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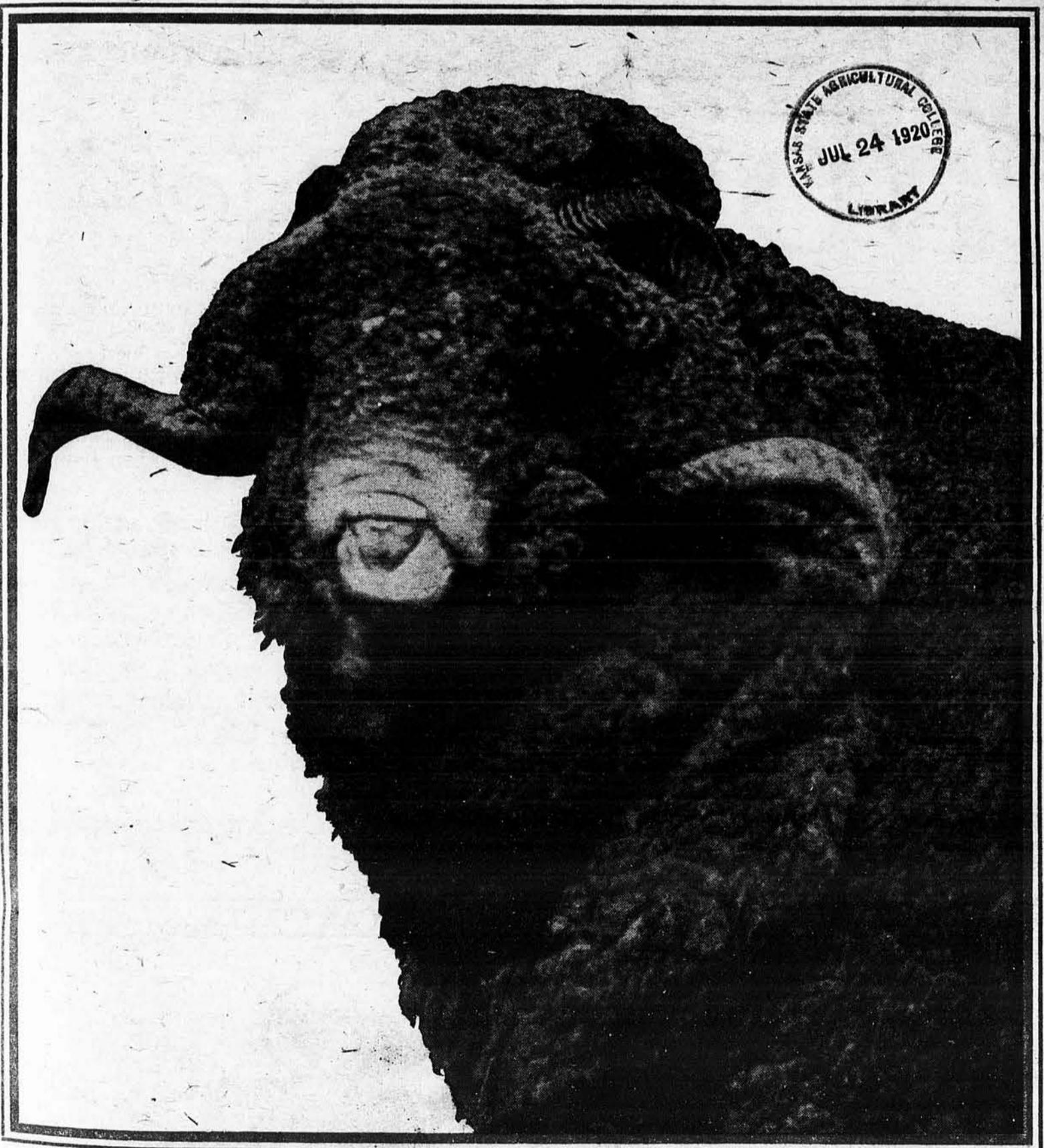
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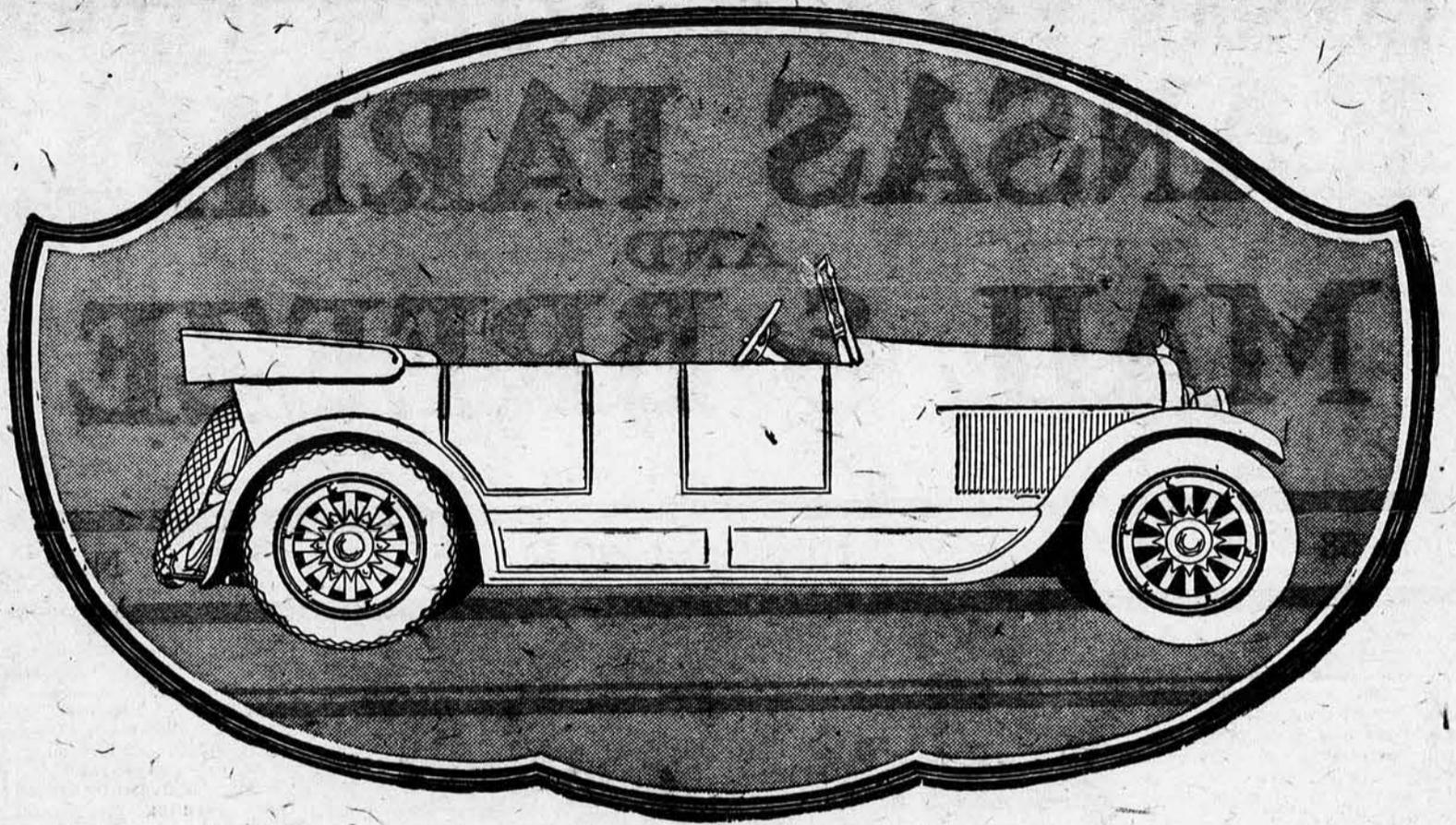
KANSAS FARMER AND MAIL & BREEZE

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Success With Purebred Cattle

Beginning With Nothing, John Phillip in 13 Years Has Acquired a 2,000-Acre Ranch and 300 Herefords

By G. C. Wheeler

PUREBRED CATTLE, alfalfa hay and hard work is a combination which has brought success to John J. Phillip of Sherman county, Kansas. Thirteen years ago Mr. Phillip with his wife and five children drove into Goodland from Red Cloud, Neb., "dead broke." In fact, he was worse than "broke," for he had a \$1,500 debt hanging over him, a debt which he had the satisfaction of paying in full a few years later. He now owns a well equipped ranch of 14 quarters northeast of Goodland, about 600 acres of it in the Beaver creek bottom. Some of this land cost him \$100 an acre.

Teaming around town provided a temporary livelihood for the Phillip family when they first arrived in Goodland. Those who remember his outfit say that his two horses had but one good eye between them. He soon traded for a better team, giving his note for the difference. To reduce living expenses they moved out and occupied a deserted sod house near town. The next move was to buy a piece of land on which he paid only \$50 down. By the second year Mr. Phillip had purchased a few registered Hereford cows on time. From these small beginnings he now has about 300 registered cattle, one of the best herds in that part of the state. His ranch is well equipped for handling livestock. At the time of my visit the latter part of June the Beaver Creek Valley land was a waving mass of luxuriant alfalfa. The bottom lands of these Northwest Kansas creeks are sub-irrigated and grow big crops of alfalfa. Mr. Phillip has 225 acres of alfalfa on his ranch and last year put up about 700 tons of hay. He sold some but fed most of it to his cattle during the winter season.

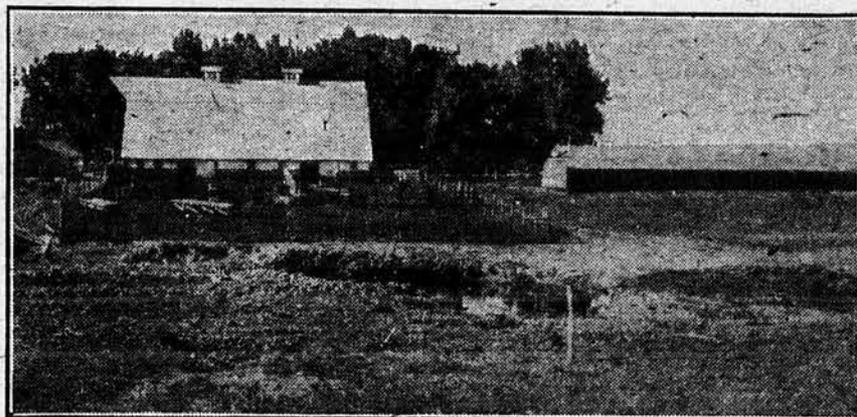
Putting up the first cutting of alfalfa was in full swing on the Phillip ranch at the time of my visit and only by waiting until Mr. Phillip had finished a stack that he was working upon was I able to talk with him at all. Shortage of labor is a great handicap where there is so much work to go. The whole family work on this ranch and by using machinery extensively manage to put up the hay in good condition. Five teams of Percheron mares were leaving the barn as I drove up. They were just starting on the afternoon shift. Alec, a 19-year-old boy, hitched his team to the stacker. His sister operated a buck rake, a 12-year-old boy another and the one hired man of the crew a third. A still younger boy was "sledding" fertilizer in a nearby field. Mr. Phillip mounted the stack, saying he could not stop the gang but would be able to talk a few minutes as soon as the hay then on the ground was cleaned up, a matter of a couple of hours.

Between loads I learned from Alec that he is owner of three of the purebred mares and two Hereford show heifers, for which he had recently refused \$2,000. He also has an interest in several other cattle. After Mr. Phillip came down from the stack and had directed the teams to start mowing in another field he took a short breathing spell and answered some of my questions. He was greatly pleased with the result of his first public sale of reg-



Purebred Hereford Cattle and Hard Work Have Brought Success to John J. Phillip of Sherman County. It Proved a Winning Combination.

istered cattle held last fall, the average price for the 65 head sold being \$411. All but five or six of the cattle remained in the county, showing the interest being taken in purebred cattle in that section. There are about 300 cattle in the present breeding herd. Twenty heifers of choice breeding recently have been added. A son of Beau Mischief, a son of Domino and a son of Choice Stanway from a Beau Mischief dam are now the herd sires.



A Long Shed and a Big Comfortable Barn Have Robbed Winter of Its Terrors For Livestock on This Well Managed Country Estate in Western Kansas.

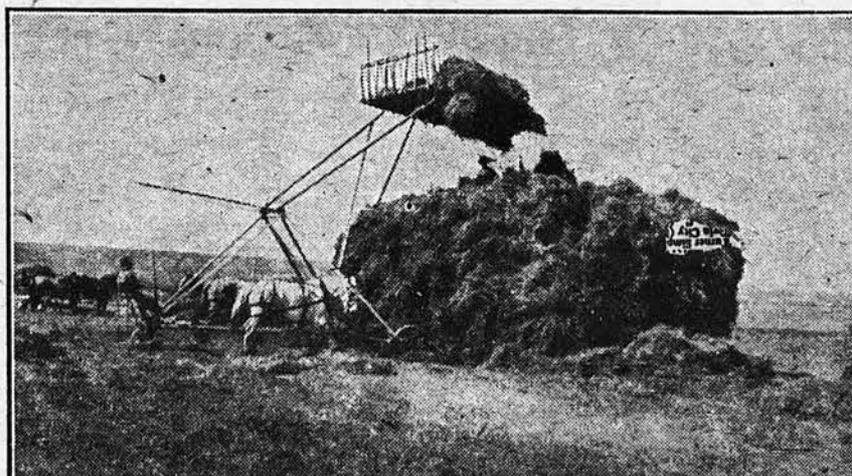
Alec's interest in the purebred livestock business of the ranch had aroused my curiosity and I asked his father to tell me how the boy had acquired ownership in so many valuable animals. His father gave him a pony mare when he was 8 years old. He raised colts from this mare, selling three mules at one time for \$200. He bought a heifer for \$50 and a grade Percheron mare for \$150. He later sold this mare with a colt for \$250. He kept the cow

until she matured, selling or trading the calves. He made a trade with his father for the two show heifers. He gave \$400 for the pair of registered mares which he was working on the stacker that afternoon. One of them had a stallion colt and the other was due to foal soon. Mr. Phillip owns a good registered Percheron stallion. He has a tractor, but does not use it very much for field work. They have found the Percherons a profitable feature of their farming operations, using the mares as work animals and also raising colts from them.

The Herefords are the central feature of the operations on this ranch. The valley land produces good crops of alfalfa, no matter what the season may be, and the big stacks of hay up and down the creek are most suggestive of the livestock resources of this part of the state. Barley is grown quite extensively, as a feed grain and cane and others of the sorghums are almost always sure feed crops. The rougher land is used for summer pasture. With plenty of alfalfa the purebred cattle produced on these ranches having some creek bottom land can be grown out as well as farther east where the land is much higher in price. There is an unending supply of stock water and cattle never have to be sacrificed because the ponds or wells go dry as they sometimes do in other sections. There seems to be no good reason why there should not be many more farms in this section devoted to the breeding of registered beef cattle to meet the demand for purebreds to improve the common stock.

Mr. Phillip has demonstrated what can be accomplished from very small beginnings. As stated in the beginning of this story, he has attained success thru thrift and hard work and because he had faith in purebred cattle and saw the possibilities offered thru establishing a breeding ranch centered around a sufficient body of valley land to insure a water supply and plenty of alfalfa and other feed to grow the cattle out properly. Silos have not been added to the equipment of this ranch as yet, probably because of the abundance of alfalfa produced, but alfalfa has been worth so much on the market in recent years that many cattlemen are looking into the silo question with the idea of getting more out of the cheaper feed grown and making the alfalfa go very much farther.

Crops for silage can be grown on the cheaper lands. There are years when feed crops do not make much growth, but there are also good feed years when the forage crops produce larger amounts of feed than can be used. In 1912 large quantities of feed crops were left standing in the fields. The silo will store the surplus of one year and it can be held in reserve for the poor years. Cattle can be wintered much more cheaply with silage and alfalfa than with alfalfa alone and be in just as good condition in the spring. Silage and alfalfa supplement each other. On the farm of a cattle breeder in an adjoining county I saw a big stack of bound cane by two pit silos, enough to fill them in case of need for more feed. The combination of alfalfa and silage with the short grass pasture is ideal for producing cattle cheaply.



Excellent Alfalfa is Grown on This Farm and Provides Much of the Feed That is Used. Kansas Should Have a Greater Acreage of This Crop.

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 T. A. McNEAL, Editor

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Passing Comment—By T. A. McNeal

THERE is a general impression that Kansas crop losses are all due to dry weather and bugs, but if an accurate count could be made of the losses from floods during a period of 10 years the aggregate probably would be nearly as great as the losses from dry weather.

Last week some of the farmers along the creek bottoms lost their entire wheat crop and were greatly damaged in other ways by flood. There was of course no insurance and the loss was total. It may seem as if I were advising a man to lock the stable door after the horse is gone, but it has occurred to me that farmers along such streams as the Wakarusa might have been protected to a large extent from this calamity.

The Wakarusa, like a good many other small streams in Kansas, is crooked and its channel in many places is clogged up with brush and trees and other debris. If the channel had been straightened and cleaned out and a dike built along either side I do not believe there would have been flood damage to amount to anything.

We think of the past 10 years as rather dry years in Kansas, but during these 10 years the Wakarusa has been on the rampage at least four times. This is too great a percentage and makes farming too uncertain for profit. The Wakarusa bottom contains as rich land as there is in the state of Kansas and that means as rich land as there is anywhere in the United States.

Wherever there is a crooked stream with rich bottom lands drainage districts should be formed, the stream cleaned out, straightened and dikes built to protect the adjoining lands from overflow. The expense would be considerable to be sure, but in the course of a few years the saving in crops alone, to say nothing of the rise in the selling price of the lands would more than pay the cost of the work.

I feel profoundly sorry for these farmers who have lost their crops by flood. In one case 80 acres of excellent wheat was all swept away, involving a loss in all probability of \$6,000 or \$7,000 and that after it was supposed the crop was saved and almost ready to turn into cash. That may not be worse than to fail to raise a crop but somehow it seems worse.

What has happened so many times will happen again. The Wakarusa bottom may not suffer from a flood next year but judging from the experience of the past 10 years there are two chances in five that it will, unless steps are taken to protect the bottom lands.

Gold in Circulation

ONE OF our subscribers writes: "Will you please tell us about how much gold there is in use as money in the world? Are not most all of the obligations of all the countries engaged in the late war made payable in gold? Is the interest on this vast amount of obligation made payable in gold? Who is responsible for the adoption of the gold standard theory by the United States? What will the Government do when bond paying time comes, as all the obligations of the Government are made payable in gold?"

Several of these questions I cannot answer. For example, I do not know how many of the bonds and notes issued by the European countries during the Great War, are made payable in gold. I presume that most of them are, but do not know that such is the case. Neither can I say who was responsible for the adoption of the gold standard in the United States. A good many individuals had a hand in that. The Republican National convention which met at St. Louis in 1896 was the first political convention to positively declare in favor of the gold standard as we understand it now.

On January 1, 1916 it was estimated that the total stock of gold money in the world amounted to \$8,258,231,000, of which amount the United States held \$2,229,454,000 and the British Empire \$1,159,820,000. While this amount of gold is nominally used as money, very little of it in fact is so used.

Most of the gold is held by the banks as reserve. Practically all bonds in the United States, National, state, municipal, railroad and other corporation bonds are made redeemable

in gold and I think that is true of most of the bonds of foreign countries. If that is true there is not nearly enough gold money in the world to pay the interest on the bonds. As a matter of fact nobody expects that the interest will be paid in gold. Redemption in gold is purely theoretical. If an attempt were seriously made to redeem these obligations in gold it would precipitate a panic which would overthrow civilization.

The theory of metallic redemption of money either with gold or silver is inherited from the days of primitive commerce, when trade was carried on by barter and it was necessary to have some commodity in exchange for which all people would be willing to barter what they had to sell. Gold and silver being more generally desired than any other metals and more easily handled and divided, naturally became the most generally used. We have held to that idea in my opinion long after the necessity for it ceased to exist.

The Farmers Are Conservative

THERE has been much talk and much published about the farmers of the country joining radical movements in politics.

It will be of general interest, I think, to read what is said by the National Grange thru the official heads of the organization in regard to this matter. They say:

The National Grange, the largest and most active organization of producing farmers in the world, as an organization, has definitely rejected a proposition to unite with or even confer with labor leaders in any way or manner, looking to political co-operation. It does not approve of political agreements or co-operation with any class, group or party; and it does not participate in any way in partisan politics or in such activities. Further, speaking for the very large majority of the members of the Grange, as evidenced by the action of many subordinate county and state Granges, Professor T. C. Atkeson, the Washington Representative of the Grange, states that it is his belief, that these citizens are opposed to all the radical propaganda and to all socialistic theories of politics upon which these movements are based.

This position taken by the National Grange, and by most of its membership, is insofar as the facts have come to our attention, confirmed and duplicated by the position taken by the other large farmer organizations including the International Farm Congress, the National Farmers' Congress, the Farmers' Union, the National Milk Producers' association, and the American Farm Bureau Federation.

Insofar as there is activity by these organizations there is nothing which has come to our attention to indicate that their membership, much less their leadership, have any disposition to be induced to join political or other combinations based on selfishness, class privilege, sectionalism, radicalism or Socialism.

When persons purporting to speak for farmers or farmers' organizations are quoted in a public way in such manner as to attempt to deceive the public as to the facts as stated here the time has come to tell the truth. The record of what Congress did indicates that the members of Congress know the truth. The same is true of the political platform already adopted. What remains is for the whole public to come to a realization of the fact that the farmers of the nation are sane, sensible, plain and clear thinking American citizens, who believe in representative Democracy as it exists in the United States—and not in the sovietism of Russia, the Socialism of Germany, or the autocracy of Mexico.

Concerning Bolshevism

THE best evidence of what bolshevism would do to this country," says a reader of the Kansas Farmer and Mail and Breeze, "is what it has done in Russia."

I am holding no brief for bolshevism. It is my opinion, as I have said a number of times, that it is founded on a fallacious economic theory and that it will not work out successfully in practice; but that is no reason for not being fair in our statements about the effect of bolshevism on Russia.

I have no sort of doubt that conditions in Russia are about as bad as can be imagined. I have no doubt that there is a shortage of food and about everything else necessary to living. The country is bankrupt; its transportation system is broken down; its industrial plants for the most part wrecked; its cities dirty and steeped in poverty. But I have been reading a great deal about conditions in other European countries which have not been under the control

of the Bolsheviks and if these stories are to be believed, conditions in those countries are fully as deplorable as are conditions in Russia.

The fact is that the war left the greater part of Europe in a most deplorable condition. The whole industrial structure has been disrupted and practically destroyed. This is what H. P. Davison, one of the greatest of American bankers, and presumably a man who has no sympathy with bolshevism, has to say about Poland, Czecho-Slovakia, Jugoslavia and other countries not under control of the Bolsheviks.

Wholesale starvation is threatened in Poland this summer unless that country can procure food supplies in large quantities. A report from Vienna dated February 12, said: "One hundred thousand school children in Vienna are reported as underfed and diseased because of food shortage and lack of fuel. . . . Death stalks thru the streets of Vienna and takes unhindered toll. Budapest, according to our information, is one vast city of misery and suffering. The number of deaths is double that of births. . . . In Rumania tuberculosis is spreading in an alarming and unprecedented manner. Typhus and smallpox have invaded Czecho-Slovakia and there is lack of medicine, soap and physicians. . . . In Serbia typhus has broken out and there are but 200 physicians to minister to the needs of that entire country."

"The reports which come to us," says Mr. Davison, "make it clear that in these war ravaged lands civilization has broken down." That expresses it. Civilization has broken down in those war ravaged countries but the breakdown is no worse in Russia than in the other countries mentioned. Let this country resume trade with Russia. Let us help the Russian people to get on their feet and reconstruct their civilization. Then bolshevism will stand or fall on its own merits. If we are right in supposing that it is founded on a false economic and social theory we have nothing to fear from it, for it will fall because of its own defects. If it lives it will be because it deserves to live.

The Nonpartisan League

I AM in receipt of the following letter: Will you kindly publish your stand on the Nonpartisan League question? The word of the Kansas Farmer and Mail and Breeze goes far in enlightening the people on such subjects. SINCERE READER.

I thought I had stated my position on the Nonpartisan League question with reasonable clearness. I have taken the trouble to go thru the session laws of North Dakota covering the legislative sessions of 1917 and 1919, the two sessions during which the Nonpartisan League has had control.

The real test of an organization is what it does when given power. There are a great many people who do a great deal of wild and unreasonable talking who when intrusted with real responsibility become decidedly conservative. The Nonpartisan League legislature did pass some radical legislation but on the whole the laws passed are not radical or wildly extravagant. It may be said, however, that North Dakota has gone further in the way of state Socialism than has any other state. The laws provide for state insurance, for state home building, for state owned mills and elevators. There is a guaranteed deposit law different from ours in that all state banks are required to come in, while with us it is optional with a bank whether it will participate. All agricultural lands are required to pay into the state treasury a tax of 3 cents an acre as part of a hail insurance fund, then in June an estimate is made of the amount that will be required to insure the grain crop to the extent of \$7 an acre. The grain growers can then pay the added assessment, which is limited to 50 cents an acre or they can withdraw and not come under the law and take their chances on losses. If the loss to a farmer's crop from hail is less than 10 per cent no loss is paid by the state and on the other hand if the loss is 80 per cent it is counted a total loss and the farmer receives \$7 an acre, the maximum insurance. This law seems to have worked well so far as it has been tried.

The constitution provides for classified assessment of property and money is only assessed at 5 per cent of its value. No property in the state is assessed at its full value. I think the

highest rate is only 30 per cent of the supposed real value.

This naturally makes the rate of taxation seem high, but in running thru the list of appropriations they did not seem to me to be extravagant. In fact they seem to be quite moderate.

The state has engaged in the elevator and milling business which seems to me to be a risky thing for a state to do. There has been a good deal of criticism of the Nonpartisan League for its course during the war. It has been said that the organization was disloyal. As a matter of fact, however, North Dakota under Nonpartisan League control has made more liberal provision for the returned soldiers than any other state in the Union. The last legislature provided for a special tax of $\frac{1}{2}$ mill on all the property in the state to be used as a bonus fund for ex-service men. Every soldier honorably discharged is entitled to receive \$25 for every month of his service, the amount to be used in helping him buy a farm or in getting an education. It is said that taxes in North Dakota have been very greatly increased under Nonpartisan League control. Undoubtedly they have but it must be admitted that taxes everywhere have been greatly increased. I have not had the time to compare the increase there with the increases in other states and therefore do not know whether they have increased more proportionately than in other states.

If they have then the League will be overthrown for no farming state will stand for an unreasonable tax rate very long. The farmers of North Dakota are, I apprehend, very much like farmers in other states in that they are not anxious to pay taxes.

It also has been charged that the Nonpartisan League is hooked up with the I. W. W. This is a serious charge if true, for the I. W. W. is based on a false economic and social principle. It is organized for the purpose of dividing this country into classes and exciting hate in each class toward the other. The foundation principle of the I. W. W. is not only false but is destructive of a democratic form of government. The representatives of the Nonpartisan League vigorously deny that there is any connection between their organization and the I. W. W. Until the charge is proved they are entitled to the presumption of innocence.

If the writer of this letter from Montezuma is asking for my advice to the farmer readers of the Kansas Farmer and Mail and Breeze as to joining or not joining this organization I will say that I have advised against joining it at least for the present. The state of North Dakota is trying out some rather radical and far-reaching experiments in state ownership and state Socialism. These experiments may prove to be successful but there is in my mind a very grave doubt concerning at least a part of them. I can see no necessity for Kansas farmers trying these experiments just now. We have in this state the Farmers' Union, the Grange and the State Farm Bureau. These organizations seem to me to provide abundant opportunity for organization and co-operation among the farmers of Kansas. To introduce the Nonpartisan League at the present time would only tend to create division and discord.

I have, however, no patience with those who froth at the mouth every time the Nonpartisan League is mentioned and I have no excuses to offer for those who resort to mob law to drive Nonpartisan League speakers out of the state. These speakers are entitled to the protection of the law and if the people of North Dakota wish to try out state Socialism they have a right to do so. I am not convinced that they are on the right track, but I may be mistaken.

Way to Help the Farmer

A READER of the Kansas Farmer and Mail and Breeze, L. Burk, of Little River, writes that he is a retired farmer, who was actively engaged in farming and stock raising for 45 years in Central Kansas. "I do not believe," says Mr. Burk, "that the remedy for the farmer's ills lies in taking the land from the rightful owners and giving it to those who have been largely failures. This position is all the stronger because we have no law of primogeniture in America and it has been said, with some truth, that we go from shirt sleeves to shirt sleeves in three generations. I think, Mr. Editor, that we must look in another direction for the agricultural troubles which confront us. I have an opportunity to observe many things here at Little River where more livestock is shipped in and out than at any other point on the M. and M. branch of the Atchison, Topeka & Santa Fe Railway system. I have seen during the last few months load after load of fat stock shipped out from here at a loss to the feeders of from \$400 to \$800 a car load. I know of one small feeder who shipped two car loads of fat steers at a loss of \$1,600. I am acquainted with several leading farmers in this community who have rented

their farms, sold their personal property and are quitting to try something else, declaring that conditions are such on the farm that they cannot make ends meet.

"I fear that you will take me for a pessimist, which I am not, but I would advise cutting down the enormous profits which are made on the products of the farm by middlemen. Show the bright boys and girls who are now leaving the farm that they will get a square deal and that there is a fair field ahead of them on the farm; that their future will not be saddened by the cares, the trials and the penury which a faulty system of distribution has imposed upon their parents. Then they will remain and make farming their life work."

I fully agree with Mr. Burk that the way to keep the boys and girls on the farm is to make it as attractive in a business and social way as other lines of business. I note that he says a good many of the leading farmers are renting their farms and leaving them because they think they cannot make both ends meet. I am wondering how they expect the renter to live, pay rent and make both ends meet if they, as successful farmers, cannot do it. If it is really true that these leading farmers cannot make both ends meet, the case is hopeless for the renter and he could not be blamed if he falls.

At the risk of being accused of riding a hobby I will say here that it will do the farmers little good to abuse the profiteers and middlemen. I think the remedy lies with the farmers themselves. I think they must organize and co-operate. I mean actually co-operate, not simply join some organization and pass resolutions.

Weighed and Found Wanting

Senator Capper's Speech at the Harding Ratification in Topeka, July 14.

U NDER the present National Administration, the Government has broken down completely on the business side. In Washington during the last few years the famous flood of Noah's time has been surpassed. During that flood it rained only 40 days and 40 nights. In Washington we have had a deluge lasting more than two years, a deluge of billions, and what we need to save us is another Noah's Ark. Taxes in this country were growing three times as fast as wealth before the war came upon us. The war doubled our National debt 20 times in the first 12 months. Ultimately the war will cost the United States 100 billion dollars and this 100 billions will have to be taxed out of the American people. For years to come, with every leak plugged, our taxes are going to be high enough.

While I am oppressed by the waste and extravagance of public business as conducted in the United States and in Washington, I believe we are going to stop it for the best reason in the world—we shall have to—it has become compulsory. A good beginning already has been made. The last two sessions of Congress saved the country $2\frac{1}{2}$ billions of dollars. Here in America we have to make our public service a business and conduct it on business principles. Government is service, nothing else, or it is not government. I am confident real government is coming, with more and more expert management of public affairs. A government that will deliver the goods is our greatest need, not 10 years hence but now, and this country and its people are going to develop that kind of government.

Harding, if elected, will be the first business man by occupation to become President of the United States, and the need of a business man at the head of the Government never has been so marked in all the history of the Republic. I feel I know something about the Republican nominee for the Presidency. For more than a year I have occupied a seat within a few feet of his in the Senate Chamber of the United States. During that year of association it has been my good fortune to have enjoyed close and friendly relations with him. I am glad to tell my friends and neighbors it is my candid and honest judgment that Warren G. Harding will make an able and forceful executive—a truly great President. He is an upstanding, stalwart American, with the fine characteristics of the lamented McKinley. He has a sane and balanced judgment, an abundance of ingrained common sense, a spirit of fairness and toleration to an extraordinary degree.

The affairs of the country are in a chaotic condition. The best brains of America will be

needed to untangle the Nation's snarls, both in official activities of the United States Government and in the business activities of the whole people. The constructive ability so badly needed for the vigorous business reorganization of the Federal Government, and to meet the many economic issues before us, lies at this time in the Republican party. When the Republicans come into power next year, as in my judgment they will, I believe the American people may at once expect a new order of things in the Administrative affairs of the Nation. Knowing Senator Harding as I do, I do not hesitate to say that as President he will bring to the great task of National reconstruction the most sincere devotion to public service and the most conscientious attention to official duties. More than that, he will bring a willingness to use the strength of others to the end that the greatest good may be brought to our common country.

Another reason why I think Harding will make a good President, and I say this with a great deal of pride, is that he is a newspaper man, the first, by the way, to be nominated for the Presidency. The chief aim of every right-thinking newspaper man is to be of service to his country, to be of service to his state and to the community in which he lives. Harding started poor, worked hard and came up slowly along the road many others have traveled in this land of opportunity. He mastered every detail of the printer's trade and the publishing business from printer's devil to pressman and managing editor, and has made good at every other thing he has undertaken.

While I am here I wish to say a few words about my colleague in the Senate. Senator Curtis ought to be renominated and re-elected by the biggest majority ever given a Kansas Senator. As a member of the Appropriations Committee, Curtis has saved the country millions of dollars. Senator Curtis and I have stood together on practically every important question before the Senate. In so doing, we believed we were voicing the wishes of the great majority of the people.

We voted for the Equal-Suffrage amendment and did everything in our power to give the women of this republic the right which is theirs by every consideration of justice and reason, and to give it to them at the earliest possible moment.

We voted for the Volstead Prohibition Enforcement measure which buries old John Barleycorn so deep he cannot be resurrected. We voted to pass the bill over President Wilson's veto and we have opposed all other efforts to nullify prohibition and perpetuate the saloon nuisance.

We voted for the amendment to the Lever act which was intended to jail the profiteer. The Attorney General asked for this legislation and we were glad to give it to him but I regret to say that notwithstanding 23,000 millionaires have been created in the last three years and that the American people have been and still are being victimized by the most conscienceless band of robbers the world ever has known. No one of the profiteering gang has yet been placed behind prison bars.

We voted against compulsory military training. It is un-American, undemocratic and unnecessary at this time when the country is staggering under a National debt of 25 billions.

We voted against a big army in time of peace. Ninety-two per cent of the Nation's revenues are now being spent for war purposes, past and present. The cost of maintaining our army and navy two years after the armistice is more than a billion dollars a year—twice the amount that is being spent for defense purposes by any other nation.

We voted for the Budget bill which would have saved the Government billions of dollars, but President Wilson vetoed it and for no other reason than that it took away some of his far too plentiful authority.

We voted for the National Guard amendment and did everything in our power to obtain legislation that would encourage and build up a strong National Guard and compel the regular army to give the citizen soldier a square deal—something it hasn't done for years.

We voted for the bill which gives postal employees decent wages and a chance to live. We voted to return the railroads to their owners, because the country was weary of the failure attending Government ownership.

We voted for every possible reduction of appropriations. We opposed all river and harbor and public building pork-barrel schemes, and let me say it is to the credit of the Sixty-sixth Congress, just adjourned, that the two sessions made a total saving below the estimates and as the bills were considered by the former Democratic Congress of \$2,374,460,817. That means a saving this year of not less than \$100 apiece for every family in the entire United States.

A Big Place for Kanred

The Development of This Wheat Has Been the Most Spectacular Thing in Plant Breeding in the Middle West

By John H. Parker

KANRED wheat, as most people in Kansas are beginning to realize, is adding much to the yield and value of the wheat crop in Kansas, as there were 1/2 million acres in Kanred this year. This acreage undoubtedly will be increased considerably in the fall of 1920, and it is the aim of the Kansas Experiment station and the Kansas Crop Improvement association to have 100 per cent of the hard wheat acreage planted to Kanred within a few years.

Amount of Inspected Seed

There will be seed enough available this fall from inspected fields to plant about 1 1/2 million acres, and at the present rate of increase it will be but a year or two before enough pure seed will be available for the 7 million acres which are grown every year in Kansas. When this time comes, it will be safe to say that Kanred will be adding about 30 million dollars a year to the value of the Kansas wheat crop. This figure is based on the conservative estimate of 3 bushels an acre increased yield and on a price of \$2 a bushel.

Kanred is a pure line selection made in 1906 from a bulk lot of Crimean hard wheat originally introduced by the United States Department of Agriculture. The selection which has since been named Kanred, and several others, were made by Prof. H. F. Roberts, at that time botanist at the Kansas Experiment station. These selections were grown under his direction until 1911, when they were turned over to the agronomy department. The poorer types were weeded out gradually and Kanred and some of the other promising selections have been tested in plots at the agronomy farm since 1911. In 1914, Kanred was first

distributed to farmers and tested in various parts of the state and since that time it has spread rapidly. In 1919, about 50,000 acres were grown.

The popularity of Kanred is based entirely on merit. It has several advantages over the Turkey and Kharkof varieties, which are being rapidly replaced by Kanred. Yield is of first importance with any farm crop and it is in this connection that Kanred excels. As a general average, of all tests, including those at the experiment station and on farms, Kanred can be depended on to yield 3 bushels an acre more than either Turkey or Kharkof. Under some conditions, the difference will be very large as, for instance, in a year when rust reduces the yield of other varieties. Kanred will often yield 8 or 10 bushels more an acre because it is rust resistant. Another point in favor of Kanred is that it is from one to four days earlier than

either Turkey or Kharkof, and sometimes escapes part of the damage from hot winds just before ripening. Kanred seems to be a little more winter hardy than the other varieties and is equal to them in milling value. The importance of this last point cannot be over emphasized. No matter what the yield of the variety, it cannot succeed permanently unless it finds favor with the grain trade, the millers, and finally the housewife and baker.

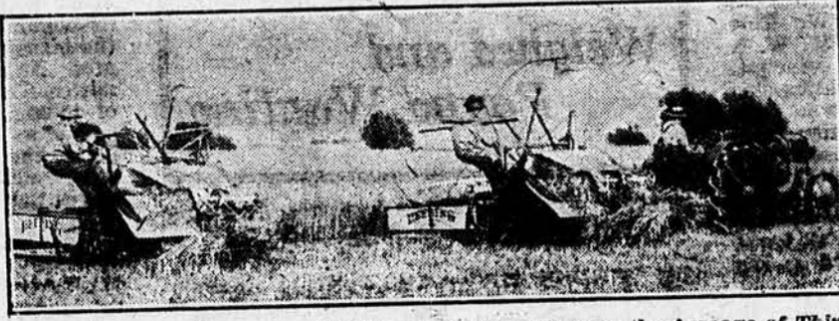
The Kansas Crop Improvement association, a strictly farmer's organization, is taking an active part in the distribution of Kanred seed wheat. There are 500 progressive farmers in this association, they pay an annual fee of 50 cents and are entitled to first chance at securing seed of improved varieties developed and distributed by the experiment station. The funds of the Crop Improvement association with the fees paid by the

Kanred growers have financed the field inspection of Kanred wheat which was carried on in 1918, 1919 and 1920. There were four inspectors in the field this year who made a careful examination of fields. They were looking for mixtures of soft wheat, other varieties of hard wheat, rye, noxious weeds and stinking smut.

College Has List of Growers

Based on reports of these inspectors a pure seed list is issued during the summer, so it is an easy matter for anyone wishing to obtain pure seed of Kanred wheat to do so. Many growers have a large enough acreage, so they can supply Kanred seed in car loads. It is expected that there will always be a demand for pure seed of Kanred wheat in Kansas and the present brisk demand probably will continue for several years for Kanred is doing well in other states. Favorable reports of its performance have been received from experiment stations and farmers in Nebraska, South Dakota, Iowa, Colorado and even as far east as Missouri and parts of Illinois.

Because of the unsettled market conditions, it is not possible to predict with any degree of safety, what the price of seed wheat will be, but it is safe to say that pure seed of Kanred wheat can be sold readily at a reasonable premium over the regular price. The Kansas Crop Improvement association will suggest a scale of prices to the Kanred growers, but the matter of price must in every case be settled by mutual agreement between the buyer and seller. It certainly is well worth while for any farmer to pay a premium of from 50 cents to \$1 a bushel for Kanred seed wheat, as it will increase his acre return from \$6 to \$10.



Kanred Wheat, the Highest Yielding Variety in Kansas: the Acreage of This Grain is Increasing Rapidly in Many Communities in This State.

Good Roads for Wilson

Local Materials, Especially Gravel, Have Been Used Very Successfully as a Rule in Construction Work in This Section

From an article by M. W. Watson, State Highway Engineer of Kansas, in Municipal and County Engineering.

WILSON county, in Southeastern Kansas, is in one of the large oil-producing and farming regions of the United States. This reason, if no other, makes it necessary to employ some type of hard surfacing on the main traveled roads of the county. The county engineer, county commissioners and others interested in road affairs made a careful investigation of available materials and found that an abundant supply of road gravel could be obtained in practically all of the West two-thirds of the county. This gravel usually is found in slight knolls under from 1 to 3 feet of soil and is obtainable at the small cost of 6 1/2 cents a cubic yard.

The gravel ranges in size from fine material to that passing a 1 1/2-inch ring and contains about 12 per cent of clay binder. It has exceptionally good bonding qualities and considering the low first cost and ease of maintenance, the decision of the road officials to adopt the gravel type for their county road system certainly is logical.

The laws of Kansas permit the formation of a benefit district for improving a section of highway. The petition must contain a complete description of the proposed improvement, the land lying in the district, the type and width of the improvement and the number of annual assessments, from 10 to 20, over which the cost is to be distributed.

The district for gravel road work usually is about 1 mile on either side of the proposed roads. The law requires that the petition must contain the signatures of 51 per cent of the resident land owners, owning 35 per cent of the land, or 35 per cent of the resident land owners, owning 51 per

cent of the land, or the owners of 60 per cent of the land lying within the district. By resident land owners the law refers to any persons owning land in the district and living in the county.

After the petition has been signed properly it is presented to the board of county commissioners and they, by appropriate action, declare the road to be a public utility and order the surveys and plans prepared by the county engineer. After the surveys have been made and the plans prepared the plans and estimates are submitted to the state highway engineer for his approval, after which the board of county commissioners may either award a contract or construct the work themselves. The latter method has been selected by the commissioners in Wilson county.

Much attention is given to the preparation of a proper roadbed before placing the gravel. Since the roads are slightly rolling and the soil is of clay and the gravel used possesses ex-

cellent bonding qualities, the feather-edge method of construction is found to be most desirable. The sub-grade is constructed with a crown of about 1/4 inch a foot, without any shoulders to obstruct a proper drainage of the sub-grade previous to final compaction. The side slopes from the berm into the ditch are 2 1/2 feet horizontal to 1 foot vertical. The ditch is of the flat bottom type 24 inches wide and 24 inches deep, and has an outside slope of 1 1/2 feet horizontal to 1 foot vertical.

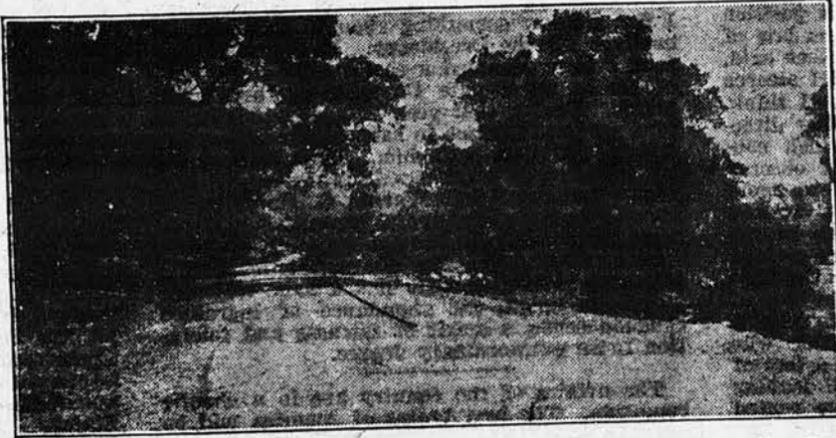
With the exception of materials requiring a longitudinal haul, the bulk of the earth is moved by means of the ordinary blade grader. All cuts or fills requiring longitudinal movement of earth are first made by the use of wheel and slip scrapers, after which the ditches are cut by means of the blade grader, using for the bottom of the ditch a small machine, while the larger grader was used to prepare the embankment and to cut the outside

slopes. In many instances outside slopes as high as 5 feet have been cut with an ordinary blade grader.

Before starting construction the county purchased a Galion loading and screening device, which has been used in the main for the loading of gravel. In some instances, where only a few teams were in use, and in the event more teams were on the work that could be supplied by the loader, wagons were loaded by means of a loading bridge.

In the usual gravel road construction little attention is given to the careful grading or measurement of the material deposited and as a rule an irregular surface is the result. But on this work one of the principal features is the care used in placing the gravel. Before any material is deposited grades stakes are set and side form boards placed, being firmly held by strong stakes and iron pins. Two by 8-inch planks are used for this purpose, giving a depth of gravel at the side of 6 inches and a center depth of 6 1/4 inches. The material is spread by a blade grader and finally screened to obtain uniform depth. After the material has been dumped for a sufficient distance it is thoroughly harrowed with a stiff tooth harrow and the form boards are removed, allowing traffic on the gravel to give it the proper compaction. Rolling was first attempted, but it was found that a roller on this type of gravel gave but little better results at a much higher cost than to allow the traffic to compact it. The material is then reshaped when it becomes scattered over the roadbed.

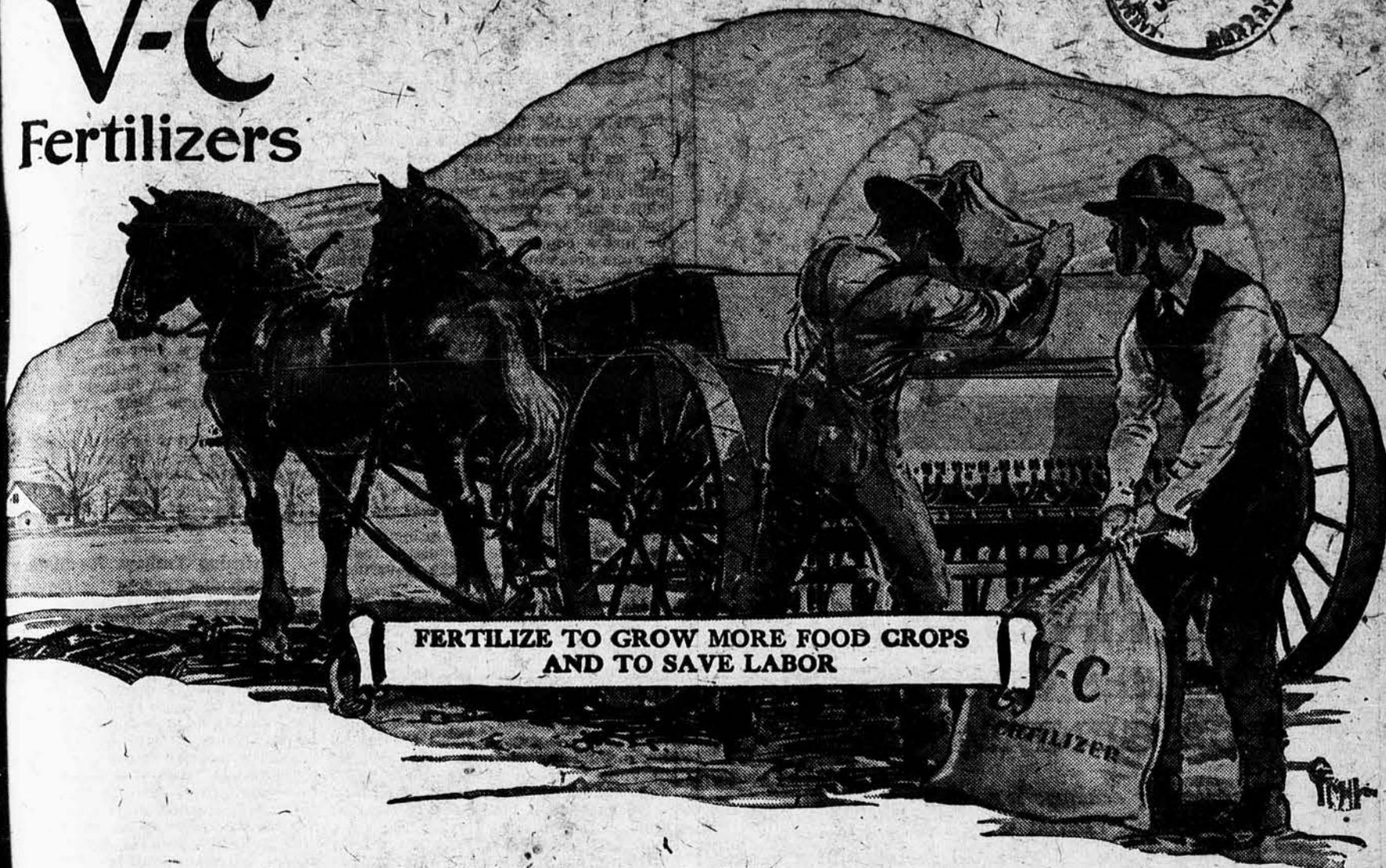
After the roadbed has been opened for traffic it is dragged with an ordinary road drag after every rain. When pockets or depressions are found slight additional amount of gravel sometimes is added to good advantage.



Wilson County, in Company With Most Other Sections of Kansas, Has Developed an Encouraging Interest Recently in Good Hard Surface Roads.



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Only two-thirds enough farm labor is available. It is difficult to sow more acres in grain. The only way serious shortage can be averted is to use fertilizer, and make each hour of labor produce two bushels instead of one.

Do you know that in August and September thousands of freight cars must go West to move the wheat crop? This is just the time when cars are needed to ship your fertilizer. Order your fertilizer for fall sown crops to be shipped at once, or disastrous delay will result.

Write Our Agricultural Service Bureau

Our home office, Richmond, Va., we maintain an Agricultural Service Bureau. Let us advise you as to the best fertilizers to use on different soils and crops—the best to apply fertilizer—how to get the greatest good from its use.

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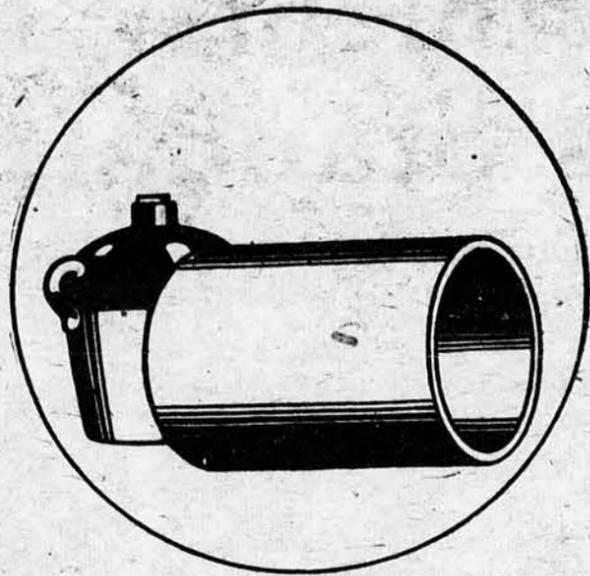
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Farming in Western Kansas



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THE MAN in the city who is always referring to life on the farm as one continuous round of blissful days and peaceful nights, with nothing to do but a simple routine of chores that requires neither patience nor ability is either hopelessly ignorant or just a common "nut." Farming is the one great out-of-door job that calls for the rarest combination of intelligence, skill, patience, endurance, resourcefulness, persistence and courage. Monotonous routine? Not exactly. If the calf kicks him on the shin again this morning it is almost sure to be in a different place. There is always plenty of variety even in a calf's kicks. By the time the cows are milked, the hogs fed, the water pumped, the stock all looked after for the day, the machinery adjusted and a score or so of other chores completed, it is almost sunup and time for breakfast. In systemizing all these things to save time and keep things moving properly, he has developed more executive ability than it takes to run the governor's office.

After breakfast there may be a little plumbing to do or a little carpentry. Soon he is away on the other side of the farm to fix the fence where the cattle broke over into the alfalfa. Two or three are down with bloat—no veterinarian in reach and he has to turn veterinarian himself. Just now he notices that the grasshoppers are hatching out by the millions. He happens to know how to handle these pests and saves himself hundreds of dollars.

He yet has 5 hours for cultivating crops before noon. During the noon hour he looks up the markets and tries to figure out if there is anything that he can put with the \$1.50 corn he is feeding to 15 cent hogs that will make him a profit. Talk about high financing! He has to be in the front row.

Another day's work is done before 7 p. m. After this there is time for a little expert repairing, for doing the chores and working over his books to keep tab on the profits and losses. If he fails he must have the courage to take a drink of water and a bath and start over. There is no wonder that it takes a real man to hold down the job and that the others seek the obscurity and protection of the cities.

A Need for More Paint

There never was a time when it paid better to use paint than now. Lumber is high in price and it is costly to build. By painting old buildings, they

can be made to last longer and the necessity for erecting new structures during the period of extremely high prices will be avoided. Not only does a well-painted building last longer, but it also has a better appearance than one that is neglected and bare.

It does not require so much paint to cover a building when it is new as it does after the building has stood unpainted for a while. This is a mistake many men make. They try to save money by leaving their new structures unpainted for a year or so, until they have caught up a little in the finances, and then it costs them more for paint when they are ready to cover it.

Even tho paint is more costly than formerly, it pays to use it. As some one has said, a dollar's worth of paint will cover and protect more dollars of lumber in our farm buildings today than ever before.

Fattening Turkeys for Market

In fattening turkeys for the market an excellent plan is to begin about October 1 to feed night and morning not feeding enough at a time but the birds go away still feeling a little hungry, and gradually increasing the quantity until they are given all they will clean up three times a day during the week before marketing. By the latter feeding is meant that they are fed until they leave the feed and walk away. Some turkey raisers feed wheat and oats during the first part of the fattening season, gradually changing to corn as the weather becomes cooler. The majority, however, begin feeding heavily on corn about November 1, and since turkeys are not accustomed to such heavy feeding, scours often result, especially if new corn is used. New corn can be fed safely if the turkeys are gradually accustomed to it by feeding lightly at first and more heavily afterward.

Confining turkeys during the fattening season to prevent their using too much energy in ranging has been tried to some extent, but with little success. Those confined to a pen eat heartily for 2 or 3 days, but after this they lose their appetite and begin to lose flesh rapidly. On allowing them free range again, they pick up rapidly and as soon eating as heartily as ever. The better method is to allow them free range, as it keeps them in a good healthy condition, and they are always eager to be fed.

Among Colorado Farmers

WE WHO live on the plains, away from industrial centers, do not realize the degree to which manufacturing has taken labor away from farming. Car window observations are not dependable always, but when they confirm, as they do, statements that farming is declining in New York state, they may be worth mentioning. Much land seems to be idle. The one thing which looks good is the grass being pastured by herds of Holsteins. And we fancy if it were not for milking machines, the herds of these would be fewer. Evidently the grain for these cows must be bought. There's one outlet for the increasing production of the kafir crops on the plains.

We understand now a little more than we did the reasons for the sudden increase of interest in farming being shown by magazines and daily papers in the big cities. City folk have a dim realization that food must be produced from the soil and, when they see so little of it being produced, are beginning to wonder where it is to come from. But they still have a notion that the Government will supply food by taking it away from "profiteering farmers" at prices which will leave a large share of the consumers' earnings to be spent for gasoline, tires and the movies.

This situation is sure to work toward

the improvement of the relative position of farmers in the Plains states. When once a farm in the Eastern states is abandoned, it takes a long time to get it organized for production again. Western farmers are staying with it. There isn't much else which they can do. They may not be finding it profitable now, but we are confident that they will do so ultimately.

Care of Flowering Shrubs

Early flowering shrubs such as spiraea, weigelia, flowering currant and lilac, should be trimmed and cleaned up in the early summer for the best results. Care must be exercised in this operation to insure the most naturally shaped shrubs and the most normal growth which, in turn, means more and better flowers next spring.

Never shear off the ends of the branches. Always cut from the inside thus maintaining a natural growth and providing opportunity for new growth to develop properly.

The later-flowering ornamentals, including the hydrangea, hibiscus, and thea, will not stand the same treatment for the operator is sure to remove much flower-bearing wood and weaken the plant. It is best to trim or prune such kinds during the fall or early spring.

Judge Your Investments By This Standard

When you buy a new implement, do you figure out in advance just exactly how much profit it is going to bring you for every dollar it costs?

Suppose your farm were a factory. (As a matter of fact, it is a factory; your land and equipment is your capital; your seeds, fertilizer and the elements are your raw materials; you are the chief executive; your hired help, the labor; and your finished product is the produce you send to market).

You are going to invest in new machinery for this factory. If you judge it by this standard your investment will be profitable: Suppose a machine's cost is \$400 and it will last 5 years. That's \$80 a year. How much of the time can you keep it in actual productive operation? You want to know this. It is the fact governing your returns per dollar invested.

Your investment is at the rate of \$1.44 a week whether the machine works one day or every day. In other words, the profitable machinery is that for which there is the greatest use, the one which works the most for your \$1.44.

The G-O is a "six-day-a-week-tractor"; for there's scarcely a working day in the year there isn't a job for the G-O. When the G-O isn't plowing it is driving the grain separator, the ensilage cutter, the feed grinder, the wood saw, or furnishing economical power for the farm repair shop or the hundred and one other farm power needs.

The great flexibility of the G-O makes it adaptable for every kind of belt work.

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The G-O is simple. Simple in construction and operation. So simple, in fact, that the most inexperienced operator can run it. No gears to strip. No complicated controls. Maximum accessibility of all parts—easy adjustment. The G-O is powerful and dependable.

Let us tell you in detail, how the G-O will reduce your operating costs. Send the coupon at once for your copy of the tractor book, "How Success Came to Power Farm."

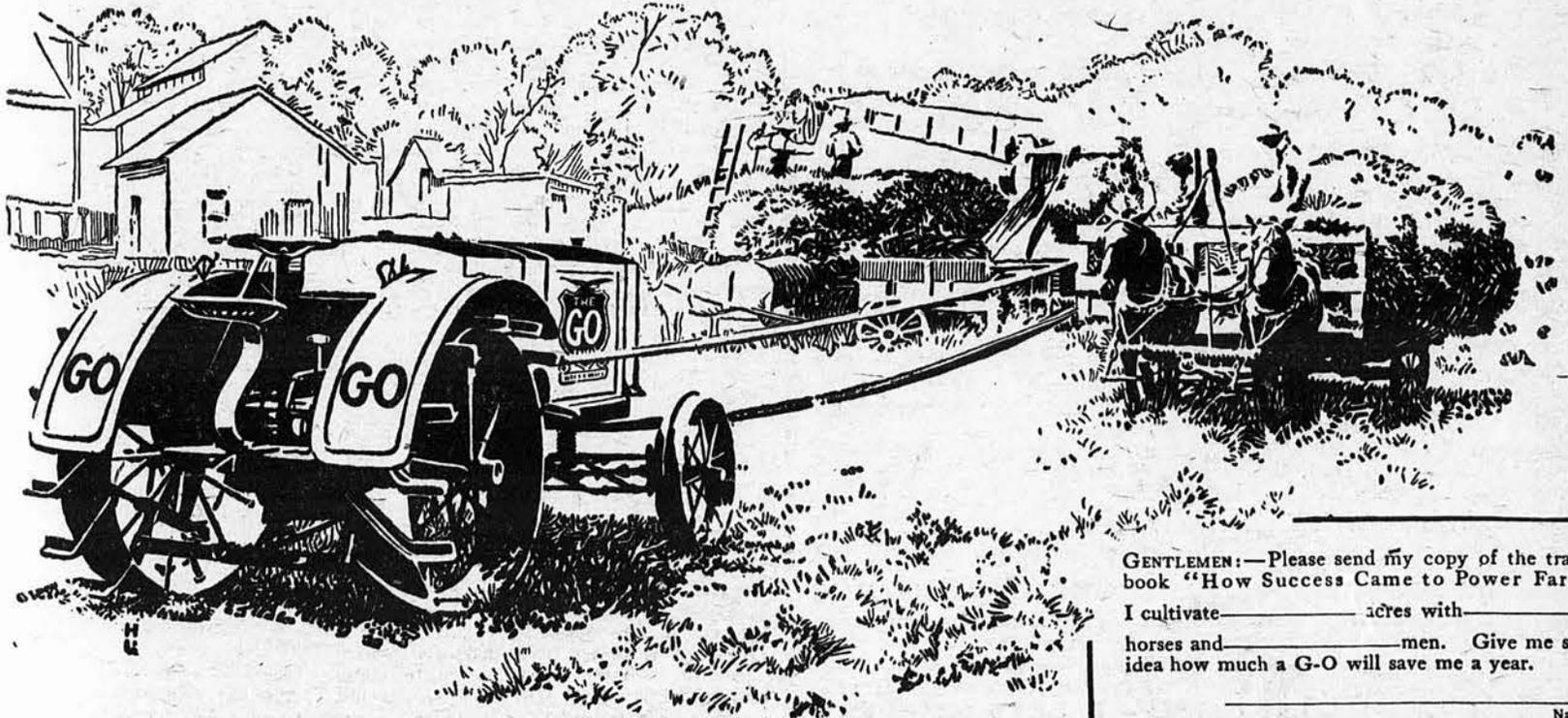
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I cultivate _____ acres with _____
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WHAT pure wool is to clothing, pure white lead is to paint. Substitutes for both are frequently used but shoddy paint wears no better than shoddy cloth and in the end is no more economical.

All worth-while paints contain some white lead. The better kinds are chiefly white lead; the best kind is pure white lead.

You are not likely to choose paint which does not contain some white lead. The more the better. The better the lead, the better the paint. "Carter" is the last word in pure white lead and the one you will choose by every test.

10,000 retail paint dealers sell Carter White Lead and probably ten times as many professional painters are using it. You can safely follow their judgment.

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You will now want to keep advised of the respective merits of the different Presidential Candidates who are asking your support in the November Election. You will get reliable information from the publisher, United States Senator, Arthur Capper, and our Managing Editor, Charles Sessions, who are not only familiar with National Politics, but will keep Kansas Readers informed politically of Kansas affairs both State and County through the columns of the Capital each day till January 1, 1921. Mail your check—Do it NOW.

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Capper Poultry Club

Who Said Picnic? Why, Coffey County

BY MRS. LUCILE A. ELLIS
Club Secretary

A PICTURE show and everything, is the news that comes from Coffey county in regard to their big picnic at the Lebo Park, August 6. Going? Everyone is cordially invited to be the guest of this club and share the good time which these girls and their mothers are planning. Mrs. Grover wrote me: "Dr. W. A. Jones of Lebo has promised us the park and will arrange the grounds for us, and Mr. Torrance of the Lebo Star gave us a pleasant surprise by telling us to allow time on our program for him to entertain us with a three-reel movie." What boy or girl, or grown-up for that matter, doesn't like to go to a good picture show? So if you live anywhere near Coffey county and the weather man gives us a nice day and good roads,

bairns came in their automobile. I think they showed a lot of pep as the roads were very bad. There were present altogether. We had a business meeting and a good program. After our business meeting we practiced yells and chose Orpha Jones for our leader. Then refreshments were served. When it was about time to start home it began to pour down rain, but of course we didn't let that scare us. We slacked up after a while and we piled on the wagon and started for the station. But it made too big a load for the horses to pull over slippery roads and about half of us had to walk. We yelled our yells all the way to the station, for we surely felt like expressing our pep. It was late when the girls reached home and they were wringing wet. Leavenworth county is showing more pep than it ever did before."



Grace and Helen Barret

pack up your lunch basket, see that the car is in good running order and wander Coffey county way the morning of August 6. I can assure you of a hearty welcome.

Who are, who are, who are we,
Poultry club girls, can't you see?
We are small, but we'll grow tall,
And go to the Topeka fair this fall.

There's good sentiment in this yell composed by Helen Wheeler, leader of Ness county, isn't there? There are only five members in this club and they aren't very big, but they don't let their size or their age affect their pep. In fact, they think they're mighty important and they won't be satisfied until they convince other counties of this fact.

How often do you read your club rules? Elva Howerton, leader of Linn county, is very proud of one of her club members and I don't blame her a bit. She said: "I received a letter from one of my team mates and she said she read the club rules every week so she could get more meaning out of the club. I think it would be fine if all of the girls would do that." And Elva is right. Just think of the time that would be saved in answering useless questions if every girl had a thoro knowledge of the rules of this organization of which she is a member. Study the rules, girls, if you would please your county leader and state secretary. If you have lost your copy, I shall be glad to send you another.

Club Members Go Camping

What will our club members do next? They're always thinking of something new. The latest news from Johnson county is that all three clubs are planning to go on a camping trip in August and will have their August meeting one of the days while in camp.

And speaking of meetings, The Leavenworth county girls think the meeting which they held the last of June was very good under the circumstances. I think each girl in the club wrote and told me about it and every one of the letters made interesting reading. Here's Beth Beckey's account of it:

"We held our meeting at Lillian Hughey's home. In the morning it just poured down rain and we began to think we wouldn't be able to have our meeting, but by noon it had quit raining so I called up the girls who were coming on the interurban car and told them that my brother and I would meet them at the station. I was afraid there wouldn't very many come, but they just piled off the car. We certainly had a wagonload, but it was lots of fun. Soon after we arrived at Hughey's, Fair-

And now let's talk "chicken" a while. Are your chickens as healthy as they should be? Are they full of life and vigor, and have they good appetites? It's hard to cure chickens after they become sick, so the thing to do is to keep them healthy. And a chicken to be healthy must have proper care. Remember that lice, mites, filth, poor feed, dirty water, damp houses, drafts and lack of care breed disease, while on the other hand, sunlight, fresh air, clean houses and runs, good feed, fresh water and good care and attention mean health, vigor, and big profits. For information regarding poultry diseases write to United States Department of Agriculture, Washington, D. C., for Farmers' Bulletin 667, "Poultry Diseases."

If you have provided no summer green feed crops, remember that sprouted oats can be produced in a few days and this is the best green feed you can give your chickens. And don't neglect giving them plenty of fresh water and seeing that they have shelter from the hot sun. Good care, big profits and prizes go hand in hand and when the contest for 1920 closes you'll find that in most instances the girls who took the best care of their chickens have the most to show for their year's work.

Letters From Club Girls

Perhaps the part of my work which I enjoy most is the opening and reading of the many interesting letters which I receive. I can give only a few quotations in each club story, but I'm sure they help you to get acquainted with girls in other sections of the state.

I have four hens with little chickens. My eggs hatched just fine this time. I am doing as much as I can to boost the Capper Poultry club.—Hazel Coleman, Sherman county.

As there aren't many members in either the poultry, pig or calf club in Meade county, we decided to hold our meetings together. There were only four of us present at our meeting with Clarence Utz, club member, but we had a good time. Many important matters were discussed. Here are some of the things we decided to have purple and gold for our club colors for our uniforms, overalls for the boys and gingham dresses for the girls; motto, "First or Bust"; to have box or pie supper occasionally. We also discussed publishing a club paper. This county has lots of paper when once stirred up and we're going to show the other counties what Meade county is.—Bernice Gum, Meade county.

There were 32 present at our fifth meeting at my home. After a good dinner we held our business meeting out-of-doors in the cars. Then we played games and went for riding. Everyone had a fine time.—Hazel Moore, Cloud county.

All of the poultry club members were present at our meeting with Cora Fink except Beulah Martin who had the misfortune to break her arm and shoulder. Several visitors were present. We had a fine time playing games and then a 6 o'clock supper of sandwiches, pickles, cookies, cake and fruit salad was served. After supper we went to the movies.—Erma Organ, Gove county.

At our June meeting we voted to have a newspaper which we will call "Veal and Eggs." We also appointed an executive committee to appoint the "eats" and entertainment committees. We had a good program and a fine dinner.—Ruth Stearns, Rice county.

Wouldn't you like to meet Grace and Helen Barret of Dickinson county? The picture shows them with their pony, "Mable."

Alfalfa is the most profitable crop in Kansas.

With the Capper Galf Club

Will Western Kansas Take the Pep Trophy?

BY EARLE H. WHITMAN
Club Manager

THERE'S something doing in Russell county. The three Angus boosters and the one Holstein enthusiast who make up the team are pulling together to put their county at the front. I like the way those boys are handling their work, too, for it shows genuine interest in the club and a knowledge of methods of feeding and handling calves. The members are wide-awake to every opportunity, too, for their local newspaper carried a short write-up of the meeting.

"The Russell County Calf club held its first monthly meeting June 26, after postponement from other dates because of rain," writes Club Reporter Carl Cross. "We discussed the club work, costs of feed for each member's calves, and the kinds of feed the calves were receiving. We elected the following officers: Kale Workman, president; Gemeth Graham, vice-president, Fred Belzer, secretary, and myself, club reporter. We also had pictures taken of the club and of every individual member, which will be sent to the club manager. The points made by the Russell county club during June total 119. I know that Russell county stands just as much chance of winning the pep trophy as any other county."

County Leaders May be Changed

Harrah for Russell county! Those boys are putting it all over some of the Eastern Kansas clubs. As a matter of fact, I think the club manager will have to scold some of his county leaders. Surely no calf club member will admit that there is more pep in the big club, yet there is scarcely a county leader in that club who is not right up to his toes. Indeed, there will be a change or two in calf club leaders unless more pep is shown, for it isn't fair to let a "dead" leader hold down the pep of his teammates.

Another county club deserves a lot of credit for the way it carried out a June meeting. Linn county hustlers, under the leadership of Hazel Horton, in charge of the Capper club's picnic, and according to all reports they covered themselves with glory. In that county all three of the Capper clubs are strong, so the teams take turn in arranging meetings. More than 100 persons attended the picnic and it was a big day for everybody. If Linn can do this, why can't other counties?

My suggestion in a recent club story that individual members—those who haven't teammates, or only one—be permitted to compete for the pep trophy met with much enthusiasm, and the more I think about it the more strongly I am inclined to think these boys and girls should have the opportunity. Of course, every club member with any pep reads the weekly story, so I'm going to announce here that any boy or girl who wishes to compete for the pep trophy—and who hasn't a

county leader—should write to the club manager for a list of points to be counted in this contest. And don't forget that members in counties with no leaders are eligible to compete for the prizes offered for obtaining the most associate members for next year.

Butler is another county where joint club meetings are being held, and while the membership is not so large as in some other counties the supply of pep has no limit. Here's an interesting letter from Eva Leatherman, one of the Butler county members: "Well, we had our meeting and it was a great success. We planned a program for next month's meeting and also planned for our club paper. Wouldn't you like to subscribe for it? The price is 25 cents a year and we want all the subscribers we can get. You know, I lost one of my calves, but the other is doing fine. I was away a week recently and left father to take care of my calf. He didn't treat her as I do and when I came back she was hardly the same calf. I haven't had any luck finding new members for next year's club, but will not give up. I surely am planning on going to Topeka in September for the big pep meeting and expect father will go along."

Don't you suppose Eva's father laughed at her when she said he hadn't been giving her calf as good care as it was accustomed to? After all, tho, club members do pay more attention to their calves than older folks can spare time for—and the calves respond. Won't you agree with me, after taking a look at the two fine calves I am showing you this time, with their proud owner, Clara Long of Clay county? They're about as fine Holsteins as any of which the club manager has received pictures.

Calves are Like Folks

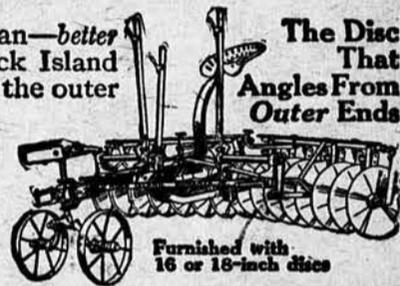
Even with the experience which club members are acquiring rapidly, reports still come in occasionally of trouble in keeping calves in proper condition. In this connection I want to quote part of a letter from Bertha Dawdy, a Guernsey booster of Shawnee county. "In reading the club story I noticed that some members have been having trouble with their calves," wrote Bertha. "I have decided from my experience that calves are like people. Some can eat what others cannot. One of mine must be watched closely, as the least thing upsets her, while the other is hearty. I began feeding the same amount to both my calves and found that one would grow and keep fat while the other would not, so I began giving the second some extra feed. I find it very interesting to study the likes and dislikes of my calves. They have very different dispositions. One seems so kind and gentle, while the other is inclined to be stubborn. How much they resemble people in action!"



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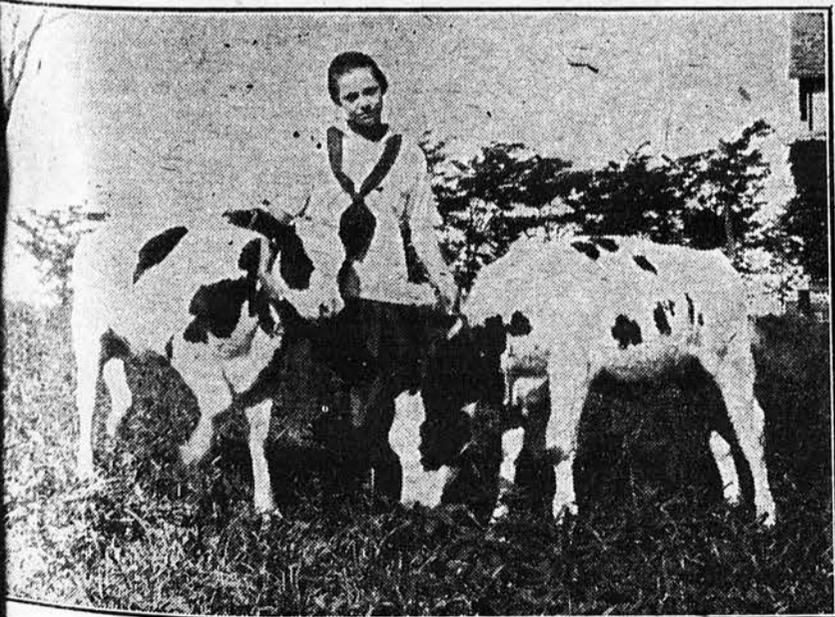
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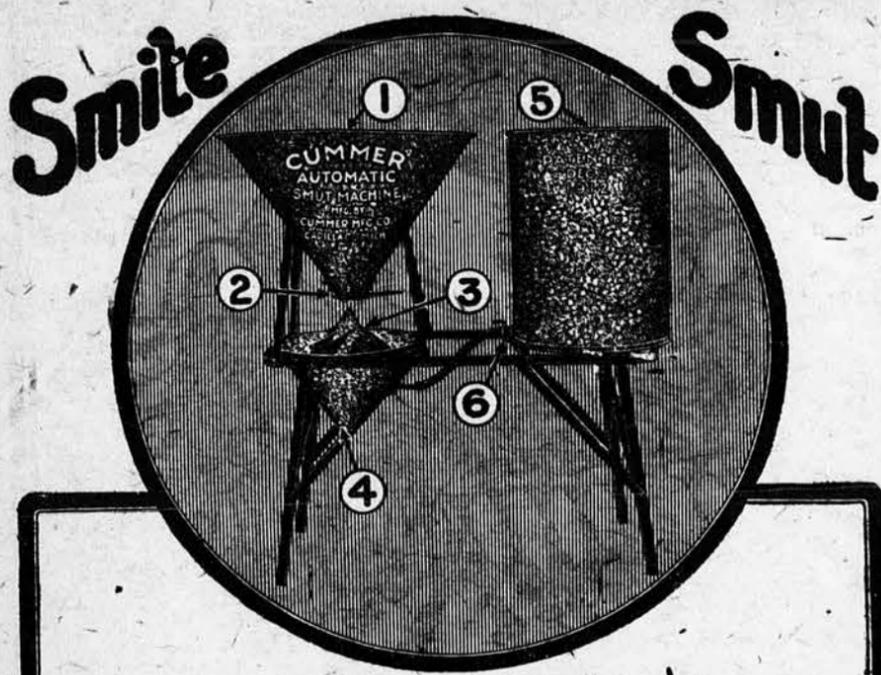
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Jayhawker's Farm Notes

By Harley Hatch

NO RAIN has fallen on this farm for more than a week but today, July 9, we still have a fair supply of moisture left over from the good rain of 10 days ago. But if no rain fell here, a good one did fall within sight of the farm. On the evening of July 5 when I started for the cows a storm cloud came up in the south and seemed certain to come over us. I hurried because I thought a wetting seemed certain but when the big cloud was almost overhead it stopped, hesitated, and then went the other way. I could see heavy showers falling but a short distance away while not a drop of rain fell here.

Good Prospects for Corn

Corn is very promising and has moisture enough in the ground to stand another week or 10 days without harm even if no rain falls. The cool weather which came after July 4 was very welcome; one week of such weather dries the ground less than one day of hot south winds. It was also very comfortable working weather and we plowed corn in comfort for both man and beast in a growth almost as high as the horses' backs. So good a growth had the corn made during harvest that we had to give up 30 acres as being laid by but we got 25 acres of corn and 8 acres of kafir plowed over the week of July 4. An occasional tassel is to be seen in the corn. This means that the critical time for the crop has arrived and we shall watch the clouds with more than common interest for the next 30 days.

Stacking Grain

I am writing these notes one day earlier than usual for tomorrow we expect to begin stacking grain. The oats will be stacked first because they dry more slowly than wheat if wet and they also are more easily injured if wet weather catches them in the shock. Both oats and wheat are entirely free from weeds and the shocks stand up well, which means that an ordinary rain would do no harm. Several threshing machines started yesterday near here and one or two more start today. The grain is in good condition to thresh except that I would not care to put very much of the newly threshed wheat in a large bin where it could not be moved. Despite a dry harvest, the wheat berry still has a large per cent of moisture and if threshed now and a large amount stored together it is almost certain to heat more or less.

Value of Commercial Fertilizer

We harvested a 52-acre field of wheat for a man living in Burlington on which fertilizer had been used last fall except in a few strips thru the field. Judging from these unfertilized strips, I should say that the strip having fertilizer made at least 5 bushels to the acre more. The amount used was 125 pounds to the acre and it cost \$44.50 a ton. Allowing the highest price for hauling the fertilizer from town—12 miles—and also paying the highest wages for the extra work incurred in drilling, it is evident that this commercial fertilizer returned a net profit of at least \$8 an acre. I should set the yield of wheat on this field at 20 bushels to the acre except the unfertilized strips which will scarcely yield 15 bushels. This is an upland field and it has been continuously cropped for probably 25 years and how much longer I cannot say. During that time no manure has been hauled to the field except on a small area. That small portion was manured a number of years ago and it was plain to be seen where it was applied by the better growth of wheat.

Soils Need Improvement

It seems certain that the application of commercial fertilizer will, in ordinary years, quite largely increase the yield of wheat on our uplands for one year, at least. But where wheat follows wheat and all crops are fertilized it seems likely that succeeding applications return less profit. We all know that on our upland soil

wheat following wheat seldom yields as well as when it follows some other crop. That has proved true here this year and even the such fields were fertilized, the fertilizer seemed to have but little effect. This does not mean that such wheat was not good, for all wheat is good here this year, but it does mean that it was not as good as it would have been had the wheat followed some other crop.

Storing the Wheat

Last season there were 12 threshing machines owned and operated within a radius of 5 or 6 miles of this farm. One man owned three machines but he has this spring sold two of them which have left the neighborhood but the place of these has been taken by two more which have been brought in. This should mean threshing machines in plenty to do the work, for the grain this year is very clean and free from weeds and the straw is of just the right size to handle. Last year the 12 machines of which I speak ran very steadily until cold weather before they had all the jobs cleaned up but this year I think they will get the work done in half the time, if bad weather does not prevent. There will be much more stacking than last year for many who have large amounts of grain have no granary room for it and they know to a certainty that the elevators cannot handle half of it. A number are buying the galvanized portable granaries but these are now very costly and most farmers figure that the cheapest and quickest storage they will have is the stack.

Use All of the Manure

But if there is doubt as to the wisdom of using commercial fertilizer year after year on the same ground there can be no doubt as to the profit following the application of barnyard manure. That kind of fertilizer far exceeds in value the commercial kind and the effects last for at least five years on our soil and even longer where the crops are rotated. Wheat especially, responds to manure on our upland and at least three good wheat crops can be raised in succession on manured land so far as fertility is concerned. Last year both manure and commercial fertilizer did harm to all the wheat to which it was applied but such a season as that does not come once in 20 years. For the 1921 wheat crop it would be best to haul the manure this summer and plow it under at once but if that cannot be done it can be hauled and used for top dressing any time between now and next April. The sooner it can be got on the ground the better, for the next crop, but it will do good no matter when it is applied.

Good Prices Offered

Now that the wheat is safe in the shock and threshing machines have begun to operate there is more interest taken in the price. Until the wheat was considered safe, few thought much about price but only of saving the crop; now the price is the main object of interest. Most elevators in this locality seem to be starting with a price of \$2.45 to \$2.50 for good wheat, which means all wheat, for I have seen no poor quality wheat raised this year. Grain dealers expect to take a larger shipping margin this year, so I am told. In a conference of Farmers' Union managers at Salina a short time ago it was agreed that conditions demanded 2 cents higher shipping margin than was taken one year ago. One speaker in the conference suggested that 10 per cent was a fair rate to charge, which seems a little high to me, but in the Union any profits left go to the shippers so a little higher charge is not so much object to them. Many grain men seem to think that prices are higher at the start than they will be in 30 or 60 days, but that later in the year they will be higher again. That is just their guess and in this case one man's guess is as good as another's.

Prompt spreading is important with manure.

Rural Engineering Hints

By C. E. Jablow

TOO OFTEN we associate the thought of destruction and warfare with the idea of explosives. It is a fact, however, that when a comparison is made between the hostile use of explosives with the uses in peace times, the quantity in the former case fades into insignificance. To appreciate this fact it is only necessary for a moment to begin to consider articles in our immediate vicinity that we have on account of the agency of dynamite and other explosives. The hair springs of our watches, our cook stoves and steel sky scrapers were originally mined from the ground in the form of ore with explosives. Our plows, tractors, implements and in fact practically all metals are in the same category. The fuel we use, with the exception of wood, was in most cases brought to us by the use of dynamite. Our tooth powder, talcum in many cases, first started their process of manufacture by the use of explosives. Our railroads have removed impediments and have made large cuts or tunnels by the use of explosives. We could elaborate at great length concerning this great constructive agency, but enough has been said to indicate in a degree the widespread use to which it can be put. If your farm land is clear and contains no stumps or large boulders, if it rains well, if you never expect to fell a plant another tree or to make an excavation for any purpose, if there never will be occasion for removing an old foundation, and if your orchards are doing the best they can for the soil condition, then perhaps you will not be interested in explosives.

Dynamite for Ditching

The chances are you cannot number yourself as one of the particularly well-served persons just described and therefore it will not be amiss to remind you that it is possible to drain saturated or marshy soil and make it productive. Drainage ditches can readily be blasted out in one operation. Of course, it will be necessary to investigate the proper fall so that the flow will be as anticipated. Where the subsoil is impervious, causing poor drainage, it is possible by a few well chosen blasts to cause the movement of soil and water, providing the hardpan is underlaid with a more open soil.

For straightening a stream and preventing washing away of the soil, dynamite is admirably adapted. The advantages cited for dynamite in ditching are, reduction of cost, absence of a large soil pile along the ditch, the little time required, the absence of overhead expenses for equipment, the ability to dig successfully where the conditions are too difficult to dig both large and small ditches and the simplicity of the methods.

For clearing cut-over land, dynamite will generally do the work at a less cost in a shorter time than if horses were used, unless the stumps are small and come out with not a great expenditure of effort. For the planting of fruit trees, many soils will be materially benefited by a charge of dynamite. Even for the rejuvenation of trees that have their roots in a tight soil, a charge of explosives properly placed will be helpful.

It is not my intention here to give detailed directions for handling the different kinds of explosives that are offered on the market or for their use in the different cases that may come

up. The manufacturers of explosives have very helpful literature that they are glad to distribute upon a proper request. When making such a request the purpose for which the explosive is intended to be used should be stated.

Dynamite is a safe article if a proper appreciation for its power is had and if reasonable intelligence is used in its handling and storing. Dynamite that is very old is unfit to use, will not give good results if any, and may be dangerous in its handling. Priming a cartridge long before it is to be used is courting disaster. It also is folly to charge one hole after an adjacent hole has a charge and primer already placed. Carrying a supply of caps along with the explosives while it may be convenient may also hasten the collection on a life insurance policy.

A person who permits himself to handle with utter disregard a few sticks of high explosive is not a safe person to have around. While he may not care for his own life he endangers many innocent people about him. The grading of dynamite is made on the percentage of nitro-glycerine that it contains. The higher the percentage of nitro-glycerine the more caution is necessary in its handling.

There are certain operations in which a slow acting explosive is desired while in others a quick powerful impulse is necessary. The first type tends to move large masses in a body while in the latter a shattering action is had. In order to properly detonate a charge, proper tamping is essential. If a charge is not confined the explosive tends to burn and its effectiveness is largely destroyed. Besides if the explosive burns instead of igniting spontaneously, poisonous fumes will result.

It is hoped that this article will lead some to begin to appreciate the intelligent use of explosives on the farm as there is no doubt in the writer's mind that there are many cases in this locality where it could be used to advantage.

Killing the Grain Insects

Cheaper living apparently is in immediate prospect for a small-sized but numerous part of our population, the insects that infest grain bins. The big wheat carry-over of some millions of bushels, much of it probably infested more or less, and the fact that the car shortage will compel the holding of the 1920 crop on the farm for many weeks all promise to reduce the H. C. L. for the six principal kinds of bin bugs and weevils. To prevent these six insects from enjoying a privilege denied the rest of us, it will be necessary to take two steps to guard against heavy losses; first, to put no new wheat in bins that contain the smallest quantity of old wheat or that have not been thoroughly cleaned; second, to fumigate the bins before cold weather.

It is a waste of time and material to try to kill bin insects when the temperature is 65 degrees or lower. At 70 degrees 1 pound of carbon bisulfide should be used for every 300 cubic feet of space; at 80 degrees temperature, 1 pound should be used for every 400 cubic feet of bin space, and at 90 degrees 1 pound is sufficient for 500 cubic feet of bin space. The bins should be made as tight as possible before fumigating, to prevent the gas

from escaping. If the bins are not sufficiently tight, twice or three times the quantity of carbon bisulfide should be used.

Not more than a pound of the liquid carbon bisulfide should be placed in a container in one place. These containers should be distributed about the top of the bin, as the gas formed with the rapid evaporation of the liquid is heavier than air and sinks to the bottom of the bin. Carbon bisulfide is highly inflammable and explosive and no lights should be used during fumigation, which process should last 36 to 48 hours.

Old bins that have been badly infested should be fumigated before the new grain is put in, as well as after the grain is in. After the period of fumigation the bin should be aired out several hours, by opening doors or windows, before anyone enters the bin. Stacks and shocks sometimes become badly infested. Early threshing of course avoids this, but as going thru the sweat in the bin produces very favorable conditions for the insect, early threshing is not a sure preventive.

Co-operative Banking Law

Farmers of Republic county in attendance at the June meeting of the County Farmers' Union passed a formal resolution demanding that members of the incoming legislature enact and make effective a co-operative banking law acceptable to the State Farmers' Union. It is pointed out that farmers have found the co-operative plan of doing their own business both in buying and selling various lines of commodities to be just and practicable, and as farmers are suffering under the present financial and industrial strain they feel the need of laws which will enable them to do co-operative banking, which is not possible under our present Kansas statutes.

Big Hog Show at Fairs

Nearly half of the pen space for hogs at the Topeka Free Fair has already been reserved, says W. J. Cody, superintendent of the swine department. Two new barns have been added, making 12 in all with a capacity of 432 pens. The closing date for entries is August 30. Breeders who expect to show should make reservations at once, as it may be necessary to reject those who enter late because there will be no place to put the hogs.

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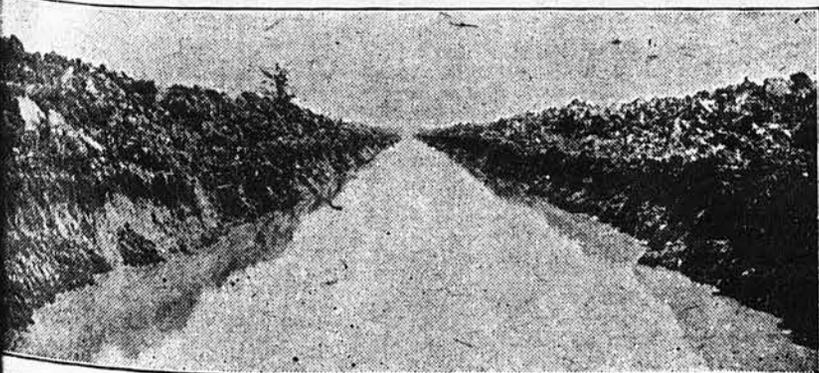
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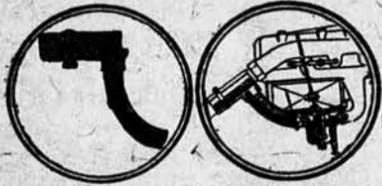
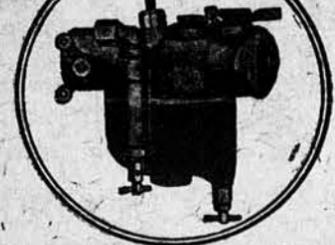
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Here is a Small Stream After the Big Dredge and Dynamite Had Done Their Work. The Kinks were Taken Out and the Overflows Stopped.

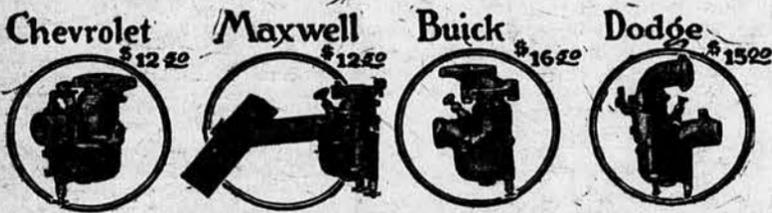
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An Average Kansas Farm

BY C. E. ROGERS

One of the features of the Kansas Free Fair at Topeka this year will be the composite Kansas farm, a prize-winning exhibit shown by the Kansas Experiment station at the International Soils Products Exposition at Kansas City and the International Livestock Exposition last year at Chicago. The exhibit depicts the exact acreage of every crop that an average Kansas farm has, this data having been obtained by dividing the total acreage of every crop by the number of farms in Kansas.

Some of the data graphically shown by the exhibit is contained in the brief resume which follows:

According to the latest census figures there are 177,841 farms in Kansas. The average size of these farms is 244 acres. Based on the figures compiled by the Kansas state board of agriculture, the following acreage of the important crops, and the number of livestock on this average farm are:

	Acres.
Pasture and other unimproved land...	87.0
Wheat	52.4
Corn	36.2
Oats	10.2
Grain sorghums.....	9.2
Alfalfa	6.5
Wild-hay.....	6.2
Forage sorghums.....	3.8
Barley	2.7
Tame hay.....	3.7
Rye6
Millet	1.0
Farmstead, including orchard and garden	12.0
Roads and fences.....	12.5

Total.....244.
Eleven beef cattle, 8 hogs, 5 milk cows, 6 horses, 1 mule, 1 sheep, and 89 chickens, ducks and turkeys.

These figures are based on an average for the five-year period, 1914-1918, inclusive. No attempt has been made to plot a model farm. It simply shows the various fields grouped in such a way that they show the comparative acreage of the crops.

A study of the average size of farms in the various parts of Kansas shows:

	Acres.
Eastern third of Kansas.....	172
Central third of Kansas.....	254
Western third of Kansas.....	487

The following figures show the farm acreages of some of the important crops in Eastern, Central and Western Kansas:

	Eastern third, acres.	Central third, acres.	Western third, acres.
Corn	29.1	43.5	39.1
Wheat	13.0	31.9	102.4
Oats	9.7	11.9	7.9
Barley	2.1	2.1	12.5
Grain sorghum.....	1.1	8.4	26.3
Forage sorghum.....	1.1	3.3	13.7
Alfalfa	6.7	8.3	4.2
Prairie pasture.....	46.1	69.8	200.6

"These figures show a much smaller acreage of alfalfa a farm than there should be," said Bruce Wilson, who prepared the exhibit.

"It is gratifying to note the acreage of sorghum in Western Kansas. However, this should be still larger.

"Grain sorghums, rather than corn, should be grown on the poorer upland soils of Eastern Kansas. Farmers are realizing that the grain sorghums are practically as valuable as corn. There are many farms in Southeastern Kansas on which the acreage of corn should be cut down and that of grain sorghums increased.

"Kansas, because of her reputation for producing wheat, is thought of by men not in close touch with agricultural conditions as one big wheat field. However, this is not true—Kansas is more of a cattle country than many persons think. The figures show a large acreage devoted to the production of feed. Take for example those for the composite farm; 87 acres are in pasture; 17.7 acres are growing hay, 13 acres are in sorghums—the best silage crop grown—and 36.2 acres are producing corn. A total of 153.9 acres or almost two-thirds of the farm is producing feed that should be used there."

Growing the Medicinal Plants

The following Farmers Bulletins on the growing of medicinal plants may be obtained free on application to the United States Department of Agriculture, Washington, D. C.:

- 304. Growing and Curing Hops.
- 551. Cultivation of American Ginseng.
- 613. Golden Seal Under Cultivation.
- 663. Drug Plants Under Cultivation.
- 694. Cultivation of Peppermint and Spearmint.
- 736. Ginseng Diseases and Their Control.

The acreage of alfalfa in Kansas is increasing.

There is an increasing interest in orchards.



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Our prices—always low—are reduced more than ever in this 152-page Sale Book. Borrow your neighbor's copy if you have mislaid yours. See how we have cut the prices of everything—dry goods, clothing, furniture, farm implements—practically every line of merchandise. Act quickly—this

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And always remember our guarantee—"Satisfaction or Your Money Back" applies to everything you buy of us.

See These Startling Price Cuts

Royal Aluminum Set \$4.39
See Page 96 of Sale Book for this big knife value. Complete Set of Royal Aluminum Ware. Costs but a trifle more than an ordinary tea-kettle. 4-qt. tea kettle; 2-qt. sauce pan; 1 1/2-qt. soup or vegetable strainer; 3-cup egg poacher and 1 1/2-qt. pudding pan. Nests into one complete pan white metal. Purest and best aluminum. Shipping weight, 3 1/2 pounds.

"Handy Man" Pocket Knife \$1.32
See Page 71 of Sale Book for this big knife value. Order by No. 46M9613. Fitted with 2 1/2-inch clip blade, a spray blade and a handy punch set that puts a clean, round hole in wood or leather. Superior steel—unexcelled cutting qualities. See handle—riveted on to stay. Length 3 1/2-inches. Shipping weight, 4 ounces.

Women's Brogue Effect Oxfords \$4.99
See Back Cover of Sale Book for this bargain. Order by No. 24M196. Dark Brown Walking Oxfords—sizes, 2 1/2 to 8—widths, D, E, or F. Splendidly fashioned from rich brown kid finished leather. Strong but light in weight, and cool. The vogue in New York and Chicago. Imagine getting this kind of smart, durable footwear for \$4.99 per pair. Shipping weight, per pair, 1 1/2 pounds.

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You have put hard work and good money into your crop. Don't rob yourself of your right profit by selling when the market is lowest.

The Security Granary

Will insure you from fire loss and from damage by rats and mice. And it will save you insurance, storage and hauling expense. The only granary that really ventilates grain. Corrugated sides, 29 times stronger than plain. Strongest roof on the market. With separate rafter frame. Dormer manhole. Double doors. Built strong and good for a life time.

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Metal Products Company, 401 North Ninth St., Salina, Kan. Please send me free Booklet and price, and name of nearest dealer.

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Flag Pins are now being worn by all patriotic American Citizens. Get in line and show your patriotism by wearing one of our Gold Plated, enameled pins which we send for only 10c to help pay advertising expenses. Jewelry House, 141 Eighth St., Topeka, Kan. When writing advertisers mention this paper.

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The E. W. ROSS CO.,
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Ross Ensilage Cutter

Quick action is necessary. You must write at once if you want to take advantage of our Special Offer. And, what is most important, you cannot afford to delay a moment if you want to be sure of getting the most reliable cutter built in time for use this fall.

Ask for full proof of Ross Superiority. No obligation on your part. Write today for the facts in full.

The E. W. Ross Company
519 Warder St., Springfield, Ohio



Kansas Farm News Notes

CO-OPERATIVE livestock reporting service is being worked out by the Kansas State Farm Bureau. It is part of a plan of the American Farm Bureau Federation which is to cover all the Central states. The county agents of Kansas and the state board of agriculture will co-operate. The information will be gathered direct from the farmers and the results will be tabulated and published at the same time in all the states co-operating.

Combine in Clay County

Threshed wheat in the elevator half an hour after cutting was the record made by Henry Dane, a Clay county farmer who operated the only combine harvester-thresher in that county this year. It was quite an innovation. The machine was pulled by a tractor.

Assistant Farm Bureau Secretary

The position of assistant secretary of the Kansas Farm Bureau has been filled by the appointment of R. W. Graham, for six years court reporter in the 23rd judicial district which comprises Russell, Ellis, Trego, Gove, Logan and Wallace counties.

Cut Wide Swath

A swath 21 feet wide was cut by Edwin Benton of Gray county in harvesting his wheat this year. The wheat was rather thin on the ground and had light straw. He used a header and a combine harvester together and thus got his wheat harvested with a minimum of hand labor.

Saving Wasted Wheat

Saving wheat wasted around straw stacks is getting to be an annual stunt with David King of Pawnee county. He is getting ready to make his usual fund. He uses a fanning mill to separate the wheat from the piles of chaff left by the threshers. One year he made \$500 in this way and another year \$700.

Cost Accounts on Beef

Five Jefferson county men have agreed to co-operate with the Jefferson Farm Bureau of that county in keeping cost accounts on beef production this fall and winter. Four of these men, C. A. McCarter, W. T. Edwards, N. W. Everett and C. W. Davis live near Winchester, and J. F. True, the fifth man, lives near Perry.

Sorghum Beats Corn

Keeping cost account records on the different farm crops for the last 10 years has convinced H. C. Porter of Washington county that the sorghums are money makers. The sorghums have made him money every year, while he has barely come out even on his corn. He finds that cane makes practically as good silage as corn and about double the tonnage.

Agricultural Show at Wellington

A big livestock and agricultural show is to be put on in Wellington September 8 and 9. The Shorthorn Breeders' association, the Dairy association, the Sheep Growers' association, the County Farm Bureau and the Wellington Commercial Club are co-operating in the enterprise. Oxford is planning for a similar event September 3 and 4 and South Haven and Anson in November.

New Elevator at Mound Valley

A new elevator will be ready for business at Mound Valley by August 1. It is being built by the Farmers' Union under the county unit plan and is the eighth elevator in Labette county to be built under this plan. The county organization is capitalized for \$100,000 and handled 1 1/2 million bushels of grain last year. The capacity of the new elevator is 10,000 bushels.

Commission Firm Moves

Increasing business has made it necessary for the Farmers' Union Commission company to move to new offices in the Livestock Exchange building. In spite of the fact that there were 100,000 fewer cattle and 400,000 fewer pigs handled on the Kansas City market in the first six months of the year

than in the corresponding months last year, the business of this co-operative firm shows an increase of 36 per cent over the same period last year. In June the Farmers' Union firm handled 125 more cars of stock than in June 1919.

Wheat of High Quality

Wheat this year is of unusual quality say millers and grain men over Kansas. From all over the state come reports of wheat weighing from 60 to 62 pounds and grading No. 1 and No. 2 hard. It is being taken in at county elevators at from \$2.30 to \$2.45 a bushel. The first car of new wheat reaching the Kansas City market sold for \$2.90.

Large Shipments of Produce

Values of butterfat and poultry shipments from along the line of the Chi-

cago, Rock Island and Pacific railroad southwest of Hutchinson, ran into six figures, says N. L. Harris, poultry specialist of the Kansas State Agricultural college, who has recently been making some investigations in that section. During 1919 Mr. Harris finds butter and poultry shipments from Fowler were valued at \$125,000. Three concerns in Liberal handled \$417,000 worth of cream, eggs and poultry during the same period.

Hessian Fly Damages Wheat

Hessian fly damage is being found even in Western Kansas wheat fields, where there has been little trouble from this source in the past. County agent Carl Carlson reports that in Rush county some fields have been injured more than 50 per cent. E. G. Kelly, extension specialist in injurious insect control work over the state, finds Hessian fly infestation in many sections of the state. The first and most important control measure is to plow under all wheat stubble as soon as possible after harvest. This buries the "flax seeds" so they cannot emerge as the perfect insect and lay eggs for the next generation.

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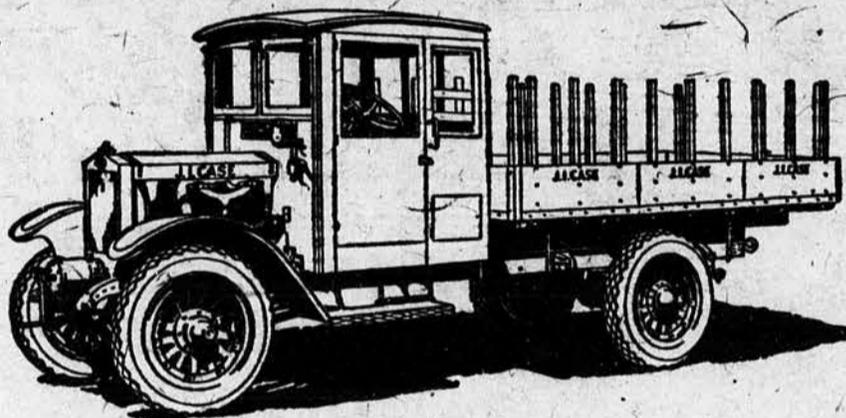
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Simplicity, strength, economy and durability are all found in this important addition to the J. I. Case Plow Works Company line of farm implements and power farming machinery.

The principles of honesty and integrity built into the Case line by its founder, Jerome I. Case, are continued in full measure in this new J. I. Case farm motor truck.

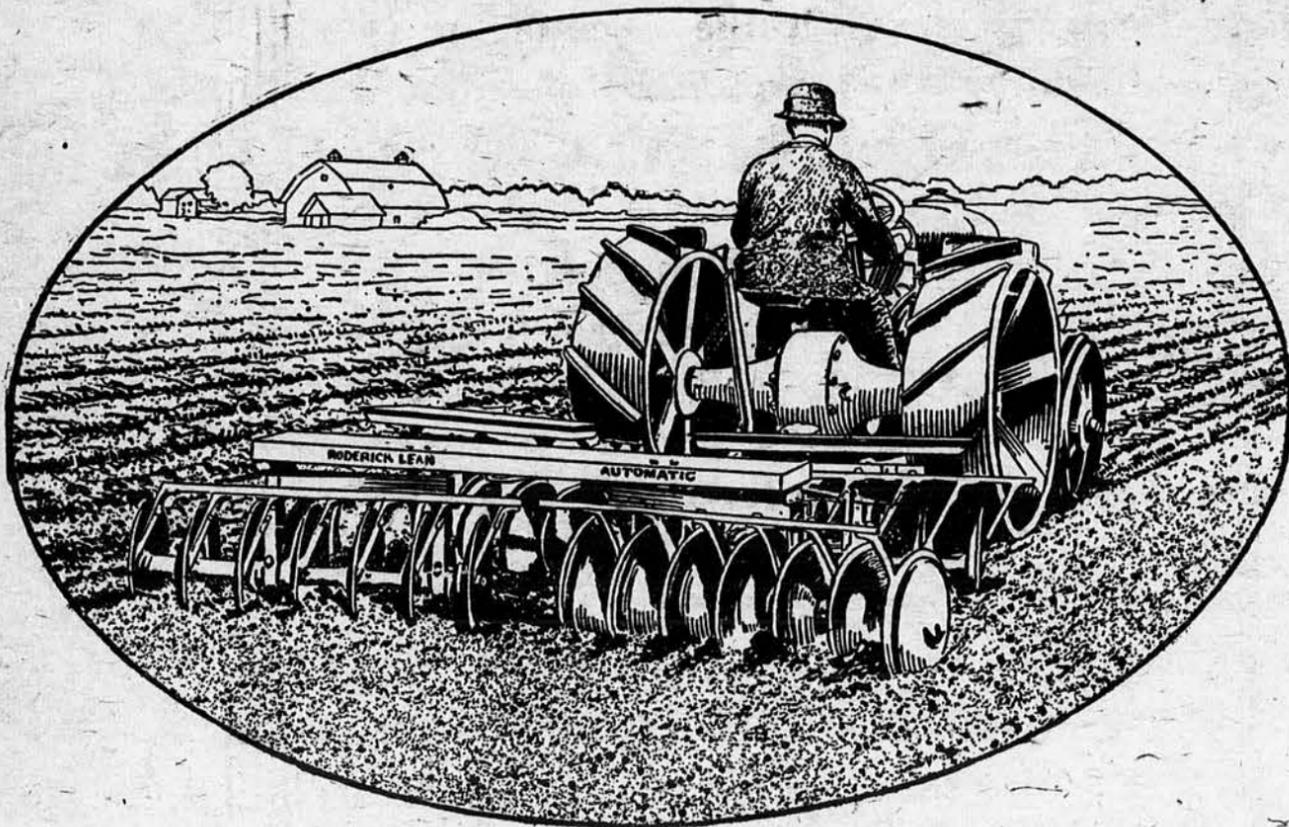
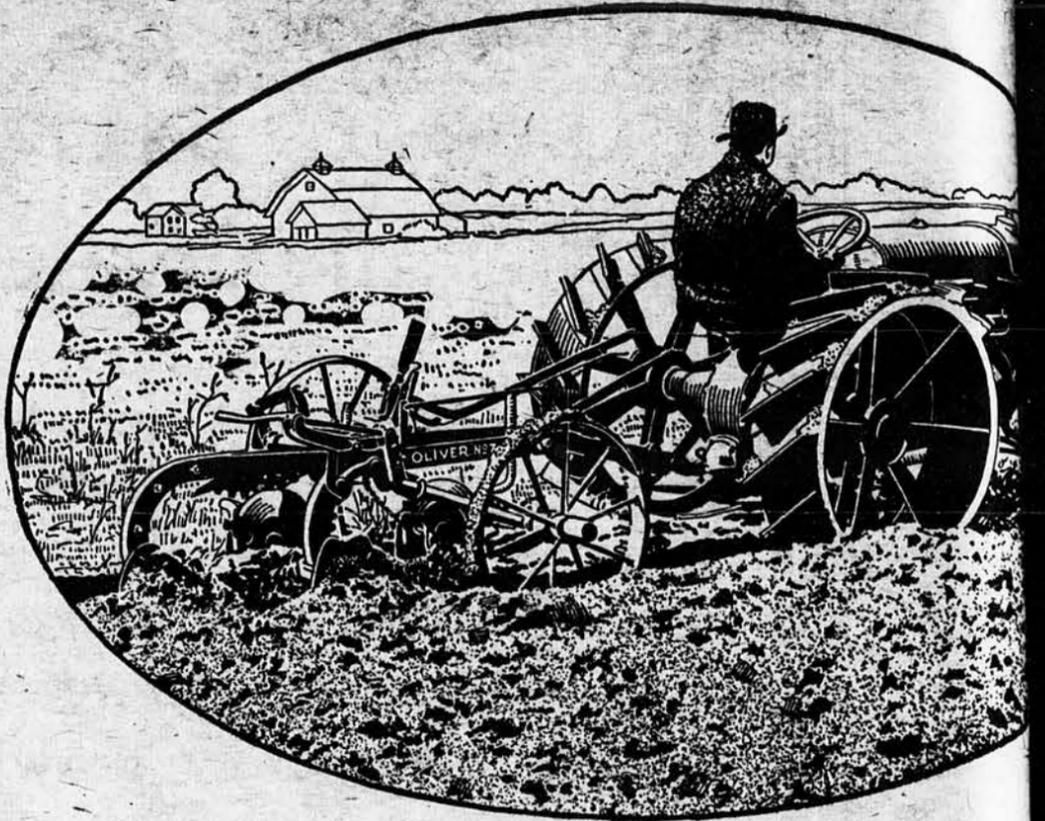
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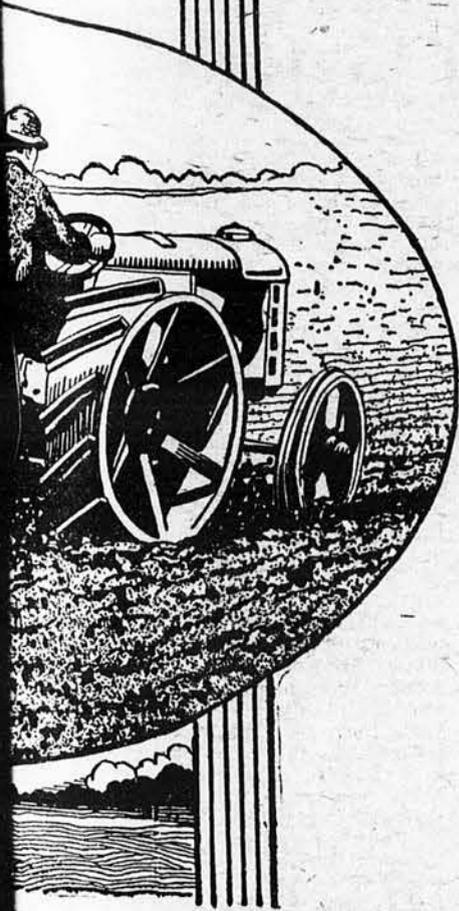
Fordson farming is profitable because it is practical—because the implements are designed for the work which they must do. Whether it is plowing with an Oliver mould-board or disc plow, discing the stubble and the plowed field with the Roderick Lean Automatic Disc Harrow, or seeding with the Amsco Drill—these specially built tools serve best the needs of Fordson farmers.

Throughout the country more than 8,000 Fordson dealers can supply you with these specialized farm implements. The service which they offer you is secondary in value only to the implements themselves, for it is your assurance of the continuous successful operation of your power farming equipment. There can be no costly delays in your farming program with such a nationwide service at your call.

See the Fordson Dealer in your town.

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With the Homemakers

Stella Gertrude Nash
— EDITOR —

The Dishes Will Dry Themselves Where a Drainer is Used

WHEN someone speaks of the dish drainer we often think of an appliance that can be used only where there is running water for household use. That is not necessarily true for this apparatus fits practically into the work of the home that does not have a water system.

If I were asked to state my idea concerning the most important labor saving advantage of the dish drier I would not hesitate to say it is the fact that there is a reduction in the number of dish towels that must be laundered every week. Dish towels add greatly to the work of wash day and any apparatus that will reduce the number will be received enthusiastically by the majority of homemakers.

Dish drainers save a lot of time, too, and that is a big point in their favor. These driers are large wire racks that rest in dripping pans or on the drain-board at the sink. They stand on legs a couple of inches high so that the dishes cannot reach the water that is poured over them. Racks of sizes to accommodate dinner plates, pie plates, cups and saucers, vegetable dishes and glassware are arranged in rows. As the dishes are washed they are placed in their respective racks and when the drainer is full scalding water is poured over them. If one has a kitchen sink the drainer can be set under the faucet and the water allowed to pass over but if this is not possible one can pour the water from the teakettle.

The dishes are allowed to stand a few minutes and they dry by evaporation. It is surprising what a smooth, glossy surface is left. While these dishes are drying another rack full can be washed so they can be placed in the drier as soon as it is emptied. The racks are large enough to hold all the dishes for an ordinary sized family, but for a large number of persons it is necessary to fill it more than once.

I have talked with a number of farm homemakers recently who use the dish drainer and consider it a great labor saver. Mrs. Barney Langham near Atchison and several of her neighbors use it. Even the Mrs. Frank Hensley does not have a water system in her home, she uses one. Mrs. Hensley says that somehow her dishes seem more sanitary than when she dried them in the old way with tea towels.

The homemakers who use dish drainers might be said to have joined the ranks of those who say:

Save your towels, let every germ
In scalding water writhe and squirm.
Mrs. Ida Migliario.

Saving the Table Linen

How can I save my good table linen? That is the cry of today's homemaker because real linen is so high that she

cannot afford to replace what she has. Perhaps the cheapest substitute is unbleached muslin. That may sound strange for table linen, but it is surprising what attractive sets can be made from this material. One can buy unbleached muslin 54 inches wide for 65 cents a yard, and 72 inches for 80, and 85 cents. There is also a little finer grade selling at \$1 a yard.



This Housewife Finds Dishwashing an Easy Task with the Drier, the Sink and the Tea Cart to Help Her.

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Busy homemakers do not have a great deal of time in which to do embroidery but fortunately this material works up prettily in simple cross-

stitched edges or hems. If one has a hemstitching attachment for her sewing machine, a double hemstitched hem will not only be attractive but it will be serviceable. The ecru shade of the unbleached muslin combines well with a touch of delft blue, or coral. By cross-stitching or hemstitching with thread of these colors one secures a color note for the dining room that is pleasing. The other day I saw an unbleached

muslin set which had been stamped in a basket design and worked in harmonious colors. The napkins were made to match and the table was most attractive. Another practicable thing about the unbleached muslin is the fact that it improves in appearance with washing.

Following close to the unbleached muslin in popularity is the red, blue, and yellow cotton damask. It has been a number of years since these checked tablecloths were popular, but they have been coming to the front for

a year and now they are being used quite generally. This material comes in 64-inch widths at \$1.25 a yard.

Indian Head is another material that is taking its place on the dining room table. Its wearing and laundry qualities are the points that are strong in its favor. The 54-inch is now selling for 85 cents a yard.

A practicable material that is somewhat new, is sanitas cloth. This is on the order of oilcloth and is made up in two styles. One can purchase a 45-inch piece at \$3, or a set at \$2.50. This material does not have to be washed but can be wiped with a damp cloth. By using paper napkins with it the laundering of table linens need not cause much concern.

Japanese sets that are attractive and not difficult to wash, come in several sizes. One with a cloth 48 inches wide sells for \$2.95; 60 inches for \$3.95 and 70 inches for \$4.95. The design on these sets is worked out in blue and white. Mercerized tablecloths cannot be listed with the new materials, but they are playing a prominent part in acting as linen savers. Any one of these materials is serviceable and will help the homemaker solve her problem. Mrs. Ida Migliario.

Has Good Luck With Corn

I can a good deal of corn and seldom lose a can. This is my recipe: Select corn that is just between the milk and the dough stage and prepare as for the table. Blanch in boiling water 5 to 7 minutes, remove the ears and plunge quickly in cold water. Cut the corn from the cob and scrape it. Pack well in glass jars to within 1/2 inch from the top, add hot water and a level teaspoon of salt to each quart. Place the rubber and cap in position, not tight, and boil 4 hours in a hot water canner, 1 1/2 hours in a water seal outfit, 1 hour under 5 to 10 pounds of steam pressure, or 40 minutes in a pressure cooker.

I use an ordinary lard can with a false bottom. This can holds 7 quart cans and each can holds seven large ears of field corn or 12 ears of sweet corn.

Mrs. Agnes Copenbarger,
Sumner Co., Kansas.

Sunny Hill Club is Social Center

IT IS with pride that a body of women living in the country north of the little town of Effingham, in northeastern Kansas, claims the honor of organizing the first club in their part of the state, exclusively for farm women. The name of this club, now in its ninth year, is the Sunny Hill Thimble club, named in honor of the school in the district in which it originated. It was organized chiefly to enable newcomers to become acquainted, and to give every woman in the neighborhood an opportunity to meet not one, but all of her neighbors frequently.

The rules made at the time are with a few slight changes still in force. They are that the club be named in honor of the school district, the officers to be a president, vice president and secretary, with no dues, assessments, initiations, or secret work. Every woman and her grown daughters in the district are considered members.

The club meets every alternate Thursday afternoon, with one of the members. Every woman takes her thimble and is prepared to do her share of any work provided by the hostess, who in turn serves refreshments of not more than three things.

It was later decided to allow those living near the edges of the district to come in by a majority vote. There

are at present two from the town district, one from Maple Grove and 12 from Forest Grove who with the Sunny Hill members make an enrollment of about 38. The work is anything the hostess wishes done, which may be hemming tea towels, sewing rags, quilting, "snooting" gooseberries, or even "teasing" wool, something new to the younger generation.

During the war the work was changed to Red Cross work. A captain from Effingham, the nearby town, always was invited and under her directions all of the various articles needed by the Red Cross were made in the club. Every member also contributed a dollar and the club's French orphan was Jean Miguet, a 6-year-old boy. When the emergency call for linen was sent out it took just 3 hours to reach every member and to report 61 pieces, seven of them sheets, to headquarters. The organization has become so perfect that a meeting can be arranged or changed in 30 minutes.

Several pretty customs have been adopted. One is that every young lady who marries is given a silver thimble by the club. A married member leaving the club district is given a quilt.

Refreshments vary with the season. During berry time berries, cream and cake are served; ice cream and cake during the summer months, changing

to fruit salad or pineapple frappe and cake in the early fall. There are sandwiches, pickles, cake and coffee during the winter months. Several all-day meetings are held during the short days of winter. In order that the work for the all-day meeting may not be too strenuous for the hostess, the secretary prepares slips containing the names of various dishes and everyone draws one, prepares what it calls for and takes it as her share of the dinner. These dinners are veritable spreads served cafeteria style. One of the menus was baked, fried and pressed chicken, boiled ham, sweet potatoes, mashed potatoes and gravy, five kinds of salad, cream cabbage slaw, sweet and dill pickles, celery, apple, cherry and June-berry pie, three kinds of cake, preserves, cheese, coffee and cream.

Probably the thing the club prides itself on the most is that there never has been the least friction or ill feeling among the members. They have become as one big family in meeting one another twice every month for nearly nine years.

The men folks whose wives and daughters belong to the club come in for the 11:30 dinner on club days. They help dress the babies, and hitch up old Nell or get out the car, or if the weather is bad, they take "mother"

all of the way, often making a second trip back for her. Babies are not barred from the meeting, and the mother whose baby is a good mixer is in luck for it is difficult to tell just whose baby is whose. They are the club babies for the day. It makes all of the members swell with pride to know that at the first Better Babies day at the county seat town, two of the three babies scoring best were Thimble club babies, while at a local meeting of the same kind, first place went to a Thimble club baby.

The attendance averages in the twenties of grownups with during the winter months a goodly number of little folks under school age, although there are often more than 40 at a meeting. If the hostess has a musical instrument a number of the members who are talented musicians give an impromptu program. No great attempt is made to provide a program. The women have come to see their hostess and their neighbors and to visit and that they do full and plenty. The hostess has the privilege to invite outside friends and in this way many town women have been guests of the club and they almost invariably remark that if they ever moved to the country it would be to the Thimble Club district.

Mrs. C. M. Madden,
Atchison Co., Kansas.

Women's Service Corner

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

Shoes Made to Order

Will you please tell me where I can get shoes made to order?—A Subscriber.

I suggest that you order your shoes thru a shoe dealer in the town nearest you. Most shoe dealers will order them for customers. That is the best way to get shoes to fit, as of course a shoe salesman is better able to take measurements correctly than a person who is not accustomed to doing it.

When Are Young Folks of Age?

When are a boy and girl of age in Kansas? I am 18 years old. Would I have to have my parents' consent to take a nurse's training course?—Louise D.

Boys and girls are not of age in Kansas until they are 21. Most hospitals prefer that girls be 21 years old before beginning the nurse's training course. If you did begin the course before your 21st birthday you would have to have your parents' consent.

Wishes Feather Mattress Made

Can you give me the address of a firm that makes mattresses from feathers?—E. B.

You can get feathers made into a mattress at the William Schick Mattress Company, 2d and Jackson, Topeka, Kan. It takes about 30 pounds of feathers to make an ordinary sized mattress.

From a Worried Mother

Are my girls of 13 and 16 too young to go with boys? If I do not permit them to go until they are older will they be likely to marry sooner than they would otherwise?—A Mother.

A girl of 13 is much too young to go out with boys. A girl of 16 may be allowed to have occasional boy company but she should not stay out late and you should be very careful that the boys are the right sort. There are too many other ways for a young girl to enjoy herself that it isn't necessary for her to go with boys in order to have a good time. Whether or not she will marry sooner if she is not allowed to go with boys while she is very young depends upon circumstances and whether she meets someone for whom she cares. I am thoroughly convinced, however, that the older a girl is the better able she is to choose the right kind of a husband.

To Remove Blackheads

Can you give me a remedy for blackheads?—N. M. N.

Use green soap for removing blackheads. This soap is really yellow. It comes in a small jar in a pasty form and can be bought at any drug store. Bathe the face in warm water, not too hot but so the heat will be pleasant to the skin. Apply the green soap and rub it well into the pores. Rinse the soap from the face with warm water, using a camel's hair brush so as to remove all of it and as many of the blackheads as will come. Then use cold water until the face is thoroughly cool. Wipe the face thoroughly, all the skin with cold cream, let it remain 1/2 hour, then wipe off any that is superfluous with a soft cloth. Continue this treatment every night until the blackheads have disappeared.

Good Manners at Table

Ease and good breeding are nowhere more indispensable than at the table, and their absence is nowhere more apparent. One can discern at a glance whether a person has been trained to eat well, to hold the knife and fork properly, to eat without the slightest sound of the lips, to drink quietly, to use the napkin rightly, to make no noise with any of the implements of the table, and to eat slowly, thoroughly masticating the food. All these points should be most carefully taught to children. Then they will feel at ease at the grandest table in the land.

The knife never should be used to carry food to the mouth, but only to cut it up into small bits. It should then be placed upon the plate at one side, the fork taken in the right hand and all food eaten with it. Soup is served at the beginning of the meal. It should be eaten with a soup spoon and taken from the side, not the tip, of the spoon, without sound of the lips. Bread or crackers should not be broken into the soup. A cracker

should be held in the left hand and eaten from the fingers.

Bread should be buttered as it lies on one's plate, or but slightly lifted at one side of the plate. We have all seen it buttered in the air, and held up with the marks of the teeth on it. This is not pleasant; and courtesy to others is the essence of good table manners. It is better after buttering the bread to break it off a bit at a time with the fingers, or to break it with the teeth instead of leaving a semi-circle at every bite.

Cream cake and anything else of similar nature which is difficult to handle should be eaten with the fork instead of from the fingers. Spoons are sometimes used with firm puddings, but forks are better. Berries are eaten with a spoon.

When seated at the table unfold your napkin and lay it across your lap. Do not tuck it into your collar like a bib. If one is given a napkin ring the napkin should be folded after the meal is over and put thru the ring.

If a course dinner is being served and the dishes are to be carried away at the end of a course, the knife and fork should be laid side by side across the plate with handles toward the right hand.

If you must cough or sneeze at the table cover your mouth with your napkin or hand. It is worth while to know that a sneeze may be stifled by placing the finger firmly upon the upper lip.

Children should be taught all these points as carefully as they are taught reading and writing.

Margaret Pilgrim.

Smart Skirt and Dress

9354—Child's Rompers. A simple motif in cross-stitch adorns the front and a scalloped edge can be given to the neck, sleeves and pockets. Sizes 1, 2, 4 and 6 years.

9697—Ladies' Long-Waisted Dress. The full gathered skirt is topped with a fitted waist. A panel drops from the shoulders at the back and tucks up



under the belt at the waistline. Sizes 36, 38, 40 and 42 inches bust measure.

9717—Ladies' Two-Piece Skirt. Having the lower section applied in the way shown results in a new trimming feature and pockets besides. The upper section is gathered. Sizes 26, 28, 30 and 32 inches waist measure.

These patterns may be ordered from the Pattern Department of the Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 12 cents each. State size and number of pattern.

String Bean Salad

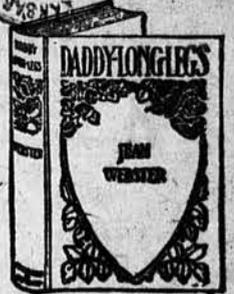
Add 2 hard boiled eggs and a small onion to about a pint or 1 1/2 pints of cold, cooked string beans cut into small pieces. Mix with mayonnaise dressing.

Mrs. J. B. Fridley.

Kansas needs more modern country schools.



BOOKS
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350 Pages



GOOD BOOKS
Not The Cheap, Trashy Kind

This list of Copyright Fiction has been selected for readers of Kansas Farmer and Mail and Breeze because they have proven the greatest successes of recent years. You will here find the best books of the best authors; books that have made history and established records; books you have always wanted to own; books you cannot afford to be without; because you can get them almost free. Start a library in your home with Kansas Farmer and Mail and Breeze books. The books are substantially cloth bound in colors and contain about 350 pages; finely illustrated.

Do You Love Dogs?

Then "Kazan" the story of a wonderful dog of the North by James Oliver Curwood will hold you spellbound. "Kazan" because of a bit of wolf blood in his veins feels the weird call of the wild and can hardly resist its influence. He is a terror among other dogs and a menace to men, and only his mistress can manage him. For her and her alone he remains among civilized people. He saves her from worse than death. His life is full of hardship and sorrow but the good in him comes out at last and wins him a place at a happy fireside. The story is full of the weird call of the Northland, with its witchery and danger.

Other Curwood Books

- The Danger Trail
- The Flower of the North
- Kazan
- Isobel
- The Grizzly King
- The Hunted Woman

Daddy Longlegs
By Jean Webster

This is an appealing, unforgettable story of "Judy," who grows up to the age of seventeen in the John Greer Home for Orphans. Then a wealthy unknown, in reality one of the directors of the home, sends her to college, with plenty of pretty clothes and pocket money, and Judy takes to good times and culture with all the enthusiasm of an intense young nature.

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By Booth Tarkington

No one but this author could have conceived and portrayed so intimately and inimitably the love-lorn Willie Baxter and the shining Lola Pratt, to say nothing of Jane—the Immortal Jane, l'enfant terrible and Genesis, owner and sometime master of the dog, Clematis. Beyond question the funniest book of our generation.

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By Zane Grey

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against the cruelty, subtle cunning and savage fierceness of the beasts of the jungle and wins out to become Master of them all. Readers of the Tarzan series will be delighted to learn that they can obtain the following books thru Kansas Farmer and Mail and Breeze.

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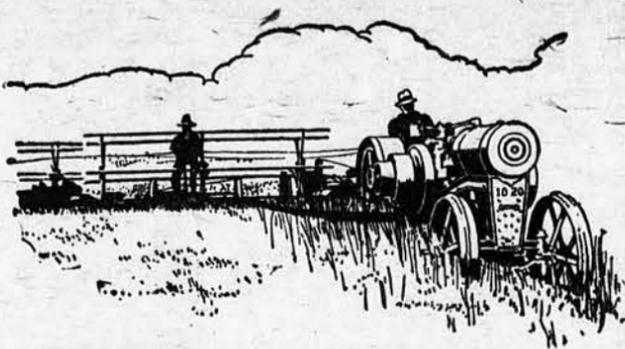
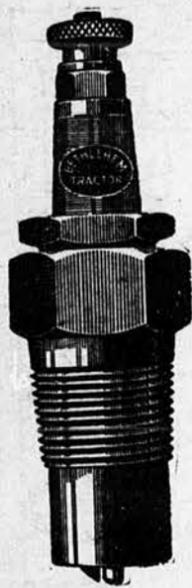


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Enclosed find \$1.75 for which send me Kansas Farmer and Mail and Breeze for a term of one year and send me book..... prepaid as per your special offer.

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WITH the present scarcity of labor, and considering what you have to pay for it, idle tractors, made idle by poor spark plugs, cut down your yield—and profits.

Bethlehem Spark Plugs keep your tractors IN the field and OUT of the repair-shop. For they are heavy-duty plugs, especially built for tractor work, with a knowledge of what a tractor plug must do.

Bethlehem Automobile and Truck Plugs are also especially designed to wring the last ounce of power out of your motor-fuel.

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They couldn't afford to go wrong. Neither can you. Write for free copy of "Hit or Miss?", which tells what you ought to know about spark plugs.

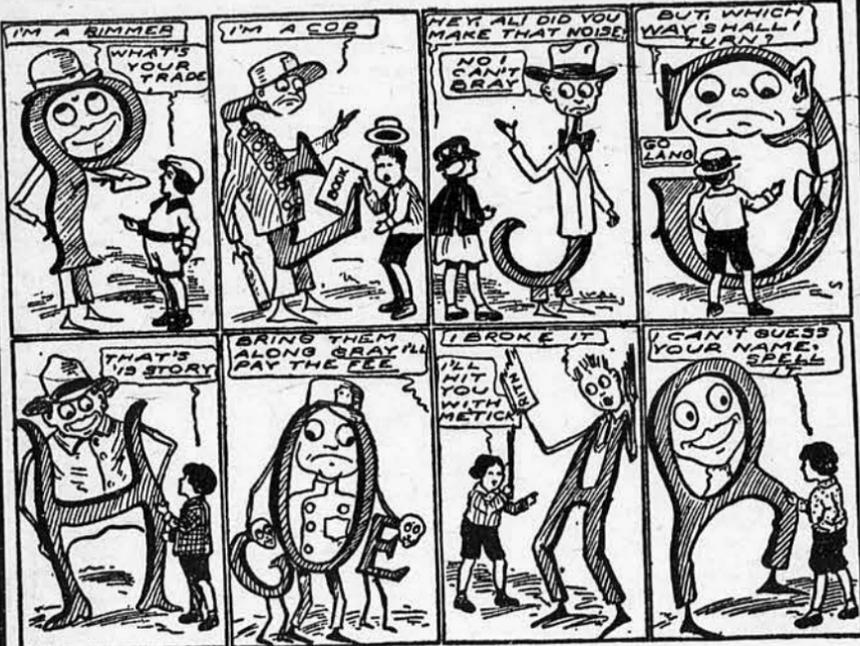
BETHLEHEM SPARK PLUG CORPORATION
E. H. Schwab, President
Bethlehem, Pa.

Bethlehem

SPARK PLUGS

"They Pull You Through"

Answer Puzzle—Get a Prize



Names of Eight School Books Are Hidden in This Picture

Can you answer this puzzle? Here's one that will bring back your school days. You should be familiar with these books, having studied your lessons from them. Can you name them? Take your time in solving the puzzle—be sure you are right. With the answer to this puzzle you will be entitled to a prize and the opportunity to participate in the distribution of \$500.00 in gold given away free. Your solution must be mailed at once to the address below.

PUZZLE MAN, DEPARTMENT 900, TOPEKA, KANSAS

Farm Home News

There have been few exchanges made on this farm that have brought more satisfaction than the exchange of a pony with too much life for one with less. The first pony was not suitable for young children with little practice in riding. The one with less spirit but with the ability to go is a source of pleasure. The mile trip for the cows has not meant a tedious walk. Errands to distant fields have been cheerfully undertaken and older people have been saved many steps by the children and their pony. We can think of few investments for children that bring as much to the whole family as the purchase of a good pony. In caring for it they learn many of the lessons they need to know about horses. Every farm boy and girl should know how to harness and hitch up a horse; how to make a saddle knot; when to give a drink to a warm horse and how to feed the same. We venture to say, however, there are many women who couldn't fasten a saddle securely if much depended on it. The car has come to take the place of horses as a means of travel for most women, but there are countless tasks that are unsuited to a car and for which a horse is fitted. Those who would reward their children for willing help should think more than once of a good pony.

In one farm home, the purchase of a good pony has been the source of considerable profit for the children. The pony's colts belong to the children in turn. These, being of unusually good stock, have been trained by the boys and sold well.

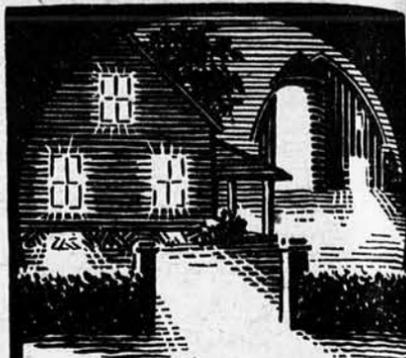
On most farms, chickens are beheaded by use of the axe. Few have tried sticking the chicken in the most approved way. When the axe has done its deadly work, the chicken's head often is left in the wood pile and the chicken taken to the house. Those who would be certain that no decayed meat is lying around to cause limberneck should take the head to the house and burn it. Dead snakes have been known to cause the death of a number of chickens. Dead rats or little pigs may be a danger unless they are burned. Those who live along creeks or streams that overflow often have lost chickens as a result of their eating decayed animals that were left by receding water.

Two readers have written asking for suggestions as to what college they would best send their girls. This is a subject on which a stranger to the girls can give only general advice. Much depends upon what the girls wish to do when thru college. Some colleges and universities offer more in domestic science, for example, than others. Much depends, too, upon the funds available. Living expenses are higher in some college towns than in others. It is often true that it costs more to live in a town where there are many students.

"Would you ask a boy or girl to earn his own way?" one asked. Not if we could help it. Those who go from country schools thru high school to college have, as a rule, much hard work to do to keep abreast with those whose early training in study was better. Real good college work is enough for most boys and girls. If we could afford to send the young graduate to college, but desired him to learn something of the value of money, we would let him earn his luxuries. The necessities we'd provide, if we could.

There are some points we would consider in selecting a college that we thought little about when younger. If possible, we would attend a college in the state in which we intended to live. One of the best results of four years in college is a number of good friends. This is the age when it is possible to make friends that remain such the remainder of one's life. To make the most of such friendship it must be possible to keep in touch with those friends. In whatever town the student may go, he finds some friend or acquaintance; in whatever business or profession he may enter these friends prove their value socially or otherwise. To have such friends in one state and live far distant in another is a constant source of regret. To have them in the state where one lives makes the state a real home state.

Mrs. Dora L. Thompson,
Jefferson Co., Kansas.



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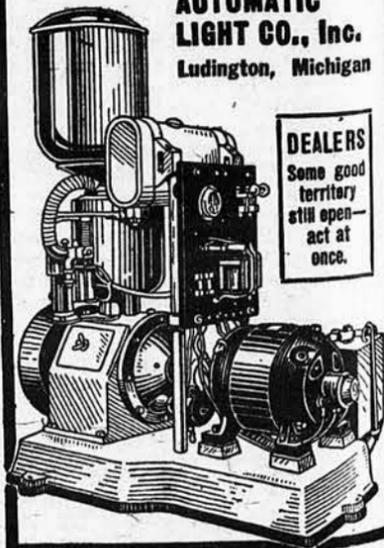


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Ludington, Michigan



DEALERS
Some good territory still open—act at once.

Health in the Family

BY DR. CHARLES H. LERRIGO

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

The Itch

By request of R. M. F. and several other readers the following article is reproduced from our issue of April 24: I have been rather surprised at the number of persons who have written to me about treatment for the itch or scabies. Before the war itch had become rather uncommon. It would seem that the returning soldiers must have brought back some of this infection, though it was not the itch-mite but the body louse that caused the great unpleasantness of life in the trenches.

"Many persons write me saying that the regular sulfur treatment does not cure their cases. I think this is because proper preparation is not made for its application. In order to kill the itch-mite, the ointment must reach it, and it cannot do this unless all scabs and crusts and dirt are scrubbed away.

"Let the first step in the treatment be vigorous rubbing of the entire body, except face, with green soap. Be especially particular to rub between the fingers and around all the bends and joints of the body. Rub thus for 20 minutes.

"The second step is a hot bath for 10 minutes, continuing the rubbing with soap and brush.

"Next dry the body with a rough cloth, rubbing vigorously. After that apply the ointment to the entire body except face and scalp. This should take about 15 minutes, so that it may be rubbed in well.

"The strength of the sulfur ointment must depend upon the patient. Some persons are very susceptible to its influence and their skins are easily irritated. In such cases the strength must be reduced.

"After the patient is anointed he should put on a clean suit of underwear and socks and this underclothing should be worn day and night until treatment is complete.

"If the ointment has been rubbed in thoroughly it will only need one daily application for each of the two following days. At the end of four days take a shower bath with castile soap and hot water. Dry comfortably and then dust the skin with starch powder.

"Now be sure that all clothing that is put on is thoroughly sterile. Also be very particular about the bedding. Clothing that cannot be boiled can be sterilized by baking. This treatment, if properly done, is a sure cure.

"It happens, sometimes, that patients get an overdose of sulfur, causing so much irritation that they think they are still troubled with itch. The remedy for that is to stop treatment and apply a healing ointment."

Ear Trouble

I have been troubled with ear ache since I was a child and have tried every remedy ever heard of but can find nothing that seems to do much good. My ear nearly always itches, breaks and runs pus from the inside. It isn't just common ear ache but seems to be more severe. Could you suggest something?
S. E. H.

In so important a matter you should get the benefit of the very best ear specialist and not trust to home remedies. It seems likely that the long continued suppuration has affected the only processes of the middle ear. To remedy the matter will need operative treatment, perhaps. But you must not neglect it, because it is quite possible for such infection to spread to the mastoid cells and cause a fatal termination. So lose no time in submitting our case to the best ear specialist available.

E. W.:
A letter of so confidential a nature is better answered by personal reply. I think that you are pregnant and that many of your symptoms can be relieved by wearing a proper abdominal supporter or maternity corset.

Mrs. J. A. G.:
It is regrettable that there is any

necessity for weaning your baby when 4 months old. I suspect that the trouble may have been due to incomplete emptying of the breasts at each nursing.

Perhaps, it is not yet too late to see how the baby will get along after you have pumped the breasts quite dry and allowed them to fill again. A breast that is not properly emptied does not receive the stimulus to make milk and as it decreases in amount it also lessens digestibility.

If nothing will do but artificial food I think you should begin with modified milk. If there is any disposition to looseness of bowels, boil the milk or add barley water. At the age of your baby, I think you should be able to begin with half milk and half barley water. Every week increase the milk and lessen the water by half an ounce.

It is no use to specify exact formulas for babies of certain ages. You must make your formula fit the baby. There should be three hours between feedings, and very soon the interval should be lengthened to four hours.

The Place of Rest

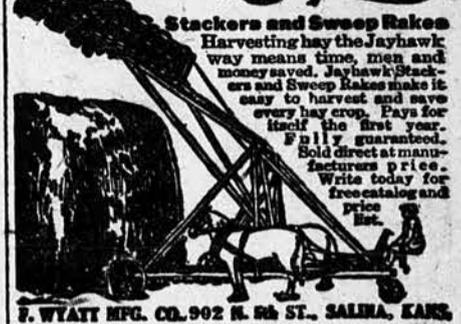
The country is covered with beauty,
A haven of quiet delight,
A place where the tired soul may rest
And turn again to the light;
She puts new strength and vigor
Into the lives of men,
Her peaceful, cheerful silence
Bids the faint take heart again.

The sun's rays speak of courage,
As they shimmer and dance and gleam,
Over the spreading meadows,
Bathed in the sun's bright beam;
The dew sprinkled flowers give freshness
To every soul they meet,
And teach in their silent wisdom
A life that is pure and sweet.

The parting rays now steal away
And instill in every soul,
Hope that is high, and faith that is sure,
As he faces again the goal;
The mists settle down, the day fades away,
The country has given her best,
She has promised new hope to a world-tired soul,
And offered her blessing of rest.
—Rachel A. Garrett.

A greater effort is needed in employing married hired men on farms.

Stack Your Hay The Easiest Way The Jayhawk



Stackers and Sweep Rakes Harvesting hay the Jayhawk way means time, men and money saved. Jayhawk Stackers and Sweep Rakes make it easy to harvest and save every hay crop. Pays for itself the first year. Fully guaranteed. Sold direct at manufacturers price. Write today for free catalog and price list.

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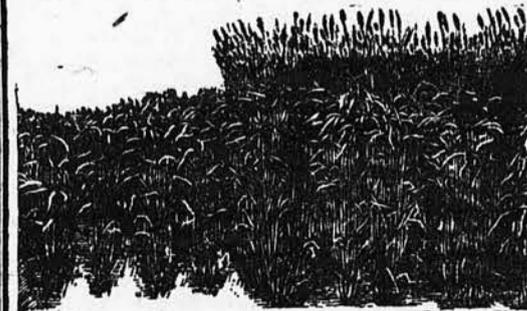


Fertilized Wheat Grows Faster



Fertilized Unfertilized

Fertilized Wheat Ripens Earlier



Unfertilized Fertilized

EVERY DAY at the end of the growing season counts—and counts big! Dry weather and hot winds may set in at any time and shrivel up the kernels before they ripen. Five or six days gained when the wheat is turning may make the difference between a full crop and a half crop.

Fertilizer helps you gain those extra days. It provides the plantfood needed for heavy fall top-growth which holds the snow and protects the wheat against winter injury. It makes strong roots, which start the plants off quickly in the spring and make rapid growth possible. Fertilizer provides the ammonia needed for rapid growth of stems and leaves, and the phosphoric acid needed to fill and ripen the heads.

Send for our booklets, "Fertilizer Saves Farm Labor" and "What Fertilizer Shall I Use on Wheat?". Also ask for one of our Automatic Formula Finders which helps to select the right fertilizer for every crop on the farm. These are free for the asking.

"High Analysis" Fertilizers for Wheat

One of these will fit the conditions on your farm
The figures represent percentages of ammonia, available phosphoric acid and potash, in the order given:

Where manure or legumes have not been used and the soil is deficient in Ammonia. For all late seeding.	Where manure or legumes have been used and the soil contains sufficient Ammonia to assure rapid growth.
2-10-4	Sandy Soil 0-12-4
2-12-2	Loam Soil 0-12-2
2-12-0	Clay Soil 0-16-0

Be sure to send for our free Automatic Formula Finder

SOIL IMPROVEMENT COMMITTEE of the National Fertilizer Association

CHICAGO 1766 Lumber Exchange Bldg. BALTIMORE 1066 Stock Exchange Bldg.

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United States Senator Arthur Capper, Publisher

The regular subscription price of Capper's Weekly is \$1.00 a year. On account of the coming Presidential Election we will send the paper from now until February 15, 1921, for only 50 cents. United States Senator Arthur Capper, the publisher, is in Washington and gets the news of the Nation's Capital first hand. The 1920 Presidential Campaign, no doubt, will be a lively one. Capper's Weekly is keeping its readers advised in all the news of the day.

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A new serial will begin at an early date and is the liveliest and most thrilling story the Weekly has ever published. This story in book form would cost you \$1.75. You can read this story in Capper's Weekly by sending only 50 cents which will pay your subscription from now until February 15, 1921. Mail the order blank today.

Capper's Weekly, Topeka, Kan.
Enclosed find 50 cents for which please send me Capper's Weekly from now until February 15, 1921, as per your special offer. M.B.

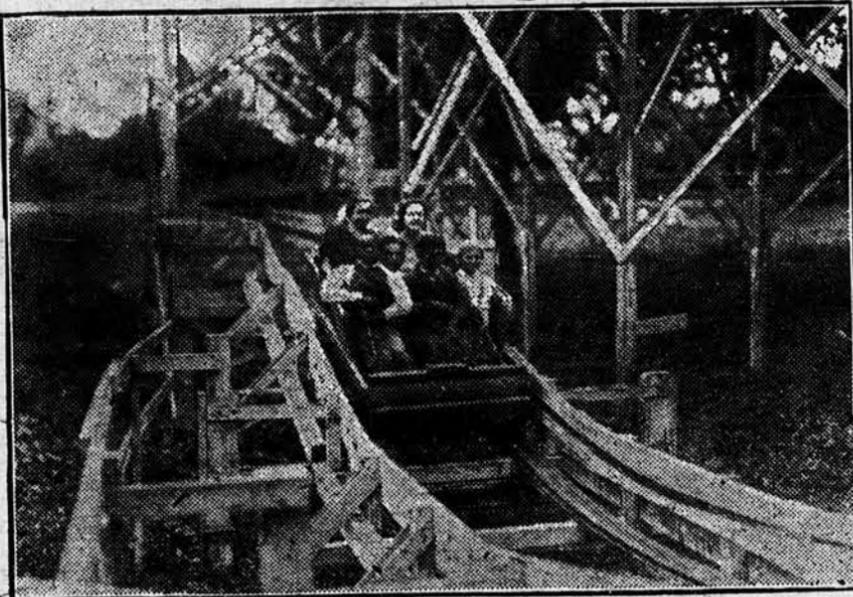
Name

Address

For Our Young Readers

This Party Was For Every Kansas Boy and Girl

BY KATHLEEN ROGAN



This Carload of Guests at Senator Capper's Birthday Party is Just Coming to Earth After an Exciting Trip "Over-the-Top."

WAIT FOR BUDDY, Mr. Street Car Man, please!" cried a little girl as she wedged her way into the street car which was already packed with eager-eyed youngsters.

Mr. Street Car Man waited and the whole carload of children sighed with relief as Buddy climbed breathlessly into the car.

You see, it was the day of the Big Party and the crowded cars were carrying the young folks to the park. All you had to do was to board the car and say, "I'm going to Senator Capper's Birthday Party," and you could ride without charge. And when you reached the park there was a card of tickets for you. There were two for the merry-go-round, two for "Over-the-top" and one for roller skating. And of course there was one for ice cream.

How would you like to have a birthday party with more than 10,000 children for guests? It was Mr. Capper's 12th annual birthday party and his guests weren't just Topeka children, but young folks from all over Kansas. Perhaps you were there, yourself. If you were, you'll agree with me when I say that you had about the best time ever. Of course, you had to wait for the long, long line—with you at the end—to move up so that you could get your rides on the merry-go-round and your flying trips over the top or your turn at skating, but when you did get it, it was worth waiting for, wasn't it? Wasn't it fun to ride the different animals on the merry-go-round—and didn't you have to hold tightly to your hats when you went down the big dip? Maybe you did get a tumble when you first put on your skates, but you were up and going in a minute.

And the ice cream! There were 12,000 cones given away. That doesn't mean, tho, that you received only one cone each.

"I've had six cones already, but I'm goin' after my seventh!" cried one little fellow as he squirmed into the long line waiting for cones.

And the man who made all this fun possible was there to meet his young friends. "There are no other boys and girls like Kansas boys and girls," he told the young folks when they gathered to hear him after luncheon. "It's true," he said, "that Washington"—where he has been to help make laws for the boys and girls—"has nice young people, but they're not Kansas boys and girls."

"There's nothing nicer in the whole world than a fine, clean, fair and square Kansas boy or girl," said Senator Capper. "I like 'em!" he added.

"You have reason to be proud of your state—you boys and girls who never saw a saloon," said he. He also pointed out that Kansas has fewer men and women who cannot read and write than any state in the Union, more men and women in college and fewer of them in jails. But he didn't come to make a speech, he said, but just to feel

the boys' and girls' handclasps and invite them to come back to his party next year. He's making plans, he said, to remain on earth for at least 100 years more and he gave a standing invitation to all the young folks to attend every one of those birthday parties. Of course, the boys and girls would grow older. They're doing that as fast as they can. He remembered one of his parties a long time ago—he's had 12 of these picnics now—when he held a little boy in his arms. And at this last picnic one of the first of his friends whom he saw was this same boy driving the biggest automobile in town. But he feels as tho all the children—yes, all the 10,000 that were present at the party—belong to him.

"You wouldn't feel like that, if you had to take care of 'em!" said a little girl who was trying to keep baby brother quiet so that she might hear Mr. Capper's words.

And after the talk came the races—races for boys and for girls, big and small. The winners received prizes. Fountain pens, baseballs, pocket knives, sewing sets, Mutt and Jeff books and the Life of Pershing were among the numerous gifts which made up the list.

You've tried riding a bicycle as fast as you can, I know, but did you ever try to ride it as slowly as you can? That was what you had to do to win the prize in the bicycle races. And you were out of the running if you fell off before you reached the rope, too.

And did you ever try to win a race with your feet tied together? Lots of boys and girls competed in this race and more than the winners reached the rope. It wasn't so bad when just your own feet were tied together, but when one of your feet was tied to that of the little girl or boy next you—"like chickens with their feet tied together," as one little girl said—then it wasn't so easy to run.

Then there were shoe races, sack races and egg and spoon races for the girls and finally a free-for-all backward race and a free baseball throwing contest. There were moving pictures, too. They weren't shown but taken. A long line of children, several rows deep made the picture. It was lots of fun and it made you feel pretty big, too, to have your very own self in a moving picture.

"Look alive, there!" cried one youngster as he pushed his way to the front row. "You may be as great as 'Doug' some day!"

They were tired youngsters who pushed their way into the cars about 6 o'clock when the party was over. Yes, they were tired, but there was lots of chatter about what a good time they'd had and how much ice cream and popcorn and watermelon they'd eaten. And there were plenty of snagged stockings and torn dresses for which the teeter totters and the swings were blamed. But they didn't care at

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Hofstra "Gun" Kills Pests and Makes Homes Safe

Mankind has won in the fight with these disease-breeding insects. It now has a powder that closes the pores of most insects, killing them without harming humans or other "lung-breathers."



This is Hofstra powder, sprayed into the air from round, yellow guns. It floats to every part of the room, so most insects cannot escape it.

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Get a loaded gun from druggist or grocer for 15 cents. It can be refilled cheaply from package Hofstra in 25c, 50c and \$1 sizes. If dealer hasn't it, send 15 cents to us and we'll mail loaded gun direct. **HOFSTRA MFG. CO., 204 N. Cheyenne, Tulsa, Okla.**



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located near thriving towns, good markets, railways—land of a kind which grows 20 to 45 bushels of wheat to the acre. Good grazing lands at low prices convenient to your grain farm enable you to reap the profits from stock raising and dairying.

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For illustrated literature, maps, description of farm opportunities in Manitoba, Saskatchewan and Alberta, reduced railroad rates, etc., write Department of Immigration, Ottawa, Canada, or

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Prompt We have 14 factories and shipment kilns on main lines of different railroads and can make prompt shipments of any products ordered from our latest catalog. FREE—write at once for our free catalog and lower prices on silos, cooling towers, and building tile.

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should be roomy, strong and washable. That's why



FITZ OVERALLS

suit men exactly. They are tailored of genuine blue indigo denim in 66 sizes. Most economical because they wear longest. Guaranteed to satisfy. Ask your dealer. Any size not in stock supplied in 24 hours by **BURNHAM-MUNGER-ROOT** Kansas City, Mo.



all about their looks. They'd had a good time. "I wish Mr. Capper'd have a birthday every day," sighed one of the tattered ones.

What are the Comparisons?

Did you ever think how many times day we say persons or things are like something else? When you have filled the blanks with the correct words, send your answers to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first six boys and girls who send in correct answers. Boys, get busy; most of the answers recently have been from girls.

- Peaceful as a _____
- Lively as a _____
- Stiff as a _____
- Gay as a _____
- Mad as a _____
- Strong as an _____
- Fleet as a _____
- Busy as a _____
- Slow as a _____
- Silent as a _____
- Happy as a _____
- Bright as a _____
- Sharp as a _____
- Pretty as a _____
- Meek as a _____
- Green as a _____
- Tight as the _____

Solution July 10 Puzzle—What are the Words? Second Stanza: Cake, sugar, cream, jam, orange ice; third Stanza: lemonade, pie, cheese, please. Prize winners are: Jeanette Knappenberger, Penalosa, Kan.; Frances Booker, Clay Center, Kan.; Clyde Basey, La Crosse, Kan.; Helen Patterson, Arlington, Kan.; Thelma Whitford, Garnett, Kan.; Carol Pfost, Elizabeth, Colo.

Reducing Cost of Harvest

Heading and threshing wheat in one operation cuts the cost in half, according to the figures reported by Frank C. Maxwell of Reno county after observing the results on his farm and the farms of his neighbors. They pulled the machine with eight horses, the machinery all being operated by an engine. Two teams hauled the threshed wheat to the bin. Four men and 12 horses did the work ordinarily requiring fully 20 men when the crop is handled with a binder or header and threshed later with a big threshing outfit. Keith Russell, a Barton county farmer, reports that he cut more wheat a day with a tractor-drawn combine harvester than he used to cut with a big header. Gus Mausolf, another Barton county farmer, put wheat in the bin at the rate of 750 bushels a day with a combine machine. A. W. Weihe of Bushton cut and threshed 37 acres a half a day with a tractor-drawn combine machine.

A Home for Kansas Aggies

The Kansas Aggie Alumni association of Colorado has rented a large cabin at Estes Park for the use of graduates, former students and present students of the Kansas State Agricultural college. It is located 1 1/4 miles from Estes Park village on the road to Devil's Gulch. It is one of a group known as Donald McGregor's cabins. The cabin is furnished pretty nicely. Has running water, both hot and cold, and a real regular bath tub. There is room enough for at least 12 persons and more can be accommodated by placing cots on the sleeping porch. We have rented the cabin for this season and we are charging only enough rental from those who come out to pay for the rental and incidental expenses, such as kindling, wood, kerosene and laundry.

The cabin is beautifully located as scenery, being placed where a wonderful view of the snowy range and Long's Peak can be had for the trouble looking out the window. A better location would be difficult to find.

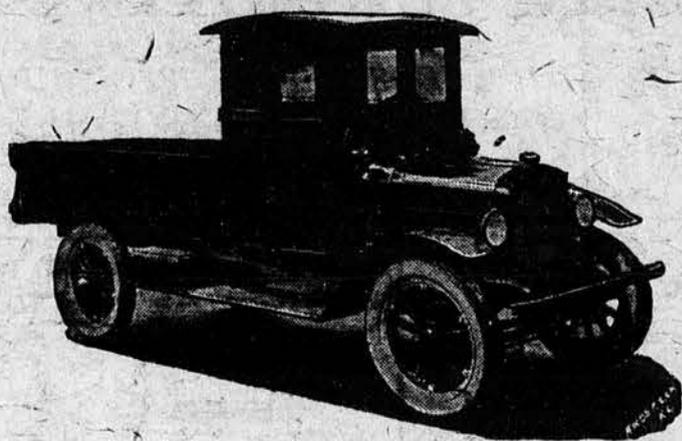
Don S. Jordan.

State Dairy Commissioner's Office, Fort Collins, Colo.

Marketing the Farm Produce

The following Farmers Bulletins on marketing farm produce may be obtained free on application to the United States Department of Agriculture, Washington, D. C.:

- 656. Community Egg Circle.
- 707. Commercial Grading, Packing, and Shipping of Cantaloupes.
- 830. Marketing Eggs by Parcel Post.
- 819. The Application of Dockage in the Marketing of Wheat.
- 822. Parcel Post Business Methods.
- 830. Marketing Butter and Cheese by Parcel Post.
- 1050. Handling and Loading New Potatoes.
- 1080. Preparation of Barreled Apples for Market.



Your Wheat Crop Is Harvested, But How About Marketing It?

Transportation Is the Biggest Problem of the Kansas Farmer Today.

Its logical solution is the motor truck—a truck equipped not only to handle the big wheat crops of the state but equipped also to handle the farm-hauling problems the year round.

The Truck to Meet Your Needs—a Stewart

Here's a one-ton truck equipped with "three in one" farm body, pneumatic cord tires, electric lights and starter, ready for any hauling job of the farm.

See the nearest Stewart dealer or write us direct.

Stewarts Are Sold in Kansas by the Following Dealers:

- Harding Wheel Co., Topeka
- E. G. Bolz & Son, Wichita
- Johnson Sales Co., Ft. Scott
- C. A. Leonard, El Dorado
- F. A. Louis, Colby
- Heck Bros., Beloit
- Agnew Auto & Tractor Co., Salina
- Graber Supply Co., Hutchinson
- T. E. Robertson, Smith Center
- Chestnut & Chestnut, Clay Center

Stewart Trucks have won—by costing less to run

Capacities: 3/4-ton, 1-ton, 1 1/2-ton, 2-ton, 2 1/2-ton, 3 1/2-ton



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Western Missouri, Kansas, Oklahoma

Distributor

1414 McGEE ST., KANSAS CITY, MO.

Money Saving Order Blank

RENEW THREE YEARS SAVE \$1.00

Presidential Campaign

A great political battle is approaching—the 1920 presidential election. Congress is solving the great after-the-war problems. Renew your subscription now and keep posted on all the big issues of the day.

How To Save a Dollar

The regular subscription price of Kansas Farmer and Mail and Breeze is \$1.00 a year. You can save \$1.00 by sending us your order for a three-year subscription at \$2.00. Or you can send us two yearly subscriptions at \$1.00 each and get your own subscription free.

SAVES TIME TROUBLE AND EXPENSE

Enclosed find for which please enter the following subscriptions

to Kansas Farmer and Mail and Breeze for the term of year.....

Name R. F. D. Box.....

Postoffice State.....

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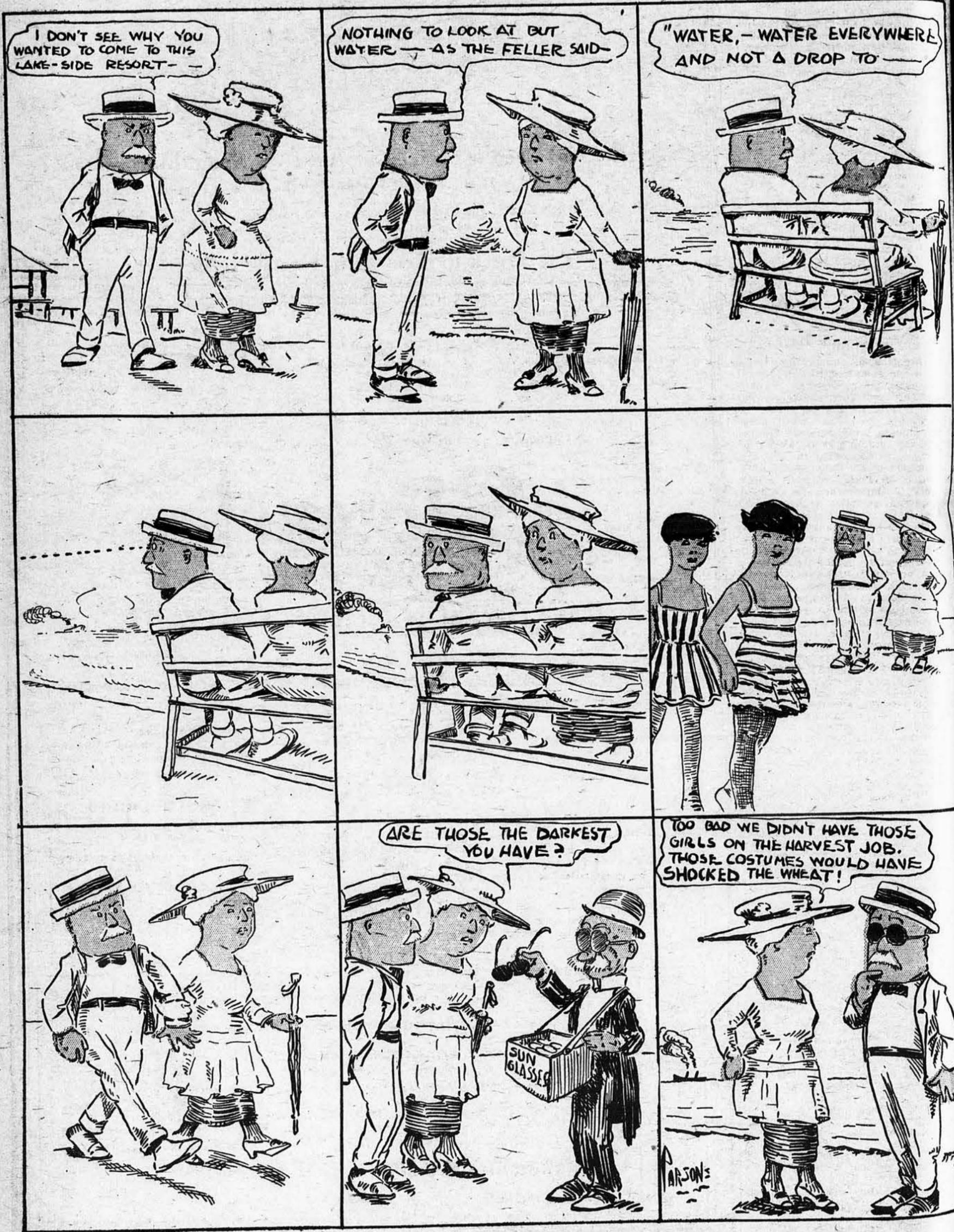
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One Year \$1.00 Three Years \$2.00

Kansas Farmer and Mail and Breeze Topeka, Kansas

The Adventures of the Hoovers

Hi Sees thru the Sun Glasses Mother Bought for Him Rather Dimly, But is Quick to Note that Lakeside Bathing Costumes are Shocking



I DON'T SEE WHY YOU WANTED TO COME TO THIS LAKE-SIDE RESORT--

NOTHING TO LOOK AT BUT WATER-- AS THE FELLER SAID--

"WATER,-- WATER EVERYWHERE AND NOT A DROP TO--

ARE THOSE THE DARKEST YOU HAVE?

TOO BAD WE DIDN'T HAVE THOSE GIRLS ON THE HARVEST JOB. THOSE COSTUMES WOULD HAVE SHOCKED THE WHEAT!

ARSON'S

July 24, 1920.

New Wheat is Excellent

Farmers are Busy Threshing and Storing Grain

BY JOHN W. WILKINSON

KANSAS farmers generally are pleased with the present outlook for good crops in the state. Wheat yields in many counties are much larger than was expected at the beginning of the harvest season. Good rains during the past week have fallen in a large portion of the state and corn, sorghums, alfalfa and other crops are in good condition. Present indications are that the field crops will make very good yields if about as much more good rains are received at reasonable periods. J. C. Mohler, secretary of the Kansas state board of agriculture, in the state weekly crop report of July 17, says: "The week has been exceptionally good for the growth of corn and the sorghums and corn is maturing out in Central and Southern Kansas with an excellent stalk growth. Fields are very clean in all sections as conditions have been right for cultivation and weeding. Potato digging is progressing in all portions and especially in the valleys of the Kaw and Arkansas Rivers where good yields are being obtained and prices paid are considered satisfactory. Potatoes in the Kaw Valley have been ranging from 100 to 200 bushels an acre. The average for the Kaw Valley probably will be about 175 bushels.

Threshing in All Sections

"Cutting of wheat is practically finished and threshing has started in all sections. In Central and in Western Kansas the harvester-thresher was used extensively. Wheat generally is ranging from 58 to 63 pounds a bushel and will show a grade of good quality. Oats and rye have also been harvested and good yields are reported.

"The second crop of alfalfa is being harvested in Northern Kansas and the rains of the past week have given a good start for the third crop in Southern Kansas. The prairie-hay crop is reported good in East-Central Kansas where large acreages are cut annually. Sugar beets are being weeded and plowed in Finney county where irrigation is practiced, and the crop will make a favorable yield this year.

"Pastures which were beginning to get dry at the time of last week's report, have freshened up wonderfully during the week just closed and in some counties cattle are being shipped in to take care of the excellent growth. The outlook is for a brisk demand for breeding hogs this fall and indications point to good movement of stock cattle from market to fall pastures if prices are reasonable."

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

Barber—Another good rain fell July 15 and the ground is in excellent condition for planting crops. Wheat harvest is completed. The average yield of wheat will be 15 bushels an acre and the grain will test about 58 pounds. Farmers are listing ground for wheat as the rains have put the soil in better working condition than it is ordinarily at this time of year. The acreage of alfalfa left for seed is larger than usual, and indications are good for a heavy crop. Pastures are excellent and livestock is doing exceptionally well. Early shipments of grass-fed cattle will result.—Homer Hastings, July 16.

Brown—Harvest is practically completed and threshing has begun. Wheat is making from 15 to 40 bushels an acre. The average yield is about 20 bushels. Oats yielded from 30 to 40 bushels. There is plenty of moisture in the ground for corn but it is rather dry for plowing. Wheat, \$2.45; eggs, 30c.—A. C. Dannenberg, July 23.

Clay—Threshing is progressing well. Wheat will average 18 bushels an acre and oats, 20 bushels. Oats are light. Considerable wheat is going to market but most of it is being put in bins. Some farmers are plowing and the soil works well. Early corn is tasseling and is in good condition. New wheat is selling for \$2.55; hogs, \$14; corn, \$1.50; shorts, \$3; bran, \$2.50; butterfat, 52c; eggs, 32c.—P. R. Forslund, July 17.

Ellsworth—Harvest is completed and oats, wheat and barley are in better condition than farmers expected. The grains are of good quality. Good rains ranging from 1/2 inch to 2 inches have fallen in the last week. Corn and feed crops are in excellent condition. Not much plowing has been done because the weather is hindering threshing. Grasshoppers and chinchbugs are very numerous. Many farmers are poisoning grasshoppers.—W. L. Reed, July 17.

Ford—We have had plenty of rain and corn and feed crops are doing well. Harvest is almost completed and the yields are satisfactory. Farmers are plowing and listing wheat, and some are stacking wheat and oats between rains. The rains will help pastures. Old and new wheat is going to market whenever we can get cars.—John Burbuchen, July 16.

Gove—Harvest will last another week. Some of the wheat is good while other

fields are very poor. Threshing will begin next week. We have had three good rains in the last two weeks which benefited growing crops. Gardens are fair but beetles are doing much damage. Pastures are good and cattle are doing well. Much of the wheat was headed on account of the car shortage and lack of place to store it. A few harvester-threshing machines are being used. Wheat is \$2.50; cream, 52c; eggs, 30c; spring chickens, 30c.—Newell S. Boss, July 17.

Haskell—Harvest is almost completed, and farmers are plowing for wheat. Two and one-fourth inches of rain fell last night. Crops are growing fast as we have had plenty of moisture. Livestock is in good condition as grass is excellent.—H. E. Torgerson, July 17.

Lincoln—We had a 3-inch rain July 15. It was badly needed as the ground was very hard and dry and the pastures were burning up. Corn is short, but was not hurt by the dry weather. Some localities report hail. Alfalfa and prairie-hay crop will be light. Wheat, \$2.50; eggs, 30c.—E. J. G. Walker, July 17.

Marion—We have had two good rains this week which delayed threshing. The rain was very welcome for growing crops, and especially for corn. Stock is doing well. The yield of wheat is not large but most of it tests satisfactorily. The yield varies from 5 to 30 bushels an acre. Farmers believe blowing is the cause of the decreased yield.—Jas. H. Dyck, July 17.

Miami—Threshing has begun. Wheat is making from 5 to 20 bushels an acre and will average about 12 bushels. The oats crop is good. Corn is satisfactory, but rain

is needed badly. Tame grass will make an average crop.—F. J. Haefele, July 17.

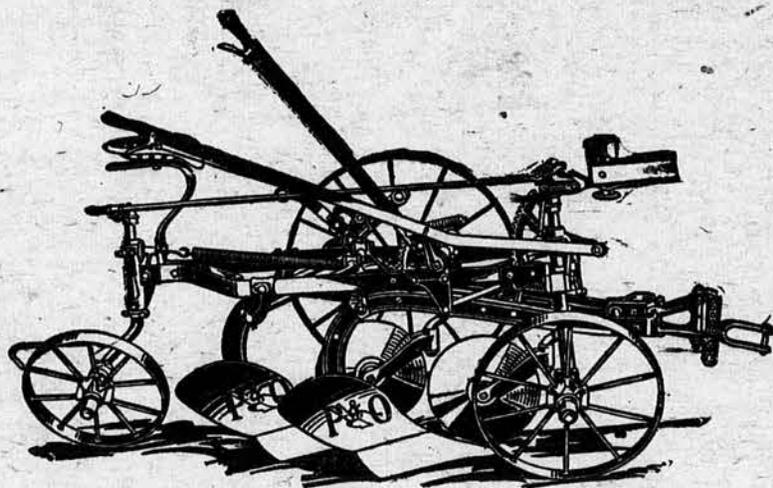
Nemaha—Oats and wheat are in the shock. The crops were cut easily. Some tractors were used. The second crop of alfalfa was put away in good condition but the yield was light. The ground is very dry. We have had no rains that reached potatoes since they were planted. Corn grows slowly but looks well. Cream is 50c; hens, 26c; flour, \$3.80; sugar, 30c.—A. M. C., July 17.

Osage—Harvest is completed and many farmers are shocking. A few are threshing. The yields show the crop has not been over-estimated. Late rains have raised the corn estimate from 70 to 85 per cent. Prairie pastures are weedy and bluegrass pastures are short. Potatoes are yielding well but not many were planted. Gardens are doing very well. Not very many farmers have hogs.—H. L. Ferris, July 17.

Saline—Wheat stacking is almost finished. Some wheat threshed from the shock yields 15 to 27 bushels an acre. Oats also yields well but is light. Barley is in good condition, generally. Most alfalfa is being saved for seed as it became too ripe during harvest. Small showers fall frequently. Corn is tasseling well. Mulched potatoes are satisfactory. Grasshoppers are numerous. Late corn is being damaged by chinchbugs. Many farmers are buying small separators with which to do their own threshing. Wheat is \$2.55; corn, \$1.75; oats, \$1.25; barley, \$1.75; butterfat, 54c; eggs, 33 to 34c.—J. P. Nelson, July 17.

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.



Right Hand Levers; Left Hand Free to Drive the Team

THE P&O Diamond Riding Plow is one that may be depended on for the best results in plowing; clean-cut, uniform furrows. It is a steady-running, dependable plow that is neither a man-killer nor a horse-killer. It has the "refinements" to make it easy running.

Has Everything You Can Think of for Perfect Plowing

Levers are on the right-hand side, leaving the left hand free for driving; a powerful foot lift, that can be operated by any boy whose legs are long enough to reach it; the rear wheel is controlled automatically by a device originated for this plow. The uneven walking of the team will positively not affect the rear wheel, and the operator is not bumped sideways. And it has a lot of other features which have made it popular.

The P&O Diamond is truly a "feature" plow, noted above all others for great strength and for its freedom from unnecessary "jimcracks."

A P&O plow never loses by comparison with others. Look them all over, and the closer your inspection the surer your desire to own a P&O.

Made both Sulky and Gang

Ask the International Dealer for Catalog on "P&O Light Draft Plows."

INTERNATIONAL HARVESTER COMPANY

CHICAGO

OF AMERICA
(INCORPORATED)

U S A

Hotel Kupper

11th and McGee Sts.

Kansas City, Missouri

The hotel of quality and refinement for yourself, wife or family when visiting the city.

EUROPEAN PLAN—\$1.50 to \$4 per Day
Centrally Located in the Shopping District
Automatic sprinkler system recently installed—making hotel thoroughly fireproof.

WALTER S. MARS, Manager

Market Your Own Wheat

Fowler Commission Co.

Will handle your shipments. Established 1890. Members Kansas City Board of Trade. All correspondence answered promptly. Address

17 & 18 Board of Trade
Kansas City, Missouri

The making of a plow involves several fundamental principles: Design, Simplicity, Strength, Ease of Operation, and Economy. All of these will be found in the old reliable



Light Draft Plows

These plows not only have behind them a long and honorable record—over three-quarters of a century—but their worth and reputation has resulted in the development of a plow factory that ranks in size with the three or four largest in the country.

It was this record that induced the International Harvester Company, in 1919, to purchase the immense P&O plow factory at Canton, Illinois, and add its product to their other lines of farm-operating equipment.

International Service

Remember that when you buy P&O Light Draft Plows, you are not only getting the best plows made, but you are also arranging for the benefits of International Service. Every one of the 92 International Branch Houses and every one of the thousands of International Dealers in the United States operates a Service Station for your benefit.

It is a Service that is efficient, dependable, and everlasting.



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

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.20	\$4.00	26.....	\$3.12	\$10.40
11.....	1.32	4.40	27.....	3.24	10.80
12.....	1.44	4.80	28.....	3.36	11.20
13.....	1.56	5.20	29.....	3.48	11.60
14.....	1.68	5.60	30.....	3.60	12.00
15.....	1.80	6.00	31.....	3.72	12.40
16.....	1.92	6.40	32.....	3.84	12.80
17.....	2.04	6.80	33.....	3.96	13.20
18.....	2.16	7.20	34.....	4.08	13.60
19.....	2.28	7.60	35.....	4.20	14.00
20.....	2.40	8.00	36.....	4.32	14.40
21.....	2.52	8.40	37.....	4.44	14.80
22.....	2.64	8.80	38.....	4.56	15.20
23.....	2.76	9.20	39.....	4.68	15.60
24.....	2.88	9.60	40.....	4.80	16.00
25.....	3.00	10.00			

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

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

EMPLOYMENT

RAILWAY TRAFFIC INSPECTORS EARN from \$110 to \$200 per month and expenses. Travel if desired. Unlimited advancement. No age limit. We train you. Positions furnished under guarantee. Write for booklet **CR 17**, Standard Business Training Institute, Buffalo, N. Y.

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

AGENTS

MASON SOLD 18 SPRAYERS AND AUTO washers one Saturday. Profits, \$2.50 each. Square deal. Particulars free. Rusler Co., Johnstown, O.

SALESMAN

SELL THE BEST NURSERY PRODUCTS in America. Our line includes finest fruit trees, plants, ornamental shrubs, etc. All or part time. Liberal commissions paid each week on all orders. Our feature product makes sales easy and cannot be obtained from your competitors. Big advertising campaign and attractive literature helps you get leads and close orders. Established 50 years. Best bank reference. Our 35 salesmen all making big money. Write today for our liberal offer. Mounj Hope Nurseries, Lawrence, Kansas.

SALESMEN LIVING IN GOOD FARMING communities to sell a nationally advertised, improved type of product in general use on every farm as part of its necessary equipment and improvement. This is a strictly high class product backed by large manufacturer. Only men who will take an active interest and devote time to the work need apply. Liberal commission. "F. H.", Mail and Breeze, Topeka, Kan.

BUSINESS OPPORTUNITIES

A GOOD BUSINESS WITHOUT CAPITAL, new, honorable, true and straight; worthy of investigation. Turn it over and under, inside out, up side down, a clean high class business. Buy it out for yourself. George Welles Moseley, Newburgh, N. Y.

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

PUT YOUR BUSINESS BEFORE MORE than 1,000,000 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 acre of the great Mid-West, and will bring you mighty good results. The rate is only 65c per word, which will give you one insertion in each of the five papers. Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

SERVICES OFFERED

PLEATINGS—MRS. M. J. MERCER, 800 Topeka Ave., Topeka, Kan.

VMBL MATERNITY HOSPITAL FOR young women before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Janes, 15 W. 31st, Kansas City, Mo.

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

SERVICES OFFERED

AUCTIONEERS MAKE BIG MONEY; 67 paged annual free. Mo. Auction School, Kansas City, Mo.

PHONOGRAPH RECORDS AND PIANO rolls exchanged. Old for new. Fuller, Wichita, Kan.

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

KODAK FINISHING BY MAIL, FILMS developed free. Pritt's 3 to 6 cents. W. W. White, Box 326, Birmingham, Ala.

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

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

FAIRMOUNT MATERNITY HOSPITAL for confinement; private, prices reasonable, may work for board, babies adopted. Write for booklet. Mrs. T. B. Long, 4911 East 27th St., Kansas City, Mo.

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

FOR THE TABLE

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

FOR SALE

FOR SALE—CATALPA POSTS, CARLOTS, H. W. Porth & Co., Winfield, Kan.

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

BUY YOUR LUMBER AT SAWMILL. WE sell direct to consumer. Write us your wants. Holes and Shelton, Pangburn, Ark.

FOR SALE—CONDENSED BUTTERMILK in barrels. We pay the freight on 2 or more barrels. Logeman's Market, Atchison, Kan.

BEVERAGE SUPPLIES—BOTTLES, crowns, crowners, etc., write for prices. Western Bottle Co., 1808 Campbell, Kansas City, Mo.

LUMBER AT GREATLY REDUCED prices, direct from manufacturer. Freight paid, quick shipment, high grade shingles \$5.35 per square. J. E. McKee, 4 N. Kieln, Oklahoma City.

TRACTORS

SALE OR TRADE—NEW FOUR CYLINDER tractor. S. B. Vaughan, Newton, Kan.

BE SURE AND READ YOUNG'S TRACTOR ad in July 3rd issue. It's worth your while.

ONE 15-30 ROYER TRACTOR AND 4- bottom plow, \$500. Quick sale. Paul J. Fife, Nickerson, Kan.

FOR SALE—25-50 AVERY TRACTOR, 10 disc plows. Practically new. C. A. Moore, Pratt, Kan.

CLOSING OUT SALE, NEW AND USED Fordson Tractors at bargain prices. Chas. H. Daenzer, Sterling, Kan.

FOR SALE—12-25 Case tractor, four-bottom Grand Detour plow. Used two seasons. \$1,000. C. H. Prothe, Paola, Kan. Route 2.

FOR SALE—RUMBLEY OIL PULL 12-20 Tractor and three-bottom plow, good condition, new last September. J. E. Smith, Dunavant, Kan.

FOR SALE—R-16 AVERY TRACTOR, practically new. 20 H. P. auto portable engine; hay baler with 6-horse Ideal engine. D. F. Plazzek, 924 Baltimore, Kansas City, Mo.

MACHINERY

WANTED—23 INCH OR SMALLER SIZE separator. Ralph Snyder, Jetmore, Kan.

RUMBLEY ENGINE, 15 HORSE, GOOD condition. J. T. Barnes, Morrowville, Kan.

STEEL FRAME, 34-56 SEPARATOR, ALL attachments, \$475. S. B. Vaughan, Newton, Kan.

NO. 7 BIRDELL ALFALFA HULLER IN running order for sale or trade for good car. S. A. Long, Geneseo, Kan.

ONE THRESHING RIG, 30 HORSE RUMBLEY engine and 42-70 Avery Separator. Shack and all complete. Will trade. C. E. Hembree, Eddy, Okla.

ONE 2-TON TRAFFIC TRUCK, GOOD condition. Take small truck in exchange. Price complete with factory stock bed, \$1,200. J. W. Tredway, Stillwell, Kan.

FOR SALE OR TRADE—OAKLAND TOURING car. Will make a fine truck. Address F. R. S., care Mail and Breeze, Topeka, Kan.

FOR SALE OR TRADE, NEW TEMPTON roller bearing medicine wagon. Can be used for milk wagon. Also 1914 Hupmobile Passenger, good running condition. E. S. Shobi, Caldwell, Kan.

FOR SALE—30-60 AULTMAN-TAYLOR Tractor, 36-56 Aultman-Taylor Separator, Garden City Feeder, Hart belt weigher, wind stacker, used one season, good as new. J. N. McKinney, Baldwin, Kan.

FOR SALE—STEAM THRESHING OUT-fit, 16 horse engine, 33-62 separator with self feeder, wind stacker, and weigher; also 12 bbl. water wagon. Gar Scott & Co. make. Warren Watts, Clay Center, Kan.

FOR SALE—ONE 20 H. P. DOUBLE CYL-inder Reeves steam Engine, simple. One 25 H. P. Double cylinder Reeves steam Engine, simple; One 25 H. P. Reeves Cross Compound Steam Engine. One 32-inch Advance Separator; One 8-bottom Steam Engine Plow. All in fine shape. Wakefield Motor Co., Wakefield, Kan.

MACHINERY

WE SPlice RUBBER BELTS LIKE FAC-tory job, make light thirty-foot extension feeders, rebore cylinders and turn pistons. Call for Supply Catalog. Richardson Machine Shop, Cawker City, Kan.

ONE 20 H. P. DOUBLE REEVES TRAC-tor; one 36-60 Reeves separator; New Garden City Feeder; all first class. One 16 H. P. Case Engine, one 32-52 Case Separator, used two seasons. New Ruth Feeders, Campbell Motor Co., Miltonvale, Kan.

AT AUCTION—AUGUST 4, 1920, AVERY 12-25, 1918; 12 in. 4 bottom Grand De Tour plow, 2 sets shears, furrow guide, gas-kerosene, plowed 300 acres, pulls 16 in. Ensilage cutter. This engine is practically as good as new one. Sale in Eastern Kansas Agricultural Pavilion, Paola, Kan.

FOR SALE—ONE 20-40 CASE TRACTOR, new July 1st, 1919; one 32-54 Avery Separator complete with drive belt, will take less than what tractor cost for the rig. Also two Rea Trucks; one 1918 model Buick; and one 1920 Dodge Touring car. James Blackmore, Route 5, Larned, Kan.

MOTOR CYCLE BARGAINS

USED AND REBUILT INDIANS, EXCEL-sions, Harleys, overhauled and tested by experts. Guaranteed and shipped on approval. We save you big money. We furnish bank references. Send a stamp for free list. Floyd Clymer, Dept. 9, "Largest Motor Cycle Dealer in Western America," Denver, Colo.

SEEDS

KANRED SEED WHEAT, J. H. TAYLOR and Sons, Chapman, Kan.

ALFALFA SEED, 85% PURE, \$10 PER bushel track Concordia. Send for sample. Geo. Bowman, Concordia, Kan.

GUARANTEED HIGH GERMINATING alfalfa, \$12 bushel; Sweet Clover, \$15.50; Red Clover, \$27. Sacks free. Rye, \$2.50. Liberty bonds accepted at par. Meier Seed Co., Russell, Kans.

LIVE STOCK COMMISSION FIRMS

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

EDUCATIONAL

WANTED—RAILWAY MAIL CLERKS, \$132-\$195 monthly. Vacancy list free. Franklin Institute, Dept. A-15, Rochester, N. Y.

STRAY NOTICE

TAKEN UP BY C. R. SLONDUCH WHOSE residence is 1/2 of N. E. 1/4 Sec. 10 Twp. 34, R9 Blaine Township, Harper County, on the 20th day of June, 1920, one Bay gelding, with white stripe in face, with mark on left front and hind foot, weight 850 pounds, age 10 years, appraised value \$25. C. E. Keadney, County Clerk.

POULTRY

BABY CHICKS

BABY CHICKS, PURE BRED LEGHORNS, Rocks, Reds, Orpingtons, Wyandottes; best laying strains; postpaid. Reduced prices. Catalogue free. Missouri Poultry Farms, Columbia, Mo.

ANCONAS

SHEPPARD STRAIN ANCONA COCKER-els and Page hens. A. D. McGraw, Hope, Kan.

LEGHORNS

PURE BRED S. C. WHITE LEGHORN cockerels twelve weeks old, \$1. Mrs. Geo. Eller, Minneola, Kan.

PURE BRED BARRON'S STRAIN S. C. White Leghorn yearling hens, \$18 per dozen. A. L. Oveson, Overbrook, Kan.

YEARLING S. C. WHITE LEGHORN hens for sale, \$18 per doz. Hillview strain. J. O. Combs, Sedgwick, Kan.

S. C. WHITE LEGHORN COCKERELS 4 months old, dandies. Best egg strains, \$1.25. W. F. Abels, Clay Center, Kan.

ROSE COMB BROWN LEGHORN COCK-erels, pure bred, 2 months old, \$1.50; 2 months old, \$1.25. Bert Key, Concordia, Kan.

PURE BRED S. C. W. LEGHORN CHICKS, 7 weeks old, healthy, well feathered (Young Strain). Vira Bailey, Kinsley, Kan.

PURE BRED ROSE COMB WHITE LEG-horn pullets and cockerels. May hatched. \$1.25 each. Mrs. Homer Spence, McPherson, Kan.

PLYMOUTH ROCKS

WHITE PLYMOUTH ROCKS, EGGS \$10 hundred. Peter Desmarcau, Damar, Kansas.

PURE BRED WHITE ROCK COCKERELS, April hatched from winter laying hens, \$2.50. Frank West, Prescott, Kan.

POULTRY SUPPLIES

CHICKS WILL GROW TWICE AS FAST if you will keep Brooks Meat Mash before them at all times in hoppers, as it contains meat scraps, dried milk, and grain meals necessary for quick growth that are not found in grain feeds. Hundreds of poultry raisers claim to have two and one-half to three-pound chicks in 8 to 10 weeks time by using Brooks Meat Mash as a growing feed. If your dealer won't supply you, we will ship in 100-lb sacks only on cars here, 100 lbs. \$4.60 or 500 lbs. \$21.25. The Brooks Co., Mfgs., Ft. Scott, Kan.

The Grain Market

BY SANDERS SOSLAND

The wheat market continues in a very strong position, the export situation and stringency of cars being the basic factors in sustaining values. Not only the new foreign demand, but the filling of short sales by domestic interests on their export contracts is providing a broad outlet for the grain. For instance, some dealers in Kansas City are known to have sold wheat to foreigners for July, August and September shipment at a figure above \$1 a bushel, without having actually bought the grain to cover on these sales. As the time approaches to complete contracts, however, the market tightens, and this condition will be felt for some time yet. New export buying was rather active the past week, too, with sales made for shipment up to the close of September around \$2.05 a bushel, basis Kansas City, and considerably higher for earlier delivery.

Corn Prices Erratic

Corn is very erratic, being swayed by the excellent progress of the growing crop, the summer lull in the demand for feeding grades and the uncertainty of the wheat future market. The cash market receded as much as 10 cents a bushel the past week, the nearby deliveries were off about 5 to 7 cents a bushel, while the December option was only fractionally down. The extreme range of sales on carlot offerings of corn is around \$1.32 to \$1.57 a bushel in Kansas City, largely between \$1.45 to \$1.50. In view of the strengthened position of hogs, corn is comparatively cheap, at least no mention is now heard in connection with the complaints that feedstuffs are far above a parity with hogs. This is a bullish factor in the corn market, stimulating consumption on farms and aiding the demand on markets. The visible stocks of corn are accumulating on markets as a result of the absence of important buying by feeders and industries, but they have not reached a volume which invites a bearish attitude toward the position of the trade.

Oats Show Weakness

Not merely because of the downward trend of corn and other grains is weakness to be expected of the oats market. The very tight position of the trade resulting from the shortage of the last crop is now being relieved with the advance of the harvest season northward, and prices are naturally becoming readjusted to the new conditions. White oats, because of the light supply moving marketward, have held up comparatively well, selling around 99 cents to \$1.01 a bushel, a decline of about 5 to 6 cents. Mixed and red oats, however, have declined about 20 cents a bushel, the best grades having sold the past week around 80 cents, compared with a high market around \$1.20 in the forepart of June. The bottom still is yet to be reached on oats during the present movement.

Bran Outlook Favorable

Similar to the position of practically all other feedstuffs, bran is in a very easy position, while shorts, on the other hand, have displayed unusual strength. Some in the trade advance the argument that if bran is extremely weak with the present very light operations of flour mills, declines may be expected when demand for flour improves sufficiently to permit of capacity grinding. Unless the bran demand improves, too, then a sharp break would occur, but buying of the offal usually broadens around \$47 to \$48 a ton for spot offerings, with all August shipments down to \$46 a ton, and September at \$44 to \$45. There is sufficient demand in the East and Southeast to absorb the offerings of shorts, and prices are consequently maintaining a firm tone. The gray variety is bringing about \$58 a ton in Kansas City.

It pays to keep the buildings well painted.

POULTRY SUPPLIES

THE BEST PRODUCTION FOR CHICKENS, cows and hogs in the world is La-Mo-Pop, Box 122, Kansas City, Mo.

POULTRY WANTED

URGENT DEMAND FOR HENS, BROIL-ers, non-fertile eggs. Coops and cases loaned free. The Copes, Topeka.
PREMIUM POULTRY PRODUCTS CO., 214 N. Kansas Ave., Topeka, buys poultry and eggs on a graded basis. We furnish coops and cases. Premium prices paid for selected eggs and poultry.

Real Estate Market Place

Real estate advertisements on this page (in the small type, set solid and classified by states) cost 65 cents per line per issue. Send check, money order or draft with your advertisement. After studying the other advertisements you can write a good one and figure the cost. About six words make an agate line. Count initials and numbers as words.

There are 7 Copper Publications totalling over a million and a quarter circulation and widely used in this advertising. Ask us about them.

Special Notice All advertising copy discontinuance or change of address for the Real Estate Department must be received by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

KINDS OF FARMS for sale by Parsons Stewart, Fredonia, Kansas.

WHEAT, corn and alfalfa farms, all sizes. Theo. Vocste, Olpe, Kansas.

WATER, inexhaustible underflow irrigation and. Carl Erbe, Garden City, Kansas.

W. A. IMP., \$65 a. Many alfalfa farms for sale. M. T. Spong, Fredonia, Kan.

ACRES highly improved, \$80 acre, best terms. W. J. Poire, Westphalia, Kan.

FOR SALE—Improved farm, Washington Co. Address E. B., 543 Melrose, Chicago, Ill.

ST FARM BARGAINS for sale in S. E. Kan., by Meyer & McCabe, Fredonia, Kan.

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

BARGAIN—320 a. pasture land, eight miles of Spearville, \$20.00 acre. Other bargains. W. Moore, Spearville, Kansas.

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

OVER, timothy, bluegrass and alfalfa and cheapest in state, exchanges made. Clark Realty Co., Garnett, Kansas.

A. improved Arkansas Valley 240 under irrigation. 350 a. cultivated, \$80. Terms. Appleton & Johnson, Spearville, Kansas.

FOR SALE—160 acre farm in Rush County. Price \$11,500 if bought now. Address Mr. W. Gerlach, 110 8th West, Hutchinson, Kan.

RY & HOARD, Real Estate Exchange and Loan Agent. Ranches a specialty, sold on commission. Phone 18, Anthony, Kansas.

FOR SALE—All kinds of farms in N. E. Kan. Send for printed list. Silas D. Warren, 727 1/2 Commercial St., Atchison, Kan.

ACRES, 3 miles to Council Grove. Well improved, county road, \$75.00 per acre. Write for list. S. L. Karr, Council Grove, Kan.

DON'T OWN THE WORLD, we sell it. Write for farm list and pictures. Kansas Land Company, Ottawa, Kansas.

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

MILTON AND STANTON county lands, 8 up. Write me your wants. Tomson, Syracuse, Kansas.

BARGAINS. Bargains in wheat farms and stock ranches. Write for list. W. E. McAdams, Brewster, Kansas.

BARGAINS Western Kansas wheat and alfalfa lands. E. BROOKE LAND & LOAN COMPANY, Winona, Kansas.

ACRES, all fine smooth, rich tillable and black soil, no rock, 2 sets buildings, mile town, only \$85 per acre. Easy terms. Sewell Land Co., Garnett, Kansas.

FOR SALE—120 a. Imp. farm, well located, rich limestone land, lays fine. Bargain at \$50.00 per acre. Terms. Write E. H. Bideau, Chanute, Kansas.

CHOICE QUARTERS, unimproved level grass land, in Wichita county, Kansas, good to sell. Write Jas. H. Little, The Wood Man, La Crosse, Kansas.

QUARTER SECTION, \$4,000. 3 miles from town. 60 acres in crop. All level fine land. Easy terms. Griffith & Baughman, Liberal, Kansas.

FOR SALE—160 acre farm 1 1/2 mi. Randall, all smooth, about 20 acres pasture and alfalfa in cultivation and fine land. Extra all improved. An excellent home and barn at \$17,000. J. M. Denton, Jewell, Kan.

A FINE SECTION Handy town, well improved, timber, water and alfalfa land. Price \$37.50 per acre, good terms. Write for land list. Justin T. Avery, Deer, Decatur Co., Kansas.

LANE CO. LANDS Harvest is practically over here, wheat yielding from 15 to 40 bu. 60 lbs. and better seed, other crops good. Farms of this quality for sale at from \$20 to \$30, some three roomed house in good repair. Some fruit. The best of never failing water. This is one of the nicest homes in Franklin Co. Price \$175 per acre. Rowland Realty Co., Ottawa, Kan.

82 ACRES, 1 mile to R. R. town, 7 miles to Ottawa, all good smooth land, 15 acres in pasture, bal. in cult. All first class land. One 6 roomed house in good repair and one three roomed house in good repair. Some fruit. The best of never failing water. This is one of the nicest homes in Franklin Co. Price \$175 per acre. Rowland Realty Co., Ottawa, Kan.

640 ACRES WICHITA COUNTY KANSAS. All smooth; all joining; 8 1/2 miles from county seat; 5 miles from railroad shipping point. Fenced; abundance of sheet water; small frame house; stabling and other out-buildings. Splendid proposition. Can give possession at once. For price and terms address D. F. CARTER, Leoti, Wichita Co., Kansas.

172 ACRES, Lawrence, Kansas, 1 1/2 miles Fort to Port road, 150 tillable, 60 hog-tight, 10 alfalfa, 12 prairie meadow, 40 corn, 45 pasture; 1/2 corn, 1/2 hay and all pasture goes. 50 for wheat, possession of buildings at once. 7 room house, barn 20x60, granary, machine shed and shop 40x40, improvements good. Everlasting spring water piped to barn. Price \$21,500, incumbrance \$6,000, interest 6%. Hoeford Investment & Mortgage Co., Lawrence, Kansas.

WHEAT LAND 25,000 Acres At a Bargain. For Information Write KANSAS INVESTMENT CO., Ness City, Kansas

A Real Bargain 160 acres 3 miles of Waverly, 2 1/2 of Agrifolia, 40 acres wheat, 50 acres oats, 10 acres alfalfa, 35 acres timothy and clover, balance alfalfa and blue grass pasture, well watered, smooth, best of limestone soil, 1 mile school. Good house of 6 rooms, new barn 44 ft., smoke house, hen house, etc., all good repair, telephone and rural mail. Price \$110 per acre with best of terms. W. O. M. REYNOLDS, WAVERLY, KANSAS.

KANSAS

240 ACRES, 3 miles town, 35 acres alfalfa, all fine land, well improved, \$24,000.00. Mortgage only \$6,000. Equity for general store. Box 38, Thayer, Kansas.

152 ACRES, Grain, Stock or Dairy; 70 acres creek bottom, adjoins Chanute, Kan. Big oil and gas town. Other bargains. Byrd H. Clark Investment Co., Erie, Kansas.

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

160 ACRES WELL IMPROVED Only 4 miles from town, 25 in alfalfa, 60 pasture, balance corn and wheat, two-fifths crop goes if sold soon, \$15,000. T. B. Godsey, Emporia, Kansas.

FOR SALE—Well improved farms in Franklin Co., Kan. Good farm lands in West Kan., \$20 to \$40 per acre. Ask J. M. Stewart, Hutchinson, Kan.

160 ACRES, 2 1/2 mi. from Lenora, 70 acres alfalfa land. Improved, \$40 per acre. Good terms. Special bargains in wheat land. Write for list. J. H. Brotemarkle, Real Estate, Lenora, Norton Co., Kan.

120 ACRES, 9 miles Ottawa, 2 1/2 good town. Good improvements, land lays well, well watered. Possession fall. \$100. Write for list. Dickey Land Co., Ottawa, Kansas.

160 ACRES, 4 miles from town. Good 7-room house, new barn, other outbuildings; 90 acres in cultivation, balance grass. Price \$85 per acre; terms. Le Roy Realty Co., Le Roy, Kansas.

FOR SALE—Three quarter sections including oil rights—no waste land, no rock, no timber—12 miles northeast Eldorado, Kansas. \$50 per acre. F. V. Potts, Owner, 700 Limit Ave., St. Louis, Mo.

FOR SALE—Our improved hundred and sixty acre farm eight miles from Kingman, Kan. Three miles from shipping point. A dandy home for sixteen thousand dollars. Terms to suit purchaser. K. L. Shull, Owner, Plevna, Kan.

310 ACRES, 6 miles of Ottawa, Kansas, on state highway, has good sets of improvements, fine location. Real bargain for \$110 per acre. Good terms. Write for booklet. CASIDA, CLARK & SPANGLER, Ottawa, Kansas.

N. E. 1/4 27-6-38, Sherman County; 40 acres rolling; 120 acres good for farming; also N. W. 1/4 4-13-42 Wallace County; all good farm land; 60 acres good for alfalfa. Make offer; terms considered. Wire or write G. L. Garlinghouse, Owner 201 Lathrop Building, Kansas City, Mo.

FARMS FOR SALE—160 acres mile of good country town, 60 acres pasture, balance cultivation, good improvements, \$125.00 per acre. 160 acres well located, 120 acres cultivation, small improvements, \$90.00 per acre. Other bargains to offer at right prices in Clay Co. Ford & Malcolm, Oakhill, Kan.

FOR SALE—160 acres of good laying up-land, 100 acres in cultivation, 60 acres in pasture. 5 room house, good barn and out buildings. Well with windmill, cistern at house, pasture watered by spring, 9 miles from Salina, 4 miles to shipping point. Price \$85 an acre. Write V. E. Niquette, Salina, Kansas.

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

OWN A HOME IN EASTERN KANSAS Wheat, corn, clover, alfalfa land, Ottawa, the County seat, Franklin Co., 10,000 population. University, excellent schools, manufacturing interests, mill, creamery and condenser. Fine location. Buy now. Write for Free Booklet and new list No. 457. Farms and City Property for sale. Mansfield Land & Loan Company, Ottawa, Kan.

SPECIAL SALE 880 acres of alfalfa land in the beautiful Republican River valley, two miles from the most thriving little city in the world, containing the best equipped County High School in Kansas, for quick sale \$60 per acre. We have other great bargains. Dowling & Williams, Law-Land-Loan-Insurance Co., St. Francis, Kansas.

82 ACRES, 1 mile to R. R. town, 7 miles to Ottawa, all good smooth land, 15 acres in pasture, bal. in cult. All first class land. One 6 roomed house in good repair and one three roomed house in good repair. Some fruit. The best of never failing water. This is one of the nicest homes in Franklin Co. Price \$175 per acre. Rowland Realty Co., Ottawa, Kan.

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KANSAS

GOOD FARMS 80 to 125 acres. Call or address O. C. Faxson, Meriden, Kansas.

WANT TO BUY your Western Kansas wheat land for cash. Layton Bros. Land & Inv. Co., Salina, Kansas.

320 A. SUMNER CO. 3 mi. Caldwell. Stock and grain farm, large buildings. Rich black soil, fine neighbors. Price \$34,000. Fuller, Wichita, Kan.

LAND FOR SALE 263 acre farm, well improved, in Ellsworth County, \$75 per acre. F. D. Sperry, Ellsworth, Kansas.

FOR SALE: 320 acres, Thomas County. Smooth, fair improvements, good water, 8 miles to U. F. station, \$32.50 acre. Terms. Mrs. F. Spangler, Owns, Oakley, Kansas.

WHEAT LAND! 320 acres Scott County, Kansas, 7 miles town, all smooth, 90 cultivation, balance grass, no improvements. Priced for quick sale at \$25.00 per acre. Write for list and map. Mansfield Investment & Realty Company, Healy, Kansas.

SPLENDID DAIRY FARM, 160 acres, 5 mi. town, well improved, good water, good soil, lays well, all tillable, 20 a. alfalfa, 65 a. cult, bal. fine bluestem grass, bargain at \$85 an a. For list of best Grain, Alfalfa and Dairy farms on earth at prices that will make you big money. Write E. B. Miller, Admire, Kan.

LAND AUCTION SALE. July 27, 1920, 157 1/2 acres, 4 miles south of Bucyrus, Kan., 35 miles south of K. C., Mo. 2 miles off the oil road, new house and barn, 1/4 mile to school, fenced hog tight, well watered. 1/2 cash, bal. ten years time 5%. 138 head of live stock will be sold the same day. For full particulars, address Lovett & Rogers, Louisburg, Kan., or H. M. Justice, Auctioneer, Paola, Kansas.

COLORADO

IF YOU are looking for good home or investment in Colorado or Wyoming, write Zickrick, Nunn, Weld Co., Colorado.

EASTERN COLORADO. Irrigated farms. Any size, ranches and upland farms. Write for list. C. A. Quimby, Granada, Colorado.

20 IMPROVED eastern Colorado farms for sale at bargain prices; terms; information and literature on request. Frank Sutton, Akron, Colo.

EASTERN COLO. LANDS OUR SPECIALTY Large lists, personally owned, selected lands. Live agents wanted. Wolf Land Company, Yuma, Colo.

COLORADO FARMS

15 miles from Denver on Lincoln Highway, trolley line and railways. 80 to 4,000 acres irrigated, non irrigated and pasture lands. Modern improvements, including stock farm set. Send for booklet V3. The Adolph J. Zang Inv. Co., Owners, American Bank Building, Denver, Colo.

FARMS BOUGHT AT PRESENT PRICES in the San Luis Valley, Colorado, are the best investment a man can make. We offer 320-acre farm, 5 1/2 miles of Alamosa, with good improvements, 80 acres fine alfalfa, fenced with woven wire, has first class water right, for irrigation, fully paid up, also has two artesian wells, for domestic and stock use, on good highway, telephone, and close to school. Price \$75 per acre. We have farms of 80 acres and up. ELMER E. FOLEY, 1001 Schweiter Bldg., Wichita, Kansas.

7,000 ACRES

I bought right, will sell right, corn, wheat, alfalfa, etc. Our crops are proof. Write for particulars. E. T. Cline, Owner, Brandon, Colo.

Does Your Wife Want a Home?

Haven't you promised your wife—just as soon as you got a wheat crop—she should have a home? Providence has been good to you—you have the wheat crop—NOW KEEP FAITH WITH YOUR WIFE.

You have heard of the FAMOUS OLD BIJOU RANCH in Elbert County, COLORADO, the BANNER County of the State. We are the owners and offer to you on long time payments at 6 per cent the choice of any quarter or half section near towns, schools and railroad, fine WHEAT, CORN, ALFALFA and POTATO land at a low price. We have tracts suitable for stock farms and ranches of any size. This is the passing of this grand old ranch, it MUST BE SOLD at once. Two of our chief officers have died and the partnership books are to be closed January 1st. Never again will you have chance to buy such land located as this ranch is, at price and terms now offered. COME NOW IF YOU WANT THE BEST, take the train before your neighbor starts, buy a round trip ticket to Simla, on the ROCK ISLAND road, take a receipt, this will be taken as cash on any purchase you make from us.

Remember we are OWNERS, not AGENTS, don't care what the size of your pocketbook is now, we have sold someone you know, who in a few years have paid for their land and now have well improved farms. WE HAVE THE SAME FAITH IN YOU. THE BIJOU RANCH COMPANY, A. M. Jennings, Sales Mgr. Ranch Headquarters, Simla, Colorado

ARKANSAS

WRITE TOM TETER, SHERIDAN, ARK., for bargains in good farms.

WRITE W. C. Stenzel, Peabody, Kansas, Owner, for Northwest Arkansas lands.

WRITE TOM BLODGETT LAND CO., Pine Bluff, Ark.; for real bargains in farm lands.

DOWELL LAND CO., Walnut Ridge, Ark. Fine corn lands, easy terms, plenty rainfall.

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

MISSOURI

VALLEY FARMS—Fruit, and berry farms. Write, Chambliss & Sons, Anderson, Mo.

LISTEN! Well improved 60 acre nice house, \$2,500, \$600 down. McGrath, Mt. View, Mo.

FREE—All about the Ozark country, map and list of cheap lands. Durnell Land Company, Cabool, Mo.

THE HOMESEEKERS GUIDE FREE. Describes 100 south Missouri farms. Blankenship & Son, Buffalo, Missouri.

IF YOU WANT a large or small prairie or timber farm, pure spring water, no crop failures, write J. E. Loy, Flemington, Mo.

MISSOURI—\$5 down 45 monthly buys 40 acres truck and poultry land near town Southern Mo. Price \$240. Send for bargain list. Box 169, Mt. Vernon, Ill.

ATTENTION FARMERS Do you want a home in a mild, healthy climate, where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms \$30 to \$50 acre. Frank M. Hamel, Marshfield, Mo.

REAL HEREFORD FARM 528 Acres in beautiful Belton district, 25 miles south Kansas City; bluegrass, wheat, clover, alfalfa and corn; living water, substantial buildings; priced to sell. Mansfield Land & Loan Company Bonfile Bldg., Kansas City, Mo.

OKLAHOMA

EASTERN OKLA. Corn, wheat, oats, alfalfa, clover land. Oil district. New country. Best land for least money. Arch Wagoner, Vinita, Okla.

\$20 TO \$60 PER ACRE. Fine wheat, oats, alfalfa, corn and cotton lands. Write for free illustrated folder. E. G. Eby, Wagoner, Okla.

ASK FOR illustrated list of good homes. Wheat, corn and alfalfa land in the best part of Oklahoma. Also free map. De Ford & Cronkrite, Watouga, Oklahoma.

320 ACRES 2 miles Oakwood, 140 cultivated, balance pasture, 80 acres under woven wire, 4 room house, stable, granary, orchard, on State Road, 1/2 mile school. Price \$8,500. terms on half. L. Pennington, Oakwood, Okla.

320 A. 3 1/2 miles from good R. R. City this Co. All bottom and second bottom land. 175 A. cult. 50 A. meadow. Bal. timber and pasture. Fair Imp. All crops good. \$50 per A. Terms. Southern Realty Co., McAlester, Oklahoma.

EASTERN OKLAHOMA Unusual bargains in low priced farms with comfortable buildings for \$15 to \$85 per acre on good terms. Send at once for copy of our farm bulletin with complete descriptions of farm bargains. Stuart Land Co., Heavener, Oklahoma.

TEXAS

ONE cabbage crop often pays for the land in Lower Rio Grande Valley. Save \$100.00 per acre by dealing with owner. L. W. Heagy, La Feria, Texas.

PROSPERITY ABOUND on the South Plains, Lubbock County the center, cheap farms and ranches, large or small. Crops fine. Write us. Wall's Land Exchange, Lubbock, Tex.

WELL IMPROVED Ranch, 4,826 acres, 400 A. fine ranch land irrigated. Balance fine grass land. Ideal stock farm. Also said by geologist to be an elegant oil prospect. Price \$35.00 per acre. Half cash, balance easy. Terms. For full particulars, address T. B. Arklin, 314 N. Main St., Cleburne, Texas.

WE HAVE BLACK LANDS for cotton and grain; loam lands for diversified farming; sandy loams for sweet potatoes and peanuts; grazing lands for live stock; and lands suitable for special crops, fruits or vegetables, either improved or unimproved in small or large tracts. Write us just what you want, and give us a chance to furnish it. Railroad Farm Bureau, San Antonio, Texas.

CALIFORNIA.

300,000,000 ACRES free government land in U. S. Send for free descriptive circular of our 100-page book "The Homeseeker," which tells you how to acquire this land, or send \$2 for book direct. THE HOMESEEKER, Department 104, Los Angeles, Calif.

NOW SUBDIVIDING large estate 30,000 A. on state highway, two railroads between Frisco and Los Angeles. Fertile soil, plenty water, two mi. modern city 4,000 pop. Literature free. We guarantee everything as represented. Madra County Land & Development Co., 506-S Frost Bldg., 2d & Broadway, Los Angeles.

NEBRASKA

80 ACRES of the best irrigated land, two and a fourth miles from Culbertson. \$300 per acre. A. R. Smith, Owner, Culbertson, Nebraska.

PIERCE COUNTY, NEBRASKA, FARM for sale. 160 a. 7 mi. from Pierce. 40 a. corn, 40 a. oats, 35 a. rye, bal. pasture. Good Imps. Good water. \$125 a. Good terms. Good soil. Pierce Investment Co., Pierce, Neb.

OHIO

OHIO FARMS. Write for Catalogue, 600 Farms any size and price U want, in seven different counties. H. H. Masters, Farm Agt., Cambridge, Ohio.

MISSISSIPPI

WRITE for free Mississippi map and land list. Land Market, Box 843, Meridian, Miss.

MINNESOTA

PRODUCTIVE LANDS—Crop payment or easy terms. Along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

NEW YORK

IF YOU ARE LOOKING for a good farm of any size and for any purpose, near good markets, in the state of New York, especially in the Mohawk Valley, write to LEO J. FELD, 307 State Street, Schenectady, N. Y.

FLORIDA

FREE FLORIDA SUGAR FARMS—25 cents per acre monthly, gets any size farm. Profit Sharing Certificates guaranteeing money back, from profits of our farms with every payment. No interest. Owing to demand for sugar lands prices will advance \$1 per acre each month after June first. Buy now and make the profit. Free booklet. Ideal American Corporation, Johnstown, Fla.

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

FOR SALE AND EXCHANGE

Northwest Missouri farms, the greatest corn belt in the United States. Also western ranches. Advise what you have. M. E. Noble & Co., St. Joseph, Mo.

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I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Box 378, Columbia, Mo.

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

LANDS ON PAYMENTS, nice smooth level lands, good deep soil, some of these quarters now in crops. Near the new railroad running from Shattuck, Okla., to Spearman, Texas. \$25 to \$80 per acre, one-sixth cash, balance yearly payments and interest. Write for literature. John Ferriter, Wichita, Kansas.

HANDLE MORE BUSINESS? Are you getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 50 a word each week. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

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Kansas and Oklahoma

Lowest Current Rate Quick Service. Liberal Option. Interest Annual or Semi-Annual. THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

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For Agricultural Purposes

Write for price and FREE sample. DOLESE BROS. COMPANY 12 S. La Salle St., Chicago, Illinois Plant Eldorado, Kansas

PLAN—PLANT—SAVE Your Feed Crop We guarantee Climax Tile silos. They last forever. Steel reinforcing at every mortar-joint. Lowest freight rates on curved tile to majority Kansas-Oklahoma points. "Permanent as Time, Itself." Write for full information. CLIMAX TILE & SILO CO. 850 SPRING STREET 250 SECURITY BLDG. COFFEYVILLE, KE. OKLAHOMA CITY

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GREATEST AUCTION SCHOOL ON EARTH Learn to be an auctioneer. We teach practical auctioneering. Next term begins Monday, September 6th, and comprises four weeks. In our school you learn to sell by actual practice on real live stock in a \$20,000 sale pavilion. We guarantee to teach you the profession or refund your money. Write for catalog at once, and plan to prepare yourself to earn from \$50 to \$150 and up per day. Enroll early as possible. Address LOUIS A. WILSON National Live Stock Auctioneer Logan, Iowa

\$1200.00 Baling Profit

"I think you can easily pick up \$1200 to \$2000 baling with the Admiral" says Murry Carpenter of Miss. Agricultural College. D. J. Collier, Egerton, Mo., made \$49.00 a day with an

Admiral Hay Press

T. J. Jones, Hickox, Ga., an Admiral owner says he expects to make \$100 extra this season. John Marks, St. Marys, Kansas, baled 98 bales in one hour, 30 tons in 10 hours. For 30 years the Admiral has been fastest, simplest, most powerful baler made—many doing fast work after 16 years service.

Free Send name for big hay baling profit book and details of our trial offer—cash or time. ADMIRAL HAY PRESS COMPANY Box 109 Kansas City, Mo.

THE LIVESTOCK SERVICE

Of the Capper Farm Press

Is founded on five great farm papers, four of which lead in circulation and farm prestige in their respective sections, while the fifth covers the best one third of the United States with the greatest general farm circulation of this territory.

Orders for starting or stopping advertisements with any certain issue should reach this office eight to ten days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding stock, can keep in direct touch with the managers of the desired territories at the addresses given below. Where time is limited, advertising instructions should come direct to the main office, as per address at the bottom.

TERRITORY MANAGERS AND THEIR TERRITORIES.

John W. Johnson, Northern Kansas, 820 Lincoln St., Topeka, Kan. J. T. Hunter, Southern Kan. and W. Okla., 427 Pattle Ave., Wichita, Kan. J. Cook Lamb, Nebraska, 2417 T St., Lincoln, Neb. Stuart T. Morse, Okla. and S. W. Mo., 631 Continental Bldg., Oklahoma City. O. Wayne Devine, Western Mo., 300 Graphic Arts Bldg., Kansas City, Mo. Harry R. Lease, Eastern Mo., and So. Ill., Centralia, Mo. George L. Borgeson, N. E. Neb. and W. Ia., 1816 Wirt St., Omaha, Neb. Glen Putman, Iowa, 2808 Kingman Blvd., Des Moines, Ia.

E. S. Humphrey, Office Manager, Topeka, Kan. T. W. MORSE, DIRECTOR AND LIVESTOCK EDITOR. Livestock Service Capper Farm Press, Topeka, Kan.

Livestock Market

BY SAMUEL SOSLAND

So far as cattle feeding is concerned, a decrease of more than 10 per cent is necessary as compared with the past year to lend support to the trade that will help to maintain an average of prices equal to that of recent months. In the past year cattle feeding was not profitable. What will happen if there is no reduction in the number of beef animals put on feed? The answer is that the trade will be called upon to absorb as many fed cattle in a period of lower prices for hides and reduced earnings of labor, an important element in the consumption of beef. It is not safe to count on any increase in foreign buying; in fact, a decrease from the extremely light demand of the past year is more probable in export channels. If packers were unable to pay a higher average for fed cattle than the prices which prevailed in the last year, it is doubtful whether they will be able to do as well in the coming year because the purchasing power of the masses in cities is gradually diminishing. This is the reason for reducing cattle feeding by more than 10 per cent.

The basis for trading in feeding lambs and sheep has not yet been clearly established, for the range movement is just beginning. Demand for feeding lambs to go to stubble fields is expected to support the market, but selling pressure will be too strong to advance the level of prices to a high figure. It will pay, according to present indications, to defer purchases, for, besides the demoralized wool situation, mutton producers must consider the adverse influence of continuation of New Zealand importations on a heavy scale.

Grassers Decline 50 Cents

With the largest run of grass cattle of the season, an easier tone prevailed on the Kansas City market last week. Grassers declined 50 cents to \$1 in the steer trade, while choice corn-feds, which were in light supply, sold at prices unchanged to 50 cents lower, with a top of \$16.90. Choice Kansas grass steers were quoted up to \$15, with fair to good grades at \$10 to \$13. Oklahoma grass steers sold at \$8 to \$10. Butcher-cattle declined 25 to 50 cents, with good fat grass cows at \$8 to \$9.25 and medium grades at \$6.50 to \$7.50. Canners sold at \$3 to \$4.50. Veal calves reached a top of \$13, but were mostly 50 cents lower. Stockers and feeders improved 25 to 50 cents, but did not move as actively as hoped for out of second hands. Stockers are quoted largely at \$6 to \$10 and feeders at \$9 to \$12. Stock cows sold largely at \$5 to \$6.50.

Early completion of wheat harvests was felt in a larger supply of hogs and lower prices last week. Recessions amounted to about 25 to 50 cents, and the trade was irregular. While the provision future market reached a basis equal to \$13 to \$14-hogs, the market closed with a top of \$15.50 and with confidence in higher prices during the next two months persisting.

Sheep Sales are Low

Lambs and sheep are still low, with no promise of sustained advances. While a few lambs sold up to \$16, the nominal top at the close last week was only \$15. Feeding lambs sold up to \$10.85. Sheep as well as lambs were mostly steady, with best fat ewes at

\$7.50 to \$8. Breeding ewes had a spurt of \$1 to \$1.50, yearlings selling up to \$9.50. There is no need for rushing in to buy on such advances, as liberal supplies of Westerns are probable.

College Exhibits at Big Fairs

A carefully prepared exhibit featuring the various field projects of the extension division of the Kansas State Agricultural college will be shown at the big fairs in the state this fall and winter. Half of the Government building at Topeka has been reserved for this exhibit. The same exhibit will be shown at the Kansas State Fair at Hutchinson and at the Kansas National Exposition at Wichita.

Public Sales of Livestock

- Hereford Cattle. Sept. 6—J. O. Southard, Comiskey, Kan., at Emporia, Kan. Sept. 8—Ed Nickelson, Leonardville, Kan. Sept. 9—Northern Kansas Hereford Breeders Assn., Blue Rapids, Kan., C. G. Steele, secretary and sale manager, Barnes, Kan. Sept. 17—Morris County Herefords at Council Grove, Kan., A. J. Howard, sale manager, Comiskey, Kan. Sept. 27—John J. Phillips, Goodland, Kan. Sept. 28—Foster Farms, Rexford, Kan., at Colby, Kan. Oct. 6—J. O. Southard, Comiskey, Kan. Oct. 7—Miller & Manning, Parkerville, Kan. Sale at Sylvan Park, Kan. Oct. 16—Eastern Kansas Agricultural Assn., H. L. McDill, Mgr., Paola, Kan. Angus Cattle. Oct. 16—Boys' Calf Club, Effingham, Kan. Frank Andrews, Mgr., Muscotah, Kan. Shorthorn Cattle. Oct. 7—A. L. & D. Harris, Osage City, Kan. Oct. 13—Northern Kan. Shorthorn Assn., at Smith Center, T. M. Willson, sale manager, Lebanon, Kan. Oct. 13—East Kansas Shorthorn Assn., at Ottawa, Kan. F. Joe Robbins, Sec'y. Oct. 14—Linn Co. Shorthorn Breeders' Assn. Sale, Pleasanton, Kan. E. C. Smith, Sec'y. Oct. 16—Boys' Calf Club, Effingham, Kan., Robt. Russell, Muscotah, Kan., Mgr. Nov. 9—Shorthorn Assn. sale. O. A. Hoeman, Mgr., Peabody, Kan. Nov. 4—J. L. Early, Oronogo, Mo. Nov. 9—R. W. Dole, Alma, Kan. Nov. 10—Northwest Kansas Shorthorn Breeders Assn., Concordia, Kan., E. A. Cary, Talmo, Kan., sale manager. Nov. 11—E. P. Flannagan, Chapman, Kan. Nov. 15—Irvin Evans, Columbus, Kan. Holstein Cattle. Sept. 1-2—W. H. Schroyer, Miltonvale, Kan. Oct. 5—Hall Bros., Denver, Colo. Oct. 18—Consignment Sale, Hutchinson, Kan., W. H. Mott, sale manager, Herington, Kan. Nov. 29-30—Holstein-Friesian Assn. of Kansas, Wichita, Kan., W. H. Mott, manager, Herington, Kan. Dec. 1—David Coleman & Sons, Dennison, Kan., at Topeka, W. H. Mott, sale manager, Herington, Kan. Poland China Hogs. Aug. 7—Moore Farms, Butler, Mo. Sale at Gardner, Kan. Aug. 16—L. E. Hubbard, Kincaid, Kan. Aug. 25—The Deming Ranch, Oswego, Kan. H. L. Sheldon, Supt. Swine Dept. Oct. 1—Stafford County Breeders' Assn., Stafford, Kan. Oct. 1—Peter J. Tisserat, York, Neb. Oct. 14—W. H. Hill, Milo, Kan., at Beloit, Kan. Oct. 19—Morton & Wenrich, Oxford, Kan. Oct. 20—Fred G. Laptad, Lawrence, Kan. Nov. 3—E. E. Hall, Bayard, Kan.

BOWLES' WAY SERVICE

Your Cattle Are Now Yarded They are in our pens. You will at once observe the utmost care exercised by our yard men in turning on just enough water. You will notice that they shake down and separate the hay, eliminating all dust therefrom. The clean condition of our pens and handy weighing cannot escape your notice,—handy to the chutes and handy to the scales. Our Cattle Alley is 18. Our Hog Alley is 300. Bowles Live Stock Com. Co. Chicago, Omaha Kansas City, Mo. FREE Our market letters will tell you of the organized concern at these yards. Write for

Our Supreme Court

"Kansas has an exceptionally strong and well balanced supreme court. Its decisions have been uniformly progressive with the spirit of the new legislation of the times. It has not been a stickler for technicalities nor hair splitting decisions on laws affecting public welfare. We couldn't pass on the fine points of law it expounds if we wanted to but we can say it seems to be a court with a lot of common sense. "The terms of three members of this court expire this year, those of Justice Dawson, Justice Marshall and Justice Mason. Each of these men in the best sense of the term deserves re-election. "First they must have the nomination. When you get your primary ballot August 3rd, don't overlook voting for Dawson, Mason and Marshall in the list of supreme court candidates. "Get them in your mind: "Dawson, "Marshall, "Mason."—Council Grove Daily Guard. N. B. Judge Mason, Garden City, is a candidate for Position No. 5 on the supreme court, Judge Marshall, Topeka, for Position No. 6, and Judge John Dawson, Hill City, for Position No. 7. (Political Advertisement)

Tire Agent We want one exclusive representative in each locality to sell the new Mellingier Extra hand made tires. Guarantee Best 3000 Miles. (No seconds). Shipped paid on approval. Sample sections furnished quick for dealer's test offer and prices. MELLINGER TIRE & RUBBER CO. 927 OAK STREET KANSAS CITY

Cowboy FREE Watch Fob Unique Novelty, nifty leather holster and metal gun, fob genuine leather, worn by men, women, boys and girls. Sent free with a 3-months subscription to House & Household is a family story magazine of from 20 to 32 pages monthly. Send stamps or coin. HOUSEHOLD MAGAZINE, Dept. F. B., Topeka, Kan.

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

Early to Market—Full Weight

51 per cent of all hogs marketed in the United States in 1918 were Duroc-Jerseys. Duroc-Jersey hogs have proved themselves in championship shows as well as in the market. Duroc-Jersey hogs raise large families and put on weight quickly. They are hardy, easy feeders, animals that mature at an early age, and are uniformly red in color. Write for our Free booklet "Duroc-Jersey Hogs Are Prolific and Profitable." The National Duroc-Jersey Record Association. Dept. 240 Peoria, Ill. The largest swine record association in the world—12,000 members

DUROC JERSEY HOGS.

Big Type Durocs
Gilts by Great Wonder Model bred to Pathfinder.
Yearlings by Pathfinder Jr. dams bred to Shep-
herd's Orion Sensation. Senior yearlings by Path-
finder Jr. dams bred to Shepherd's Orion Sensation.
Dams bred for Sept. farrow. Big yearling boars
bred for Sept. farrow by Shepherd's Orion
Pathfinder Jr., Amplifier, etc. All priced to sell.
M. SHEPHERD, LYONS, KANSAS

ALLEY SPRING DUROCS

Pathfinder, Sensation, Orion, Col. and
other big type early March boars. Regis-
tered and immuned; \$30.00 up; April pigs
and immuned; guaranteed.
O. BLISS, BLOOMINGTON, KANSAS.

MUELLER'S DUROCS

Happy bunch of fall gilts and boars ready
for service, sired by Unecda King's Col.;
also spring pigs of classy
pedigree. Geo. W. Mueller, St. John, Kan.

WALKER'S BIG TYPE DUROCS

Two extra good spring yearling boars.
One after weaned and immuned \$50 to
\$75. One good one sired by I Am A Great
Giant spring boar at the Kansas Na-
tional Show and Victor Sensation, a real boar, guar-
anteed to please. W. H. FULKS, TURON, KANSAS.

WOODDELL'S DUROCS

Be at the Kansas State Fairs this fall. Be there
to see. Have two nice bred gilts for immediate
sale. Also plenty of boars.
W. WOODDELL, Route 5, Winfield, Kan.

WOOD'S DUROCS

Big pigs, both sexes. Great Wonder
sire; registered; immuned, double treat-
ment; satisfaction guaranteed.
W. A. WOOD, ELM DALE, KANSAS

Extra Good Bred Gilts

and summer yearlings of Pathfinder and Orion
bred for September farrow to High Orion Sen-
sation and Chief Pathfinder. Young herd boars by
Pathfinder and Great Orion Sensation. Write us about
Durocs. GWIN BROS., MORROWVILLE, KAN.

McComas' Durocs

Boars: Great Sensation and Pathfinder breeding
boars; Orion Cherry King and Pathfinder
sires. Good supply of good individuals priced rea-
sonably. Write, phone or call at my place.
D. McCOMAS, Box 455, Wichita, Kansas

Duroc Pigs, Express Prepaid

Gilts farrowed 83 pigs March litters.
at weaning. Col. Wonder, etc., immuned,
guaranteed, express prepaid. Write today.
BERTAKE BROS., ATLANTA, KAN.

High Sensation Jr.

Be shown this fall and is called a winner by
those who see him. 12 April, May and June gilts
to him and Fogo's Invincible for Sept. farrow.
and descriptions by return mail.
F. Fogo, Burr Oak, Kan., Jewell County.

Now Listen to This!

Full boars—1 by Joe King Orion, 1 by Great
Sensation, 1 by Golden Wonder. You can't
breed and the individuals are good.
J. MOSER, SABBETHA, KANSAS.

Creath Farm Durocs

For sale: 7 fall gilts bred for Sept. farrow.
all boars. Young boars (March farrow)
bred right for sale.
M. MORRIS, MGR., MANHATTAN, KAN.

DUROC SOWS AND GILTS

Farrow early fall. Spring pigs both sex. Herd
of two grandsons of Pathfinder and half brother
of Great Wonder I Am, the world's foremost sire.
Duroc. Reasonable prices.
OMER DRAKE, STERLING, KANSAS

Choice September Gilts

For September farrow, \$65; March pigs,
and litters not akin, \$35. All stock im-
muned. D. O. BANCROFT, Osborne, Kan.

DUROCS

Defenders! Largest herd of
intensely bred Colonels in the
country. Breeding stock of all ages for sale.
T. TON CASTLEMAN, BUNCETON, MO.

Big Type Durocs

A few weaned pigs of
best blood lines and
sire of Pathfinder Jr. Farmers' prices.
W. M. HAMBLIN, ALMA, KANSAS

CHARLE Durocs

Leaders since 1883.
Immune. Circular free.
E. & Searle, Route 15, Tecumseh, Kan.

PREPARED FOR SEPTEMBER FARROW

Sows and fall gilts bred to Pathfinder Sensation,
Sensation and Western Orion. They are by High
Cherry King and Pathfinder Sensation.
Ralph P. Wells, Formoso, Kan.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

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Auctioneer
1033 BROADWAY
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B. Carpenter Real Estate Auctioneer

President of largest auction school in
the world. Special four weeks term opens soon.
Auctioneers are making big money every-
where. Write today for 67-page annual. It's
free. Address
Walnut Street, Kansas City, Missouri.

L. MYERS, Beloit, Kan. LIVESTOCK AUCTIONEER

Call your 1920-21 dates with me early.

W. Rule, Ottawa, Kan. Specializing in purebred sales.

Write your date early. Address as above.

L. PERDUE, DENVER, COLO. REAL ESTATE AUCTIONEER

320 DENHAM BUILDING, DENVER, COLO.

T. McCulloch, Clay Center, Kan.

Specializing in built upon the service pay receive. Write, phone or wire.

BANK GETTLE, Livestock Auctioneer

1033 Broadway, Kansas City, Mo.
Agency First. For open dates address as above.

Jan. 12—Ross & Vincent, Sterling, Kan.
Jan. 13—F. Olivier & Sons, Danville, Kan.
Jan. 14—Barnes & Harvey, Grenola, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 17—L. R. White, Lexington, Neb.
Spotted Poland Chinas.
August 24—Henry Field, Shenandoah, Ia.
September 17—Henry Field, Shenandoah, Ia.
October 9—Henry Field, Shenandoah, Ia.
Nov. 5—Henry Field, Shenandoah, Ia.
Duroc Jersey Hogs.

Aug. 5—W. W. Otey, Winfield, Kan.
Aug. 6—W. D. McComas, Wichita, Kan.
Aug. 12—W. T. McBride, Parker, Kan.
Oct. 1—Stafford County Breeders' Asso.,
Stafford, Kan.

Oct. 7—L. C. Kirk, Vandalia, Mo.
Oct. 11—A. A. Russell, Geneva, Neb.
Oct. 15—J. C. Simon, Humboldt, Neb.
Oct. 16—Rufe & Woodleaf, Ottawa, Kan.
Oct. 18—Robt E. Steele, Falls City, Neb.
Oct. 20—Fred G. Laptad, Lawrence, Kan.
Oct. 21—Theo. Foss, Sterling, Neb.
Oct. 23—Boren & Nye, Pawnee City, Neb.
Oct. 27—Proett Bros., Alexandria, Neb.
Nov. 4—Shawnee County Breeders' Asso.,
sale, Topeka, Kan.

Nov. 5—Kempin Bros., Corning, Kan.
Nov. 6—A. C. Brockman, Centralia, Mo.
Nov. 6—Mather & Hurdette, Centralia, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 19—Will Fogo, Burr Oak, Kan.
Jan. 26—Lyon County Duroc Jersey Breed-
ers' Asso. sale at Emporia, Kan. John
Loomis, Sec'y, Emporia, Kan.

Jan. 27—Shawnee County Breeders' Asso.,
sale, Topeka, Kan.
Feb. 4—J. C. Phobold, Ohlwa, Neb.
Feb. 4—W. G. Real, Grafton, Neb.
Feb. 5—U. G. Higgins, Fairmont, Neb.
Feb. 9—Gordon & Hamilton, Horton, Kan.
Feb. 9—John Loomis, Emporia, Kan. Sale
at Bendena, Kan.

Feb. 11—Kempin Bros., Corning, Kan.
Feb. 11—Wm. Hilbert, Corning, Kan. (Night
sale.)
Feb. 14—Night Sale. Boren & Nye, Pawnee
City, Neb.
Feb. 15—Lyden Brothers, Hildreth, Neb.
Feb. 15—E. H. Dimick & Son, Linwood,
Kan., at Tonganoxie, Kan.

Feb. 16—Geo. H. Burdette, Auburn, Neb.
Feb. 17—Earl Babcock, Fairbury, Neb.
Feb. 17—Jno. C. Simon, Humboldt, Neb.
Feb. 18—Robt. E. Steele, Falls City, Neb.
Feb. 19—Guy Zimmerman, Morrowville,
Kan.
Feb. 23—C. H. Black, Neosho Rapids, Kan.,
in Emporia, Kan.

Chester White Hogs.

Oct. 20—Arthur Mosse & Daughter, Leaven-
worth, Kan.

Field Notes

BY J. W. JOHNSON

W. J. O'Brien, Tonganoxie, Kan., is offer-
ing for sale some good Chester White pigs
of May farrow. These are out of dams by
the Kansas grand champion boar Prince Tip
Top and sired by Don Combination, one of
the prize winners. Mr. O'Brien is so sure
that both pigs and prices are right that he
wants you to ship the pigs back at his ex-
pense if they do not suit you. What more
could you ask?—Advertisement.

Carl F. Smith, Cleburne, Kan., Riley
county, is the well known Kansas breeder
of big boned Spotted Poland Chinas. He is
offering in this issue fall gilts bred for
September farrow and spring boars and
gilts at bargain prices. He has lots of
them and must cut down his herd. They
are the big stretchy kind with lots of bone
and the kind that gets big. Write him at
once for descriptions and prices.—Adver-
tisement.

Poland Dispersion Sale, July 30.

L. E. Bracey, Galva, Kan., McPherson
county, has sold his farm one mile north of
Galva, and is giving possession August first
and this necessitates his closing out sale of
150 Poland Chinas at the farm Friday, July
30. In this sale he will sell a valuable herd
boar, Kansas Big Bone by Long Big Bone.
He is two years old and should go to some
breeder or farmer who needs such a boar.
There are 20 sows bred for September far-
row and some choice March boars and gilts.
Good auto roads and the farm is 10 miles
from McPherson on the old Santa Fe trail.
—Advertisement.

Big Holstein Sale Sept. 1-2.

Tuesday, August 17, W. H. Schroyer, Mil-
tonvale, Kan., Cloud County, will sell 1,320
acres of land comprising four or five farms
in the same locality in the vicinity of Mil-
tonvale. The Sutter Land Auction Com-
pany of Salina, Kan., have the land sale in
charge and the land will be cut up and sold
to the highest bidder as is the custom in all
of the Sutter land sales. If you are inter-
ested you should write them at Salina, Kan.,
for blue prints of the farms and complete
information about the big land sale. On
September 1-2, W. H. Mott, Herington, Kan.,
will conduct what he has already called the
largest sale of Holsteins he has ever sold and
the largest sale of Holsteins ever made in
the west. W. H. Schroyer is one of the well
known stockmen and large land owners of
central Kansas and about three years ago
he stocked four farms owned by him in the
vicinity of Miltonvale with high grade Hol-
stein cows. Last year \$14,000 worth of
cream was sold from these farms. Every
cow on these farms was purchased for these
modern farm dairies and not a single cow
was purchased for the purpose of specula-
tion. Now because of larger interests else-
where and the scarcity of competent help
Mr. Schroyer has decided to sell the farms
and disperse the herds of Holstein cows.
The sale will be held at Miltonvale and will
be advertised in the Kansas Farmer and
Mail and Breeze in good time. It is the
best opportunity to buy real milking Hol-
stein cows, all fall and winter milkers, 175
of them, and 125 heifers from heifer calves
to yearlings and all raised on these farms.
I ever saw. For full information, address
W. H. Mott, Herington, Kan.—Advertisement.

BY J. T. HUNTER

Earl F. Scott, Belvidere, Kansas, is offer-
ing some registered Chester Whites for sale.
These include September gilts by Star Kind
by White Star Master and are out of Peggy
by O'Neill's Prince; a September boar by
White Wonder and out of Miss Natrona by
Macbetha. These hogs are big, smooth, long
bodied and well grown. Mr. Scott is also
offering some good spring pigs by Sir Lau-
fal and out of big roomy sows.—Adver-
tisement.

G. B. Wooddell, Winfield, Kansas, writes

that his spring pigs are "sure stepping along

Stop — Listen — Wait for the 2 Great Summer Duroc Sales

Thursday, Aug. 5 Winfield, Kan.

Otey's Great Removal Sale

We must move to our new home
at Belle Plaine, Kansas, as soon
as possible. We must sell our
great herd of foundation sows
bred for fall farrow to "The
Mighty Sire" and aged champion,
Pathfinder Chief 2nd. We must
sell a lot of Pathfinder fall gilts
bred to Great Orion 3rd, perhaps
the greatest son of Great Orion,
the 1918 world's grand champion.
We must sell a number of out-
standing real herd header fall boars
sired by Pathfinder Chief, Orion
Cherry King dams. We must sell
a number of great spring yearling
gilts sired by Pathfinder Chief
open. This sacrifice removal sale
is a necessity because we must
move to our new home at Belle
Plaine, Kansas, as soon as possible.
Send for catalog and wait, and
come to Winfield, Kansas, Thurs-
day, August 5th, 1920.

**W. W. Otey & Sons,
Winfield, Kan.**

J. T. Hunter Represents
The Capper Farm Press

Friday, Aug. 6 Wichita, Kan.

30 Bred Duroc Sows and Gilts

10/ spring yearlings by Path-
finder Chief 2nd and Unecda High
Orion bred to Orion Cherry
King A.
15 fall yearlings by Col. Path-
finder and Great Sensation 2nd.
bred to Perfect Sensation and
Jack's Orion Cherry King A.
5 tried sows Pathfinder and
Sensation breeding.
This is a sale of surplus, good
useful bred sows, carrying the blood
of the most popular Duroc fam-
ilies and what's more—they are
close up in the blood of the breed's
most popular sires.
Bred sows sold in summer or
fall sale rings bring less than if
sold any other time of the year.
Here is the buyer's opportunity.
Plan to attend this sale and get
Durocs at bargain prices.
Sale at farm just out of city
limits west of Wichita. Write to-
day for a catalog. Please men-
tion the Oklahoma Farmer.

**W. D. McComas, Box 455
Wichita, Kan.**

Auctioneer, Boyd Newcomb.
Fieldman, J. T. Hunter.

De Witt Duroc Breeders

Will select the tops from 15 of their best herds for their

Annual Sale 200 Head

De Witt, Neb., Saturday, Aug. 7

150 Early Spring Gilts—50 Mammoth Tried Sows

Selected from the following herds located at the Duroc Center
of the West: C. W. Buck, Thomas Chincock, J. C. Hatz, H. O.
Waldo, L. C. Waldo, Austin Boyer, R. R. Carey, G. F. Dunn,
R. B. Johnson, E. C. Jewell, W. H. Jewell, G. W. Nicholas,
E. M. Richardson, S. Shumard and C. F. Waldo.

The spring gilts are all of early farrow, are well grown and
represent the blood of Pathfinder, Big Bone Giant, Sensation,
Great Wonder, and others of equal merit. The tried sows are
the big-type kind that have made good for De Witt breeders.
They are carrying litters to the service of one of the following
boars: Great Wonder's Type by Great Wonder; Great Orion
Sensation 2nd by the world's grand champion and a litter mate
to the great Kitterman boar; A King Sensation by King Sensa-
tion, Jr., the second prize junior at Nebraska in 1919.

WHERE CAN YOU FIND A GREATER SELECTION OF WORTH WHILE DUROCS?

Send for your Catalog of this great sale today. Address the
sale manager, mentioning this paper.

E. M. Richardson, Sales Mgr., De Witt, Neb.

J. C. Lamb represents The Capper Farm Press and will handle
your bids satisfactorily to you.

THE MOORE FARMS

Gardner, Kansas, August 7

No Matter How Small You Are in the Business of Breeding Poland Chinas

It is worth money to you to attend a sale of the breed's best from a herd that ranks at the very top. You need not necessarily come to buy. It is worth money to any one in the business to be present at an event like this. BUT you may find in this sale more bargains—more real values—than in the lesser sales. At any rate.

You Want This Catalog

Send for it now, addressing as below. The applications of those interested enough to write, especially are welcome.

What Will You See At Moore Farms?

The Emancipator and Revelation, the chief herd boars, are the "attractions" as a matter of course, but with all their importance they fitly symbolize the extremely practical establishment in the machinery of which they are major parts. If you are a young breeder what is it worth to you to study in these boars and their progeny, a master's solution of the breeder's greatest problem? Your study must start with the catalog. Send for it now.

Revelation, by a world famous sire, is out of Buster's Best, pronounced the most noted sow of the breed. The catalog is full of authentic information concerning the herd and the sale offering. The Emancipator will go into the strongest rings during the coming season of state fairs with good prospect of winning championships.

A sow or gilt bought in this sale, bred to such a boar as either of the ones mentioned, under good management, easily may prove the foundation of the most satisfactory and profitable business it is possible to conduct on the farm.

For full information as to the number, age, breeding and performance of the hogs to be sold, get the catalog. Mention this paper in writing and address

The Moore Farms, Gardner, Kan.

O. Wayne Devine will represent the Livestock Service of The Capper Farm Press.

SPOTTED POLAND CHINA HOGS. SPOTTED POLAND CHINA HOGS.

Henry Field's Spotted Poland Chinas

The old-fashioned, big, long, big-boned, prolific hogs of our grandfathers' day. The most profitable, beautiful, and popular breed in existence. We have stock of all ages for sale, from weanling pigs to tried sows. Write for prices, photographs, and full information. Everything thoroughbred, registered, vaccinated, and insured, and guaranteed satisfactory or no trade. You can either buy by mail or come to our big sale.



HENRY FIELD SEED CO., SHENANDOAH, IOWA

SPOTTED POLAND CHINA HOGS.

Smith's Reg. Spotted Polands

Fall gilts bred to farrow in September. Spring boars and gilts priced for quick sale. CARL F. SMITH, CLEBURNE, KANSAS

REGISTERED SPOTTED POLAND BOARS for service; gilts open or bred for English fall litter and dandy spring pigs of English breeding. O. W. WEISENBAUM, ALTAMONT, KAN.

Good Reg. February Boars Also registered pigs, either sex. Write me your wants. T. L. CURTIS, Dunlap, Kan.

Matthews Spotted Polands Choice boars, all ages. EARL J. MATTHEWS, Clearwater, Kan.

OLD ORIGINAL SPOTTED POLANDS Spring boars and 3 bred sows; priced right. Claude Hamilton, Garnett, Kansas

50 SPOTTED POLAND WEANLING PIGS, good litters; some fall boars and gilts. Wm. Meyer, Farlington, Kansas.

BIG SPOTTED POLAND CHINAS Closing out our entire herd cheap. H. D. Hughes & Son, Clifton, Kan.

POLAND CHINA HOGS

Poland Chinas from our Prize Winning Herd

Breeding stock of all ages for sale at all times.

Plainview Hog and Seed Farm Frank J. Rist, Prop. Humboldt Nebraska

Bred Poland Gilts

By Chief Miami and a son of Big Bob Wonder; bred to Brown's Designer, an outstanding son of Designer, for early fall farrow. Special low prices, considering blood lines, for immediate sale. Spring pigs, both sexes, of best Indiana and Ohio breeding. If it is a good big type sow or a spring boar that will put your herd in the front rank, all priced within reach, we have them. First check first choice. WALTER B. BROWN, PERRY, KANSAS

Big Type Polands

We now have a fine lot of spring pigs for sale. Also sows and gilts bred to Jack Buster. Cholera immunized. Satisfaction guaranteed. Frank L. Downie, Route 4, Hutchinson, Kan.

POLANDS—DISHER'S GIANT BREEDING March 1919 boar by Morton's Giant by Dishers' Giant; 36 in. high; 60 in. long; 9 in. bone; exceptional boar; proven breeder. Spring pigs both sex. Dams: Big Bob, Col. Wonder, Big Orphan, and Orphan Grand Master. Immunized. Satisfaction. Phone, Wichita 589. GSELL & WEBB, WICHITA, KANSAS

POLAND CHINA HOGS

POLAND CHINA DISPERSION SALE

Having sold my farm for August first possession I am closing out my entire herd of Poland Chinas.

One mile north of

Galva, Kan., Friday, July 30

20 bred sows to farrow in Sept., 20 March gilts, 10 March boars. 100 pure bred hogs sold as stock hogs. My valuable herd boar, Kansas Big Bone by Long Big Bone, will be sold and will prove a great bargain for some breeder.

L. E. Bracey, Owner, Galva, Kan. (McPherson County) Old Santa Fe Trail

BIG TYPE POLAND CHINA HERD

Herd improving boars for sale; grandsons of Caldwell's Big Bob, grand champion World on one side, and of William's Wonder Giant Joe and Liberty Bred on the other side. Immunized against cholera and ready for service. The Hall Stock Farm, Coffeyville, Kansas

SPRING PIGS, BOTH SEX

Priced to sell. Wonder and Price breeding. Satisfaction. E. J. THOMAS, Edna, Kan.

4 PUREBRED POLAND CHINA BOARS

About 5 months old, papers furnished, write for particulars. Theodore McNeill, Box 103, Corning, Kan.

HAMPSHIRE HOGS.

Walter Shaw's Hampshires Will sell pigs both sex, pairs and trios, unrelated. Ready to ship now. Messenger Boy and Amber Tipton breeding. Phone 3918, Derby, Kan. Address Route 6, WICHITA, KAN.

SHEEP AND GOATS

For Sale

Twenty-five purebred, unregistered yearling and 2-year-old Shropshire rams. Peabody phone. K. HAGUE, R. 3, PEABODY, KANSAS

SHROPSHIRE RAMS Yearling rams, mostly Bibby breeding. Nice ones. Satisfaction guaranteed. O. A. Homan & Sons, Peabody, Kansas.

Eight Shropshire Rams For Sale

Eligible to reg. L. E. Beaman, Latham, Kan.

When writing advertisers mention this paper.

now." What else could one expect when considering the good sows and the boar at the head of Mr. Wooddell's herd. He also adds that corn is fine and with a fair season from now on there will be lots of corn to develop the fall litters and the sows for next spring's farrow. If you want a good Duroc why not write Mr. Wooddell? You will find his card in this paper.—Advertisement.

Holsteins Are Good Milkers.

T. M. Ewing, Independence, Kan., has three cows on semi-official test; two three year olds and one five year old. One of the three year olds, Lillian Korndyke Sarcastic, has produced at the end of 7 months 15,379 pounds of milk. The other three year old, Queen Mahomet Colanthus, has produced at the end of six months 8,591 pounds of milk and 327 pounds of butter. The five year old cow, Ruth Josephine Mahomet Colanthus, at the end of nine months has produced 10,964 pounds of milk and 425 pounds of butter. Mr. Ewing has for sale two young bulls. One bull is out of the first mentioned cow and the other is by King Segis Pontiac Repeater and out of a 20 pound two year old. If you want to buy a good herd sire prospect here is a good opportunity.—Advertisement.

Some Good Holsteins.

B. R. Gosney, Mulvane, Kan., owns a daughter of Johanna Colantha Lad that at 9 years old milked 770 pounds in seven days. She was grand champion female at the 1919 Kansas National show at Wichita and was on test during the 1920 show or would have competed again. A two-year-old heifer out of this cow broke the seven-day state record for butter in 1919, producing 23.25 pounds in that time. Mr. Gosney owns the only bull in Kansas that is the son of that wonderful sire, King of the Pontiacs that had 250 A. R. O. daughters. This is more than twice as many as any other bull of the breed produced and the bull ranking next to him was his own sire. Mr. Gosney has several good young bulls for sale by this bull and out of high producing dams. He has a few females for sale also. Mr. Gosney erected the first dairy barn in Kansas completely equipped with the King ventilating system. These are several well equipped dairy farms near Mulvane and Mr. Gosney has one of the best. Write Mr. Gosney today if you want a good Holstein. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Eight Holsteins on Year Test.

C. L. Goodin, Derby, Kan., has 8 Holstein cows on a semi-official yearly test. Some of them are now in the ninth month of the test and none in less than the fourth month. An eight-year-old cow in the eighth month of test has produced in round numbers 15,000 pounds milk and 600 pounds butter. A six-year-old cow produced 2,100 pounds milk and 90 pounds butter in June, the third month of her test. A three-year-old cow freshening five months ago is milking 60 pounds of milk a day at the present time. Mr. Goodin recently bought from Eugene Swinehart, Derby, Kan., a cow that in March broke the seven-day state record for senior four year olds. This cow in seven days produced 603 pounds milk and 24 pounds butter. Mr. Goodin is continuing this cow on yearly test. The two-herd sires on Mr. Goodin's farm are King Hengerveld Pieterje Fayne, a two-year-old son of the cow which holds the state record for full age class in both seven-day and 30-day production. This dam in that time produced 784 pounds milk in seven days and 3,050 pounds in 30 days. In her last three lactation periods she averaged better than 28 pounds butter in seven days. The other bull is Sir Aggie Korndyke Meade, a company bull owned by Goodin Bros., High Kan. and Ora McKnight, all of Derby, Kan. The nearest five dams of this bull averaged 1,096 pounds butter in one year and 23,000 pounds milk in the same time. This is an unequalled Kansas record. Mr. Goodin has some good young bulls by these herd sires and out of some of his best dams. These bulls can be bought at reasonable prices. Write him today. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Kansas Half Brother of Great Wonder I Am.

Great Wonder I Am that recently died was one of the greatest Duroc boars the breed has ever produced. In addition to being a great show boar he was a consistent producer of show hogs thru all his years of service. Take last year, 1919, for instance, the grand champion boar at Iowa, Nebraska, Minnesota, Missouri, South Dakota, Idaho, Utah, California, and the National Swine Show were either sons or grandsons of Great Wonder I Am. Homer Drake of Sterling, Kan., has as one of his herd sires a half brother of this great boar. His boar, Great Wonder Model, is also a great boar and one of the best sires in Kansas. He won first as a junior yearling in 1918 at both the Topeka and Hutchinson state fairs and has produced prize winning pigs also. In addition to strengthening Duroc herds in Kansas, Mr. Drake has two good grandsons of Pathfinder, another one of the most widely and favorably known Duroc sires. These two Pathfinder boars assisting Great Wonder Model have produced for Mr. Drake some extra good Durocs. At the present time Mr. Drake is reducing his herd somewhat and will sell the following bred sows and gilts: Illustrator May yearlings out of Kansas Critic dams bred to Great Wonder Model; junior yearling Great Wonder Model sows out of a Crimson Gano 2nd dam. (This dam is a litter mate to the 1917 grand champion sow at the Hutchinson fair); Pathfinder Jr. fall gilts out of a King's Col. dam that was second place in the all-Kansas herd at Hutchinson in 1918 and was the choice gilt of the litter. These gilts are bred to Great Wonder Model; Fall Great Wonder Model gilts out of a Good Enough Chief dam and bred to a son of Pathfinder Jr. Mr. Drake has sows and gilts of other breeding but these typify the majority of the blood lines in his herd. In addition to these bred sows and gilts he has a nice lot of spring pigs, both sex, from the above mentioned sows and by the herd sires. Here is the buyer's opportunity to get some tried sows carrying blood lines that have proven the best in the Duroc breed. Address mentioning Kansas Farmer and Mail and Breeze, Homer Drake, Sterling, Kansas.—Advertisement.

Holstein Records at Stubbs Farm.

Four state records were made by three Holstein cows the past year at the Stubbs Farm, Mulvane, Kan. Peacock Korndyke Burke, a six-year-old cow, broke both the seven-day and thirty-day state record for butter production by mature cow by producing 30.64 pounds in seven days and 115.6 pounds in thirty days. Colantha Queen Jo-



SPOTTED POLAND CHINAS

The Hogs of the Hour 40 BRED SOWS

sell from the herd headed by BOOSTER KING

Thorntown, Ind., Aug.

No better opportunity has ever been offered to improve your herd at a nominal figure. No boar, living or dead, has worked the breed improvements in quality, color and conformation as has Booster King. In this sale he is ably assisted by BIG STEVE, who is causing consternation in the aged boar camps of the coming show season.

Hogs bought in our sales invariably go out and make a "barrage" of money."

This offering combines size, quality, color and breeding seldom ever seen in one offering. The matings with the above boars make them a most desirable lot.

YOU CANNOT AFFORD TO MISS THIS SALE.

Write at once for our catalog and if you cannot attend in person ask us how we can make it easy for you to make a satisfactory buy even tho not at the sale.

SPECIAL

"The Breeders Store-House"

has some young boars, a few bred sows and some young stock from grand champion blood for sale at private treaty. Prices reasonable, satisfaction guaranteed. Write about the blood that will improve your herd.

S. R. Youkey & Sons Thorntown, Ind.

CHESTER WHITE HOGS.

Chester Whites

From the two most popular blood lines sale. Wildwood Prince Jr. and Wm. A. Lenora 4th, strains. Good big early and gilts bred for September farrow, immune. E. M. RECKARDS, 817 LINCOLN STREET, TOPEKA, KANSAS.

Chester Whites For Sale

May pigs, either sex, dams sired by Kansas champion Prince Tip Top. Pigs by Don Combination, a sire of prize winners \$15, sows \$25. If they are not what you want, express them back at my expense. W. J. O'BRIEN, TONGANOXIE, KAN.

Hume Herd Chester White Hogs

For sale. 4 fall boars, well grown and ready to priced for quick sale \$50 to \$65. First check choice; satisfaction guaranteed or money refunded. Spring pigs priced in pairs and trios not skinned at once. CLAUDE B. THOMPSON, HUME.

Chester Whites

Gilts sired by the grand champion Prince Tip Top bred to Tonganoxie Chief for September farrow, each. A few more fall boars; also March and April boar pigs, \$25 to \$40. HENRY MURR, TONGANOXIE, KAN.

Reg. Chester Whites

Sept. gilts, 200 pounds, open, \$50 each. Sept. \$25 pounds, unrelated to gilts, \$60. Double treated and registered. EARL F. SCOTT, BELVIDERE, KAN.

O. I. C. REGISTERED PIGS

for sale; Nat. prize-winning show blood. Priced each at weaning time. Earl Anderson, Elwood.

O. I. C. PIGS

E. S. ROBERTSON, REPUBLIC, MISSOURI. CHESTER WHITES—Fall and spring gilts and boars. Chickasaw Kossuth and Chief, Keokuk and Satisfaction guaranteed. E. E. Smiley, Perth.

BIG CHESTER WHITE GILTS AND BOARS for Sept. farrow. \$50 and \$60 each for sale. W. K. MUELLER, St. John, Kan.

BERKSHIRE HOGS.

BRED BERKSHIRE GILTS AND RAMBOUILLET PIGS. Good ones, for sale. Also some good spring pigs. R. C. KING, R. 4, BURLINGTON, KAN.

AUCTIONEERS.

JOHN D. SNYDER HUTCHINSON, KANSAS

Experienced auctioneer. Livestock and big sales of all kinds.



SHORTHORN CATTLE
LOOKABAUGH SHORTHORNS
 FOR THE NEXT SIXTY DAYS WE WILL SELL ON TIME
High-Class Herd Bulls
 The kind that will add prestige to your herd, yet cost no more than elsewhere. Remember, the position your herd will occupy in the future depends on the standing of the sires used.
H. C. LOOKABAUGH
 Tonga, Oklahoma

Genuine Herd Bulls
Master of the Dales
 and out of
Collynie Bred Cows
 Master of the Dales bulls are proving themselves splendid breeding bulls and can show you a few real bulls of the class herd heading character. They are a practical, husky and well-bred lot that will appeal to breeders wanting bulls of real merit.
M. Hill, LaFontaine, Kan.

86 TOMSON SHORTHORNS 1920
 High class cattle of most popular sires. Sires: Village Marshal and Ever Creek Sultan.
 Several extra good young herd bulls for sale.
TOMSON BROS.
 Wakarusa, Kansas, or Dover, Kansas.

SHORTHORN BULLS
 All ages. Address
NT BROS., BLUE RAPIDS, KAN.

POLLED SHORTHORNS
POLLED SHORTHORN BULLS
 Husky reds and roans 12 to 30 mo. old. Ready to sell. Can spare a few females.
M. HOWARD, HAMMOND, KANSAS.

Polled Shorthorns For Sale
 Choice young bulls and heifers; whites and reds. Four cows, heavy springers.
LAYTON BANE, BELTON, MISSOURI

RED POLLED CATTLE
SHORT LARNED RANCH
 200 HEAD OF REGISTERED RED POLL CATTLE
 Number of choice one and two-year-old bulls and heifers from one to three years old.
E. FRIZELL & SONS, FRIZELL, KAN.

RED POLLED BULLS
 Extra fine registered bulls for sale. Write for descriptions, or better come and see them. Bulls used in the herd were from the breeding herd of the best Red Polled herds in the country.
GEORGE HAAS, LYONS, KANSAS.

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

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

ABERDEEN ANGUS CATTLE.
12 Bulls
 Eighteen to twenty months; big strong fellows. Priced to sell.
J. D. MARTIN & SONS
 R. 2, Lawrence, Kan.

Special Angus Offering
 Registered young cows bred to show bulls. Three-year-old heifers bred. 35 yearling cows. Young bulls serviceable ages. Two-year-olds.
BUTTON FARM, RUSSELL, KANSAS

AYRSHIRE CATTLE.
Ayrshire Cattle For Sale
BERT P. CAMPBELL, Attica, Kansas.

HORSES AND JACK STOCK
Shires—Belgians—Shires
 Fair prize-winning stallions and bred mares bred to Champion Mammoth Jack.
 Also extra heavy Chandelers.
Chandler, Rt. 7, Chariton, Ia.
 When writing advertisers mention this paper.

hanna Lilly broke the thirty-day state record for junior three-year-old by producing 107-pounds of butter. This cow also produced 29.5 pounds of butter in seven days. Lady Rose Clothilde DeKol broke the seven-day state record for senior three-year-old by producing 26.54 pounds of butter in that time. A ten-year-old cow produced over 25 pounds in seven days. Two five year-olds produced over 25 pounds each. Four five year olds produced over 23 pounds each and three two year olds produced over 13 pounds each in seven days. A number are now on yearly test and maintaining large records. J. P. Mast, Soranton, Kan., a Holstein breeder of more than thirty years successful experience in showing cattle and developing high producers recently purchased from the Stubbs Farm a bull calf whose dam has a record of 29.5 pounds of butter in seven days as a three year old and a 107 pound record in 30 days at same age. This 30 day record is the best in Kansas for the same age. This cow is a direct descendant of Colantha 4th Johanna, the only cow to hold the world's record for both milk and butter for all periods from one day to one year. The calf sold Mr. Mast is by the Stubbs Farm junior herd sire, King Wren Ormsby Plebe whose two nearest dams averaged over 1,000 pounds butter in one year. This bull is closely related to Sir Victor Ormsby Mercedes who has 13 daughters with over 1,000 pounds butter production in one year. This illustrious ancestor is known as the greatest sire of show ring winners in the world and he has sired more daughters that have made over 1,300 pounds butter in one year than any other bull of any breed. He also sired more daughters that produced over 29,000 pounds milk in a year than any other bull. The dam of Mr. Mast's calf was second in the two-year-old class and the sire won first in the junior yearling class at the last Kansas National Show at Wichita. This young bull recently purchased by Mr. Mast will undoubtedly make a record for himself.—Advertisement.

BY J. COOK LAMB

A. R. O. Foundation Cows.
 It is seldom that it is possible to buy a foundation Holstein herd consisting of 12 A. R. O. cows. Such a herd is offered for sale at this time by the Union College Holstein Farms, College View, Neb. The college herd is a good one headed by a son of the \$50,000 King Segis Pontiac Alcartra, College King Segis Alcartra. The herd is also the home of the Nebraska State Fair champion Uneeda Polkadot Elsie. The herd of A. R. O. foundation cows are the feature offering from the college herd at this time but if you are in need of a good bull you will find some good values from the best cows in the college herd and sired by College King Segis Alcartra.—Advertisement.

The Duroc Center of the West.
 The De Witt Duroc Breeders will pull off one of the largest Duroc sales of the year, selling around 200 head. They are building a new brick sale pavilion which is one of the most up-to-date to be found and will cost around \$12,000. It will be ready for the sale August 7, when these breeders will sell 125 to 150 spring gilts and 40 head of bred sows. These Durocs have been selected from the following herds: C. W. Buck, Thomas Chinnock, J. C. Hatz, H. O. Waldo, L. C. Waldo, Austin Boyer, R. R. Carey, G. F. Dunn, R. E. Johnson, E. C. Jewell, W. H. Jewell, G. W. Nicholas, E. M. Richardson, S. Shumard and C. F. Waldo herds. A selection of the top individuals and the most up-to-date blood lines from these 15 good herds. De Witt is known as one of the largest Duroc centers of the West. These breeders all work together and for years have been striving to produce the best that grow and the kind that the breeders demand. The spring gilts are all of early farrow and are well grown, of the latest type and blood lines such as Pathfinder, Big Bone Giant, Sensation, Great Wonder and many others. The 40 sows which sell are bred to Great Wonder's Type, he by Great Wonder, Great Orion Sensation 2d, by the world's grand champion and a litter mate to the Kitterman boar; and A King Sensation by King Sensation Jr., the 2d prize junior at Nebraska, 1919. Where can you go to have a greater selection? Do not fail to write for one of the sale catalogs at once and if you want some money making Durocs be present or represented at this sale.—Advertisement.

BY O. WAYNE DEVINE

Moore Farm Poland August 7.
 No sale should attract greater attention among breeders or farmers interested in Poland China hogs than that of the Moore Farms to be held at Gardner, Kansas, Saturday, August 7. The Moore Farms herds are in the top place among Poland. A visit to the farm is a liberal education in Poland China breeding and management. The fact that the Moore Farm Poland are top notchers is perhaps one of the reasons why hogs purchased in their sales are almost always among the leading money makers of the year. The breeder with an old established herd goes there to buy because he knows he can there get the blood and individuality which will work an improvement. Beginners go there because they know a Moore Farms foundation will be the basis of a herd of top hogs. They know that the Moore Farms are absolutely reliable and there are no chance freaks in the offering but that every animal offered is good because it is backed by years of careful thought in the mating of almost perfect individuals. Attend the Moore sale and if you are lucky enough to take home a bred sow you can rest assured that you will at least have one sow and litter that is as good as the best. Get the catalog today by mentioning this paper and writing to The Moore Farms, Gardner, Kansas.—Advertisement.

"MORE THAN ALL OTHERS COMBINED"

Kansas Farmer and Mail and Breeze, Topeka, Kansas—Enclosed find check for Shorthorn ad in Kansas Farmer and Mail and Breeze.
 We have had ads in different papers, but have had more results from six months in the Kansas Farmer and Mail and Breeze than all the others combined. Yours truly, Meuser & Co. Breeders of Shorthorn cattle. Anson, Kansas.

Mid-Summer Clean Up Sale!

High Grade Holstein Cows and Heifers

Mid-summer sales are always good places for the buyer and this big sale will be no exception. Good railroad facilities and splendid auto roads. Sale at farm 4 1/2 miles northwest of Wakarusa, 3 miles east of Auburn, 12 miles southwest of Topeka. Burlingame apto road.

Wakarusa, Kan., Wednesday, July 28, 1920
 Sale under big tent and lunch at noon.



Here is the Lineup: 50 cows (all young cows) now in milk or heavy springers; 35 two and three year old heifers, either fresh or to freshen soon; 15 cows and heifers to freshen by Jan. 1; 3 registered yearling bulls. Everything tuberculin tested. Sale starts at 11 A. M. For further information address

Jas. Broughton, Wakarusa, Kan.

Aucts: C. M. Crews, Topeka, Kan.; Jas. T. McCulloch, Clay Center, Kan.
 Note—Parties coming to Topeka can go to Wakarusa at 9:40 in the forenoon (Santa Fe) and return at 7:50 that evening. Free auto from Wakarusa to the farm. If driving take auto road southwest out of Topeka. The farm has always been known as the old H. K. Johnson farm.

WILL SELL 12 A. R. O. COWS

Foundation stock. Your choice. Have a few bulls left from such cows, sired by 35-lb. son of King Segis Pontiac Alcartra, the \$50,000 bull. Home of Uneeda Polkadot Elsie—Champion at Nebraska State Fair.
Union College Holstein Farms, College View, Neb.
 This Ad will not appear again

HEREFORD CATTLE
250 REGISTERED HEREFORDS

Headed by Don Balboa 14th 596021, by Don Carlos 263493. For sale—50 cows about half with calves at foot; 20 open heifers; 15 bred heifers; five good young bulls, herd header prospects. **LEE BROS., HARVEYVILLE, (Wabaunsee County), KANSAS.**

ANXIETY BRED HEREFORD COWS
 4 cows and one herd bull at \$250 each. 3 cows have calves at foot; other will calve soon. Am retaining the calves. For further particulars address **E. C. MUNSELL, RUSSELL, KANSAS.**

JERSEY CATTLE
Reg. Jerseys For Sale

From U. S. Accredited Herd: Two grandsons of Marjoram Fontaine 251181 in class A. A., 854 lbs. 7 oz. butter from 14,268.7 lbs. milk in one year. One is grandson of Financial Beauty King 132904 and one a grandson of Financial Count 61318. Can spare some young cows and heifers. Write or call. **SCANTLIN JERSEY FARM, Savonburg, Kan.**

Hillcroft Farms Jerseys headed by Queen's nounced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 80 tested granddaughters and 24 producing sons. Choice bull calves for sale. Reference Bradstreet **M. L. GOLLADAY, PROP., HOLDEN, MO.**

10 JERSEY COWS FOR SALE
 9 of them from 2 to 6 years old. The best of my herd. **E. H. Knepper, (1 mi. N. W. of town) Broughton, Kan.**

HOLSTEIN CATTLE
HOLSTEIN HEIFER CALVES

We have a few extra choice heifer calves for immediate delivery. \$30 express prepaid anywhere in Kansas. **A. D. MARTIN, EMPORIA, KANSAS**

HOLSTEIN OR GUERNSEY CALVES
 either sex, 6 to 8 weeks old, \$30 each; express paid by us. Write for particulars. **Spreading Oak Farm, R. 1, Whitewater, Wis.**

YEARLING HOLSTEIN BULL, \$135
 Grandson of King Pieter 60771, that sired 42 A. R. O. cows. A bargain. **W. H. WILLIAMSON, RAYMOND, KAN.**

FOR HIGHLY BRED HOLSTEIN CALVES
 Heifers and bulls, 6 to 8 weeks old, beautifully marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Write Fernwood Farms, Wauwatosa, Wis.

HOLSTEIN CATTLE
Facts in
BLACK & WHITE

Purebred Holstein Cows Lead

After a 6-year study of dairy operations on over 20 farms in three different parts of Minnesota, Prof. Cooper of the State Experiment Station finds that dairying is most profitable in the "Holstein Section" of the state.

In 1905 the average profit per cow was only \$10.10. In 1909, it had increased to \$38.45 per cow, or 43 per cent on capital invested. Increase was due to improved herds, purebred Holsteins having been substituted for grade beef breeds. As soon as dairying is put on a systematic basis, the Holstein cow comes to the front. If facts and figures mean anything to you, send for our illustrated literature.

The Holstein-Friesian Association
 292 Hudson Street
 Brattleboro, Vermont

HOLSTEIN-FRIESIAN BULLS

Several ready for use. A good lot of younger ones from A. R. O. and prize winning ancestry. Prices reduced for 30 days. Write us about what you are wanting.
McKAY BROS., CADDO, COLORADO

Dissolution and Dispersion

Public sale, October 5, 1920. 150 head, registered cows, heifers and bulls. Western Holstein Farm. **Hall Bros., Owners and Breeders**
 Box 2, South Denver Station, Denver, Colo.

Have You Seen That New John Deere Plow?

Because it is built of new-process John Deere steel, the No. 40

- weighs less than the average horse-drawn sulky plow;
- pulls extremely light—a real fuel saver;
- stands the strains under all conditions—its beams are guaranteed not to bend or break.

Due to the self-adjusting hitch—an exclusive John Deere feature—bottoms run true and level at all depths—they neither “nose in” nor “hop out” of the ground.

Its John Deere bottoms insure good work.

It's Built Especially For the Fordson Tractor

YOU have been hearing for some time, no doubt, that John Deere was building a new plow especially for the Fordson tractor.

Perhaps you are one of the many farmers who asked that John Deere build such a plow.

Perhaps you are one of the many who have gone to John Deere dealers with the query: “When can I see that John Deere plow built especially for the Fordson?”

John Deere specialists took their time in building the plow. They had the John Deere reputation to consider, first of all. They knew that farmers expect especially good performance from a John Deere plow. Their task was to give the user the benefit of such performance behind his Fordson tractor—to fit a John Deere-quality plow to the Fordson as carefully as a good tailor fits a suit of clothes to a customer.

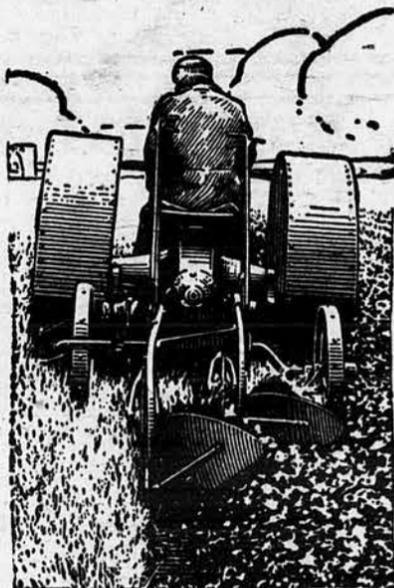
The plow is now ready. It has been branded with the famous John Deere trademark of quality. It is called the John Deere No. 40.

Here Are Features That You have been Wanting

Imagine a two-bottom tractor plow that is lighter than the average horse-drawn sulky plow—

—a tractor plow that pulls so light that it soon pays for itself in lower fuel consumption, greater acreage per day, minimum wear on the tractor—in all the factors that mean lower plowing cost per acre—

—a tractor plow that has this desirable light weight and light draft plus tremendous strength—beams that are guaranteed not to bend or break; frame construction that stands all of the strain of utilizing the tractor's power under all conditions.



The No. 40 fits the Fordson. The No. 45 is built for use with ANY “two-plow” tractor.

Those are important features of the No. 40 that you are sure to appreciate.

Beams, braces and axles are made of a new process, John Deere steel that combines the desired lightness with the necessary strength.

It's the Plow with the Self-adjusting Hitch

The No. 40 has a self-adjusting hitch—an important advantage in plowing with the Fordson.

When you adjust the plow for depth with the depth lever, the hitch point auto-

matically regulates itself to the correct line of draft. That means that the bottoms run true and level at all depths, doing uniformly good work all the time.

It means that there is no undue wear on shares because of bottoms “sledding” or “running on their nose”; no worry or loss of time over hitch adjustments.

The self-adjusting hitch is exclusively a John Deere feature. Any plow for use with the Fordson needs it, but—no other plow has it.

John Deere Bottoms do Good Work; Wear Well

The No. 40 is equipped with genuine John Deere bottoms—the bottoms that scour, wear well and make good seed beds.

These bottoms include both steel and chilled types in a variety of shapes to meet different requirements.

The shares are quick detachable—loosen one nut to remove a share; tighten the same nut and the share is on tight.

The power lift of the No. 40 is simple, strong and positive. It works perfectly. The lifting parts move only when the plow is being raised or lowered—practically no wear.

This is the Plow the Fordson Needs

If you are planning to buy a Fordson tractor, it will

pay you to investigate the No. 40.

The tractor will give you pulling power. It will be up to the plow you buy to apply that power. Remember that, no matter how well a tractor may do its part, the plowing outfit is no better than its plow—just as no knife is better than its blade. You need the best plow you can get.

The No. 40 may be on display in your town now. If it isn't it soon will be. Get acquainted with it thoroughly before you buy your tractor.

The best place to judge the No. 40 is in the field. Watch it at work and see for yourself how wonderfully light it pulls; how simple and strong the hot-riveted frame construction; how the self-adjusting hitch keeps the bottoms running true and level at all times, and how the bottoms scour, pulverize and turn the soil in that John Deere way—the way the practical farmer wants it done.

Another Plow for ANY “Two-Plow” Tractor

If you are planning to buy a “two plow” tractor other than the Fordson you will be interested in the John Deere No. 45. This plow is exactly like the No. 40, except that it has a flexible hitch and rear furrow wheel. It has the fuel-saving light draft, the strain-resisting strength, and the seed bed-making qualities of the No. 40. It is adaptable for use with any standard two-plow tractor.

Ask us to send you free booklets describing these lighter, stronger plows for “two-plow” tractors. Drop us a postcard or letter today. Ask for booklets F-111.

JOHN DEERE MOLINE, ILLINOIS