does more quickly.

These things are matters of record.

They are known as facts to every farmer who owns the Hupmobile—for he is getting better service from his car, at lower cost.

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Hupp Motor Car Corporation, Detroit, Michigan

# Hupmobile





# Our Kansas Farm Homes

Mrs. Ida Migliario  
—EDITOR—

## Five New Dresses for Ice Cream—You'll Want to Try Them All



**F**REQUENTLY one wishes to dress up plain ice cream with a sauce. Chocolate is liked by so many persons that one always feels safe in serving it—it is always received with favor. Here are recipes for chocolate and other sauces for homemade ice cream.

### Chocolate Sauce

1 square chocolate 1 tablespoon butter  
1 cup sugar ½ teaspoon vanilla  
½ cup boiling water

Melt the chocolate over hot water, add butter and pour the water on gradually. Boil 15 minutes, add the vanilla and serve while warm or when cold on ice cream.

### Hot Cocoa Sauce

2 tablespoons cocoa 1 tablespoon corn-  
1 cup sugar starch  
1½ cups water 1 teaspoon vanilla  
½ teaspoon salt

Boil water and sugar for 2 minutes, add cornstarch mixed in a little cold water, add cocoa which has been mixed with a little warm water and boil 3 minutes. Add salt and vanilla. Remove from fire and serve at once on ice cream.

### Date and Nut Sauce

4 tablespoons 1 cup water  
chopped dates ½ cup sugar  
4 tablespoons 1 teaspoon vanilla  
chopped nuts ½ teaspoon salt

Boil dates, sugar and water until the liquid makes a sirup. Remove from fire, cool, add nuts, salt and vanilla and serve on ice cream.

### Brittle Nut

1 cup sugar 1 cup nut meats

Caramelize the sugar. To do this place it in a pan and heat on the stove, stirring constantly. Do not add any water. When the mass becomes light brown in color, add the nuts and pour into a greased pan. When cold roll until very fine and sprinkle on top of ice cream.

### Marshmallow Sauce

Thin the commercial marshmallow whip or topping with the juice of fresh or canned fruit or berries and serve on ice cream.

### What Tin Cans Will Cost You

Have you looked into the possibilities of using tin cans for putting up fruits, vegetables and meats this year? With the use of a can sealer one can put up more food in less time than in any other way, and the tin can method is no more expensive than the glass jar method.

Tin cans cost anywhere from 3 to 5 cents a piece depending on the part of the country in which one lives. However, these cans will give service for 3 years with only an outlay of 1 cent a year to a can for new tin lids. Figuring the cost of the can plus the additional 1 cent a year for new lids and dividing the total by three, the number of years of use, we find the average cost around 1½ cents a year.

### Several Ways to Can Beets

To can beets pull while young, boil until tender, drop into cold water and remove skins. Slice or quarter and pack into jars. Cover either with hot water, plain vinegar, diluted to taste, or with spiced vinegar if sweet pickles are desired. Adjust rubbers, screw down lids loosely and sterilize 1 hour—only in case the beets are covered with water. If vinegar, either plain or spiced, is used, merely bringing the contents of the jars to boiling heat is all that is needed. But this is absolutely necessary.

The mere packing of beets into jars and covering with heated vinegar will

not give satisfaction as fermentation is likely to result. This will not happen if pickles are brought to boiling heat in vinegar and sealed immediately.

A good sirup for use with either beets or cucumbers is made by boiling together 2 pounds of sugar, 1 pint of vinegar and 2 teaspoons of whole cloves, stick cinnamon or any other flavoring desired. Simmer slowly 10 minutes, then pour over jars of beets or other pickles, bring to a good boil, and seal. This is for a well flavored sweet pickle which may be made of beets, cucumbers, green tomatoes or peaches.

Mrs. Lily York.

### Winged Screen a Comfort Maker

Our home is without a dining room so meals are served in the kitchen. This is quite comfortable in the winter but in the summer the heat of the stove is not so welcome. Knowing that we could not build on a new room this year, my husband and I made a screen which can be placed between the range and the table conveniently.

This is a three-winged screen which has hinges so it can be folded up when not in use. It is covered with dark green denim. The lining is of sheet asbestos which is not expensive. I glued the asbestos to the denim and then tacked this to the frame of the screen with brass-headed tacks. The asbestos helps to keep the heat of the stove from the table and the screen makes us feel that we have a dining room.

Of course, designs might be stenciled on the denim if one wished or cretonne might be used as a screen covering. I consider this little homemade device a great comfort maker. Mrs. W. T. Y. Montrose Co., Colorado.

### Plans to Go to Club Roundup

Club work in Leavenworth county, was begun by Miss Whipple in March, 1922. Miss Howe is continuing the work, having added five more clubs to the 10 already organized. Two clubs have taken up Farm Bureau work.

We have about 240 junior club members in Leavenworth county this year, and the girls are carrying on all sorts of activities to make money so that they can attend the club roundup at the Kansas State Agricultural College next fall. Every club will send at least one out-standing member who has done the best work in her particular club this year.

In order for a club to receive an achievement seal 60 per cent of the members must complete their club work and file a final report, they must give an exhibit, a demonstration, and

at least six regular meetings must be held by the club during the year.

We are planning a big achievement day in Leavenworth. Then an achievement pin will be given to each member who completes the club work and files a final report, each standard club will be given an achievement seal, and stories of the work accomplished will be told.

Ann E. Martin.

### Have You Ever Baked Quinces?

If you have never tried baking quinces, you'll be surprised to discover how delectable they are. Only the golden, fragrant fruit is selected for this purpose.

After paring and coring the quinces, place them in an earthen baking dish, fill the cavities in the fruit with su-

beautiful picture to me, the kind I should like to paint if I were an artist.

My first remembrance of these feelings came long ago, when as a little barefoot girl with a doll in one arm and a bunch of gay wild flowers in the other hand, I walked from my shady playhouse into the kitchen and found mother making raspberry jam, currant jelly and other good things. How fragrant was that kitchen! Nothing has ever tasted better than the skimmings from those preserve kettles.

Later school would start. Then I went my way mornings with a lunch basket and books in my hands, a sun-bonnet on my head. When I left the kitchen, the window ledges were crowded with big, red tomatoes ripened by the sun. Before arriving home the spicy odor of catsup and tomato but-

## Eating to Live Well

**N**O ONE can have health who eats too much.

No one can have health who eats too often.

No one can have health who eats when tired, hurried, worried, anxious or excited.

When you have eaten, do not wonder if the food will agree with you. When you begin to wonder, trouble begins. If you fear it, do not eat it. If you eat it, do not fear it.

Be cheerful at your meals. A sour countenance will give you a sour stomach.—Good Health.

gar and grated lemon rind and pour sufficient water about them to fill the dish half full.

Best results are obtained if the baking dish is kept covered during the cooking. The fruit should be basted frequently.

Since it requires several hours to bake quinces so they will become a rich deep red color, it is well to bake beans, a meat loaf, ham or some other food that requires a long oven cookery at the same time. The parings and cores may be saved for use in jelly.

Warm baked quinces are best served with butter and sugar and cold ones are fit for a king if topped with sweetened whipped cream.

### Memories of Mother's Kitchen

Whenever summer comes I am glad to be a farm woman. Now I know this sounds strange to many housekeepers for with a garden, chickens, housework, men to cook for and all the rest, there is no leisure time.

For some reason the farm kitchen in the harvest season has always been a

ter greeted me down the path and green tomatoes peeped from the windows at me. When these ripened, the process was repeated again.

I always admired this kitchen picture. Mother with her gingham apron and fruit stained fingers. Her smile. The shining kettles and pots on the stove. Those filled cans and glasses. And so I enjoy this same work from year to year, taking mother's place in my own family and "carrying on" the good work.

Mrs. M. K. F.

Cherokee County.

### Geraniums Root Best in Sand

While there is much complaint about geraniums failing to bloom in winter they still are about the most popular winter flower. Few plants make a better showing, and those which do not bloom in midwinter will have plenty of blossoms toward spring. July or early August is the time to begin preparing for winter bloomers. Cuttings of good, strong tips rooted then will make the best plants for the pots we like best in the windows. We could take up the old plants and have large specimens that would bloom more, but their size would be against them.

Cuttings can be rooted in the pots in which they are to grow, but the better way is to root in sand or in small pots and transplant into larger pots.

The geranium is easily rooted, but should not have too much water during the process—just enough to keep the leaves from wilting. When roots show thru the bottom hole in the small pots/repot into larger ones. Then the plants should be allowed to fill the pots full of roots and become pot-bound, for it is this check that will start them to blooming.

Bertha Alzada.

### Cellar as Storage Room

A cellar or basement can be used for storing almost all kinds of preserved food if the temperature and ventilation can be regulated. If the heating arrangement for the house is in the cellar, the storage room should be as far away from this as possible, and in a separate room.

For most types of storage, the room should be dry, but if vegetables are to be kept in fresh state, arrangements should be made to provide moisture.

## Good Salad is Punch of Picnics



### Potato and Egg Salad

2 cups cabbage 2 cups cooked potato  
2 eggs 1 tablespoon parsley  
2 tablespoons pickle Few drops onion  
2 tablespoons green juice  
pepper

Cut the cold boiled potatoes in small cubes, shred the cabbage finely, slice the hard cooked eggs and combine with the chopped pickles, pepper and parsley and the onion juice. Celery may be used in the place of the cabbage and cucumbers. Combine with any cooked salad dressing.

### Boiled Salad Dressing

1 teaspoon mustard 2 tablespoons butter  
1 teaspoon salt ¼ cup water  
1 egg or 2 yolks ¼ cup vinegar  
1½ tablespoons flour 2 teaspoons sugar

Combine the mustard, salt, sugar, flour and the egg. Add the butter, water and vinegar. Cook over boiling water, stirring constantly until the mixture thickens. Strain and cool. If mixture is thicker than one wishes, it may be diluted with cream before being used.

Mrs. Gladys Winters.



# Midsummer Fashion Trends

More Charming Uses to Make of Ginghams

BY MRS. HELEN LEE CRAIG



1450—Women's Negligee. A negligee that is practical enough for a breakfast or house gown is shown affecting an empire waistline. Sizes 36, 40 and 44 inches bust measure.

1454—Women's and Misses' Apron or House Dress. The attractive dress shown is cut in one piece from neck to hem. Sizes 16 years and 36, 40 and 44 inches bust measure.

1452—Women's Apron. This attractive new apron is made with a semi-gathered skirt joined to a bib section. Sizes 26, 28, 30, 32 and 34 inches waist measure.

1167—Women's Dress. The fashionable long waistline emphasized with a wide sash adds greatly to the youthfulness of this model. Sizes 36, 38, 40, 42 and 44 inches bust measure.

1441—Child's Dress. Surplice effects

have been accepted in the small girl's fashion world. Sizes 2, 4, 6 and 8 years.

1460—Women's Dress. A linen frock like this could be counted upon to give excellent service. Sizes 36, 38, 40 and 42 inches bust measure.

1458—Women's Dress. With gingham frocks in the lead for summer wear it is advisable to have at least one of these cool-looking affairs in your wardrobe. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

1448—Child's Dress. The novel 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.

## Women's Service Corner

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

### Why Hair Turns Gray

What causes hair to turn gray?—Mrs. F. B.

Gray hair is not always a sign of age. Sometimes the hair begins to turn gray when one is under 30 years of age. Severe illness, prolonged worry, intense mental strain, deep sorrow, constant pain or even dandruff may cause grayness. An improved physical condition will frequently arrest grayness, but treatment given with the thought of restoring gray hair to its natural color is disappointing.

### Causes of Dandruff

Can you tell me the cause of dandruff?—Mrs. T. C.

Impaired circulation of blood to the scalp causes dandruff. General debility, over-work, protracted illness, anemia or any disease that lowers one's vitality will in turn affect the circulation of the blood. Scientists have discovered many different germs in dandruff scales and in their hair follicles so it is a fairly well established fact that dandruff may be caused by bacteria.

### Soap Jelly

I should like to know how to make soap jelly and how to wash lingerie waists with it.—Mrs. K. P.

To make the jelly shave 1 cake of mild soap into 1 quart of soft water. Cook thoroughly until dissolved. Put this into a 2 quart jar and fill with soft water. This is ready to be used as needed. For washing lingerie waists add borax and soap jelly to the water. One tablespoon of soap jelly and 1 tablespoon of borax should be allowed to every 2 quarts of water. If the

water is hard use twice the amount of borax and soap jelly. Dissolve the borax in a little hot water and add the soap jelly. The rest of the water may be used cool. Place the waists in the solution and squeeze the material to force the soapy water thru the meshes. When the waist is clean, rinse thoroughly and dry.

### Silverfish in Bookcases

Silverfish are in my bookcase and they are injuring my books. How can I get rid of them?—C. V.

An effective method is to mix 1 teaspoon of powdered arsenic with ½ cup of flour. Make a thin paste by adding boiling water. Spread it on small pieces of cardboard and place them on the shelves of the bookcase. Put some on the tops of the books.

### Savory Vegetable Seasonings

Any good cook knows that vegetables, to be at their best, require a seasoning of fat. Butter is the accepted fat but I find meat drippings more savory. Such fats are from fried sausage, ham, bacon and pork, veal and especially chicken.

Care must be taken that these fats are sweet and clean and devoid of any burned odor, for fat at too high a temperature is not only unpalatable but is a frequent cause of indigestion. Clay County. Mrs. S. M. J.

### To a Plow Woman of Norway

Deep-bosomed, stalwart-limbed, superbly made, Unconscious of her power and her grace, Accustomed to the blowzy wind's embrace, Magnificent, unlettered, unafraid, She guides her course past interlacing streams, Striding the fields behind her ancient plow, Or halts beneath some blossoming, frail bough To rest her beast and give herself to dreams, Her eyes survey the road, the moor, the peat, With wide, untroubled gaze, she plays no part, No joys rise up to suffocate her heart Because a smile falls lightly at her feet. To one who comes for her at dusk, perchance, She lifts a brief, intoxicated glance. —Margaret Ted Ritter.

## Macbeth Nu-type Chimney

Approved by  
Standard Oil Company (Indiana)

DUE to the great demand for gasoline during the past twenty years kerosene has changed in its properties. In spite of this change the oil companies have been able to make present-day kerosene better and safer than the old kind.

But to get the big white light required for good illumination it is now necessary to use a specially designed chimney. Macbeth has now produced such a chimney. It is known as the Macbeth Nu-type Chimney. The fact that it has been approved by The Standard Oil Company (Indiana) insures that good light from kerosene will be obtained when this chimney is used.

You can get better and whiter light from this Macbeth Nu-type Chimney, if you use it properly. Used with a good burner it produces a big, steady burning, clear white flame. And it eliminates smoke and soot. The Macbeth Nu-type Chimney is made of permanently brilliant Pearl Glass. The shape is absolutely maintained in every chimney because it is made in a mould. This assures uniform thickness throughout and hence longer life for the chimney. Each Macbeth Nu-type Chimney bears the stamp of approval of The Standard Oil Company.

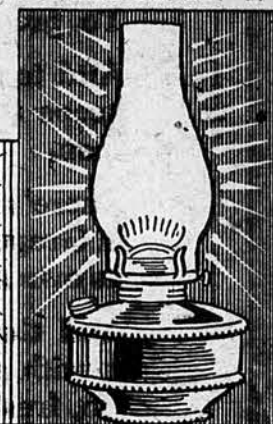
See your dealer. Ask him about the remarkable qualities of the Macbeth Nu-type Chimney. It solves your kerosene lamp troubles because it produces clear, white light free from soot and smoke. Send for Booklet.

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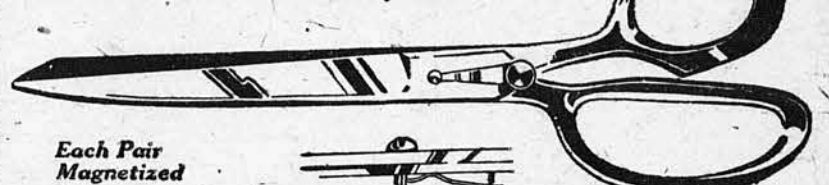
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We have just made arrangements for the purchase of 1,000 pair of "Cushion Bearing" Tension Shears and have secured what we believe is the lowest price ever made on such known quality. This eight-inch Tension Shears is easily adjusted for any kind of cutting. A slight touch of the thumb screw, and you can cut anything from tissue paper to a horse blanket. These Shears are extra heavy, hand-some, durable, easy cutting and each pair is magnetized. They are made of the best steel, shear finish, and adjusted with a new patent Tension Spring. Just the thing for Home Dressmaking.

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To all who send us only 50c for one new two-year subscription to Capper's Farmer, and 10c extra for wrapping and postage, (60c in all) we will send one pair of Shears free. This offer is limited, so send in your order today.

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This imported French harp has double notes accurately tuned and is just what every boy wants. Each harp comes in a handy telescope container and will be sent to you free for a club of 2 one-year subscriptions to Capper's Farmer at 25c each—a 50c club. CAPPER'S FARMER, Topeka, Kan.







## Health in the Family

BY DR. C. H. LERRIGO

### Diphtheria Can Easily be Prevented Thru the Use of Toxin-Antitoxin

ONLY last fall diphtheria was rampant thruout Kansas. We suffered the most serious epidemic in the history of the state. In 1921 no more than 376 persons died from the disease. The Kansas State Board of Health, fearing that last year's experience may be repeated this year, is already issuing warnings.

"There is a way to protect those who are susceptible to diphtheria," declares the secretary. "It has been on sale for about 10 years. New York and other large cities have protected hundreds of thousands of school children. Several thousand Kansas children were protected last year.

"This method consists in giving a child a series of three injections of a substance known as 'diphtheria toxin-anti-toxin.' After these three injections the child begins to develop protective substances in his blood, and a few weeks after beginning the treatment he is usually adequately protected against diphtheria.

"Children practically never experience anything but the most favorable result from this prophylactic treatment; rarely is the arm more than slightly swollen and rarely are there any constitutional symptoms. Adults, however, do not always react so favorably. If an adult, therefore, desires to be protected in this way, he must be prepared to suffer a moderate degree of disability for a day or two following the injections.

"Last year 376 persons died from diphtheria in Kansas. In view of this heavy and unnecessary mortality, others are urgently advised to consult a physician and have their children protected against this serious disease."

### Treatment for Acne

"I have pimples or big sores on my face, neck and breast, but they are the worst on my face. They are larger than the common pimples and have matter in them, sometimes they slightly go away between periods but there is still the small ones. I am bothered some with blackheads on my face. I am 19 years old. I generally take a cleansing bath twice a week but I do not pay much attention to what I eat or to my exercise. Will you please tell me what I can do or tell me what medicine I can take to be cured of this disease?" N. N.

Your trouble is known as acne. It is a stubborn disease to treat but has a tendency to clear up after a few years. The skin of the whole body must be kept vigorous, and should have a daily rubbing every morning. A cold morning bath is very good for those who are to stand it. The diet is somewhat of a factor. You should avoid fats and sweets and all fried foods. Drink plenty of water and eat freely of fruit and green vegetables. Exercise in the open air is very desirable. The bowels should move regularly at least once every day. Pimples that have matter in them may be opened with a sterile needle and the contents gently pressed out, but no force should be used and the sores must never be irritated by being "picked." The two most important things are daily attention to the skin of the whole body and correct diet.

### How to Remove Warts

Will castor oil remove warts? If not, what will? D. R.

Castor oil is no remedy for warts; something more caustic is needed. Removing them with a red-hot needle is the way. A better plan is to apply salicylic acid to the tissue around the warts and then touch them up with silver nitrate stick. This will have to be repeated on several occasions, one application seldom being enough. Be careful not to overdo the treatment. Glacial acetic acid may also be applied. This, likewise, demands several applications at different periods.

### To Straighten Teeth

Is there any way to straighten the teeth of a 16 year old boy? His teeth are strong and healthy. K. D.

Yes. He is not too old, tho it would have been an easier job if he had applied when younger. There are dentists calling themselves specialists in "orthodontia" who make this their chief work. Such a dentist will fit

braces and bring pressure to bear to crowd the teeth into correct position.

Mrs. R. D.:

Give me more particulars about yourself, stating age, height, weight, whether you have children, and such details as would naturally interest a physician, and I will write a personal reply to your letter. Of course you must also enclose a stamped return envelope. I cannot answer such inquiries thru the paper.

### Capper to Vote for McNeal

As the date of the state primary election approaches, the contest for governor has begun to excite the interest of Kansans temporarily exiled in Washington. Neither Senator Curtis nor Senator Capper is taking any direct part in the contest, but naturally they are watching the campaign with interest.

"I do not think it is up to a United States Senator to take a hand in the contests for state offices," said Senator Capper, "but as a citizen, of course, I have a preference, and I have no hesi-

tancy in saying that I intend to vote for Tom McNeal. Tom and I have been associated in newspaper work for about 28 years, and in that time I have come to have a high regard not alone for his ability but for his sterling qualities as a man and a citizen.

"If nominated and elected, he will make the state a splendid governor. He has had experience as a member of the legislature, as secretary to the governor, as state printer and as a member of the state school-text book commission. As governor I appointed him to the latter office, which, by the way, carries no compensation, and I selected him because I was well aware of his integrity and his ability, and I knew that the text book trust could neither pull the wool over his eyes nor influence him in the slightest degree.

"During the 30 years of editorial service in Topeka, Mr. McNeal has studied the needs of the state as few citizens have done, and no man is better fitted by knowledge, training and native ability to act as governor.

"I doubt if any man in Kansas is in closer touch with the desires and needs of the state than Mr. McNeal. Every

week and every day he has scores of letters from persons in every walk of life. He knows what the people are thinking about. His own life of personal frugality would be a guaranty that he would conduct the affairs of the state in a most economical manner, even if he did not possess the fine record of economy that he made as state printer and member of the school text book commission. It would be hard to calculate accurately the hundreds of thousands of dollars he saved the parents of the state by his unswerving stand for state publication of text books. The governorship would afford him a wider field in which to exercise his penchant for economy.

"In saying these things in behalf of my friend, Tom McNeal, I do not, of course, reflect in the slightest degree on the capabilities of the other good men who are seeking the Republican nomination for governor. I have supported all of them for one office or another in the past and I gladly bear witness to their excellence as citizens and public servants, but as a citizen myself I have a choice and that choice is Tom McNeal."

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# Business and Markets



By John W. Samuels

**STRIKES** of the railway craftsmen and the coal miners overhang and threaten the great business revival that everybody has predicted was sure to be ushered in next fall. Nevertheless, confidence is widespread that the proposals of the Government looking toward a settlement will be of such a nature that neither employers nor employees can very long afford to ignore them. Both sides to the controversy it seems to me in the end must admit that the public also has rights in this matter which cannot be ignored.

## Conditions Ripe for Trade Revival

"With these obstacles removed," says the First National Bank of Boston in its last monthly letter, "conditions are ripe for a continuance of the upward trend in business activity. Barring coal shipments, the railroads are already carrying record volumes, and the need for additional equipment is becoming acute. Altho railroad buying is now of large proportions, huge amounts must be expended to keep pace with the enlarging transportation demands. Bank clearings continue to rise and the time figures for the country exceeded those of June a year ago by 16 per cent. Despite high costs for coke, pig iron production is mounting and steel mills are operating at 75 per cent to 80 per cent of capacity.

Stockmen are pleased to see livestock prices hold up as well as they have and if good markets for cattle and hogs can be assured for next fall and winter the livestock industry will once more get back on a firm basis. The importance of the beef cattle industry has never been appreciated as much as at the present time. Started on the Atlantic Coast by the first English and Dutch colonists, the cattle industry spread rapidly westward across the Appalachian Mountains, the Mississippi Valley, the Great Plains and Rocky Mountains. But despite this wide extension of the cattle industry it has failed to keep pace with our rapidly increasing population.

## Population and Beef Production

According to the last United States Census 20 per cent of all the farms in this country have beef cattle, but large as this may seem more farms must get into the beef cattle industry if the Nation's demand for beef is to be met. The number of all cattle and of cattle other than milk cows as compared with the population of the United States for every 10-year period from 1850 thru 1920 is shown in a very striking way in the accompanying graph. A study of the graph reveals that while since 1895 there has been little change in the relative numbers of cattle for each decade there has been a steady and rapid increase in our population.

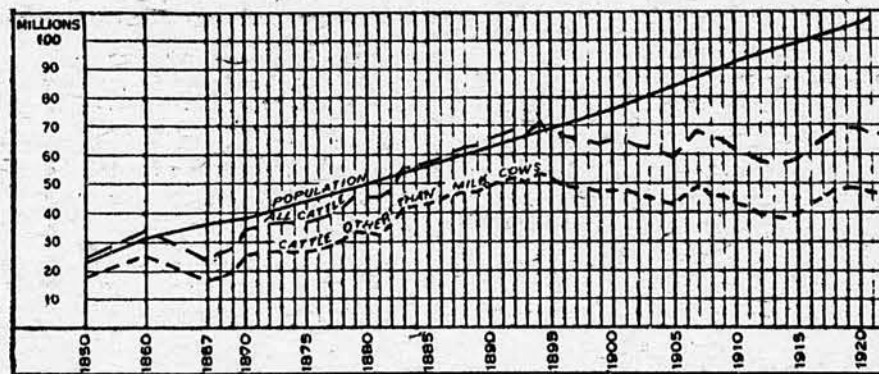
## Kansas City Livestock Sales

Choice cattle are in demand both at Kansas City and Chicago and are gradually approaching the \$11 mark. Good light hogs also are headed toward the \$11 mark. Prime grades of cattle at Kansas City this week sold up to \$10.50, a new high record price for the year and choice to prime grades were generally higher. Good grass fat wintered summer-grazed kinds were steady and the other classes generally lower. Hog prices rallied 30 to 40 cents, 10 to 15 cents of the gain being reported at the close of the market. After Monday sheep and lambs developed a sagging tendency and closed the week with sharp net declines.

Receipts for the week were 44,500 cattle, 8,275 calves, 27,100 hogs, and 25,350 sheep, compared with 40,800 cattle, 10,000 calves, 42,475 hogs, and 18,800 sheep last week, and 30,600 cattle, 12,150 calves, 33,050 hogs, and 20,350 sheep a year ago.

## Cattle Reach High Levels

An urgent demand for choice to prime corn fat cattle developed this week and prices rose 15 to 25 cents to a new high level for the year. Best steers here brought \$10.25 to \$10.50, and the good to choice kinds sold at \$9.50 to \$10.25. Heavily wintered summer-grazed steers sold at \$6.75 to \$9.50. Plain, ordinary and common steers were down 25 to 50 cents. Common grass fat steers sold as low as \$4.50,



Graph Showing the Number of All Cattle and of Cattle Other Than Milk Cows Compared with the Population of the United States from 1850 to 1920

and choice grassers up to \$8.75. Prime heifers were 10 to 15 cents higher, top \$9.60. Cows, except "canners," and medium heifers were lower. Veal calves declined 50 cents.

Good to choice stockers and feeders ruled strong to 25 cents higher, medium to good kinds steady, and common kinds were sharply lower. Choice fleshy feeders sold up to \$9.25.

## Top for Hogs is \$10.55

The hog market developed strength at the outset this week and continued a steady rise up to the close. Final prices were 30 to 40 cents above last week's close and within 20 cents of the high point last week. The top price was \$10.55, and bulk of the offerings, which were medium and light weight kinds brought \$10.25 to \$10.50. Pigs sold 10 to 15 cents higher, top \$10.05.

Lambs declined 75 cents and fat sheep were off 50 cents. On the close fat lambs were quoted at \$11.50 to \$12.75, ewes \$5 to \$7 and wethers up to \$8. Feeding lambs and breeding ewes were in light supply.

Less than 150 horses and mules arrived this week. Sales were made at steady prices. Demand was limited by the small receipts.

The general trend of the poultry market this week has been downward. Eggs are 3 cents lower and broilers are 1 cent lower. The following prices are quoted in Kansas City this week on poultry and poultry products:

Eggs—Firsts, 18c a dozen; seconds, 15c; selected case lots, 25c. Live Poultry—Hens, 16 to 19c a pound broilers, 23 to 25c; roosters, 11c; turkeys, 30c; old toms, 25c; geese, 8c; ducks, 14c.

The following sales of dairy products are reported in Kansas City this week:

Butter—Creamery, extra, in cartons, 38c a pound; packing butter, 23c; butterfat, 31c; Longhorn cheese, 21½c; Brick, 21½; imported Roquefort, 66c; Limburger, 20c; New York Daisies, 26c; Swiss, 38c; American Loaf cheese, 30c; Pimento, 32c.

## Hides and Wool

Hides are still in demand and prices are improving. The wool trade is still awaiting tariff developments at Washington. However, the greater part of the new clip is now out of the growers' hands and present interest centers in the basis on which it passes from dealers to weavers. The following quotations on green salted hides are given this week in Kansas City:

No. 1 green salted hides, 13c a

pound; No. 2 hides, 12c; bulls, 7c; side brands, 8c; glue hides, 4c; large horse hides, \$3.75 apiece medium horse hides, \$3.50; small horse hides, \$3; pony hides, \$2.25.

The following prices are quoted at Kansas City this week on Kansas, Oklahoma, and Nebraska wool:

Bright medium wool, 30 to 32c a pound; dark medium, 28 to 30c; light fine, 30 to 32c; heavy fine, 20 to 25c; light fine Colorado, New Mexico, Utah, and Texas wool, 30 to 35c.

## Kansas City Futures Decline

This week there was a break in wheat prices at Kansas City and there was a recession in futures of 2 to 6 cents for the week. Some of the factors that were responsible for this break to some extent were the increase in receipts at most of the winter markets, hope for an early settlement of the railroad strike, less apprehension about black rust in the Northwest, favorable weather thruout the Southwest, a big reduction in premiums for the better grades of milling wheat, and a prospective increase in the spring wheat crop of 50 to 60 million bushels. Lack of outside buying was evident and this also helped the bears.

As a result of these influences wheat futures in Kansas City closed near the low level for the week showing losses of approximately 6 cents for all deliveries while Chicago deliveries showed losses of 4 to 5½ cents. The railroad strike has now been in progress about four weeks and has been a considerable limiting factor in restricting operations in shipping. The wet weather has also greatly delayed threshing and this of course has made less wheat available for shipment. Some authorities estimate that not more than 5 per cent of the wheat in Kansas had been threshed last week. Even at this date there has probably been less than 10 per cent threshed. The principal markets last week received 6,615 cars or just about half as much as a year ago. Of this number Kansas City received 2,099 cars or 965 more than a week ago.

## Export Demand is Good

Export demand for wheat last week was good, England, France and Italy being the main buyers. Exports of wheat and flour from the United States and Canada last week approximated 6,107,000 bushels.

Favorable crop reports and a moderate increase in the receipts of corn caused corn futures to decline from 2½ to 3½ cents in Kansas City and from

1½ to 3 cents in Chicago except for July futures which lost only ½ cent. Export demand was good and sales for last week are estimated at 5 million bushels. Oats futures declined 2½ cents in Kansas City and 2½ to 3½ cents in Chicago.

The following quotations on grain futures are reported at Kansas City: July wheat, \$1.02½; September wheat, \$1.00½; December, \$1.02½; July corn, 53½c; September corn, 55½c; December corn, 55½c; July oats, 33c; September oats, 33½c; December oats, 37½c.

On cash sales at Kansas City hard wheat this week is quoted 2 to 8 cents lower; dark hard wheat 1 cent to 2 cents lower; and Red wheat 2 to 3 cents lower.

## Cash Quotations on Grain

The following quotations are given this week in Kansas City:

No. 1 dark hard wheat, \$1.15 to \$1.36; No. 2 dark hard, \$1.14 to \$1.36; No. 3 dark hard, \$1.13 to \$1.36; No. 4 dark hard, \$1.12 to \$1.35; No. 5 dark hard, \$1.25; No. 1 hard wheat, \$1.05 to \$1.24; No. 2 hard, \$1.04 to \$1.23; No. 3 hard, \$1.03 to \$1.22; No. 4 hard, \$1.02 to \$1.20; No. 5 hard, 98c to \$1.10; No. 2 Yellow hard wheat, \$1.04; No. 3 Yellow hard, \$1.03 to \$1.04; No. 2 Red wheat, \$1.03 to \$1.05; No. 3 Red, \$1.02 to \$1.05; No. 4 Red, 97 to 98c; No. 5 Red, 95c; No. 1 mixed wheat, \$1.04 to \$1.06; No. 3 mixed, \$1.03 to \$1.08; No. 4 mixed, 98c to \$1.05; No. 5 mixed, 94c.

## Corn and Other Cereals

Corn at Kansas City this week is in fair demand but is quoted unchanged to 1 cent lower. Kafir and milo are quoted 2 to 3 cents higher. Oats are unchanged to ½ cent lower.

The following prices are quoted at Kansas City:

No. 2 White corn, 57c; No. 3 White, 56½c; No. 4 White, 56c; No. 1 Yellow corn, 61½c; No. 2 Yellow, 61 to 61½c; No. 3 Yellow, 60½c; No. 4 Yellow, 59½c to 60c; No. 2 mixed corn, 57½c; No. 3 mixed, 57c; No. 4 mixed, 56½c. No. 2 White oats, 36 to 36½c; No. 3 White, 35 to 35½c; No. 4 White, 33 to 34c; No. 2 mixed oats, 34½ to 35c; No. 3 Red, 33 to 33½c; No. 4 Red, 31 to 33c; No. 2 White kafir, \$1.84 a hundredweight; No. 3 White, \$1.83; No. 4 White, \$1.84; No. 2 milo, \$1.95 to \$2; No. 3 milo, \$1.94 to \$1.98; No. 4 milo, \$1.92 to \$1.95; No. 2 rye, 80 to 81c; No. 3 barley, 56 to 57c.

## Hay and Millfeeds

Hay prices at Kansas City this week were comparatively steady and demand was fairly good. The following prices are quoted on cash sales: Choice alfalfa hay, \$17 to \$19 a ton; No. 1 alfalfa, \$15 to \$16.50; standard alfalfa, \$13 to \$14.50; No. 2 alfalfa, \$11 to \$12.50; No. 3 alfalfa, \$8.50 to \$10.50; No. 1 prairie hay, \$12.50 to \$13.50; No. 2 prairie, \$10.50 to \$12; No. 3 prairie, \$6 to \$10; packing hay, \$4 to \$5.

No. 1 timothy hay, \$14 to \$15; standard timothy, \$12 to \$13.50; No. 2 timothy, \$10.50 to \$11.50; No. 3 timothy, \$8.50 to \$10; Light mixed clover hay, \$14 to \$14.50; No. 1 clover, \$11.50 to \$13.50; No. 2 clover, \$8.50 to \$11; Straw, \$8 to \$9.

The following prices are quoted at Kansas City on millfeeds:

Bran, 75 to 78c; gray shorts, \$1.15 to \$1.22; brown shorts, \$1 to \$1.10; corn chop, \$1.27 to \$1.29; linseed meal, \$9 to \$55 a ton; cottonseed meal and cake, \$46.70 to \$51.70; tannage, \$70 to \$75; No. 1 alfalfa meal, \$19 to \$20; No. 2 alfalfa meal, \$16 to \$17; No. 1 molasses alfalfa feed, \$21; No. 2 molasses alfalfa meal, \$18; grain molasses horse feed, \$24 to \$27.

## Seeds and Broomcorn

The following quotations on seeds are given at Kansas City this week: Flaxseed, \$2.06 a bushel; German millet, \$1.25 to \$1.75 a hundredweight; Siberian millet, \$1.25 to \$1.75; canola, \$1.70; meadow fescue, \$4.

The following prices on broomcorn are quoted at Kansas City this week:

Fancy whisk brush, \$275 a ton; fancy hurl, \$250; choice Standard broomcorn brush, \$180 to \$220; medium Standard brush, \$140 to \$180 a ton for best grade.

## More Horses Sold This Year

**SEVEN** leading livestock markets, on or west of the Mississippi, according to the Horse Association of America, have forged ahead of 1921 records for January to June, in their horse and mule sales for the first five months of 1922. At Kansas City, Omaha, St. Louis, St. Joseph, Wichita, Oklahoma City and Denver, 70,098 horses and mules were sold up to June 1, 1922, as against 62,451 in the same period last year. Other markets show a decrease so slight that, considering the slack demands of 1922 business, a generally increased proportion of horse use is clearly indicated.

In round numbers, there are 27 million horses and mules in the United States, and last year, according to the Horse Association, over 200,000 of these were sold in only 14 of our city markets. The National Stock Yards at East St. Louis, Ill., handled the greatest number; their 1921 total was 67,756 horses and mules. 1922 promises to exceed this, for the first 5 months sales amount to 38,461 as against 33,995 for last year.



## Better Times for Farmers

### Kansas Crops Promise Big Yields This Year

BY JOHN W. WILKINSON

**B**BETTER times are undoubtedly coming for Kansas farmers if reasonably fair prices are paid for farm products and more equitable freight rates can be obtained. The season starts off propitiously with a wheat crop of a little more than 117 million bushels and if the weather continues favorable big yields of corn, kafir, feterita, milo, cane, Sudan grass, legumes and hay crops will be made. Fairly good yields of fruit, potatoes, and truck crops also are reported and everything indicates a prosperous season on the farms if farmers are given a square deal in shipping and marketing.

#### Special State Report

In the last report of the Kansas State Board of Agriculture dated July 22, J. C. Mohler, secretary of the board, estimates the corn crop at 5,000,000 acres with a condition of 89.2 per cent, a gain of 6.4 points in the last 30 days. This is 2.05 points better than for last year and 5.7 points better than the 5-year average. He estimates the oats crop at 33 million bushels and the barley crop at 23 million bushels.

The potato crop will approximate 5,203,000 bushels or 1,125,000 bushels more than a year ago and 1,600,000 more than the 5-year average. The Kaw River Valley crop will average 107.7 bushels an acre as against the state's acre yield of 88.5 bushels. The broomcorn acreage will aggregate 15,000 acres, an increase of 45 per cent. Its condition is given as 83.26 per cent.

The second cutting of alfalfa Mr. Mohler says will approximate 743,000 tons or .81 of a ton an acre. The first cutting yielded 1,184,000 tons. Harvesting of prairie hay is under way and will probably approximate \$25,000 tons on an area of 871,000 acres.

#### Local County Conditions

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

**Brown**—Very little threshing has been done. Wheat was damaged by the continued rains. Corn is in fine condition. Rural Market Report: Wheat, 99c; corn, 50c; cream, 30c; eggs, 17c; hens, 16c; springs, 27c; hogs, \$9.75. —A. C. Dannenberg, July 20.

**Clay**—Farmers are stacking their grain, because the threshers were delayed by the wet weather. The wheat that has been threshed is of poor quality and unsatisfactory in yields. The second crop of alfalfa, which is light, is being harvested. Corn, meadows and pastures are in excellent condition. Rural Market Report: Wheat, \$1; butterfat, 30c; eggs, 18c. —P. R. Forslund, July 21.

**Dickinson**—We had fine weather this week, with plenty of rain the first of last week. Threshing is now in progress. The wheat yield is satisfactory but the quality isn't of the best. The straw is very heavy. Oats are rather light but the yield is large. Corn is tasseling and is in excellent condition. —F. M. Larson, July 22.

**Elk**—Farm work has been at a standstill all week because of the wet weather. Some wheat has been threshed which was shriveled and did not make the expected yield. Corn is being laid by. Sorghum is not all planted. We had a strong wind on July 9 which did some damage. —D. W. Lockhart, July 20.

**Geary**—A long dry spell was broken by a week of heavy rains and hard winds which scattered wheat shocks, broke peach and other tree limbs, and blew down several wind-mills. Wheat will average from 15 to 20 bushels an acre. Potatoes are satisfactory. Corn is in excellent condition. All livestock is looking fine. —O. R. Strauss, July 20.

**Greenwood**—We have had nearly 10 inches of rain since June 30. Little stacking has been done which caused some wheat to be damaged in the shock. All streams have been very high, overflowing at some points. Not much threshing has been done. All rye crops look fine but a few fields are weedy. —John H. Fox, July 20.

**Haskell**—Harvest is nearly finished. Wheat harvested by combines averages from a few bushels to 40 bushels an acre. Farmers are busy cutting feed, which made an excellent growth after the rains of the last two weeks. —H. E. Tegarden, July 21.

**Jewell**—Corn is looking fine. Farmers are threshing and plowing. Oats and barley are not making the expected yields. Pastures have been revived by the recent rains and are now in excellent condition and cattle and horses are doing well. —U. S. Godding, July 22.

**Lane**—Harvest is practically finished. Feed crops are growing fine but need a good rain. Pastures are getting dry but livestock are doing well. Gardens are being damaged by bugs. Roads are in good condition. The corn acreage is small but is excellent. Rural Market Report: Butterfat, 29c; eggs, 13c; wheat, \$1; corn, 58c; old barley, 50c. —S. F. Dickinson, July 20.

**Linn**—The late rains left pastures in excellent condition and all kinds of livestock are doing well. A few public sales at which satisfactory prices were paid have been held lately. Some building, painting and remodeling is being done. Several farmers have begun plowing. Rural Market Report: Hogs, \$10; cattle, \$4 to \$8. —J. W. Clinesmith, July 21.

**Woodson**—We have been having plenty of rain and crops are growing rapidly. Wheat and oats shocks are wet and many farmers are now stacking. Some wheat has yielded as high as 18 bushels an acre and some as low as 3 bushels an acre. Late oats are unsatisfactory, but early oats are just fair. We now have plenty of water and grass for the cattle. —E. F. Opperman, July 20.

#### Verdict is Well Done

From Salina Daily Union.

We did not know until the official ballot was given us to print that N. A. Turner had opposition for the Republican nomination for state auditor. This is a great pity. Mr. Turner is one of the best officials Kansas ever

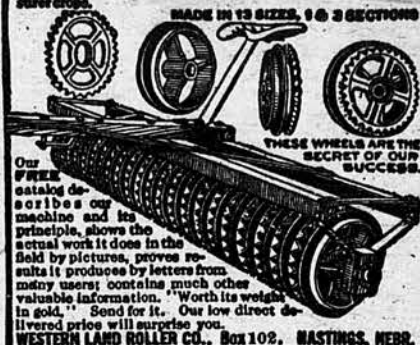
had; in addition to this he has been untiring in his efforts to find a way to reduce taxes. He supplied the ammunition for the tax fight which is now so prominent in Kansas and to him is due a large part of the credit of the campaign every candidate for governor is making for lowering expenses.

It is unfair for public officials of this kind to have to fight for a second term. But we do not believe he will have much of a fight. Certainly the people of Kansas appreciate a public official who has the courage to throw his challenge in the face of the state house and demand retrenchment and reform. Mr. Turner lives in Russell and in this part of the state his vote will be especially heavy.

Mr. Turner's name may appear second on the ballot in some counties. Look for his name when you vote in the primary.

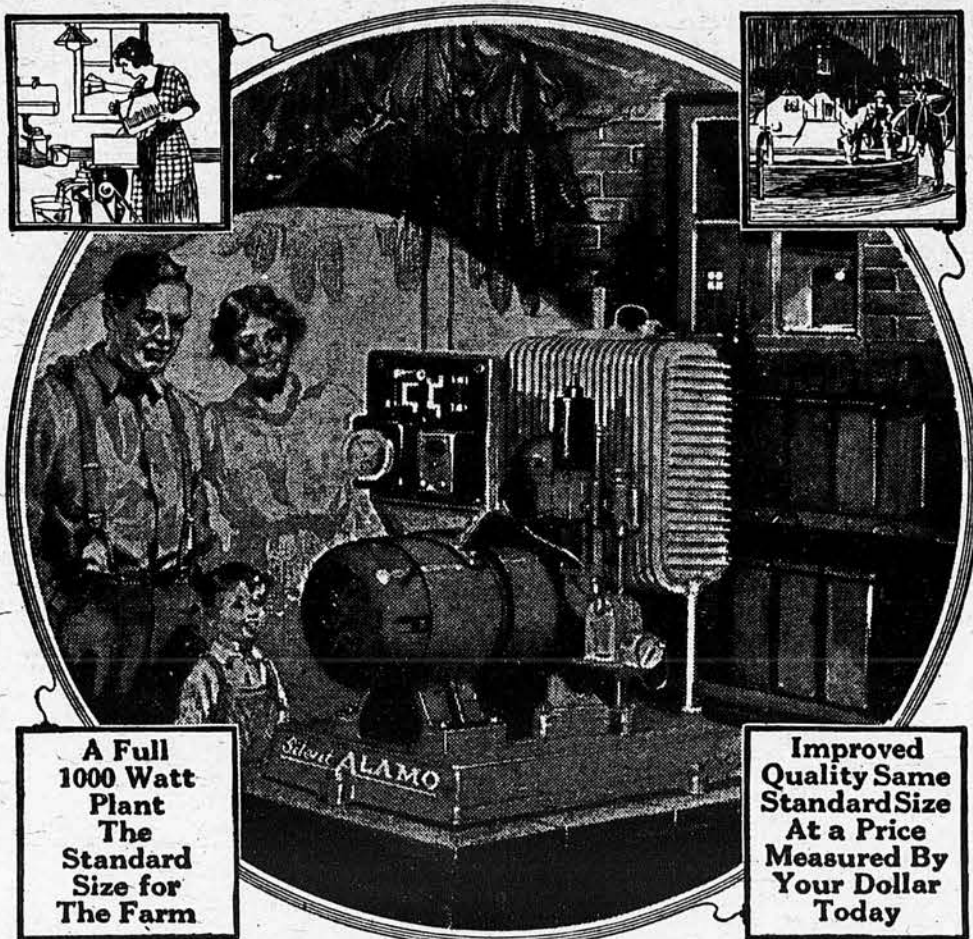
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**AGENTS—SELL RUSLER PUMPS, DISINFECTORS, AUTOWASHERS.** Davis sold 24 in 2 days recently. Profits \$2.75 each. New plan. Sprayer Company, Johnstown, Ohio.

**SIDE LINE SALESMAN WANTED TO** sell coal to your trade in carload lots. Earn a week's pay in an hour. For particulars write Washington Coal Co., 3634 So. Racine, Chicago.

**WANTED—RELIABLE, ENERGETIC MEN** to sell National Brand fruit trees and a general line of nursery stock. Unlimited opportunities. Every property owner a prospective customer. Carl Heart earned \$128.43 per week in 18 weeks, an average of \$128.43 per week. You might be just as successful. Outfit and instructions furnished free. Steady employment. Cash weekly. Write for terms. The National Nurseries, Lawrence, Kan.

## HELP WANTED

**\$135 MONTH COMMENCE. RAILWAY** mail clerks. Steady work. List positions free. Write today. Franklin Institute, Dept. G15, Rochester, N. Y.

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**5 POUNDS FULL CREAM CHEESE, \$1.35** postpaid. Roy C. Paul, Moran, Kan.

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

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**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.

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**KANRED RECLEANED SEED WHEAT,** \$2.25 per bushel sacked. Kanota oats, \$1.25. Taylor Sons, Chapman, Kan.

**ALFALFA, \$10; SWEET CLOVER, \$6;** timothy, \$3 per bushel. 98% pure. Standard Seed Company, Dept. C, Kansas City, Mo.

**FOR SALE—PURE INSPECTED SEED OF** Kanred, Blackbull, Fulcaster and Harvest Queen wheat and Kanota oats, inspected by the Kansas Crop Improvement Association, under the supervision of the Kansas State Agricultural College specialists. For list of growers apply to S. C. Salmon, Secretary, Manhattan, Kan.

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

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**FOR SALE—OZARK TRAIL GARAGE DO-** ing good business. Box 82, Piedmont, Kan.

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**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.

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**NEW OLDSMOBILE 8, SEVEN PASSEN-** ger, for \$1,250. Good second hand Oldsmobile 8, five passenger, for \$600. H. L. Thompson, Newton, Kan.

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

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

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

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IF YOU HAVE ANYTHING to buy, sell or exchange you will find these classified columns a profitable market place. The cost is small but results are big.

## FARM MACHINERY

### MACHINERY FOR SALE

**NUMBER NINETEEN OHIO ENSILAGE** cutter, excellent condition. G. L. Mathews, Kinsley, Kan.

**No. 17 OHIO ENSILAGE CUTTER, IN** good condition, for sale. Perkins & Munro, Oswego, Kan.

**FOR SALE—TITAN TRACTOR USED ONE** season and a half. Priced cheap. Chas. Deanner, Sterling, Kan.

**FOR SALE—RUMELY 20-40 TRACTOR,** Rumely 28x48 steel separator, nearly new. Ira Emig, Abilene, Kan.

**FOR SALE—ONE 26 INCH CASE SEP-** arator and 15-27 tractor, No. 1 shape. J. S. Schandler, Dresden, Kan.

**FOR SALE—BARGAIN, ONE SPALDING** Deep Tilling machine, A-1 condition, \$65. Ross Kenyon, Barnesville, Colo.

**FOR SALE—NEW INTERNATIONAL 14-18** power hay press. Baled less than 80 tons. H. P. Piott, Linn, Kan.

**HART-PARR 20-60, NICHOLS SHEPARD** separator 22-66, Birdsall alfalfa huller. Frank Silvester, Little River, Kan.

**FOR SALE—NEW, 2 OR 3 PLOW, MID-** west tractor, real bargain. Write for details. Potter Brokerage Company, Joplin, Mo.

**16-30 RUMELY, 4 BOTTOM PLOW, 10** tandem disc, look like new, \$1,500. Eight 28 inch disc plow, \$125. Orla Moore, Opolis, Kan.

**STEAM THRESHING OUTFIT—18 H. P.** Gaar-Scott engine, 36x60 Rumely separator, good condition, easy terms. Send reference. E. J. Bliss, Bloomington, Kan.

**FOR SALE—40-60 AVERY TRACTOR AND** complete wheat farming machinery to go with it. All in good shape and priced right. Purchaser has opportunity to rent all or part of 580 acres good wheat land. Shirley Stewart, Milan, Kan.

**FOR SALE—TWO USED SEPARATORS,** 24 inch, Avery-Wallis; two used Wallis tractors; one almost new 12-20 Emerson, \$450. One new Case 2 ton truck. Write for special cash prices on new Wallis tractors. M. O. Koelsing, Bloomington, Kan.

**CORN HARVESTER CUTS AND PILES ON** harvester or windrows. Man and horse cuts and shocks equal corn bind. Sold in every state. Only \$25 with fodder tying attachment. Testimonials and catalog free showing picture of harvester. Process Harvester Co., Salina, Kan.

**TRACTOR SALE—THREE BRAND NEW** Lauson tractors for sale cheap. One 16-35 guaranteed to pull three 14 inch plows and 26 inch cylinder separator. Two 15-30 guaranteed to pull four 14 inch plows and 30 inch cylinder separator. One rebuilt Rock Island Harvester with three power lift 12 inch plows in first class condition. For price and terms write Lock Box 31, Station A, Kansas City, Missouri.

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**BARGAINS IN REBUILT AND SECOND** hand gas tractors, steam engines and threshers. All ready to go in the field. One each 15-30, 18-36, 25-50 and 30-60 Aultman & Taylor gas engines. Two 25 horse Aultman & Taylor steam engines. One 25-45 Twin City gas tractor. Two 21 horse Advance steam engines. One 25-60 Avery gas tractor. One 15-30 Coleman gas tractor. One each 16 horse Rumely, Russell and Northwest steam engines. One 14 horse Gelsner steam engine. One 13 horse Russell steam engine. Various makes and sizes of threshers complete with attachments. If interested write or wire the Aultman & Taylor Machinery Company, 1201 West 10th Street, Kansas City, Mo., for price and terms.

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**FOR SALE OR TRADE—20x40 CASE** tractor for \$500. Want smaller tractor. Frank Fertig, Garfield, Kan.

**SALE OR TRADE—CASE 12-25, 1 MOGUL,** Gieser Steamer 25, 16-30 Rumely, 28x44 separator. Hebert & Sons, Hillsboro, Kan.

**FOR SALE OR TRADE—COMPLETE** wheat farming outfit. 1 Wallis tractor, 24 inch separator, six disc plow, two row lister, ridge buster, harrows, 20 hole drill, two binders, grain wagon. All in good shape. Used two seasons. Other business the reason for selling. Write J. G. Lewis, Conway Springs, Kan.

### MACHINERY WANTED

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"Culling Farm Poultry" is the title of a new bulletin issued by the department of poultry husbandry of the Kansas Agricultural Experiment Station. The work is edited by Loyal F. Payne, associate professor of poultry husbandry. It contains specific information on when and how to cull, and how to distinguish between the culls and good producers. A culling chart and an extensive list of references on culling are also given. The bulletin is probably the most up-to-date complete work ever written on the subject.

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QUALITY CHICKS, LEIGHORNS, ANCONAS and large breed, \$9 to \$11 per 100. Fleda Jenkins, Jewell, Kan.

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PURE BRED S. C. WHITE LEGHORNS. Hens bred to lay. \$7 per dozen if taken at once. Ruby McGinley, Levant, Kan.

IMPORTED ENGLISH BARRON S. C. White Leghorns. Trapped, bred to record, 300 eggs. Pullets, cockerels. Bargains. Geo. Patterson, Richland, Kan.

## MINORCAS

PURE BRED WHITE MINORCA PULLETS, \$1.25; cockerels, \$1 each. 3 to 5 months old. Susie Beachy, Garnett, Kan.

## POULTRY PRODUCTS WANTED

CASH BIDS ANY TIME ON BROILERS, hens, eggs. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

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160 ACRES, 4 mi. R. R. Good roads, 1/2 mi. school. House, barn, well, spring. Ideal fruit and dairy farm with 1/2 crop \$25 per acre, half cash. Ira P. Baker, Rogers, Ark.

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

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5,000 a. river bottom near Gov. Lowden's plantation. Half cult. 100 houses. Mules, machinery. Large mdse. stock. New land, above overflow. Hard surfaced highways. R. R. station on place. All for \$75 per acre. Terms. R. L. Bryn Real Estate Company, 121 Louisiana, Little Rock, Arkansas.

## KANSAS

108 ACRES. A bargain. Poor health. Terms. Col. J. Curtis, Osage City, Kan.

SMOOTH, wheat lands. Reasonable price. Terms. Clement L. Wilson, Tribune, Kan.

FOR LAND in Greenwood, Woodson and Coffey counties write J. G. Smith, Gridley, Kan.

SECTION 5-13-41 Wallace Co., Kan. Price \$15 A. Terms. M. M. St. Clair, Ft. Collins, Colo.

190 ACRES, 100 acres bottom, alfalfa, 10 room house, large barn, fine water. \$15,000. McClure & Sutton, Moline, Kansas.

80 ACRES good land, 4 room house, fine barn, outbuildings; poss. Aug. 1; terms. Price \$6,000. Write V. E. Niquette, Salina, Kan.

FOR SALE—level wheat farms in Catholic settlement. Sisters high school, also some business. J. S. Schandler, Dresden, Kansas.

SCOTT COUNTY QUARTER SECTION, 80 acres wheat, close to market. Easy terms. No trade. Jas. H. Little, LaCrosse, Kansas.

160 ACRES, 4 miles of town, good improvements, 150 cultivation. \$75.00 acre. Trades a specialty. Franklin Co. Inv. Co., Ottawa, Kansas.

SECTION SMOOTH WHEAT LAND, all grass, unimproved, \$20 per acre, \$3,000 cash will handle. Level wheat quarter mile to town. \$7,000. H. U. Porter, Quinter, Kansas.

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There are 7 other Copper Publications that reach over a million and a half families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

## Special Notice

copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, and week in advance of publication.

70 A., 6 mi. Ottawa, Kan. New Imp.; \$110 a. 125 a. 2 mi. R. R. town, Imp.; \$80 per a. 160 a. all tillable; well Imp.; \$100 a. good terms. Spangler Land Co., Ottawa, Kansas.

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, Kan.

BUY IN northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

QUARTER SECTION 1 1/2 MILES SATANTA Price \$3,700. Terms on \$2,000. Choice, level land. Best bargain on new railroad. Griffith & Baughman, Satanta or Liberal, Kan.

BEST RANCH IN KANSAS. 4,000 acres. 500 acres for alfalfa. Excellent buildings and equipment. All could be cultivated. An excellent opportunity. Write J. N. Bailey & Son, Hutchinson, Kansas.

160 ACRES, 2 1/2 mi. of town; all tillable; 5 room house, other outbldgs.; price \$60 per acre. For full particulars of this and other farms write, The Mansfield Land Mfg. Co., 312-13 New England Bldg., Topeka, Kan.

65 ACRES, 3 miles paved street, Ottawa, Kansas. Part bottom land. Improved. Well watered. Orchard. Sacrifice price for quick sale. Ask for August list. Mansfield Land & Loan Company, Ottawa, Kansas.

## YOUR OPPORTUNITY

to get a real farm home. 300 acres 6 miles town, good improvements, 100 acres cultivation, balance native grass pasture. Land all smooth. Price \$37.50 per acre. Mansfield Investment & Realty Co., Healy, Lane Co., Kan.

STANTON, GRANT AND HASKELL county, Kansas, land, 1/4 section and up, \$15 to \$20 acre. Buffalo grass sod. Best wheat land. Santa Fe Ry. now under construction. 1/2 cash, balance 5 years 6% annually. This land will double in value after R. R. is built. Bargains in S. W. Kansas improved farms. Write Eugene Williams, Minneapolis, Kansas.

ACRES 160, 2 miles of paved street, Ottawa, Kansas. 80 pasture, 80 farm land, good improvements, fine water, price \$75 per acre. \$4,000 will handle, rest good terms. Acres 80, 2 miles of town, Franklin Co., Kansas, all good land, good improvements, price \$100 per acre, \$1500 cash, loan remainder 5 years at 6% if wanted. Ottawa Realty Company, Ottawa, Kansas.

750 ACRE beautiful level farm, adjoining town in Lane county, Kansas; it's one of the finest bodies of land in county; 2 story, 7 room house, 2 large barns, granaries, other outbuildings; nearly 400 acres fine wheat; abundance water; real snap, owner non-resident; \$45 per acre; attractive terms. Mansfield Land & Loan Company, 415 Bonfils Bldg., 10th & Walnut, Kansas City, Mo.

376 ACRES, one of the best farms in Dickinson Co., Kansas. All under cultivation, with 200 a. wheat ground, 50 a. alfalfa, remainder in corn and other crops. 250 a. hog-fenced. Dwelling, cattle and hay barns, modern hog house, fine water supply and other improvements. 1 mile from shipping point and 4 miles from Abilene. Ill health of owner cause of sale. No trades considered. Terms. Box 429, Abilene, Kansas.

## PARTITION SALE FRANKLIN COUNTY LAND

Three tracts at auction at court house, Ottawa, Kan., August 7, 1922, 2 p. m. 200 acres splendidly equipped stock farm, good buildings, water, all fenced and cross fenced hog tight, practically all tillable. 80, extra fine—all tillable, smooth, fenced, 53 acres hay and pasture, fenced, well watered. All in Sec. 12 and 24 in 18, 20 and Sec. 18-18-21. Five mi. N. W. of Lane, Franklin County, Kansas. For details apply to I. J. Cornelius or Citizens Bank, Lane, Kansas, or F. M. Harris or W. B. Pleasant, Attorneys, Ottawa, Kansas.

HIGHLY IMPROVED DAIRY AND SUBURBAN FARM OF 170 ACRES. Adjacent to city limits of Coffeyville, Montgomery Co., Kan., a city of 18,000 pop. Practically all first creek bottom land, all tillable except 2 acres creek, permanent running water, practically all alfalfa land, 25 acres growing alfalfa. Barn 54x74 feet, 18 foot to eave; 32 steel stanchions equipped with automatic drinking fountains, concrete floors and feed troughs, 2 tile silos holding 150 tons each, hay mow holding 125 tons. Strucco dairy house 20x24. Comfortable residence, all buildings except residence practically new. Remember this dairy and suburban farm joins the city limits of one of the largest cities in Kansas. Price \$165 per acre. Peoples State Bank, by Martin Ladd, Receiver, Coffeyville, Kansas.

## CANADA

SASKATCHEWAN FARM BARGAINS. Sec. 1 mi. town, 450 in crop with 1/2 crop, \$45. Half adj. town, 100 a. cult., \$30. Another half 1 mi. away, \$22. 240 a. 4 mi. town, 200 in crop with 1/2 of crop, \$30. 360 a. town 3 mi., 200 crop with 1/2 crop, \$45. 2,000 a. all fenced, 1,400 cult., 800 crop, good dwelling, electric lights, water, barn, chicken house, granaries, horses, machinery, thrasher, equipment and crop, \$45 a. Crops promising. Write now. D. H. McDonald Co., Fort Qu'Appelle, Sask.

## OKLAHOMA

NORTH EASTERN OKLAHOMA 150 acre improved prairie farm, 4 miles from Pryor. Excellent stock and grain farm. Good soil. Plenty of grass and living water. Will sell at \$37.50 acre to settle estate. Terms. Expenses refunded if you say it's not a bargain. Other bargains. T. C. Bowling, Owner, Pryor, (Mayes Co.), Okla.

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30,000 ACRES—Tracts 160 a. upward. Crop payment plan. Doll & Lamb, Lamar, Colo.

FOR SALE—20 years time 6% interest. Colorado farms, small payment down. E. P. Olmstead, Penrose, Colorado.

640 A., Yuma Co., Colo. 225 a. under cult., bal. grass. With 5 horses, 10 Duroc gilts, 10 cows, 3 sets harness, wagon, machinery. \$25 a., 1/2 cash, bal. 7%. Box 24, Eckley, Colo.

BACA COUNTY LAND, \$15 to \$25 acre. Schools, churches, wheat, corn, 20 to 40 bu. acre. Two Rys. under construction. Prices advancing. Ellis & Norvell, Stonington, Colo.

BUY DIRECT from owner, save commission. 2 sections wheat land, all fenced. Half broke, ready for fall planting. 1922 wheat crop 25 bu. per acre. Will sell now for \$27 per acre. Half cash, terms to suit good buyer. Carl F. Schulz, Owner, Vona, Colo.

WE WANT SETTLERS, NOT MONEY. If in earnest, pay but little down, balance over period 10 years. Irrigated land, near Rocky Ford, in Otero Co., Colorado, banner county U. S. Sugar beets, cantaloupes, honeydew melons, alfalfa, corn, wheat, etc. Don't wait. Colorado Immigration Agency, 204 Sedgwick Bldg., Wichita, Kansas.

## MISSOURI

FARM and city bargains. Ideal environment. Schools, colleges. H. A. Lee, Nevada, Mo.

GREENE CO. dairy farms, 90 a., Imp., \$50 a. Easy terms. W. C. Cornell, Springfield, Mo.

STRAWBERRIES, grapes, fruit and poultry farms. Hatler Realty Co., Neosho, Mo.

LISTEN, 40 acre Imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

BARGAINS IN IMPROVED FARMS in Barton county, Mo., smooth prairie land. Write for list. John Fahlow, Lamar, Mo.

NOTICE—Account of sickness am forced to sell my 2 farms 40 and 120 Benton Co., Ark. Both Imp., well located. Get particulars. 210 Kan. City Ave., Excelsior Sp'gs, 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.

ATTENTION RAIN BUYERS—I have all size farms for sale. Well improved. Good soil. Good water. Mild climate. Low prices. Good terms. List free. Write Frank M. Hamel, Marshfield, Mo.

## OREGON

OREGON FRUIT RANCH. Clear 315 acres. Very choice location. \$40,000. Terms \$10,000 cash, balance 10 years 6%. Buy this and live where climate is ideal and crops never fail. Walter Jones, Salina, Kan.

## FLORIDA

FLORIDA LANDS, wholesale, retail, or exchange. Interstate Development Co., Searritt Bldg., Kansas City, Mo.

## TEXAS

FOR SALE—1,300 acres 1 mi. Santa Fe station, Seipscomb Co., Tex. Near Oklahoma line; good for grain or stock ranch. For particulars write Miss J. Owen, Barton, Vi.

## SALE OR EXCHANGE

SELL and exchange Franklin Co. land, \$75 a. and up. - Lyman Dickey & Co., Ottawa, Kan.

TRADES—What have you? List free. Bersie Farm Agency, El Dorado, Kansas.

FARM BARGAINS, any size, in east Kansas, either for sale or exchange. Address Sewell Land Co., Garnett, Kansas.

640 ACRES, clear Wyoming land. \$9,600. Want Colorado land or income. F. R. Cline, 1757 Champa St., Denver, Colo.

## FOR RENT OR SALE

FOR RENT OR SALE—Small Imp. farm near Baker University. Box 472, Baldwin, Kan.

## LAND—VARIOUS STATES

WE CAN SUBDIVIDE your large farms and cash them quickly. Quick results. D. C. Lormer, 409 Republic Building, Kansas City, Missouri.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

PRODUCTIVE LANDS. Crop payment or easy terms, along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 61 Northern Pacific Ry., St. Paul, Minn.

## REAL ESTATE WANTED

FARM WANTED Send description and price. H. M. Montgomery, Atlanta, Ill.

WANTED: To hear from owner of farm for sale. Give price and description. H. E. Busby, Washington, Iowa

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Copper St., Chippewa Falls, Wis.

I WANT FARMS and lands for cash buyers. Will deal with the owners only. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

FARM WANTED—For general farming and stock raising, must be a bargain. Send description and price. John D. Baker, DeQueen, Arkansas.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Columbia, Missouri.

## LAND INFORMATION

## Low Round Trip Homeseekers' Tickets

The first and third Tuesday of each month to Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Write for free book describing opportunities offered homeseekers and investors. E. C. LEEDY, Dept. G, Great Northern Railway, St. Paul, Minn.

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**Farm & Ranch Loans**  
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40 Hereford Bulls  
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These bulls are yearlings, big rugged, big boned bulls of splendid blood lines. Write for prices and descriptions.

C. G. COCHRAN & SONS, HAYS, KAN.

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## Registered Guernseys

Best foundation stock obtainable in this section. Mature grandson 5606 of Antons May King and his three months old son; two young cows (73541 and 72833) sired by Follyland Shamrock and a six months heifer calf. C. A. GIDDINGS, ANDOVER, KAN.

**GUERNSEYS** Young registered Guernsey bull from A. R. dam, May Rose bred, 775. C. F. Holmes, Overland Guernsey Farm, Overland Park, Kan.

**FOR SALE** Yearling Guernsey bull, two heifer calves, two young cows, two bull calves, all reg. Write Dr. E. G. L. Harbour, Box 113, Lawrence, Kan.

## RANSOM FARM GUERNSEYS

Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams. Ransom Farm, Homewood, Kansas

## RED POLLED CATTLE

**Choice Red Polled Bulls and Females** All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

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

## FOSTER'S RED POLLED CATTLE

A few choice young bulls. C. E. Foster, Route 4, Eldorado, Kan.

**RED POLLS** Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

## AYRSHIRE CATTLE

## Ayrshire Cows, Heifers, Bulls

Young cows in calf or with calf at foot, yearling heifers, bulls of serviceable age, calves both sex. High producing families. Tuberculin tested. R. W. CUMMINS, PRESCOTT, KANSAS

## SHEEP AND GOATS

**High Grade TOGGENBURG MILK GOATS** For sale. Violet Hampton, R. 3, Lyons, Kan.

## REGISTERED SHROPSHIRE RAMS

For sale. Yearlings and two-year-olds. W. M. Coffey, Oakland, Illinois

## HOLSTEIN CATTLE

## Cows and Heifers

at private sale. 20 purebred Holstein cows and heifers representing the best blood lines in our herd. They include a yearling daughter of a 35 pound cow; a yearling daughter of a 33 pound four-year-old and a yearling daughter of a junior two-year-old with 847 pounds of butter in a year. Many of these heifers are bred to Marathon Bess Burke 3rd, a 1239 pound son of Marathon Bess Burke. Will be glad to send you private sale catalog, pictures of animals offered, a folder just out. A federal accredited herd. Address, Collins Farm Company, Sabetha, Kansas

## BONACCORD HOLSTEINS

Are you busy harvesting? Bonaccord Holsteins are always giving off a harvest. Federal accredited herd. Write your wants in GOOD HOLSTEINS to LOUIS KOENIG, SOLOMON, KANSAS

**Reg. Holstein Bull and Cow** Very cheap. Ray Warnock, LaCrosse, Kan.

When writing advertisers mention this paper

## Holstein-Friesian Ass'n of Kansas

Has a membership of 500 breeders who own over 7,000 purebred Holsteins. Walter Smith, Pres., Topeka. W. H. Mott, Sec'y-Treas., Herington, Kan. This section is reserved for members of this association. For rates and other information address, Copper Farm Press, Topeka, Kansas.

**WAKARUSA FARM HOLSTEINS** Nicely marked registered Holstein bull calves, some from A. R. O. dams. Price \$35 to \$50. Also three bulls ready for service. Write for description and photo. Reynolds & Sons, Box 52, Lawrence, Kan.

**Corydale Farm Herd Holsteins** Bulls old enough for service, from A. R. O. dams at hard time prices. Write for information. L. F. CORY & SON, BELLEVILLE, KAN

**BULLS Sired** by Sir Ledy Glista, his dam 3 times 32 lb. dam and from good dams. J. P. MAST, SCRANTON, KANSAS

**FOR SALE VERY REASONABLE** 12 cows, 5 two yr. old heifers, 4 yearling heifers, 4 heifer calves 1 to 6 months old. Herd bull, nearest to dam milk 23,000 lbs. Butter 1040 lbs. Other bulls ready for service. R. E. STUEWE, Alma, Kan.

**BRAEBURN HOLSTEINS** Service bulls are "out." If you want to save money, buy a calf that won't cost much to move, and raise him yourself. From six months down. H. B. COWLES, 608 Kansas Ave., TOPEKA, KAN.

**BULL WANTED** 6 to 18 months old, 1/2 or more white. Two nearest dams records 30 to 35 lbs. 7 days. Give breeding and price. V. E. CARLSON, FORMOSO, KANSAS.

## What's New in Livestock

BY OUR FIELDMEN AND REPORTERS

**THE** Sherman County Farm Bureau is boosting tubercular eradication work. Arvid Nelson, county agent, says George Cramer of Stateline township, has an accredited herd and is a strong booster for tuberculin testing. Mr. Cramer thinks that every producer of milk should have an accredited herd, since tuberculosis may be transmitted to human beings thru milk from diseased cows.

## Stock Trains for Northeast Kansas

An indication of how the good diversified farming sections of the country are gradually stocking up to conform with the best interests of diversified farming is found in the action of the Chicago and Rock Island Railway recently in putting on a special stock train to serve branch line points in Northeastern Kansas and possibly Southern Nebraska. The special train runs once a week, putting its shipments on the Kansas City markets Wednesday mornings.

## Improved Jack Stock

The Standard Jack and Jennet Registry, which always has required an affidavit as to the size of animals before recording them as foundation stock, announces an increase in this standard of requirements, effective August 1. After that, mature animals will not be accepted for registry as foundation stock unless the jack measures 14 1/2 hands, standard, in height; 65 inches in heart girth and 8 inches around the bone of the fore leg at the smallest place between the knee and the pastern. The measurements

## LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

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**BOYD NEWCOM, Auctioneer** 217 Beacon Bldg., Wichita, Kan.

**Jas. T. McCulloch, Clay Center, Kan.** My reputation is built upon the service you receive. Write, phone or wire.

**Vernon Noble, Auctioneer** Manhattan, Kan. Livestock and Real Estate.

**DAN O. CAIN, Beattie, Kan.** Livestock Auctioneer Write for open dates. Address as above.

**HOMER BOLES, RANDOLPH, KANSAS** Purebred stock sales, land sales and big farm sales. Write or phone as above.

## HORSES AND JACK STOCK

**Team Shetland Pony Mares** buggy and harness for sale. Ponies black and white; 6 and 7 years; 45 inches high; gentle for driving or riding. Address C. V. SCOTT, RT. 2, CENTERVILLE, KAN.

**6 Percheron, Ton Breeding Stallions** 7 reg. Jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors. GEO. SCHWAB, CLAY CENTER, NEB.

**GREAT SHOW AND BREEDING JACKS** Priced right. Hineman's Jack Farm, Dighton, Kan.

required for mature jennets are 14 1/2 hands in height; 63 inches in heart girth and 7 1/2 inches, bone measurement. Additional particulars as to the registration of jack stock can be had by addressing William E. Morton, Scarritt Building, Kansas City, Mo.

## The Indians Ahead

According to an apparently authentic news item more than 101,000 head of livestock owned by Navajo Indians in New Mexico henceforth will be bred only to purebred sires. The female stock includes 3,000 cattle, 8,000 horses, 150,000 sheep and 30,000 goats, besides smaller numbers of swine and poultry.

## A Five-show Spring Circuit

At a meeting held recently in Wichita, plans were discussed for arranging a revised show circuit for the later winter and early spring to include the livestock shows at Denver, Oklahoma City, Wichita, Fort Worth and Kansas City. For several years such shows have been held regularly at the cities named, except Kansas City, and now that the completion of the American Royal Livestock Show buildings for Kansas City is in sight, there is a chance to make a stronger and better arranged show circuit than ever before.

## Sow and Litter Clubs

Washington county folks believe the time to do a thing is now. John E. Schafer of Mahaska is enrolling members for a sow and litter club for 1923. Mr. Schafer says that the boys can now get a purebred spring gilt at a comparatively low cost. All of the gilts in the club can be bred so that they will farrow at about the same time next spring and this will give every member an equal chance with his pigs. John V. Hepler, county agent, agrees with Mr. Schafer that now is the right time to start and is pushing the pig club work in other communities as a regular project.

## Calf Clubs Make Good Records

Ruby Howell of Marietta, one of the two girl calf club members in Marshall county, is enthusiastic over her club work. Ruby has two purebred Hereford calves. One of these has made an average gain of 70 pounds a month since January. If he keeps on doing this well Ruby is going to take him to Topeka along with four other steers, owned by club boys.

## Big Gain for Spotted Polands

Fred L. Obenchain, secretary of the Spotted Poland China Record Association, writes: "Ours was the only Record in the United States that showed a gain in business in 1921 over the same time in 1920. From January 1 to July 1, we show a gain of approximately 44 per cent. The breeders are in the best of spirits, have come thru the depression as a rule in good order and we never saw business as good in our lives. Of course we believe this is due to the merits of the hogs in the hands of the average farmer."

## Washington Boys Interested in Pigs

Members of the Washington Pig Club recently made a tour of inspection to see the litters of pigs raised by Paul Craig, Ernest Wilkinson and Kermit Huyck, according to John V. Hepler, county agent. The boys also visited the farm of Robert Fraser, Morrowville, one of the most practical and successful hog feeders in the state, who has raised and fed hogs for more than 30 years. He gave the boys some valuable information concerning the management and feeding of hogs for market. James Donahue, local leader, and Mr. Hepler accompanied the boys.

## Stock Shows More Safe

Fair associations of the United States have in a great many cases taken action to protect livestock exhibits from tubercular infection while at a fair.

Regulations in this regard have to conform, of course, with federal laws

and are varied to some extent in the observance of state laws. The following section from rules for exhibits put out by a Wisconsin fair gives an idea of the extent to which fair managers may go in the matter of keeping out animals which possibly may be carrying the germ of tuberculosis:

Section 2. Tuberculosis—No entries of cattle to Janesville's Big Fair and Livestock Exhibition more than 6 months old will be accepted by the secretary unless from an accredited herd, or those herds which have passed an entire herd test within one year and which have not been with cattle not known to be free from tuberculosis. Cattle from herds having reactors in the first test, but where whole herd has passed a subsequent test within six months of the removal of the reactors may be shown.

Owners of cattle whose herds have not been tested in their entirety may furnish tuberculin test charts of each animal. The date of the test not to exceed 90 days, and such cattle must not have been with untested cattle following the testing date. All charts submitted must be approved by state or federal officials.

We trust that all exhibitors of cattle will appreciate the wisdom of these rules and will co-operate with the managers of the fair in carrying them into effect. Tuberculosis is so infectious and insidious that exhibitors cannot be too careful about exposing their herds to the disease.

T. W. Morse.

## Hens Earn as Much as a Farm

(Continued from Page 3)

was \$1,253.10. In the remaining 200 days, which includes the period of the year when eggs bring the highest price, Koch undoubtedly will make as much as he did last spring, so it seems evident that his flock will pass the \$2,500 mark set in 1921.

The Koch dwelling is a monument to the system of farming he has so consistently followed. It is an ideal farm home, convenient, cozy, well finished and it stands in a beautiful setting.

On the west side of the house is a large concrete porch, an ideal place to spend summer evenings. Opening from it is the large living room. Beneath the house is a full-size cemented basement, equipped with running water, a furnace and other conveniences. In the dining room is a built-in buffet and the kitchen has large built-in cupboards, a sink and drain boards. A wash room is located on the back porch.

The sewage is carried into a cess pool which Koch made two years ago. The electric plant, located in the basement, supplies current to operate 29 bulbs in the house, barn and outbuildings. Mr. Koch has a three way switch so he can light his yard lamp by twisting a button near his bed. He can shut the current off at the door and turn it on at the barn. This fall Koch plans to put electric lights in his poultry house for convenience in feeding during the winter when the days are so short.

"I'm a poultry fan," said Mr. Koch. "I have made as much money out of my chickens in the last four years as I have out of my crops altho I have raised good wheat crops several seasons. Chickens are the most profitable livestock any farmer can own."

## Coming Farm Events

September 11-16—Kansas Free Fair, Topeka, Kan.

September 16-22—Kansas State Fair, Hutchinson, Kan.

September 25-29—National Drainage Congress, Kansas City, Mo.

September 25-30—Colorado State Fair, Pueblo, Colo.

September 25-October 1—National Dairy Cattle Congress, Waterloo, Ia.

September 25-October 1—International Belgian Horse Show, Waterloo, Ia.

September 25-October 7—International Wheat Show and Farm Products Exposition, Horace S. Ensign, Manager, Wichita, Kan.

October 2-7—National Swine Show, Peoria, Ill.

November 8-10—Kaw Valley Potato Show, Topeka, Kan.

November 15-24—Annual Meeting of the National Grange, Wichita, Kan.

November 18-25—American Royal Livestock Show, New Exposition Building, Kansas City, Mo.

December 2-9—International Live stock Exposition, Chicago, Ill.

December 2-9—International Grain and Hay Show, Chicago, Ill.

December 11-14—Annual Meeting of American Farm Bureau Federation, Chicago, Ill.



## Sale Reports and Other News

Earl Stout, Studley, Kan., secretary of the Shorthorn Breeders' Association, writes me that the association is very much pleased with the Shorthorn page in the Mail and Breeze. He has asked me to help locate 20 last January and February heifer calves for the calf club which they have just organized. He says they are anxious to locate them at once so the committee can go and see them. If you have them or if you think you can find them for the committee in your neighborhood you should write to Secretary Stout at once. Address, Earl Stout, Studley, Kan. They are also organizing a Duroc Jersey pig club there. —Advertisement.

## Field Notes

BY J. W. JOHNSON

W. Shineman, Frankfort, Kan., will sell 50 purebred Hampshire bred sows and gilts on a big public sale at Summit Home farm, four miles west of Frankfort, on the White-way, Tuesday, August 22. The sale will be advertised in the Mail and Breeze next week. He is also selling some choice spring boars and a yearling boar. You can write to him immediately for the catalog if you are interested. All are immunized. —Advertisement.

## Call for Shetland Ponies

There never have been enough Shetland ponies advertised in the Kansas Farmer and Mail and Breeze to satisfy the demand from the readers of this paper. Everyone who advertises Shetlands seems to sell out within a few weeks from the time his advertisement starts and half the time we are getting inquiries from parties who cannot find any Shetland ponies advertised. Anyone who is located to raise and sell Shetlands has a chance to develop a good business thru the Kansas Farmer and Mail and Breeze. —Advertisement.

## F. B. Wempe's Hampshires

F. B. Wempe, Frankfort, Kan., is starting his advertisement again in this issue of the Mail and Breeze and offers Whiteway Hampshires on approval. He has been doing this for several years and says it is the most satisfactory way to sell. He offers bred gilts, spring boars and pairs and trios not related. Mr. Wempe has been before the public for a good many years as a breeder of Hampshires and sells at private sale shipping all over the country. He is glad to note the general interest all over the corn belt in Hampshires. He has in the business before they were so well known when they were not as popular among farmers. —Advertisement.

## L. M. Walters' Durocs

L. M. Walters, Lawrence, Kan., breeds Duroc Jerseys and has a splendid crop of spring pigs that are doing fine. I saw them last week and they are certainly good. Most of them are by Pal's Orion King 1st, son of Pal's Orion King. Others are by King's Sensation by Shepard's Orion Sensation. Mr. Walters has about 83 of these pigs and has some real herd boar material in the boars which he is offering at private sale. He is thinking of making a bred sow sale and if he does it will be advertised in the Mail and Breeze in good time. He will show at the Douglass county fair and you will have a chance to see the kind he is raising there. —Advertisement.

## Dan O. Cain's Poland China Sale

Dan O. Cain, Beattie, Kan., Marshall county, will sell 30 Poland China bred sows at auction in Beattie, Thursday, August 17. The sale will be advertised in the next issue of the Mail and Breeze. It is being advertised as a King Solomon production sale. King Solomon is the big Cain boar that was born at Hutchinson last fall at the State fair and later protested because of technicality. He was made champion at that important show, but later it was decided not to make an award for aged boar because of this protest. Many of the sows in this sale are by this great show and breeding boar. Many of the sows will have litters at side and others will farrow the last of August. —Advertisement.

## J. C. Ford to Sell Holsteins

J. C. Ford, Leonardville, Kan., who conducts a dairy farm joining Leonardville, a splendid little town about half way between Manhattan and Clay Center has decided from October 28 for a reduction sale in which he will sell 35 high grade Holsteins. The facts are many of them are purebred but the papers have not been kept up on them. But he has conducted this dairy until he has perfected his herd of dairy cattle to a very high grade and he is making the reduction because he can't take care of so many in the future. The sale will be advertised in the Mail and Breeze later. He will sell a real herd bull, one of great merit and of splendid breeding. He is recorded. Everything will be sold subject to usual tuberculin tests. —Advertisement.

## J. L. Griffiths' Durocs

J. L. Griffiths, Riley, Kan., known all over the state as a breeder of Poland Chinas, has taken up the breeding of Duroc Jerseys as well. He has about 80 last spring pigs, about half of each and they are good. It is hard to tell which are the best in this herd and it is harder to tell which John Griffiths is the proudest. Last winter he bought a bred sow, Duroc, from a prominent Indiana breeder that was bred to Walt's Orion 18th. The sow, a daughter of the great Scissors and a line bred Orion Cherry King sow, raised him a wonderful litter. There were 10 in the litter and he raised six. They will be in his pen and gilt sale October 12 at the farm of J. L. Griffiths. The sale will be advertised in the Mail and Breeze later. —Advertisement.

## Collins Farm Holsteins

The Collins Farm Company, Sabetha, Kan., Nemaha county, are starting their advertisement in this issue. It is necessary for them to reduce their herd and about 20 females is all they care to sell. The Collins herd numbers nearly 150 head. There are 10 A. R. Q. cows in the herd, in fact, though. It is a federal accredited herd. Now they do not care to go to the expense of a public sale and have decided to sell the cows and heifers at private treaty. They have just issued a nice folder, descriptive of the cows and heifers they offer and will be glad to mail one to you at once. They also make pictures of the animals they are offering for anyone who is interested. The private sale catalog will be sent immediately to anyone who is interested in the Holsteins. Three great sires are in the herd. You can ship over the

Grand Island or the Rock Island. Sabetha is about 10 miles south of the Nebraska-Kansas line. Write today for descriptive matter. —Advertisement.

BY J. T. HUNTER

One of eastern Kansas' good Duroc herds is that of M. A. Martin, Paola, Kan. He offers spring pigs, both sex, by Jack's Col. Giant by Jack's Col., Great Orion's Fashion-piece by Great Orion, 1918 world's grand champion, and The Major, a full brother to Rainbow Sensation. Dams include daughters of Joe's Nellie 2nd, a full sister to My Lady Friend, 1920-21 world's grand champion. Write Mr. Martin, mentioning Kansas Farmer and Mail and Breeze. —Advertisement.

## Steele's Durocs are Differently Bred

A. W. Steele, Route 9, Wichita, Kan., has one of the few sires in Kansas by Uneda Orion Sensation, grand champion of Kansas and Nebraska and second in class at the National. This boar, Uneda Pathmaster, aided by Big Sensation by a son of Great Sensation have been producing some good pigs for Mr. Steele. He starts a card in this issue offering spring pigs, both sex for sale. Write him. Please mention Kansas Farmer and Mail and Breeze. —Advertisement.

## Fulks Cancels His August Duroc Sale

W. H. Fulks, Langdon, Kan., was scheduled to hold a Duroc sale August 23 but owing to scarcity of hogs for his sale will sell the surplus at private treaty. He starts his advertisement in this issue of the Kansas Farmer and Mail and Breeze offering 20 bred sows to farrow in September to service of Pathfinder Jr. and Great I Am. boars sired by two of the greatest boars of the breed. Spring gilts and boars are also for sale. The dam side of the offering is made up of Sensation, Pathfinder, Orion and Great Wonder I Am breeding. Fulks raises some mighty good Durocs. Write him today, mentioning Kansas Farmer and Mail and Breeze. —Advertisement.

## B. R. Anderson Disperses Duroc Herd

Bert Anderson, McPherson, Kan., disperses his Duroc herd at auction Thursday, August 14, at his farm 7 miles southeast of McPherson. He is moving to the Texas Panhandle and must close out this herd. He has been over 20 years in building. The sale includes the great sire, Victory Sensation 3rd by Great Orion Sensation. This boar was aged champion at the 1922 Kansas National and his get have proven that he is one of the best breeding sons of his far famed sire. See the advertisement in this and succeeding issues of the Kansas Farmer and Mail and Breeze for description of the offering. Everything is registered, immunized and guaranteed. Scidom does an opportunity like this present itself where one is privileged to get foundation material such as will be presented in this sale. Write Mr. Anderson today for a catalog. Please mention Kansas Farmer and Mail and Breeze. —Advertisement.

## E. G. Hoover Has Good Herd Durocs

Up to a year ago E. G. Hoover, Wichita, Kan., never owned a purebred Duroc. Today he has a herd of over three hundred good ones. His start in the purebred business was made by going to sales and picking the best bred sows and gilts, many times topping the sales. He now offers spring pigs for sale out of these sows and gilts. The sires of the pigs are some of the best boars of Kansas and Nebraska. The present herd headers at the Hoover farm are Great Pathrion, 1920 Kansas grand champion, and Orchard Scissors by Scissors. These sires were put at the head of the herd too late for Mr. Hoover to have many of their get for sale at this time. In his bred sow and gilt sale, August 30, there will be many good ones bred to these sires. Meanwhile if you want some good spring pigs get in communication with Mr. Hoover. He starts his advertisement in this issue. Mention Kansas Farmer and Mail and Breeze. —Advertisement.

## Bert Conyers Sells Durocs August 18

B. W. (Bert) Conyers lives near Piedmont, Kan., but gets his mail on a rural route out of Severy, Kan. He will hold a Duroc sale at Piedmont Friday, August 18, at which time he will sell three sows, 27 gilts and 10 boars. This will be one of the summer sales in which will be found some good foundation material for those who wish to build up good herds. The display advertisement in this issue of the Kansas Farmer and Mail and Breeze gives detailed description of the offering. Read it carefully and see that it will be a good offering. Mr. Conyers has a battery of sires at the head of his herd that produce good Durocs for him and he is at this sale offering others a good opportunity to get some of the seed stock that has been doing well for him. Remember that the sale is at Piedmont and address him for a catalog at Severy, Kan. When writing please mention Kansas Farmer and Mail and Breeze. —Advertisement.

## The Livestock Service of the Capper Farm Press

Is founded on the Kansas Farmer and Mail and Breeze, the Nebraska Farm Journal, the Missouri Ruralist and the Oklahoma Farmer, each of which leads in prestige and circulation among the farmers, breeders and ranchmen of its particular territory, and is the most effective and economical medium for advertising in the region it covers. Orders for starting or stopping advertisements with any certain issue of this paper should reach this office eight days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding animals, can obtain any required information about such livestock or about advertising, or get in touch with the manager of any desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:  
W. J. Cody, Topeka, Kansas, Office.  
John W. Johnson, Northern Kansas.  
J. T. Hunter, Southern Kansas.  
Stuart T. Morse, Oklahoma.  
Jesse R. Johnson, Southern Nebraska.  
R. A. McCartney, Northern Nebraska.  
O. Wayne Devine and Chas. L. Carter, Missouri.  
T. W. Morse, Director of Livestock Service  
Kansas Farmer and Mail and Breeze  
Topeka, Kansas

Bert Conyers' Duroc Sale  
Piedmont, Kan., Friday, August 18

3 Sows, 27 Gilts, 10 Boars

Tried sows include a half sister to Pathrion, 1920, Topeka grand champion. Bred to Valley Pathfinder; 2 Sensations bred to Kansas Pathmaster. Gilts sired by Valley Pathfinder and a grandson of Great Orion Sensation, twice national grand champion. Most of them bred for September farrow to Kansas Pathmaster.

Boars include one out of Valley Lady Sensation, 1922 Kansas National grand champion; two by Major Sensation's Col. by Major Sensation. Most of the boars are by Valley Pathfinder.

## HERD SIRES

Valley Pathfinder is not only by Old Pathfinder but a littermate to the highest priced boar ever sold out of Kansas. He is a proven breeder of good Durocs. Kansas Pathmaster is one of the good sons of that deservedly popular sire, Pathmaster and his spring pigs prove his worth as an exceptionally good sire.

Write for catalog mentioning Kansas Farmer-Mail & Breeze. Address

## B. W. Conyers, Severy, Kansas

Boyd Newcom, Auct. Send mail bids to J. T. Hunter representing Kansas Farmer and Mail & Breeze.

## DUROC JERSEY HOGS

## Durocs \$20 to \$30

Boars ready for service. Fall pigs, either sex, not related, by Hurdler Pathfinder and Valley Wonder Sensation. E. C. MUNSSELL, RUSSELL, KANSAS.

SENSATIONS AND PATHFINDERS, Pigs all ages, both sexes. Also two sows bred for August farrow. Robt. Dowlin, Barnard, Kan.

## POLAND CHINA HOGS

## DEMING RANCH BRED FEMALES

Young sows and gilts to farrow August and September. Bred to The Latchette and Ranch Yankee. A fine lot of spring pigs, both sex. We'll take care of all your needs for Poland. H. O. Sheldon, Supt. Hog Department, Oswego, Kan.

## Carload Poland China Hogs

Tried sows bred and gilts for fall breeding. Will sell in load lot to save sale expense to buyer. Choice lot, excellently bred. Write D. E. Reber, Morrill, Kansas.

## SPOTTED POLAND CHINA HOGS

## Spotted Poland Boars

Guaranteed for service. National papers. F. F. COOPER, CORBIN, KANSAS

## Bred Sows and Spring Boars

Outstanding boar pigs. Sows bred to a son of Arch Back King to farrow in September. Write your wants. TAGGART BROS., OLPE, KANSAS

## Gilts Bred to Son of Grand Champion

Leopard King. A few tried sows and spring pigs, grand sire Arch Back King. Also good herd boar. Everything immune. T. L. Curtis, Dunlap, Kansas.

## BRED SOWS AND GILTS

To farrow in Sept. Spring pigs both sex. Well bred and priced right. JOHN DEITRICH, PLYMOUTH, KAN.

## Spotted Polands, Both Sexes

Big type and English. C. W. Welsenbaum, Altamont, Kan.

## HAMPSHIRE HOGS

## Silver's Hampshires

Nationally known as producers of Grand Champions. Also winners Packers' Special in carload lots, Chicago International. I specialize in Mail-Order trade. FOR SALE—350 bred sows and gilts, 140 boars. Pigs all ages, 1,000 to select from. Sell one or carload. Cholera immune. Guaranteed as represented. A postcard will bring free price lists, also catalogs of Aug. 10 bred sow sale at Cantrill, Ia., and Aug. 18 bred sow sale at Kansas City, Mo. Write now. F. F. Silver, Wickfield Farms, Box 8, Cantrill, Iowa

Walter Shaw's Hampshires  
200 HEAD: REGISTERED. Immured, tried bred sows and gilts, serviceable boars.  
WICHITA, KANSAS, RT. 6.  
Telephone 3918, Dorby, Kan.

Whiteway Hampshires Shipped on Approval  
Bred gilts, choice spring boars and gilts. Champion bred pairs and trios not related. Immunized.  
F. B. Wempe, Frankfort, Kansas

100 SPRING GILTS AND BOARS  
Well bred. Priced to sell.  
W. F. Drensher, Route 3, Emporia, Kansas

## CHESTER WHITE HOGS

## MAY FARROW CHESTER WHITE PIGS

VERG CURTIS, LARNED, KANSAS.  
REGISTERED CHESTER WHITE BOAR for sale. Young, weighs over three hundred. I ask \$45. Merle B. Peebler, Latham, Kan.

## JERSEY CATTLE

## HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs.  
M. L. GOLLADAY, PROP., HOLY

## High Class Registered Jersey

Exceptional values. Young cows 2 to 8 yr. have large register of merit records. Others now. Many state Fair winners. Also sows young bulls 3 to 18 mos. old. Inspection.  
R. A. GILLILAND, DENISON, KA

BULLS OUT OF REGISTER OF MERIT dams, for sale. Herd Federal accredited.  
Sylvia Jersey Ranch, Sylvia, Kansas

REGISTERED JERSEY BULLS FOR "Financial" breeding. Price \$35  
Chas. Long, Route 2, Stockton.

## DUROC JERSEY HOGS

B. R. Anderson's  
Duroc Dispersal

McPherson, Kansas

Thursday, August 17

Dispersion of foundation material including Victory Sensation 3rd, a champion boar and sire of some of the best Durocs of the state.

19 bred sows including one by Pathfinder, several by Royal Grand Wonder, Pathfinder Chief 2nd, Pathfinder Jr. 25 gilts bred to Sensation Boy 2nd, second prize futurity 1921 Kansas Fair. 10 open gilts, 1 cracking September boar, 5 good spring boars. (Gilts and boars by Victory Sensation 3rd.) Moving to Texas Panhandle and must disperse herd over 20 years in building.  
Write for catalog. Mention Kansas Farmer and Mail and Breeze.

Boyd Newcom, Auctioneer.  
J. T. Hunter, Fieldman for Kansas Farmer and Mail and Breeze.

## Giant Sensation

Bred Sow and Boar Sale

Norfolk, Neb., Aug. 3

Write for catalog. Send buying orders to R. A. McCartney in my care.  
W. H. RASMUSSEN, Bx K, Norfolk, Neb.

## Fulks Holds No Summer Auction

Offering at private treaty 20 sows bred for September farrow to Pathfinder Jr. and Giant I Am. Also spring gilts and boars. Sows and pigs are Sensation, Pathfinder, Orion and Great Wonder I Am breeding. A good offering priced right.  
W. H. FULKS, LANGDON, KANSAS

## E. G. Hoover's Spring Pigs

Spring pigs by good sires and out of top dams by good Kansas and Nebraska boars. You will like these pigs. Write us.  
E. G. HOOVER, WICHITA, KANSAS

## Bred Gilts—Big Type

Big, stretchy gilts, bred for September farrow. Best blood lines of Sensation, Pathfinder and Orion breeding. Fine individuals, immunized and priced to sell quickly.  
J. A. REED & SONS, LYONS, KANSAS

## Shepherd's Sensations

Big spring yearlings and tried sows bred to the grand champion, Sensational Pilot, and Sensational Giant. Only a few of these left. They are real sows. Spring boars, herd prospects. Immunized. G. M. Shepherd, Lyons, Kan.

## Pathrion &amp; Giant Orion Sensation 4th

We are offering some choice spring boars sired by these two great boars at the head of our herd. Write us at once.  
W. D. McComas, Box 455, Wichita, Kansas

## Bred Sows From Larimores

By Valley Sensation by Great Sensation, bred to Major Sensation Col. by Major Sensation. A few fall boars.  
J. F. Larimore & So

## "Legal Ter"

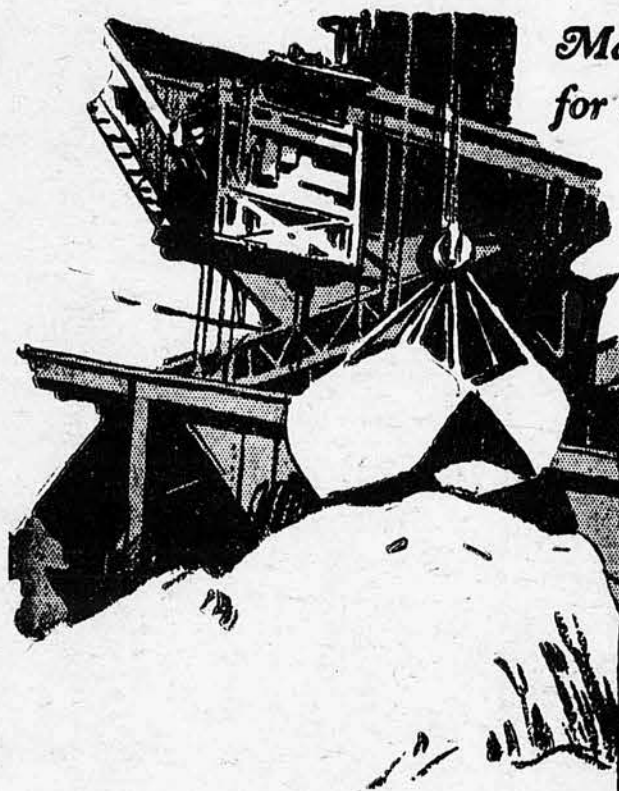
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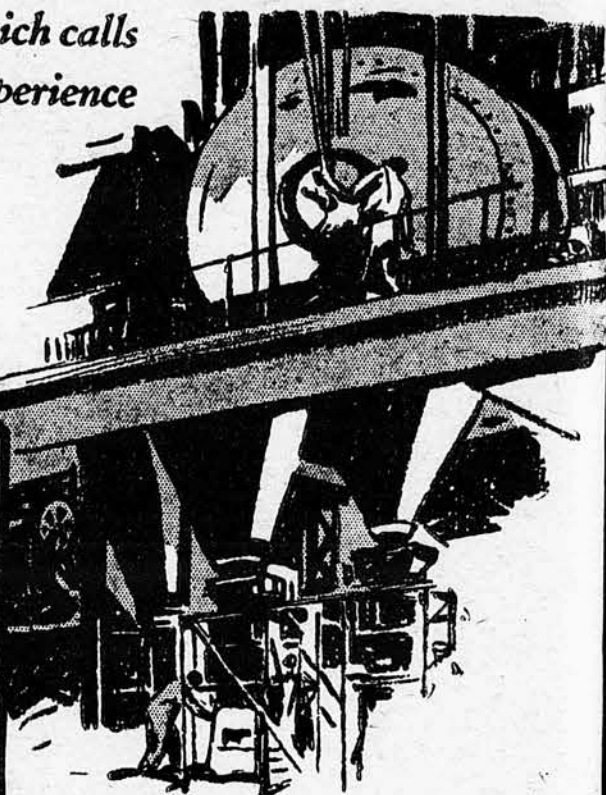
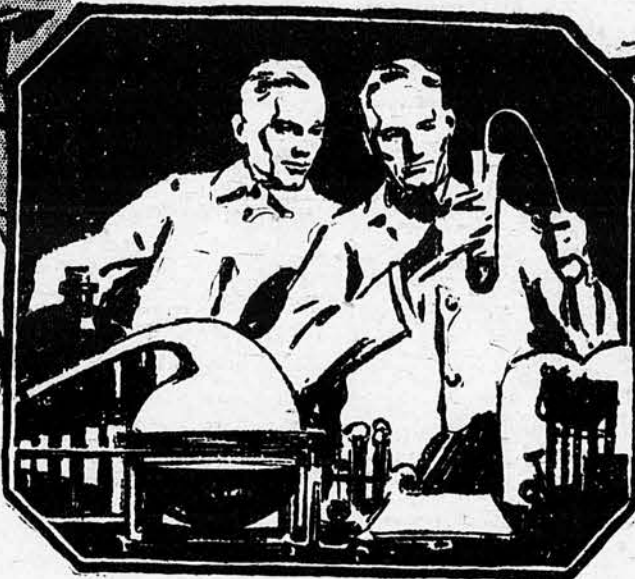
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*Making fertilizers right is a big job which calls for expert knowledge and practical experience*



*Demand requires that a season's fertilizer shipments be made in a few weeks' time. With modern machinery like the above Swift & Company can handle a large volume and make prompt shipments*

*Skilled chemists and experts in plant and soil research maintain constant laboratory supervision of Swift's Red Steer Fertilizers, thereby assuring the right fertilizer for each crop and soil*



*Huge mixing mills like the above assure Swift's Red Steer Fertilizers being uniformly and thoroughly mixed. They distribute evenly, thus giving each plant its proper proportion of plant food*

**T**HE farmer who uses 200 pounds of fertilizer to the acre actually applies less than one ounce—no more than he can hold in his closed fist—to each square yard of soil.

And yet this small amount of fertilizer must supply the essential elements of plant food to nourish not one but a number of growing plants.

Fertilizers must be evenly and accurately mixed to supply each plant with just the right amount of plant food. This requires modern mixing and grinding machinery such as is used by Swift & Company in the thorough mixing of Swift's Red Steer Fertilizers, and huge storage facilities which permit of curing and shipping fertilizer in perfect mechanical condition.

## *The Swift reputation*

For over fifty years Swift & Company has steadily maintained the reputation of making each Swift product the best of its kind. This reputation stands back of every bag of Swift's Red Steer Fertilizers.

When you buy Swift's Red Steer Fertilizers, you are getting the most for your money because only the highest grade and most productive sources of material are used. The kind and amount of each fertilizer ingredient is determined by practical field results and soil analysis, insuring a fertilizer that is just what your soil needs.

It pays to use them because they are backed by all the resources and the reputation of a great manufacturing institution.

It pays to use them because experiment stations of the leading winter wheat states have conclusively shown an average increase in yield of 80 bushels of better quality wheat for each ton of fertilizer used.

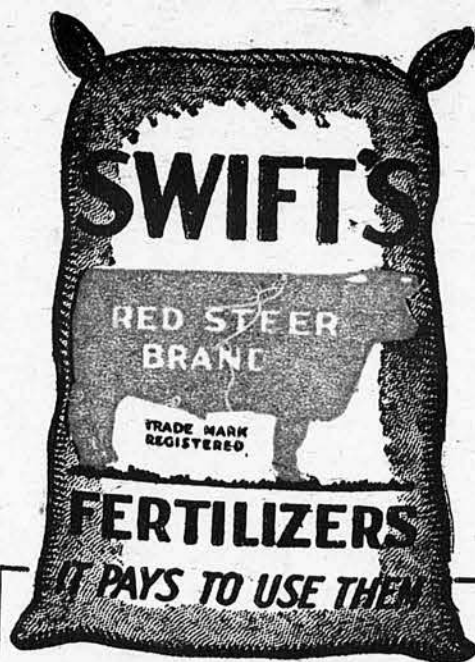
## *Order Swift's Red Steer Fertilizers now*

To grow more and better wheat, to help get a good clover catch, to make the most profit per acre and per man—use Swift's Red Steer Fertilizers.

On most soils use Swift's Champion Wheat and Corn Grower, 2-12-2, applying from 200 to 400 pounds per acre (in dry sections apply 100 to 125 pounds per acre).

On soils rich in available nitrogen and potash, see the local Swift dealer regarding the best brand to use.

Buy brands containing 14% or more plant food. The cost of freight, labor, bags, etc. is the same per ton regardless of the plant food content, just as your labor, interest on investment, taxes, etc. is the same whether you grow 15 bushels or 30 bushels of wheat per acre. Buy from our local dealer or write us.



*Dealers: Above is reproduced the well-known Swift Red Steer Fertilizer bag. It is a mark of dependable fertilizers. We have a worth-while agency proposition to offer in territories where we are not represented. Write for details*

**Swift & Company**  
FERTILIZER DEPT. 96  
National Stock Yards, Ill.

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