

# THE FARMERS MAIL AND BREEZE

November 7, 1914

cop 2





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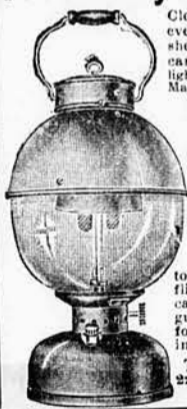
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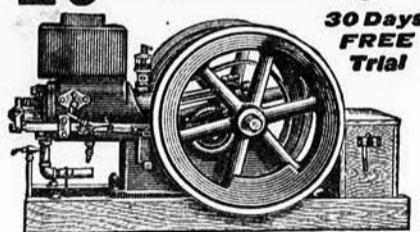
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## JUST ABOUT FARMING

### Waste Land

THE war in Europe has made it even more important that the loafing acres on Kansas farms should be put to work. The prices for crops and livestock will be higher for a year or two no matter what occurs abroad, and if the struggle continues for several years the rise will last much longer. Much of the farm land in Kansas is used in a very inefficient way—we have enough idle soil to support a greatly increased population. Let's use all the land.

Just the way in which the soil is being wasted depends on the individual farm of course. It may be in low land that needs draining, in timber and brush in the pastures that should be cleared, in inefficient cropping methods and in about one thousand and one other ways. Let's increase the amount of land we use, and thus increase the profits.

A big acreage of alfalfa was sown in Kansas this year; more than 1,200,000 acres now is planted to this crop. An increase in this area to three times the present size would be perhaps the most profitable thing that could occur to Kansas agriculture.

### New Farm Text

A new text book on Kansas agriculture of more than 500 pages is soon to be issued by the state printing plant. This book was written by the specialists in the Kansas Agricultural college, under the editorship of L. E. Call and H. L. Kent, and it will be used in teaching agriculture in the common schools. It will be the best book on farming that ever was published for use in the grades. Kansas is especially fortunate in having a book of this kind for its children.

Thousands of horses are going out of this country to Europe every week. Mare owners should plan to cover this loss by producing a larger colt crop—and more attention should be given to the breeding of these animals. We should be past the day of the scrub stallion in Kansas.

### Seed Corn

The seed corn for next year's crop ought to have been selected from the field before now, but on many Kansas farms this has not been done. In the selection from now on the important thing is to remember that the ears should be dried as soon as possible. There are no temperatures known in the corn belt that will damage corn that is thoroughly dried out, and yet this is the main cause of injury to seed corn. Select the seed ears at once, and store them in any dry, well-ventilated place so the air can circulate around them readily. Increase the percentage of germination next spring and the profits next fall by a little care now.

An increased acre profit obtained by the production of larger crops is a much needed thing on many Kansas farms.

### Sudan Grass

Good results have been obtained with Sudan grass on most Kansas farms this year. The crop matured profitable yields at Wilroads, near Dodge City, for Lee H. Gould, with less than an inch of rain from the first week in July until September 15. It did as well on the farm of J. K. Freed of Scott City. The results indicate that it has an important place on the uplands of western Kansas.

It is possible, according to W. E. Watkins, of Iola, county agent for Allen county, that it has a place on the shale formed soils of southeastern Kansas. The small plantings near Iola on hardpan land did well this year. Of course just what it would do on that land in years of excessive rainfall remains yet to be seen.

The seed of Sudan grass is astonishingly high this year, and there is but

little hope that it will be lower, for the demand is much larger than the supply. From 2½ to 3 pounds will plant an acre in rows. There will be a great many small plantings next year, which will be made to produce seed for local use.

### Improve Pastures

Perhaps the greatest limitation of the livestock industry in Kansas today is the distressful condition on many pastures. The dry weather and over-pasturing of the last few years have greatly reduced the yields. These yields must be increased if the profits are to be maintained.

The fact is quite obvious that a pasture requires just as much intelligent management as a cultivated field. Weeds, brush, and rocks must be removed. Over-pasturing must be stopped. Give the grass a chance.

Time frequently is available in the winter to remove the rocks from the grass land. This is work that will pay well. Pile these rocks where they will stop soil washing. Grub and dig out enough of the buck brush or other scrub growth so the mowing machine will cut through it. This mowing will pay well—Earl Ferguson of Valley Falls has been mowing the pastures on his place in August for many years, and it has resulted in a much better growth of grass than can be found on the average farm.

Give the pastures a square deal. Give them a chance to make you more profit.

### Successful Farmers

Kansas has thousands of men who have made a great success in farming. Every community has one or more farmers who have made a great deal more money than their neighbors, and at the same time have been constructive leaders for the better things. Is there a man in your community who has made more money than you? Has he grown larger crops or better livestock? If this is true, you would do well to find out how he does this. Find out the methods he has used and then adopt some of them. An increasing respect for the successful farmers is a much needed thing in Kansas.

### Better Woodlots

Thousands of acres is being wasted in most counties in eastern Kansas by growing low-grade timber in the woodlots. Some of this land should be cleared and farmed, to put it to the best use. But a great deal of it overflows or is broken or for some other reason will not make good farming land. This soil should be made to produce the best return possible, by growing good timber.

But the average farm woodlot in Kansas is not growing good timber. Ninety per cent of the stand of timber along the Neosho and many of the creeks that empty into it on most farms, for example, is in elms and other cheap trees. A crooked elm will not produce much profit, neither is it a joy forever. It should be cut.

In cutting trees in the woodlot use those that have the least value which will do for your purpose. Gradually remove the elms, cottonwoods and other low-grade timber and the crooked trees of valuable varieties like black walnut and oak.

The ideal should be to improve the stand of timber in cutting instead of reducing its value. Help the woodlot to grow more valuable with the years.

### Co-operation

Every business in the world except farming is well organized. Combination in other lines has been the rule because it is more profitable than to operate in smaller units. The same principle applies to farming. A farm is too small a unit to operate to the best advantage as the buying and selling unit. Kansas agriculture will be made more profitable by the rapidly increasing development of co-operation.

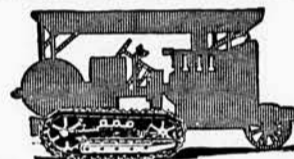


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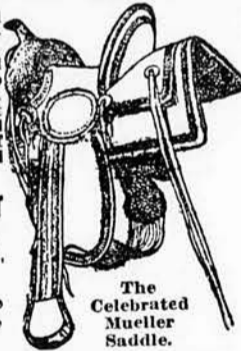


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# THE FARMERS MAIL AND BREEZE

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## Where War Helps Increased Profits Can Be Made by Raising Draft Horses—Europe is Taking the Light Ones Now

By F. B. Nichols, Field Editor

THE war in Europe will have a beneficial effect on the Kansas draft horse industry. It will increase the prices for grade animals, and make it possible to get rid of some horses that the state can well afford to lose. The buyers are taking animals as light as 900 pounds. Then the supply of purebreds from Europe will be cut off, and this will increase the opportunity for the production of registered animals.

"Kansas has a great opportunity to make money from this struggle in Europe if the farmers go into the development of the horse raising business intelligently," said Dr. C. W. McCampbell, secretary of the Kansas Livestock Registry board, a few days ago. "But increased returns can be obtained only on the basis of quality. The thing to do is to get rid of the ordinary animals at good prices, and then to pay a great deal more attention to breeding and feeding the horses we are raising."

"More than this we must consider the probable future effects of this war carefully, and not make any fundamental mistakes in our breeding operations. Now the main effect will be to destroy draft horses, and to make the supply much smaller for many years. This means increased prices, with a special premium for quality—for efficient draft animals that are good workers."

"But it does not mean that there will be an increased opportunity in the production of mounts for the army, although it has greatly increased the interest in this business. I am finding, for example, that many Kansas farmers are talking of breeding their good draft mare to light stallions next year, to produce an animal for use in the army. This would be a big mistake; the thing to do is to go ahead with the production of high grade draft animals. Every good draft mare should be bred to the best draft stallion available."

This war and the increased interest it is causing in horses has served to call attention to the fact that the Kansas draft horse business is large, and also to the fact that on many farms it is being managed in a very inefficient way. The value of the horses and mules on Kansas farms is about 150 million dollars, which is considerably greater than the value of all the cattle, hogs and sheep. The cost of keeping these horses and mules from July 1, 1913 until the same date this year was 40 million dollars, according to Dr. McCampbell, which is a large expense item this state has to pay. When these facts are considered the importance of more efficiency in the

horse business in Kansas may readily be realized.

Encouraging progress is being made in the horse business. Sixty per cent of the stallions standing for public service in Kansas in 1910 were grades, and but 40 per cent were purebreds. About 55 per cent of the animals now are purebreds, and but 45 per cent are grades. In other words, there was a decrease of 1,240 grade animals in that time and an increase of 460 purebreds. These are pleasing items in the development of the

horse business in Kansas may readily be realized. This makes a business for the year of \$500. The cost of keeping a stallion was placed by most of the owners at from \$25 to \$35 a month. But say that it is \$25, this makes the charge \$300 a year. Then it has been proved that 4 out of every 10 colts in Kansas are not paid for—but make this loss only 20 per cent, and there is a decrease in the income of \$100. The average purebred stallion is worth at least \$1,000, which

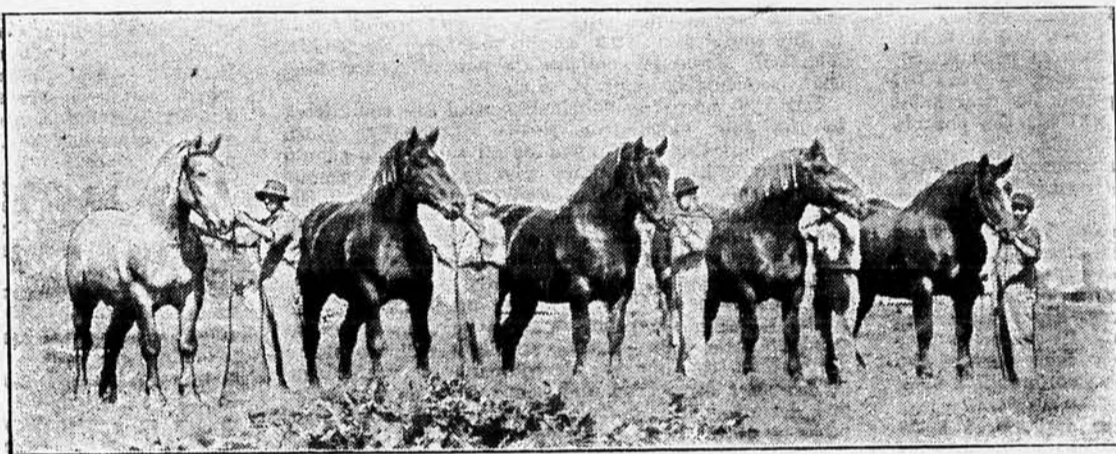
this is the average cost for this state.

A good purebred stallion is of great service to the community. It aids much in the development of higher grade animals in that section. The increased fee which the owners of good purebred animals must have to make their venture profitable is the cheapest investment one can make in the horse business. And when one pays this fee he need not be afraid that the stallion owner is making excessive profits from him, for the average one is not.

Many Kansas farmers who are willing to pay good prices for the service fee are afraid of the competition of power machinery in the future; they believe that tractors will tend to take the place of horses to such an extent that the increased opportunity which has been created by the war will be lost. There is nothing in the tendency of the prices on horses in the past—and we have almost had a tractor age in the last few years—to indicate this. The average price for all grade horses received on the Chicago market in 1905 was \$186, by 1910 this had increased to exactly \$200 and last year it was \$213. In other words, it was steadily

going higher without the aid of any war, in spite of the fact that there was a great development of power machinery. These prices are lowered somewhat by the poor quality animals of course. The high grade animals which Kansas farmers should produce sold much better. In the development of the horse business more attention must be paid to feed. The colts on many farms in Kan-

(Continued on Page 24.)



Better Breeding and More Care in Feeding Kansas Horses Will Greatly Increase the Profits.

horse producing business here in Kansas.

But why should Kansas have 45 per cent of grade stallions? There is just one reason, and that is because it is profitable to keep them. There is not a general appreciation in Kansas among the mare owners of the importance of having a purebred animal of quality in the community. Eastern farmers appreciate this much better, for example: A purebred stallion that had good quality was shipped to a central Kansas town last year, and a service fee of \$20 was asked. The mare owners refused to pay this—in fact they went to the point of organizing to fight what they said was robbery! This disgusted the horse owner with the community, so he shipped the stallion to an Illinois town, where he was used on 96 mares this year, which was his first season there. There was no objection to the \$20 fee from the Illinois farmers.

There seems to be a general disposition with some men to believe that the owner of a purebred stallion has a get rich quick scheme, and that there is no justice in his asking for a larger fee than is required by the grade stallion owners. Well, let us see what the average man is making. In order to determine this point, Dr. McCampbell collected information from 400 Kansas owners of purebred stallions, and the results do not indicate that there is any gold mine in the business. Not by a whole lot.

It was found that the average num-

ber of mares served was 40 for the season, and the average fee was \$12.50. This makes a business for the year of \$500. The cost of keeping a stallion was placed by most of the owners at from \$25 to \$35 a month. But say that it is \$25, this makes the charge \$300 a year. Then it has been proved that 4 out of every 10 colts in Kansas are not paid for—but make this loss only 20 per cent, and there is a decrease in the income of \$100. The average purebred stallion is worth at least \$1,000, which makes the annual charge for insurance \$80. The interest would amount to \$60 and the taxes to perhaps \$10, although they might be more than this. Then the depreciation charge of 10 per cent, which is not too high, brings the annual expense account up to \$640, which results in a net loss of \$140 a year. All of these costs were determined by Dr. McCampbell, and they cover so many animals, 400 head, that they are as nearly accurate as averages can be made. They show that a stallion owner has some heavy costs, and that he is perfectly justified in asking a fair fee for the service.

Of course it can be shown that the actual figures are much different for individual cases—but this is the average result. Many stallion owners are making good returns. For example, the man in Illinois who used the stallion on 96 mares at \$20 a service had a good income, and we have stallions in Kansas that are doing this, but the point is that the average one is not. Of course it could be said that \$25 a month is too high a charge for keeping a stallion and it might be in favorable cases, but



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## Passing Comment—By T. A. McNeal

### Election Results

This is written before it is possible to know the results of the election. I do not know what story the ballots will tell but my guess would be that the next congress will not be nearly so one-sided as the present. If the Democracy were opposed by a united opposition there is no doubt that conditions in the lower house of congress at least would be reversed and that instead of an overwhelming majority the Democracy would be in a very decided minority for notwithstanding the fact that a majority of the people of the country feel friendly to President Wilson they are not satisfied with the record made by the Democratic congress.

There are several reasons for this but they may be summed up generally by saying that the people are disappointed.

The Republican party was a long time in power. Governmental expenditure steadily increased. The people came to believe that the Republican party was recklessly extravagant. The Democratic party denounced this extravagance in the strongest terms their platform writers knew how to use and promised if entrusted with power that they would institute an era of economy.

Their performance has fallen so far short of the platform promises that instead of reducing government expenditures they increased them by nearly 100 million dollars per annum and would have made it at least 30 million dollars more if it had not been for the successful fight made on the rivers and harbors bill; which fight was led by two Republican senators, Burton of Ohio and Kenyon of Iowa.

If the revenues from indirect taxes had been sufficient to meet the increased expenses perhaps the popular complaint would not have been so great but the falling off of revenues compelled the enactment of an emergency measure that will hit the pockets directly of a vast number of people.

So long as you can tax a man without his finding it out he does not kick but when you hit him directly he begins to squeal.

That is the reason people make so much more fuss about their state and local taxes than they do about the national taxes. In the one case they have to walk up to the county treasurer's office and dig up and they know to a cent what their state and local government is costing them. In the other case they do not know when they pay their part of the national expenses and sometimes imagine that they have not paid anything.

The Democratic leaders say in defense of their action that the war in Europe created an abnormal condition that cut off a large share of the customs revenue which had to be made up by an emergency measure.

The answer to that is that prudence would dictate that when revenues fall off, expenditures should be cut down in proportion instead of being increased.

Another count that was made against the Republican party was that great trusts and combines flourished while it was in power. A great many people believed this charge and also believed that the Democratic party would remedy the wrong when placed in power. It will be hard to show however, where the Democratic congress has hurt trusts and combines or in what respect it has been less favorable to great corporations than its predecessors.

The Republican party was accused of creating a multitude of useless offices but the searcher will search in vain to discover where any of these useless offices have been abolished while on the other hand a large number of new, fat, juicy offices have been created.

### Cursed by the Spoils System

The spoils system has always been the curse of party government but within the past quarter of a century civil service has been greatly advanced and with great benefit to the public service. The leadership in the present congress has been distinctly hostile to civil service and the spoils system has been more in evidence than for many years. Even President Wilson has not been free from criticism in this respect. His appointments have been distinctly partisan. Even in the appointment of members of the reserve board which will have complete domination over the national banks of the country, President Wilson selected every member from his own political party.

I have made no concealment of my distrust of the banking and currency law. It forms a gigantic banking trust which will control the commerce and credit of the country and has within it the possi-

bility of the most powerful political machine ever organized.

President Jackson fought and destroyed the old United States bank because he claimed that it had become a political machine which aimed to dominate the government. If that was true of the old United States bank it is certainly possible for the new bank trust to wield a power so vast that the power of the old United States bank will seem trifling and insignificant by comparison.

But I had hoped that President Wilson would make the powerful reserve board a non-partisan one so that the danger of forming a political machine might be reduced to a minimum. Surely he could hardly claim that he could find competent men for these places only in the Democratic party.

There has been a great deal of talk about the things accomplished by the present congress but it will be hard to point out where they have made life easier and more tolerable for the men and women who toil or where business conditions have been bettered. A number of thousand Republican office-holders have been replaced by Democratic office holders and several hundred new offices have been created to be filled with faithful political henchmen but the millions who neither hold office nor want to hold office will not be able to discover wherein they have been benefited.

The dissatisfaction with the Democratic rule inures in large part to the benefit of the Republican party and had it not been for the Progressive party the Republican party would have benefited still more. And yet I do not believe that the restoration of the Republican party to power would result in any material benefit to the country. Its leaders who will shape its policies do not offer anything that particularly appeals to me.

Both of the great political parties are committed to the gold redemption theory of money. Both believe that the government of all the people should lend its credit to bankers who reap an enormous profit from lending the credit derived from the people back to the people. Neither offers a plan that will destroy the evils of special privilege and eliminate the waste of our competitive system.

In some respects the Progressive party is in advance of either of the old parties but it seems to me to be treating symptoms and not getting down to fundamentals. Progressive speakers talk considerably about the unequal distribution of wealth but so far as I have seen and heard they do not offer any definite plan for its equitable distribution. Just because they have failed in this they have not grown and are not likely to grow.

### A New Alignment Coming

That there is to be a new political alignment in this country and that too before many years I believe. The division line will be between those who believe in the old competitive system with all its special privileges to the strong and unjust burdens on those least able to bear them, on the one side, and those who believe in the co-operative theory on the other side. In the end the old system will be defeated. Those things that are necessary for the comfort and happiness of all will be owned by all and operated in the interest of all.

While production will be greatly increased a system of distribution will be worked out that will make the whole people the beneficiaries of the abundant production. The principle that money is not wealth but only a convenient medium by which the products of industry may be exchanged will be recognized and put into practical operation.

The water powers of the country will be developed by the government and utilized for the benefit of the public instead of for the profit of a few. Transportation will be considered a public function and will be publicly owned and operated. On the theory that while the world owes no man of sound health of body and mind a living, yet every person born into the world is entitled to the opportunity to earn a comfortable living; public works will be established that no man or woman willing to work need be out of a job.

Co-operation instead of competition will be the dominating note of the new political thought that is sooner or later going to sweep over this country.

### The Cotton Growers' Demand

The final adjournment of congress was delayed several days by a filibuster organized by senators and representatives from the cotton growing states. The object of the filibuster was to compel congress

to pass a bill providing that the government should buy the cotton crop of the South.

A large part of the cotton crop is sold in Europe. The war cut off this market and the cotton growers demanded that the government come to their relief by purchasing their cotton which they cannot market in Europe.

This was such a rank demand for a special privilege that it seems remarkable that any representative had the nerve even to propose it, much less demand it.

There could be no possible excuse for granting a privilege of this kind to one class of producers and refusing to grant it to other classes of producers, yet the southern members from the cotton states did urge it with the utmost seriousness and even vehemence.

A southern newspaper editorially declared that the South was in the saddle and if the southern members would insist upon this measure they could get it through.

The demand of the cotton growers seems preposterous but after all would such a measure be a much ranker case of special privilege than that accorded to the banks under the new banking and currency law? Under the terms of that law the banks will be permitted to take the notes of individuals to the reserve banks, discount them and lend the money received to the men whose credit is put up for collateral. No such privilege however, is given to any other class of citizens.

Now, I think a plan could be adopted that would help the cotton growers out of their difficulty and other classes of producers as well. The government could build ware houses as was proposed in the Populist plan of almost a quarter of a century ago in which could be stored such products as are not quickly perishable, such as cotton, wheat, corn and other grains, hay, etc. To the owners of the stored products ware house receipts for the market value at the time of storage could be issued.

The government could and should establish a system of government banks of loan and deposit. The man with his ware house receipt could deposit it in the government bank and receive 90 per cent of its face value in government currency, paying for the use of the same only a sufficient tax to cover the actual cost to the government of issuing and distributing the same. The depositor of the produce in the government ware house should also be charged sufficient ware house fees to cover the actual cost to the government of storing and caring for the grain or other product deposited.

Under such an arrangement no farmer either east, west, north or south would be compelled to sell his crop at a sacrifice.

The fight made by these southern congressmen from the cotton states, while a fight for the rankest sort of special privilege, may serve a good purpose. It will tend to bring along the day when a governmental system of transfer of credits will be established which will benefit all, instead of a system which enriches the few at the expense of the many.

### The Part the United States Should Play

I presume that the mad, cruel and wicked European war must run its course until one side or both are so exhausted that they are ready to quit. When that time comes what part will the United States play in the bringing about of a lasting peace?

Ex-President Roosevelt insists that the only proper course for this country to pursue is to proceed to arm itself to the extent that it will be able to meet and conquer any other nation on the face of the globe. The Kansas City Star is preaching the same doctrine. Congressman Gardner of Massachusetts is insistent in doing the same thing.

All of these advocates of a great army and huge navy go on the assumption that the nations of Europe have learned nothing and will learn nothing from their horrible experience, but as soon as this war has ended and the dead are buried they will begin to prepare for another struggle which will come as soon as they can recuperate.

If that is the best civilization has to offer then civilization is a colossal, cruel failure and must die. There is no justice in the military theory. It means the survival of the strongest. It means that certain nations shall act the bully and that weak nations have no security whatever.

Germany acted on that theory when it invaded Belgium. If Belgium had been as strong a nation as Germany there would have been no talk of invasion. Roosevelt as an exponent and defender of

militarism was consistent with his theory when, as he said, he "took the Panama canal."

Everybody knows that if Colombia had been as powerful a nation as the United States Roosevelt would not have proceeded as he did in the Panama business. He proceeded on exactly the same theory in that case that Germany proceeded on in the case of Belgium. He believed that the digging of the Panama canal was a good thing for the United States. Colombia was interfering with the plan by refusing to grant the concession.

There was no question about the sovereignty of Colombia over the canal zone or her right to refuse to grant the concession. Colombia however, was a weak power. The United States was strong and therefore Roosevelt, according to his own statement, took the canal; that is, he organized the Panama rebellion and forced Colombia to yield.

The doctrine of militarism is the doctrine of the bully who disregards everything except physical force and that is the doctrine to which Roosevelt, Gardner, the Kansas City Star and other advocates of a great standing army and vast navy ask us to subscribe.

That will never bring permanent peace. It will only lead to other and more destructive wars later on. There will be an opportunity for the United States to head a great movement for universal peace but it will not be along the lines laid down by Roosevelt and Gardner and other militarists.

When the great nations of Europe have grown war weary; when their financial resources are nearly or quite exhausted; when the best of their sons have been killed or disabled; when all the glamor of militarism, with its martial music and armed and uniformed battalions marching in proud array, has been dispelled and the results of war have been brought home to the people of the warring nations in all their hideous horror it may be that the rulers of those nations will be more than willing to listen to reason.

Then the United States will be in position to come forward with a just and reasonable proposition for universal disarmament.

The president of the United States, representing a nation made up of people either natives of or descended from natives of each of the warring nations can call a conference of the nations and propose to them this plan for universal peace. Let the nations form an international police, a moderate sized army to which each nation, regardless of its size shall contribute an equal number and a small international navy, to the building and maintenance of which each nation, regardless of its size shall contribute an equal share.

The international army and navy shall be controlled by an international police board composed of one military and one naval expert from each nation. Establish an international court of arbitration composed of one representative from each nation to which shall be submitted all disputes between nations, the international police to be used to enforce the decrees of the court, in other words, to keep the peace of the world.

If there shall be any nations unwilling to agree to this plan then let the United States endeavor to get as many nations as possible to enter into the agreement. If three or four European nations of considerable power will join with the United States in this movement the other nations will be eventually compelled to join in.

Such a plan would result in the disbanding of 95 per cent of the armies of the world and the dismantling of at least 90 per cent of the ships of war. It would be a guaranty of safety to the small nations of the world who with militarism dominant as it is now, have no assurance that they may not at any time be invaded and crushed as Belgium has been. It is the greatest opportunity the United States has ever had.

### Swat the Hessian Fly

Reports come from some parts of Kansas and Oklahoma that the Hessian fly is working on the wheat. Next to the chinch bug the Hessian fly probably has been the worst insect pest the farmers, more especially the wheat growers, have had to contend with, and yet, it is altogether probable that if the farmers would work together the fly could be exterminated.

Experience has pretty conclusively proved that late sown wheat does not suffer from the fly. Also experiment has demonstrated that summer fallowing will generally put the insect out of business. The summer fallow destroys the opportunity for the fly to lay its eggs. There is no doubt either that summer fallowing will pay aside from the effect it will have on the fly.

Experiments show that ground that was well fallowed yielded twice as many bushels an acre as adjoining fields that were cultivated in the ordinary careless, ship-shod manner.

The crying evil of agriculture in the United States is that we farm too much and do not farm well. The farmers of Germany, France and Denmark raise on the average three times as much an acre as the farmers of the United States and that result is obtained on lands that are not naturally as fertile as the lands in the United States. It is a remarkable fact, too, that there is not much complaint about damage from insects in those countries although some of our worst insect pests, particularly the Hessian fly originated there.

The difference between them and the farmers of the United States is that they farm a little land and farm it well. They go to work intelligently and methodically to destroy the insect pests and also to get the best possible results out of their lands.

They have to do it. If they farmed their little tracts as American farmers still their big farms they would starve.

If the United States were as thickly populated as Germany for example, there would be considerably more than a billion people here instead of less than 100 million.

Now of course no man can tell what a year may bring about but there is every probability that the price of wheat next year will be high; higher in all probability than it is at present. There is no immediate prospect of the war in Europe coming to an end. As this is being written the word comes that Turkey has declared war on Russia. That almost certainly means that the Balkan states not already engaged will be drawn in. Greece will also join the allies. Italy will almost necessarily be involved.

The pressure on Holland grows daily greater and her army of 200,000 men is ready to take the field if the territory of Holland is invaded. It would seem therefore, that there is more likelihood of all Europe becoming involved than there ever has been. The warring nations must look to the United States for a large part of their food supply.

Wheat will be wheat next year. It will not be at all surprising if the farmers of Kansas, Oklahoma and other wheat growing sections get an average of \$1.25 a bushel for their wheat next year.

It will be a great calamity if the present magnificent prospects are ruined or injured by an insect.

### Case Looks Almost Hopeless

Just now there is comparatively little fighting going on in Mexico. The combined forces of Villa and Zapata seem to dominate the situation, but the outlook is not promising.

There probably is to be another dictatorship in Mexico followed by other insurrections.

A people sunk in ignorance, poverty and degradation, cannot successfully maintain a republic and yet the rule of a dictator is apt to be worse than popular rule even where the people are ignorant, poverty stricken and degraded.

A benevolent despotism in a country like Mexico would be the best kind of government the country could have, provided it could have the right sort of a despot. The trouble about absolute despotisms is that in the history of the world, absolute despots who rule wisely and justly have been very rare and no such despot has ever yet ruled Mexico. The almost universal rule has been that men entrusted with unlimited power have abused that power.

There has been a great deal of talk about the danger of an unbridled democracy but the greatest wrongs have always originated among the upper and ruling classes.

A democratic rule even in Mexico would be more just than an autocratic rule is likely to be, if the democratic rule were possible, but the masses of Mexico do not know how to use their power and will not use it. They will follow leaders who have selfish ends in view and who when they have been given power by their ignorant followers almost invariably abuse that power.

Education and opportunity would fit the Mexican people in a generation or two for self government but under the rule of a despotic and corrupt autocracy they will get neither the education nor the opportunity. This is what makes the Mexican situation look so hopeless.

Mexico is a country of vast possibilities. It is capable of supporting in comfort a population of 100 million. Nature furnishes opportunities in the way of soil, climate, mineral resources and water power to build up one of the greatest nations on the face of the earth. It is a case where every prospect pleases and only man is vile. For that matter, if it were not for the selfishness, the wickedness and the ignorance of man what a paradise this old world might become.

### Will the Whole World Be Involved?

As this is written the news comes from across the ocean that the fleets of Russia and Turkey are fighting in the Black Sea.

Turkey, urged on by Germany, strikes at her old enemy, Russia. And Turkey is no mean foe. All past experience shows that the Turks are first class fighting men and if they can be armed and equipped a vast army of these subjects of the sultan can be placed in the field.

Estimates of the fighting strength of Turkey vary but it is reasonably certain that a Turkish army of three quarters of a million men can be mustered. Turkey is nearly bankrupt and would have great difficulty in outfitting that sized army but the equipment will be furnished by Germany.

What effect the entrance of Turkey will have on the general situation remains to be seen. It seems more than probable that Italy, Greece, the Balkan states, Holland and Denmark will all be drawn into the conflict. There is a possibility that the fires of religious fanaticism may be lighted in India and Egypt.

The end of this war no man can see. The horrors of it no man can imagine. The wickedness of it cannot be measured.

### The Important Question

I am still receiving a good many letters concerning the European war. The writers continue to give me their opinions as to who is to blame. Some of them sympathize with Germany and insist that the kaiser was not responsible, that he was entirely justifi-

fied in standing by Austria and that Austria was justified in making her peremptory demands on Serbia. Others are just as certain that Austria and Germany are wholly to blame.

I have not room to publish all of these letters and do not know that it would serve any good purpose to publish them. The really important question now is not whether any particular man or set of men were originally to blame, but whether or not anything can be done to stop the awful carnage and if so whether or not the United States can do anything to help bring about an end to the conflict.

There are to my mind a few important facts: One is that the war is the direct result of that pernicious militarism that has spread all over Europe and which has had its most rapid development within the past ten or fifteen years. Who was most to blame for the inauguration of modern militarism may be a debatable question, but the fact remains that like a deadly upas tree it has grown and spread until its branches spread over every nation in Europe. Militarism has borne its legitimate fruit and the world stands aghast at the harvest of death.

There is perhaps very little that the people of the United States can do now to help matters. I suppose that the war must be fought out until one side or the other, or possibly both, are exhausted. When that time comes, as it will, when the people are war weary; when the commerce of at least three great nations is totally or almost totally ruined; when the shadow of death rests on nearly every home; when want and even starvation knocks at the doors of the peasants, who although in no way responsible for this war, have sacrificed the best they had as a result of it, then there will be an opportunity for this government to step in and act as an arbiter and peace maker. Then will be a time to urge on the governments of the old world that they agree to a universal disarmament and the substitution of humanity and reason for brutality, inhumanity and armed force.

It is idle for us over here to quarrel with each other over the question as to who was most to blame. On that it is impossible to agree but certainly we ought to agree on the general proposition that war is the greatest of crimes, that it is worse than useless as a method of settling disputes, that it brings only woe, misery, wounds, sickness, death and destruction of the things that are finest and most ennobling and that unless militarism can be destroyed civilization must perish.

### Political Night Riders

It is a time-worn jocularly to say that as soon as a citizen of the United States becomes a candidate for office he is publicly branded as a horse-thief and a despoiler of virtue. And it makes no particular difference how irreproachable his past life may have been.

This custom was born in the time when the stage coach was the means of communication between localities and the truth had a harder time to catch up with a lie than it has today, though it is still sufficiently hampered. The people were not so well informed then about men and measures and were more easily misled by those who designedly worked upon their prejudices.

There never was justification for the practice and there is even less today.

It should no longer be required of a candidate that he must run the gauntlet of such flagrant, surreptitious and anonymous billingsgate as has characterized the recent campaign in Kansas. For mudslinging and for lying reports it has resembled the dark ages of American politics more than a Twentieth century campaign in a state noted for the general intelligence of its people.

And, mostly, the mudslinging was done to mislead women voters.

This part of the campaign was left to the worst of the Tammany element in the state's political life, the crooked, spoils-seeking, place-bartering element that makes a business of commercializing and debauching the public service.

The higher posts in American public life require much greater ability, capacity and executive power than the compensation they offer in salary for these qualities. The honor of being chosen to fill such a post no doubt was intended originally to be the chief reward of the successful candidate. But when a blackhand crew of political mountebanks is permitted to stain and besmirch his reputation at a time when he is least able to defend himself, the citizen who has had the temerity to offer his services to his fellow men as a public servant is robbed of more than his post confers on him.

The sound and fury of an American political campaign, supplemented by the devices of these political night riders, undoubtedly are often the means of deterring good men, with an ambition to perform some useful and worthy service to their community, or their state, from entering the lists for public office.

Kansas has a libel law, also a new statute forbidding the blackmailing of candidates for office, just as it has a civil service law. Yet all of these laws have been openly and flagrantly and generally defied by the spoilsman element during the last two years. We need no new laws to meet these evils, it is simply necessary to enforce and command respect for those we have. But we cannot expect a spoilsman regime to compel such respect.

Arthur Capper.

# Soil Washing Can Be Reduced

## Good Crop Rotations and a Larger Humus Supply Will Aid in Keeping the Dirt on Kansas Farms Where It Belongs

By F. B. Nichols, Field Editor

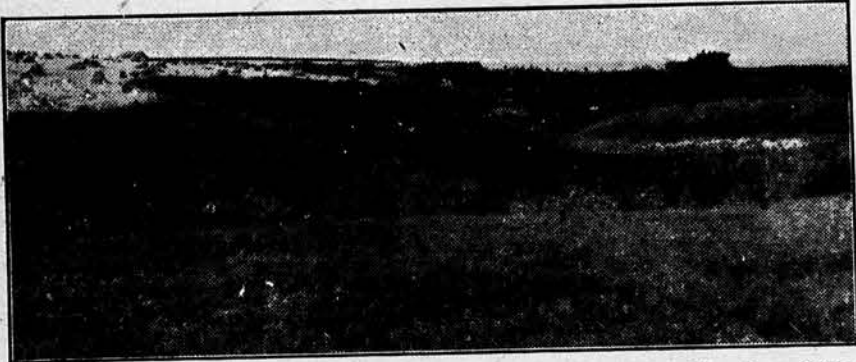
**M**ORE than one billion tons of sediment is being carried annually from the farm lands of the United States into the sea. Kansas farms are contributing more than their share of this loss, for the soil management system used on a large percentage of the fields in the state is such as to aid soil washing materially. This loss represents the cream of the soil, for it

The run-off on an ordinary slope is governed chiefly by the physical condition of the soil. If the land is plowed deeply to give a deep, loose furrow slice, and plenty of humus is supplied from barnyard manure, crop residues, and green manuring crops, the soil will be-

But usually it will not be necessary to sow the land to grass; generally a little care will result in the ditches filling themselves. One can make the force that washed out the ditches fill them up again. With an ordinary ditch it generally is possible to place straw and

out if it is firmly placed. It is very efficient.

Many and fearful kinds of materials may be used with good results in filling ditches—the important thing is to use something. In southeastern Kansas buck brush frequently is employed, and it is especially good for this purpose. If one does not intend to use the material for feed, a straw stack will return a profit



Here is a "Break" in the Land, Still in Prairie Grass, That Has Been Worn Down Through Ages of Erosion.



Ditches Such as This Form Rapidly in Plowed Fields After the Start Has Been Made; All Rolling Land Requires Watching.

consists largely of fine dirt and available plant food.

This washing may be much reduced if the land is handled properly. It is extremely important that the humus supply should be maintained. In speaking of reducing the loss from soil washing, L. E. Call, professor of soils and crops at the Kansas Agricultural college, said:

"All land that is rough and hilly and washes badly should be put down to permanent grass or meadow. Land can be cultivated for a year or two after

come so porous that only the hardest rains will cause washing. Heavy soils should be plowed seven or eight inches deep instead of four or five inches, as many farmers plow them."

Much of the loss of soil from Kansas fields would stop if a logical system of crop rotation were adopted, as this would tend to improve its physical condition. One-crop grain farming rapidly reduces the supply of humus in the land, and it soon gets in bad physical condition. This makes the conditions very favorable for a wasteful soil washing.

brush dams so they will stay, and hold the dirt washed into the "break." Thus the water gradually will fill the ditch with dirt.

But sometimes the amount of water is so great that these dams will not hold and then the real trouble begins. There are many methods used to hold the dams in these larger ditches, and in general any of them are efficient if they work—if they are strong enough to stand the floods. As a rule it is best not to use rock except as a last resort, for if a rock dam gets torn out and scattered down

as a ditch filler—although it might be possible to use it even more efficiently if it were scattered over the land, so the humus content of the field would be increased.

All of this matter of soil washing goes back to the fundamental things connected with good farming—the soil washing in Kansas has been caused mostly by a disregard of the principles of good agriculture. If good rotations are used and the humus content of the soil is maintained, the land generally is in fair condition to withstand the heavy rains.



Washing Was Causing Considerable Loss on This Field Until the Owner Planted the Sloping Land to Alfalfa to Hold the Dirt.



When the Straw is Not Needed for Feed or Bedding It May Be Used Efficiently in Filling the Ditches.

being in grass and then again reseeded, and kept in grass or meadow for a number of years. Some farmers practice putting the worst part of the slope in grass or hay and cultivating above and below it. Often hillsides that will become worthless under continued cultivation can be made to produce profitable crops of alfalfa or grass.

"The best way to prevent soil washing on lands that are somewhat rolling, yet too valuable for permanent pasture, is to practice deep plowing and keep an abundance of organic matter in the soil.

After a wash has started in a field it should be stopped as soon as possible. Many systems to bring this about may be used. If the amount of water is such that it is apt to make the washing a serious matter, it may be necessary to put the "break" in grass. This causes more or less bother in a cultivated field it is true, but at the same time it is better to have a strip of grass through the field than a big ditch—and big ditches too large to drive farm machinery over can come very quickly if the conditions are favorable in the soil for their formation.

the ditch it is a great deal of trouble to gather up the stones.

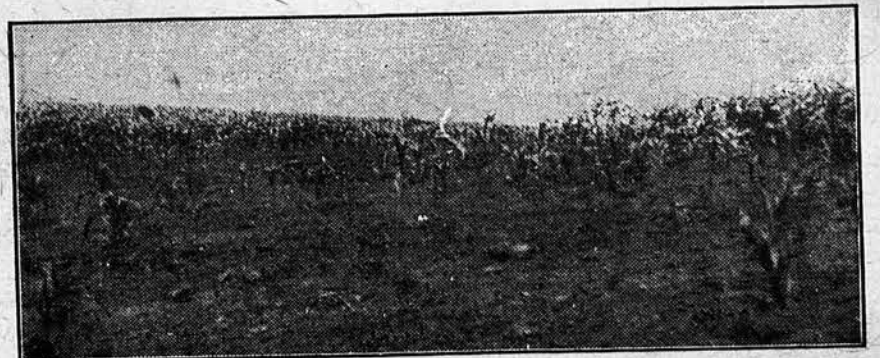
Perhaps the best method of holding the dams in these more important ditches is by the use of woven wire fencing, which is cheap, easily placed and efficient. Set a post securely on each side of the ditch, and anchor it if necessary with a wire attached to another post upstream. String hog wire loosely between these two posts, and place some straw or old hay above the wire, so it will catch the fine material washed down. This dam can't be torn

It is somewhat like a sponge, in that it can take up the moisture that falls without having such a great surface runoff, and therefore there is not the chance for ditches to form.

There is certain to be a rapid increase in the ditches on the fields in this state that have been subjected to the one-crop grain-farming treatment. This has been the rule in the eastern states, where the soil has been mistreated longer than in Kansas. I have seen fields in Virginia that were just made up of ditches; they were as rough as the western bad lands.



All the Top Soil Has Been Wasted Away and the Subsoil is Exposed; Therefore Poor Yields Have Resulted.



One Cannot Expect Good Corn Yields After All the Available Fertility is Gone; This Soil Should Be Planted to Grass

## More Blackleg Than Usual

Many Farms Are Losing Calves With the Disease

BY HARLEY C. HATCH

WE FINISHED cleaning out the pen today in which we keep the calves while they are being weaned. Usually we wean calves about October 15, but this year the fall has been so mild we have allowed them to run with the cows until this date. Now we must shut them up and for the next two days we shall have plenty of music. After that the calves get so hoarse they can't bawl.

More than the usual number of calves have been lost in this locality from blackleg. This disease seldom attacks any cattle more than 2 years old and it is not common to lose any animal more than a year old with it. We hear that one neighbor has lost three calves he had just shipped in from Kansas City. It is possible these calves came from a herd in which some had died of the disease and it may be they were sold because of this fact. Vaccination seems to be a pretty certain preventive of blackleg.

Cattle often have lumps come at different points on the head and neck and these lumps usually are called lump jaw, but it is not lump jaw in one case out of five. What these lumps are we don't know, but we do know that not many of them are what is called true lump jaw. We had a case or two of real lump jaw on this farm and we cured them by getting a prepared lump jaw cure and using it according to directions. For the small lumps that appear at times on the heads of cattle we do nothing and they soon disappear.

In only one year, since living in Kansas, have we had blackleg among the calves. At that time we lost four. The first one died before we knew anything was wrong. Our cattle have the run of a creek pasture in which is some timber and brush. We never did find the first calf that died, it hid itself so securely, although we made a long search. We knew the calf was gone soon after it died, because of the bawling of the cow. The next calf went in the same way but we found this one and burnt the body. In a day or so we heard another cow bawling and guessed at once that another calf was gone. After that a month passed and then we lost another calf in the same way but we noticed that it limped the day before it died and knew then that it was blackleg. We burned all the dead calves we found and have had no losses from that disease since.

Blackleg, so the authorities tell us, is most likely to occur in young cattle when they are gaining or losing in flesh. For that reason the heaviest losses occur in the autumn and spring. In the autumn pastures begin to fail and the cows to shrink in milk flow, while grass gets dry and less palatable for the calves. This double loss in rations causes a falling off in condition and it is then that blackleg makes its attack. In the spring when the young stock go on grass they gain rapidly and this is another favorite time for blackleg to manifest itself. On the whole, however, there are three head lost from this disease in the autumn to one in the spring. A neighbor once lost a heifer more than 2 years old with this disease, but this is the oldest animal we have known to die with it around here.

Numerous letters last week in regard to that African kafir are responsible for this paragraph. We have no time to pick this seed for sale and we would not offer any without selecting it. The reason is, there are a number of different varieties in it and they are of different heights. This makes it difficult to handle and we do not care to sell such impure kafir for seed. That which is of medium height we think would be fine for a rather dry region, as it grows an extra good head on a short stalk which has very scant leaf growth. All drought-resisting plants have scant leaf growth, and so, for a dry region where grain was the main object, we think this kind of African kafir would be all right.

However, the question is, will not the mixed growth this year have fertilized the heads on the shorter stalks so that the seed from these short stalks will next year produce another mixed growth instead of coming true to the original plant? We think it will be mixed.

We have several letters asking what this mixture in the African kafir was. Well, it consists of two kinds of kafir, one tall, the other short. Both produce true kafir of rather open growth heads with an occasional head of what seems to be kafir but which is badly broom-tipped. There also are a few heads of something that looks like milo but it grows on a tall stalk. For a dry region the short stalk would no doubt make good kafir because it matures early. One objection is the scanty leaf growth but that is an objection for eastern Kansas only. For a drier section scanty leaf growth would be what is wanted in a grain producer. If one could get pure seed right from South Africa we are satisfied it would be good for Kansas but because of the war it does not seem probable that any seed will be imported within the next year.

A reader of the Farmers Mail and Breeze sends from Oklahoma a sample of a large kind of bean that grew there last year, with a request that we name it. We cannot tell what it is and have never seen anything like it grown in Kansas. Evidently it is of southern origin for it is said not to have matured either this year or last in Oklahoma. The Far South grows some immensely big beans. We have just finished reading an account of some bean pods on exhibition in a Florida county, some of the pods being 60 inches long. We can't compete in beans with a state that produces pods of that length. We should suggest that our Oklahoma friend send a sample of the beans to the agricultural college at Stillwater, Okla., where they probably will be able to give them a name.

Another eastern Oklahoma reader asks about Sudan grass of which we made mention some time ago. This grass is a good deal like Johnson grass, and it is likely that everyone in Oklahoma and Texas knows what that is.

But it seems to have the good points of Johnson grass without its bad ones. It grows from the seed from year to year like cane. A farmer living in this township tried some Sudan grass this year and it made an immense growth. But for the use to which our Oklahoma friend wishes to put it, it would not be satisfactory. He wishes a permanent pasture. It is not easy to name a grass to be sown west of the Missouri river which is sure to grow and which will make a never-failing summer pasture. Both English and Kentucky bluegrass will make fine pasture as long as the rain holds out but when rain fails these two grasses fail too.

A farmer living in Neosho township, Coffey county, about five years ago set out a large orchard with trees of new varieties that are being largely planted in the West in place of the old standbys. He sent us the other day some samples of apples from this new orchard. One of them was the Delicious and it was rightly named. Of all the apples introduced of late years we think the Delicious is the best in quality. For our own personal use we should rather have 1 bushel of Delicious than 2 bushels of any other kind of apples grown in the West. It has an aroma, too, one apple of this variety will scent the whole house. In time of ripening it appears to be about the same as Jonathan and, good as that apple is, we think it badly beaten, so far as quality is concerned, by the Delicious. But apple raising in this part of Kansas is now a question of spraying. The man who sprays, raises good apples; the man who does not spray, does not.

### More Hessian Fly Damage

The wheat on the farm of Henry Greve of Earlton is in bad condition; it is being cut off by insects just below the surface of the ground. In speaking of the complaints received by the Farmers Mail and Breeze in regard to damage of this kind, Professor G. A. Dean of the Kansas Agricultural college said:

Wheat may be cut off just beneath the surface of the ground by either white grubs or cutworms. We have had considerable complaint from southeastern Kansas, as well as southern Kansas, of white grubs seriously injuring the wheat. Where the wheat is dying in spots it is very apt to be white grub injury. I believe the dying of the early sown wheat is due to the Hessian fly, because we are finding a general infestation over eastern Kansas in nearly all early sown wheat.

### A Better American Royal

A total of 853 head of cattle of four beef breeds have been entered in this year's American Royal Livestock show, which will be held at Kansas City, Mo., November 16 to 21. This is a record for this show, which is now in its sixteenth year. By holding the show in November this year instead of October it has been possible to get a larger number of entries. The American Royal is the great meeting place for the herds before the trip to the International exposition at Chicago.

This show is looked forward to with much interest by breeders, as it will be the first time this season that all the leading show herds have come in competition. During the past two months some of the show herds have been making the eastern state fairs, while others have confined their operations to the western or southern circuits. The American Royal always is a show of prize winners from the state fairs, and there is much speculation as to where the honors will go when the leading prize winning herds of the different circuits meet at the November show.

In addition to the four beef breeds of cattle, there will be exhibits of draft horses, swine, sheep and mules. An attractive program has been arranged for every evening of the week.

The Hereford show will without doubt be the best in the history of that institution. The entries in the breeding and individual fat cattle classes have closed, and Secretary R. J. Kinzer announces that entries have been made by more Hereford breeders for this year's show than ever before. They number 43, as against 25 exhibitors last year. There are 487 Herefords entered. Twelve states, from Mississippi to Montana and from Wis-

consin to Colorado, are represented. There will be a number of Hereford exhibitors who are new to the American Royal. George M. Boles of Lubbock, Tex., will make the awards, and he will be the busiest man in Kansas City for a few days. Some of the classes will be so large that he will have to use field glasses to see them all at once. It will be a show that no Hereford breeder can afford to miss.

Forty-two breeders from 13 states have entered 230 Shorthorns in the breeding and individual fat cattle sections. Judging from the number of entries, the Shorthorn show this year will be the largest in the history of the American Royal. All of the leading show herds that have made the state fair circuits this season are entered. The Shorthorn futurity is a feature that will add largely to the number of this year's exhibits.

Eight Galloway breeders have made entries. The total number of Galloways entered, exclusive of fat and feeding cattle in carlots, is 77.

Entries of Aberdeen Angus cattle have been made by ten breeders from Iowa, Nebraska, Missouri and Kansas. The entries total 109 head.

### Show Belgians at the Royal

When the preliminary classification for this year's American Royal Livestock show, to be held at Kansas City November 16 to 21, was issued, it was not expected that there would be any exhibits of Belgian horses, and the Belgian classification was omitted from the draft horse division. Several exhibitors of Belgians have stated that they would go to Kansas City if provision were made for a Belgian exhibit, and a classification has been announced for this breed. It is a duplication of the Clydesdale classification which appears in the preliminary. The draft horse exhibit will include Percherons, Clydesdales, Belgians, and Shires. Prof. E. A. Trowbridge of Columbia, Mo., is the superintendent of the horse department.

### This Week's Cover

Isn't it a beauty? Not much better corn to be seen in Kansas or any other state, for that matter. The picture was sent in by Floyd B. Mauck of Emporia with the candid admission that the men shown are not farmers. They are Emporia merchants going through the fields searching for corn suitable for the county "Products Show" which Mr. Mauck describes elsewhere in this edition.

Old-age pensions are paid in Holland to more than 80,000 persons.

## Lumber Is Cheap

You may never have a better chance to get lumber than you have this fall—not, at least, for several years. The Service Bureau of the Farmers Mail and Breeze believes it is a duty to let the farmers of Kansas know this although not very much has been said about it publicly. It certainly is the time to build, and a much better time than has been presented for a long while.

Perhaps we can help you. You may need advice or help with your plans. We have the information. We can let you know within a day or two after your letter is received or we can tell you precisely where to apply for the help you need.

Write us about your building ideas for the autumn and let us know how we can smooth the way. Sometimes the Service Bureau can get in five minutes what it might worry you to get in a week. The Farmers Mail and Breeze is here for just that kind of problems. We watch the trade papers and the markets. We know which lumber is the most popular. We know what you can do with the right kind. And we know something about farm buildings. If you doubt it just try us. It won't cost you more than two cents.

SERVICE EDITOR,  
The Farmers Mail and Breeze.

## How I Earned \$10

BY EVAN GOODRICH,  
Goodland, Kan.

When I was 8 years old my brother gave me a bank which holds \$10 worth of nickels. I at once began to earn and save enough nickels to fill my bank. I was going to school and did not have much time to work.

My mothers paid me a small amount of money for chopping kindling. She also pays me 5 cents for every 100 I get in examination at school. She gives me \$1 for every time that I make the highest average in my grade.

My father made me a hotbed. I planted some lettuce and radish seed in the hotbed and my mother gave me some asparagus from the garden to sell. I made enough money by selling these vegetables, with some tomato plants, which I grew later, to finish filling my bank. I think almost any little boy can make some money if he tries.

The little boy who wrote the foregoing is 10 years old. In addition to the \$10 he also had the mumps when he wrote his piece for the Farmers Mail and Breeze. The writing was exceptionally good; indeed it was much better than many boys or girls of 15 years can do. Not one word was misspelled, and the punctuation marks were properly placed. The letter indicated that Evan's mother, Mrs. M. M. Goodrich, has been studying the Capper Style Book. Only two changes were necessary and neither was important. We do hope the young contributor is able to return to school by the time he sees his "article" in print.



## Tom Profit Carves

Well, Thanksgiving's 'most here, an' there's a sixteen-pound tom turkey penned up in th' old wagon house, a gettin' plumb corpulent. I 'low I'll do some plain an' fancy carvin' with that boy sizzlin' hot an' bustin' with onion stuffin'. I'm a lookin' for'ard to it some—but there'll be no trouble with such weepens as one of them

## KEEN KUTTER

Carving Sets

an' it won't take long to get that bird into circ'lation. Le's see! This is the tenth Thanksgiving turkey for that carvin' set an' nine Christmas and the Sunday dinners it's carved are some numerous—but she still sticks. That's why I'm so partial to the Keen Kutter trade mark a' bein' on my cutlery an' tools. It means quality, all right. An' the dealer's authorized to give back the money paid for any piece of Keen Kutter goods that don't stick.

Carving Knife  
and Fork  
No. K594  
Price \$3.00  
a pair.



Knife and Fork from set of six Knives  
and Forks. No. K1900. Price \$5.50 a set.



## Farmers are Tobacco-Wise

They know real quality in tobacco leaf when they chew it. That's why they always use PIPER HEIDSIECK chewing tobacco. The plug is convenient, handy, easy to carry—and this wonderfully mellow, rich White Burley leaf with the famous "champagne flavor" gives them a reliable taste and satisfaction they can get no other way.

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CHEWING TOBACCO (CHAMPAGNE FLAVOR)

is the favorite of thousands upon thousands of farmers, judges, lawyers, doctors—men prominent in all walks of life. Its use gives a man tobacco enjoyment in its supreme form. Begin using "PIPER" this week; you'll be a "PIPER" user always.

Buy "PIPER" by the Box and you'll always have a supply handy. For your convenience we pack "PIPER" in 2-lb. boxes of 36 separate foil-wrapped 5c Pocket Plugs; also in 2-lb. boxes of 18 ten-cent cuts.

**FREE**

Send 10c and your tobacco dealer's name, and we'll mail you prepaid, anywhere in U. S., a full-size 10c cut of "PIPER" in a handsome leather pouch FREE. The tobacco, pouch and mailing expenses cost us 20c, and we gladly spend the money to get you to try "PIPER."

Sold by dealers everywhere, in all size cuts from 5c up.

THE AMERICAN TOBACCO CO., 111 Fifth Ave., New York City, Room 1142.

## Corn in '75 Gave 41 Bushels

Now the Average Yield in Kansas is Only 18.9 Bushels

BY F. B. NICHOLS  
Field Editor

THE need for a soil survey is being realized in an increasing degree in Kansas. The decline in crop yields which has come in the last few years has shown how essential it is that a change should be made in the cropping methods. The average yield of corn in Kansas from 1875 until 1880 was 41.2 bushels—but in the five years ending with 1913 the average yield was only 18.9 bushels. Isn't that a fearful indictment against our system of farming?

A small part of this decrease has been due to the increase in the corn acreage. But this is not nearly so great as one would expect, as the investigations made by the agronomy department of the Kansas Agricultural college have shown. Many counties in the eastern part of Kansas have had just as great a decline in corn yields as the average for the state. In other words, but little of this decline has been due to the increase in the corn acreage in western Kansas—the drouth-resistant crops like kafir and milo are more popular there, anyway.

The cause for much of this decline is the inefficient one-crop grain farming methods that are so common. In many cases these have resulted in some astonishing results. The average yield of corn in Cherokee county, for example, is less than 13 bushels an acre—and one-crop farming has been very common in that section. Results of that kind can lead only to poverty.

These soil and profit destroying methods should be changed to logical, permanent and profitable systems. This means good crop rotations and a much larger acreage of legumes. This requires that the cropping methods must be carefully planned, so they will be adapted to the different soil types. Definite information about the soil types must be available to make this possible. This can be obtained only by a soil survey.

Kansas is at a critical stage in the development of its farming system just now. The age of youth and wastefulness has passed in this state. From now on the effort must be to conserve the resources that we have, for all this fertility will be needed for the production of food in the future. We must study our soils.

Soil surveys have been made in five Kansas counties at a cost to the state of

\$10,000. This work has been discontinued for the last two years, because the legislature did not make an appropriation for it. The Bureau of Soils of the United States Department of Agriculture will co-operate on this survey, and it will put as large an amount into the work as the state will spend. This service will be discontinued unless the legislature makes the money for the state work available.

In providing for the soil survey, Kansas merely is coming into line with other states. More than 30 states have appropriated money for this work, including Missouri, Nebraska, Iowa and all the other states of the great grain belt. If Kansas is to keep up with the progress which is being made in the Middle West in the movement toward a permanent agriculture it must keep the soil survey work going.

A complete soil survey of the state is absolutely essential if we are to work on the soil fertility problem in an intelligent manner. Exact and detailed methods can be worked out for an efficient cropping system on every farm in the country, after the survey has been made. A knowledge of the soil types is essential in obtaining this.

### The Value of a Survey.

"There are two big advantages of a soil survey," said L. E. Call, professor of agronomy in the Kansas Agricultural college, a few days ago. "One is the complete and detailed information which is made available for every farmer in the county, for it is based on the conditions in his home community. As a part of every county report which we have issued we have told of the rotation system which would do best on the different soil types. Our constant aim has been to work out systems that are permanent.

"Another feature of decided importance is the help which this survey gives to the experiment station men. If we have a soil survey of a section we know definitely the soil types on the farm of some farmer who is co-operating with us for example, and we can tell accurately how his results apply to the other farms in that section. So a soil survey is of supreme value to both the scientific worker and to the individual farmers."

### An Institute For Hays

The annual three-week institute offered by the normal school at Hays will extend from December 1 to 19. The program consists of lectures and demonstrations by the faculty of the Hays Kansas normal assisted by a large number of the faculty from the Kansas Agricultural college. The courses include practical work in agriculture, engineering, and home economics.

In the engineering courses work in blacksmithing, carpentering and farm engines will be given. The courses in agriculture will include lectures on dairying, animal husbandry, soils, crops, horticulture, forestry, poultry, veterinary medicine, crop insects, and milling. The work in home economics will include work in domestic science, home decoration, and domestic art.

Those who will attend from the agricultural college are: Dr. H. J. Waters, president; W. M. Jardine, dean of agriculture; Mrs. Mary Pierce Van Zile, dean of home economics; Albert Dickens, professor of horticulture; O. E. Reed, professor of dairying; L. E. Call, professor of agronomy; Dr. F. S. Schoenleber, professor of veterinary medicine; W. A. Lippincott, professor of poultry; L. A. Fitz, professor of milling; W. A. Cochel, professor of animal husbandry; Dr. C. W. McCampbell, assistant professor of animal husbandry; George E. Thompson, superintendent of field, sub-stations; Mrs. Bessie W. Birdsall, professor of domestic art and Miss Margaret H. Haggart, professor of domestic science.

The order of the Iron Cross, now being given to so many German soldiers by the kaiser, was established in 1813 by Frederick William of Prussia during the Napoleonic wars.

### To Aid in Insect Control

One of the especially valuable of the recent books which will aid much in insect control is the Manual of Fruit Insects, by Slingerland and Crosby. It is a clear and accurate work, which tells of the fruit insects and the best methods of control. As the reports of the United States Department of Agriculture show, the average annual loss from insect damage to the fruit crops of the country is about 66 million dollars. The larger part of this easily may be prevented if the growers have a knowledge of insects and the proper methods of control.

It is extremely important in the development of the Kansas fruit industry that an increasing interest should be taken in the latest and best methods of controlling insects. That is what makes this book of special value at this time to the fruit growers of the state. The book makes a feature of the practical methods. Much attention is given to ordinary apple insects.

The book consists of 503 pages. It is printed on heavy paper with 396 illustrations. It is published by The Macmillan Company, New York City, and the price is \$2.

### Home Economics Is Popular

Great interest is being taken in the movable schools in home economics which are being conducted by Miss Marion Broughton of the Kansas Agricultural college extension division.

The schedule for Miss Broughton until the first of the year includes: Beloit, November 9; Cawker City, November 16; Muscotah, November 30; Oswego, December 7; and Garnett, December 14.

## Sudan Grass Pays at Dodge

Gould and Thompson Harvested 45 Acres of This Crop

BY F. B. NICHOLS  
Field Editor

AMONG the larger plantings of Sudan grass in Kansas this year was the 45-acre field of Gould and Thompson of Dodge City, on the Gould farm at Wilroads. This crop is owned by Lee H. Gould, demonstration agent for southwest Kansas and G. E. Thompson, superintendent of substations for the Kansas Agricultural college. A good yield was produced, which was as high as 500 pounds an acre on some of the field, although this was considerably higher than the average.

Much of the field was planted on double-listed land. The land was listed early in the spring, and then the middles were split in the last of May and the first of June, when the seed was planted. The highest yield was on land planted June 15. Mr. Gould said that when Sudan grass is planted in rows in this way and cultivated, about 3 pounds of seed an acre should be used—although this is somewhat more than was used on this planting. The yields would have been higher if more seed had been drilled.

The first cultivation was given with a drag harrow, which aided in pulverizing the middles and in the conservation of moisture. The next cultivation was given with a disk cultivator, and the dirt was thrown away from the crop. In the next cultivation the disk cultivator was used again, and the dirt was thrown back to the plants. The final cultivation was given with a six shovel cultivator. There really should have been another cultivation given for best results, but other farm work made this impossible at just the time it was needed. This made it necessary to do some expensive hoeing, which would not have been necessary if this extra cultivation had been given.

A part of the planting which was made May 20 was cut for hay July 10, and it matured a seed crop after this. The section which was planted June 15 and not cut for hay made the largest yield of grain; the plants were from 5 to 7 feet high when it was cut September 15. The stubs immediately started to produce a hay crop after this seed crop was cut.

Continued dry weather was a feature of the season at Dodge City this year, and this crop matured on less than an inch of rain from the first week in July until the middle of September. The remarkable growth produced with this deficient supply of moisture is a great recommendation for this crop. And it made a good growth in other sections of southwest Kansas, largely from samples of the seed which were distributed by the Kansas Agricultural college to farmers in almost all counties of that section. In speaking of the crop, Mr. Gould said:

"I believe Sudan grass will become one of the leading forage crops of western Kansas. It has made an excellent showing all over this section as a drought resistant crop this year. At Elkhart, Morton county, where the sheaf that took first prize at the state fair at Hutchinson was raised, the farmers are

very enthusiastic about the grass. In Grant county it made a growth of 8 feet in 90 days. The men in Finney, Gray, Stevens, Edwards and Ford counties who grew the crop all produced good yields.

"Sudan grass makes a good hay. Its nutritive value in connection with its drought-resistant power makes it a crop of great value for this section. There is certain to be a great extension in its acreage."

### Christmas Morning in Europe

Have you thought what Christmas morning will mean to the children of Europe this year? Hope dies hard in baby hearts, and in spite of the hunger and cold and despair the cruel war has brought to almost every home, there will be thousands of little ones who will place their worn, wooden shoes by the empty hearth Christmas Eve, praying that some way or somehow the blessed Christ Child may slip through the grim lines of battle and leave a coin or a toy for them.



Can't you almost feel the heartbreak that will come to those sad, lonely mothers, when the cold, empty dawn of Christmas morning kills the hope in the babies' eyes? Wouldn't you like to feel, when you see your own little brood joyfully unstuffing their Christmas stockings, that you had helped make the day bright for some wee fatherless lad or lassie in Europe?

The War Children's Christmas Fund has been organized to do this very thing. They will send the children little individual pasteboard boxes tied with ribbon and decorated with a bit of holly. In every box will be some useful article of wearing apparel, a Christmas card, a few pennies in the coin of the country, and a handful of candies and nuts. A printed label in the language of the country to which the box is sent, will tell the child who receives it that the box bears the best Christmas wishes and the "love of the children in America." Don't fail to have your share in this Christmas giving. Urge the children to send their pennies too. The money should be sent to The War Children's Christmas Fund, conducted by the American Club Woman Magazine, 35-37 West 39th Street, New York. You can't find a better investment for Christmas money or a surer way to spread the Christmas message of "good will to men" throughout the world.

### Threshing Feterita

Will some subscriber tell me how he threshed his feterita?  
Burton, Kan. H. S. Lyman.

The best excelsior is made from basswood, or linden. Aspen and cottonwood, however, supply nearly half of the total amount manufactured.



This Sudan Grass Field, on the Gould Farm, Received Less Than an Inch of Rain From July 7 to September 15

## A Glimpse at the Bargains

Offered in the "Standard" Xmas Bulletin

Big money-saving opportunities that will be especially welcome at the holiday season. Buy your Xmas gifts with the money you save on "Standard" prices. "Standard" styles are very charming and only at the "Standard" are you sure to get the latest style news because only the wonderful FREE "Standard" Bargain Bulletins can bring you promptly the season's choicest offerings. Our famous 64-page Bulletins (issued every two months) take only a few days to print and are rushed to you in a few days. Compare this service with the months and months required to prepare and print the huge catalogs other houses issue. Compare our small costs, our penny bulletin, with the immense costs of big, "twice-a-year" catalogs and you'll see just one reason why the "Standard" can offer you a lower cost for clothes and genuine clothes satisfaction. You, too, must share these opportunities. Just cut coupon (below), mail it to us at once and we will send you absolutely FREE, the famous "Standard" Bulletins, beginning with the new Xmas Bulletin.



1H81  
\$1.00



2VD698  
\$6.98

### Becoming Linene House Dress \$1.00

Extra Big Value

1H81-A "Standard" dress bargain. Prettily modelled and although of good dependable quality, is priced remarkably low. Made of serviceable, washable Linene with dainty Madeira embroidery effectively ornamenting front and collar. Pleated across shoulders and buttons through the novel-shaped front fold. (Ladies' sizes 34 to 46 bust; misses' 14 to 18 yrs.) A splendid value. Special. Postpaid in the U. S. . . . \$1.00

Juniors', Misses' and Small Women's

### Woven Shepherd Check Dress \$1.98

HD198—One of the season's prettiest dresses and best bargains. Made especially for juniors, misses and young women. Of serviceable black and white woven Shepherd check. Tastefully trimmed with black mercerized moire and a dainty touch is provided in the pretty Swiss embroidery over the front. Finished with cute side pocket, moire belt and bow. Closes conveniently in front. The graceful Russian tunic is employed in skirt. For juniors, misses and small women. (Sizes 13 to 20 years, or 32 to 38 busts.) Special, postpaid in the U. S. . . . \$1.98



small women. (Sizes 13 to 20 years, or 32 to 38 busts.) Special, postpaid in the U. S. . . . \$1.98

### Stunning All-Wool Serge Dress Latest Russian Design \$6.98

2VD698—No other fashion is quite as charming as this quaint, Russian model. A "banner dress offer." Made of excellent All Wool Serge with becoming, long-waisted Basque and handsome, pleated Russian tunic. A lovely trimming is provided in the bottom, collar and cuffs of contrasting Roman stripe material. Closes in front on a satin panel and a dainty finish is offered in the hem-stitched white organdie collar and detachable, hemstitched satin messaline sash. In black, navy blue, wine, brown or dark green. (Ladies' sizes 34 to 44 Bust; Misses' 14 to 18 yrs.) This \$9.00 dress, postpaid in the U. S. . . . \$6.98

### Plush Muff FREE With This Handsome PLUSH COAT \$5.98

XCC598—The immense popularity of Plush coats makes this bargain offer particularly attractive. Besides, we give you a warm, matched 16-inch muff (as pictured) FREE. A dressy, fashionable coat, carefully tailored, of firmly woven durable quality and modelled on graceful, straight lines. Substantially lined throughout with black-sateen. We have sold thousands of similarly low priced coats in past seasons, but they weren't half as good in quality and durability. Black only. (Sizes 34 to 46 Bust.) A wonderful offer you must not miss for you'll be mighty well pleased with your bargain.

This \$9.00 wrap with muff FREE and postpaid in the U. S. \$5.98

Stout Sizes HCC699—Same as XCC598 in stout sizes 41 to 51 bust. Postpaid \$6.99

### Girls' Chin-chilla Coat \$3.98

XRR398—Matched Chin-chilla muffs with this handsome, splendid Chin-chilla coat. Extra big bargain and an excellent, durable quality. Coat made in popular box style and trimmed with black Plush collar, cuffs and belt; closes with ornamental buttons. (Sizes 6 to 14 yrs.) Coat with full-sized warm muff FREE and postpaid in the U. S. \$3.98

H3R159—Special 3-piece offer. Pretty, washable dresses of durable quality. One is of tan Linon, banded with blue and prettily embroidered; another is of blue Linene with black and white stripe trimming; the third is of blue Scotch Plaid with full gored skirt, scalloped embroidery edging, etc. (Sizes 6 to 14 yrs.) Big \$2.25 value, postpaid in the U. S. 3 for \$1.59

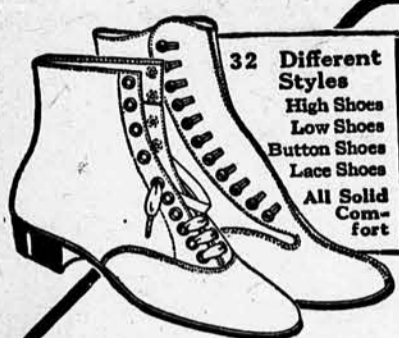
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We make Honorbilt shoes in all styles for men, women and children; Dry Sox with weather shoes; Yerma Cushion Shoes.

**F. MAYER BOOT & SHOE COMPANY**  
Milwaukee

No buttons or laces—they slip on and off at will.



## Your School Should Be Used

**Make It a Center For Neighborhood Good Times**

BY MRS. W. P. HARRINGTON

BOYS and girls, like men and women, are social beings. Their social energy must have activity and this activity must be directed aright, and wholesome means provided for the gratification of this human instinct to mingle with their fellow beings. As someone has said, all work and no play makes Jack a dull boy. I would add that all head and no heart makes Jack only half a man, and the boy or girl whose social nature is dwarfed or undeveloped is being cheated out of his natural inheritance.

Parents in the home who are averse to society or too busy to provide any social means for their children, actually drive them from their homes. The boys and girls seek social intercourse outside the home and away from paternal supervision. They grow away from father and mother and soon are living in another world and father and mother have lost that sweet comradeship which belongs to the parent who will have things in common with his boys and girls.

What's the matter with our social life that mothers want to keep their daughters in pigstails and pinafores, and their boys in knickerbockers indefinitely? Is it because the society about them is unwholesome? Is it because the social means they provide for their children and other people's children are degrading? Or is it because they don't provide anything and society, with its evils and vices which spring up like weeds among the flowers, is allowed to provide itself? What is everybody's business is nobody's business was never more true than when applied to our social life.

### Social Leaders Are Needed.

Every neighborhood needs a social leader. This has been recognized since the middle ages, when every court had its jester and every clan its minstrel. Every great passenger steamship has its social director and most of the colleges look after the social side of life, recognizing that it is one of the most vital. If something wholesome is not provided for boys and girls, they will partake of whatever is provided, and often bring grief to parents and woe to themselves.

Every community needs a social director and a common center, just as the Puritans needed an elder and a block house in every village.

Our civic schools are the greatest power in the land. Their average duration is 170 days a year (while the Sabbath school has but 52) and in them is a fitting place to originate and develop an uplifting society having a maximum of virtues and a minimum of faults.

I believe every district should have a school building of ample dimensions, comfortable and cheery, where gymnasium apparatus is furnished, and games and amusements are provided for old and young. Such is not the case, however, and as this world wants people who can make the most of their surroundings, let us see what we might do with the few conveniences we have in the school in our own community.

### Pleasure For Old and Young.

There are students enough for two literary societies, with separate meeting rooms. The high school room could be used for an auditorium when literary programs, musicals and recitals are to be had. The primary room, with its large floor space, would be an excellent place in which to hold social gatherings and serve luncheons. The different church societies could meet any day in the week in the south room, where a library could be maintained which everyone might enjoy and where tired parents could slip away from the cares of life into a fairyland of books. The school should be like a big home where old and young can meet and enjoy themselves, shut away from the trouble and worry of the business world. Time could be divided and each different society be made responsible for the entertainments of a certain period, these entertainments provided especially for parents and other guests. I believe such an arrangement of things will add much to the social life and eliminate many of the unpleasant features. And I think a fitting accompaniment to the slogan, "Back to the soil" would be "back to the school for ideal social life in rural communities."

**Catch the Hog Dollars You are Losing**

MARKET more pork products—and less hogs! To get the largest return in LARD; to produce SAUSAGE that will make reputation for you, and bring the highest prices, use the

**"ENTERPRISE"**  
**Sausage Stuffer and Lard Press**  
Iron Cylinder Bored True

gives close, accurate fit of plunger plate, without jamming. Air bubbles are prevented and spoilage of sausage is avoided by the improved and patented "ENTERPRISE" Corrugated Spout

the only spout that positively frees the casing of all air. Broad lips on Tin Cylinder (strainer) for easy handling of hot cracklings. No hot iron cylinder to handle when pressing lard. Long crank—easy turning.

Cut the sausage meat with the "Enterprise" Meat-and-Food Chopper. This chopper CUTS—it has a four-bladed steel knife. It doesn't mangle and mash the meat, squeeze out its juices, like some choppers do. It cuts all kinds of meat, vegetables, bread, fruit; and is a constant kitchen convenience and economy in turning "left-overs" into dainty dishes.

Your dealer can supply you. Insist on "Enterprise." Family Size, \$1.75 Large, \$2.50

COOK BOOK FOR 4c STAMPS. The "Enterprising Housekeeper" with 200 tested recipes and household hints.

**The Enterprise Mfg. Co. of Pa., Dept. 113, Philadelphia**



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To advertise our business, make new friends and introduce our catalogue of watch bargains we will send this elegant R. R. style watch by mail post paid for ONLY 98 CENTS. Gentlemen's size, full nickel silver plated case, locomotive on dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. Send this advertisement to us with 98 CENTS and watch will be sent by mail post paid. Satisfaction guaranteed or money refunded. Send 98 cents today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

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We have been in business nearly 40 years and there is no piano house of higher financial standing or with better reputation. Don't buy any piano until you hear from us. Write today sure. We have hundreds of used pianos, sample pianos and shop worn pianos of other makes at astounding low prices. No matter what you want write us sure. We sell organs too.

**J. W. JENKINS**  
SONS' MUSIC CO.  
KANSAS CITY MO.

### Bring Out the Bean Pot

[Prize Recipe.]

Take a quart of large white navy beans, wash and look them over carefully, then set them away to soak over night. Allow plenty of water, as they will soak up their own weight. Before breakfast the following morning put the beans in a pot with plenty of water and let them simmer on the back of the range for about 4 hours, adding salt, and more hot water as required. When it is time to start preparations for dinner, transfer the beans to an earthen crock or porcelain lined pan. Pour over them 3 tablespoons of New Orleans molasses and the same amount of white sugar, stirring to mix with

Did you know there are just six more Saturdays left before Christmas, and that some of them are likely to be stormy? If you are going to do that Christmas shopping early this year, don't you think it is time to begin?

the beans. Place a piece of pork or smoked bacon about 6 inches square in the center of the beans, with the top of the meat just even with the upper layer of beans. Set the crock in the oven and bake slowly for 2 hours, adding enough water to keep them moist until they are browned on top and the meat is thoroughly done. Serve in the crock hot or cold as preferred. In cool weather a week's supply may be cooked at one time. There is nothing more nutritious for cold lunches.

Mrs. H. S. Atchison.  
Minneapolis, Kan.

One of the greatest opportunities of missionaries in China today lies in the work of a music teacher. The women in that country want to learn to speak English and to play the piano.

### Keeping Track of the Clothes

[Prize Letter.]

I am a busy farmer's wife, with six children, and find keeping track of the clothes for so many is quite a problem, but have learned by experience a good way to manage. On wash day when the clothes are gathered in, all the everyday underwear and stockings are folded smoothly when taken from the line and placed at once in each child's dresser drawer. As the ironing is done, every piece is laid in its own pile and afterwards put into its owner's drawer. Then when any child needs a clean garment, he knows where to find it without my help. I like to do the mending before putting the clothes away. When the summer clothes are put away in the fall, I find it a great help to make a record of anything that will be needed for the next summer, as for instance, "Mary needs a white skirt and white hose," or "Jennie needs underwear and a white dress." In this way I am better able to plan my buying, and feel I save money. I pack the clothes in a large box, putting in the summer clothes when I take out the winter ones. The best dresses are kept in a drawer by themselves.

Mrs. E. L. Marshall.  
R. 3, Bonner Springs, Kan.

### Who Has These Recipes?

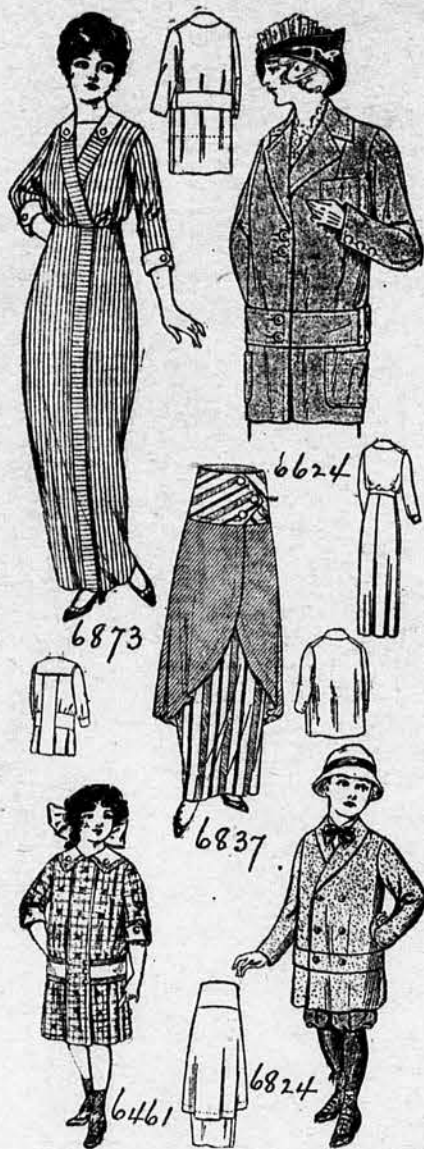
Some years ago I found a recipe for buttermilk pie, but I have since then lost the clipping and forgotten how the pie was made. I remember the pie required the yolks of 4 eggs and was flavored with vanilla. I would like to have it, and also the directions for preparing a turkey for roasting. I think the turkey was rubbed with salt and soda and left to stand over night, then washed well before roasting.

Mrs. O. E. Ross.  
Weber, Kan.

## HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

A neat, comfortable housedress is shown in No. 6873, which comes in sizes 34 to 44 inches bust measure. Size 36 requires 4½ yards of 36-inch material and ½-yard of 27-inch contrasting material. Now that cold weather is approaching, it might be well to make this housedress of gala-



tea cloth, a washable cotton fabric warmer and heavier than calico or gingham.

A jaunty separate coat for misses is No. 6624. Bright green and scarlet are popular colors for such a coat. Mixed gray materials are also good. The pattern may be had in sizes 34 to 44 inches bust measure. Size 36 requires 5 yards of 27-inch material.

The ladies' two-gored skirt No. 6837 is cut in sizes 22 to 32 inches waist measure. Size 22 requires 4 yards of 54-inch material.

Box plaits are the feature of the little girl's dress shown in No. 6461. The pattern may be obtained in sizes 6 to 12 years. Age 8 years requires 3¾ yards of 36-inch material with ¾ yard of 27-inch contrasting goods and 4½ yards of braid.

An overcoat for boys is illustrated in No. 6824, which is cut in sizes 2 to 8 years. For age 4 years 2½ yards of 54-inch material will be required.

### USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find ..... cents, for which send me the following patterns:

Pattern No. .... Size .....  
Pattern No. .... Size .....  
Pattern No. .... Size .....

Name .....

Postoffice .....

State .....

R. F. D. or St. No. ....

BE SURE TO GIVE NUMBER AND SIZE.

Wireless telegraphy is being used in Canada in reporting on forest fires.

### Peace

What was the first prophetic word that rang  
When down the starry sky the angels sang,  
That night they came as envoys of the Birth—  
What word but peace, "peace and good will on earth?"

And what was the last word the Master said,  
That parting night when they broke brother-bread,  
That night he knew men would not let him live—  
Oh, what but "peace I leave" and "peace I give?"

And yet behold: near twice a thousand years  
And still the battle-wrath, the grief, the tears.  
Let mercy speed the hour when swords shall cease,  
And men cry back to God, "There shall be peace!"

—Edwin Markham.

### Look For Beauty

I wonder how many busy mothers and homemakers stop to consider how much we lose out of our lives every day when we neglect to see the beautiful things kind nature has put here for us to enjoy. Our daily tasks are so much the same day-after-day—cooking, sewing, washing, and caring for the little ones—and there are so many cares and worries that we sometimes feel too tired and discouraged to look for beauties any where. Our lives are just as pleasant or dull as we make them for ourselves. When we must get up before daylight these early mornings, why not take a moment to look out at the sunrise? No artist's brush has ever been able to match its wonderful colorings. The whole day will go better if we start it with our thoughts full of such beauty. Just making our faces wear a smile will help us to feel cheerful ourselves and make the home much more pleasant for everyone in it. Children are not nearly so likely to be cross and fretful if mother is always smiling. Let us make it a rule to rest an hour every day even if some bit of work must be let go to do it. Have a comfortable rocker in the cheeriest corner of the kitchen, with a rug or a strip of soft carpet beneath it to rest our weary feet, and a small stand nearby with our favorite book—never the sewing or patching. Even if we have only a few minutes a day for reading, we can finish several books in a year and feel we are keeping up with the outside world a little. If there is a small baby to care for, the rug and chair and book are all the more necessary, for while baby takes his lunch, mother can read her book or paper. We should never be too busy to go to church when there are services near enough to attend. The songs of praise and the prayers of Sunday will give us courage and cheer for all the week.

Hartford, Kan. Lizzie Corbin.

### Cake From the Scriptures

Try a Scripture cake for Thanksgiving. The recipe may sound queer, but the cake is delicious. Such a cake, brown and spicy, with the recipe written neatly and enclosed in a ribbon tied envelope, will prove to be one of the "best sellers" at the Christmas bazaar later in the year. To make it, take these ingredients:

Four and one half cups of First Kings 4:22 (first clause), 1 cup of Judges 5:25 (last clause), 2 cups of Jeremiah 6:20, 2 cups of First Samuel 30:12, 2 cups of Nahum 3:12, 2 cups of Numbers 17:8, 3 tablespoons of First Samuel 14:25, ¼ teaspoon of Leviticus 2:13, 6 of Jeremiah 17:11, ½ cup of Judges 4:19, 2 teaspoons of Amos 4:5. Season to taste with Second Chronicles 9:9. Mix all the ingredients together, beat well, and bake from 1 to 2 hours in a slow oven.

Mrs. Mary E. French.  
R. 2, Sweetwater, Okla.

### For a Sweet Disposition

Mix together 3 grains of common sense, 1 large heart, 1 good liver, plenty of fresh air and sunlight, 1 bushel of contentment and 1 good husband. Do not jar or bring to a boil.

Winona Wagner.  
R. 5, Fort Scott, Kan.



I bought that wagon 48 years ago—  
Use it every day—it is a Studebaker

A WAGON that has been giving its owner adequate service for forty-eight years would be considered a wonderful wagon if it wasn't a Studebaker.

Thousands of Studebakers, forty years old, and more, all over the United States, are making money for their owners every day. Here is a letter from dealer William Nevenheim who reports on a Studebaker wagon owned by David Clark, of Bemis, South Dakota:

"I have a customer here, Mr. David Clark, who owns a Studebaker wagon he has used constantly since 1865. Mr. Clark bought this wagon from G. W. Howard, Gilenton, Wis. The wagon is in actual use every day."

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We have thousands of letters from all parts of the United States furnishing proof that thirty-five and forty years of life are nothing unusual for Studebaker wagons.

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Don't accept any other wagon represented to be "just as good" as a Studebaker. The substitute may be cheaper but it isn't up to Studebaker standard and you can't afford to buy it.

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Studebakers last a lifetime



Be it twins fondled by mother or the

### "TWIN" PEDESTAL EXTENSION TABLES

These tables derive their name from the fact that they have two oval or oblong pedestals, each complete in itself, thereby gaining a decided improvement over the ordinary one pedestal cut in halves, so as to divide.

When entertaining friends at luncheon and you have spared neither pains nor expense preparing, will you serve the "spread" on a "divided" one pedestal table showing locks, bolts, nuts, etc., unfinished surfaces exposed, or will you have a "Twin" that is perfect whether closed or extended?

It's up to you, and surely, as a table lasts a lifetime, you will procure a "Twin," the table you will be proud of.

Write for free booklet and for the name of the dealer in your vicinity who handles them.

### Wisconsin Furniture Co.

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MILWAUKEE, WIS.

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"TWIN" Pedestal Tables

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Please send me free booklet on "Twin" tables  
Information regarding "Twin" tables

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the Kodak pictures you have made of amusing incidents about home, of the boys and girls at play, indoors or out—flashlights of the interior of the house, of parties or socials—portraits of the family, and even pictures of fruit or plants,—in every one of these there is something to recall—something worth while.

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We want you to know about Square Deal Fence. Why it's better, why it will last longer, why it costs less to put up, why it stays trim and tight the year round.

Write Us—get our Square Deal Catalog which tells how we prepare the steel draw it into wire and make it into fence that will last. We will also send land owners FREE (if you have not had a copy) Ropp's New Calculator which gives the answer to any farming problem. **BOOKS FREE if you write AT ONCE.**

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## 30 DAYS TRIAL

Get Our Book Before You Buy Fencing

Our direct-from-factory price saves you the middleman's profit. It gives you fencing of highest quality at low cost.

**Homestead Fence** is built for long life without repair expense. It cannot sag or buckle. There is one-third more crimp than in any other fencing. Once tight and it stays tight, in spite of expansion or contraction from heat and cold.

Notice This Knot the line wire. See the smooth round loop—no raw ends to catch clothing or to rust. The stay and knot are one piece from top to bottom. 30 days' trial, with money back and freight paid if the fencing fails to satisfy perfectly. Send postal today. Homestead Fence Co. 21 Front Hannibal, Mo. Street.

**BROWN FENCE**

Strongest, heaviest wire. Double galvanized. Outlasts others nearly 2 to 1. Low prices direct from factory. Over 150 styles for every purpose—hog, sheep, poultry, rabbit, horse, cattle. Also lawn fences and gates of all styles. Mail postal for catalog and sample to test and compare with others. Address THE BROWN FENCE & WIRE CO. Cleveland, Ohio. Department 15

## FARM FENCE

11 1/2 cts. a rod for a 28 in. high fence; 17 1/2 cts. a rod for 47 in. high stock fence; 23 1/2 cts. a rod for 60 in. heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barb wire, 30 rod spool, \$1.40. Catalog free. INTERLOCKING FENCE CO. BOX 25 MORTON, ILLINOIS.

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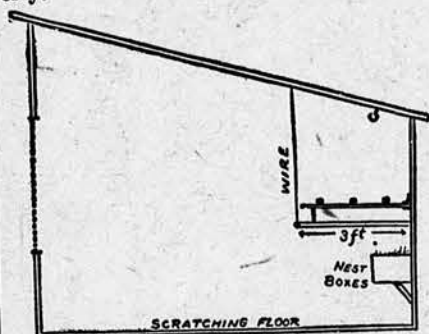
# Elaborate House Not Needed

## Hen With Frosted Comb is Not in Humor to Lay

BY A. H. S.  
Axtell, Kan.

GOOD purebred hens of a laying strain are the first requisite for the production of winter eggs. I do not believe you can take every flock of hens and get results. One of the important things in raising chickens is to have good warm houses and sheds to shut off the keen north wind. These houses need not be of the fancy style; a good straw shed will be all right, if no drafts blow through it over the roosts. The south side should be open for light and sun, with muslin curtains to lower on the coldest days and nights. A frosted comb on a hen means no eggs, and frequently on the large combed varieties it means no hen.

The hen house should be absolutely clean and free from vermin. Once a year is not enough to clean the hen house. It should be cleaned at least once a week. It is a small job if attended to properly.



Open the south side to the sun.

This is the end view of my favorite style of coop, showing roost platform and nest boxes hung under the platform. We have the greatest economy of floor space in this plan and economy of labor in caring for the hens. This coop will accommodate from 150 to 200 hens, if they have sheds to scratch in on cold days.

Our chickens have a dry mash composed of 100 pounds ground corn, 200 pounds bran, 100 pounds shorts, 25 pounds fine meat meal, 50 pounds beef scraps and 25 pounds oil meal, before them all the time in self feeders—one in each coop. Three times a week the mash is scalded with milk. They have wheat, oats, emmer, millet, kafir in the head and ear corn for grain feed. The mixed grain is fed in a litter made from the same grains fed in the bundle. I have no regular time to feed the threshed grain. The ear corn is before them all the time and I only feed shelled corn in the very coldest weather and then just before the chickens go to roost. They are supplied with pure water and in very cold weather it is warmed. For green feed I use potatoes and beets and sometimes when they are cheap I feed apples cut in halves and scattered in the yards. I also feed cabbage cut up the same as for cooking. The chickens have oyster shell, coarse ground bone and plenty of gravel all the time. We get 11 to 12 dozen eggs a day.

## Should Mash Be Dry or Wet?

Hens will lay as many eggs when fed dry mash as when fed wet but it is best to feed both as they both have their advantages, and add greatly to the variety of the hens' bill-of-fare. The dry mash should be fed from large self-feeding hoppers so that the hens may have constant access to it. There is no danger that the fowls will eat too much dry mash.

The wet mash is fed in troughs or on clean boards, usually but once a day. It will be found slightly more forcing than the dry mash but it is not so convenient to feed. I do not feed wet mash to pullets hatched in January as they will commence laying in September without forcing, but pullets hatched in the late spring should be fed a wet mash to force them to begin laying in the early winter. They will then continue to lay through the winter with but little forcing.

G. H. Kump.

R. I. Jennings, Kan.

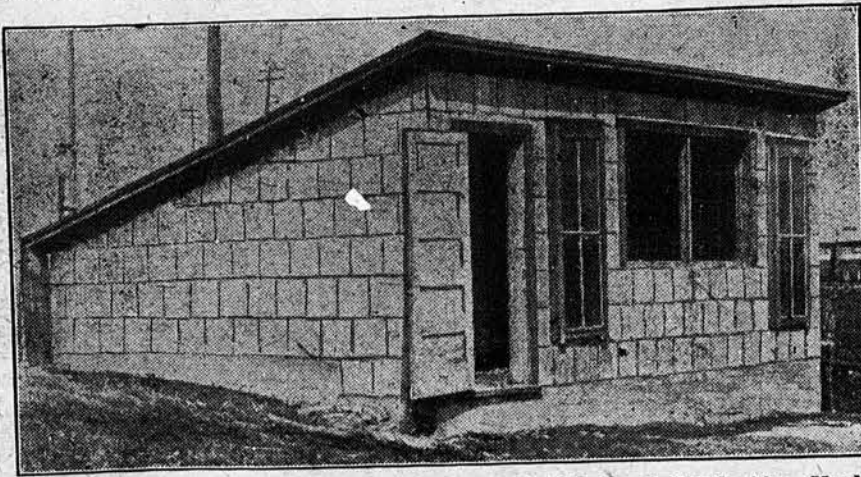
## Learn How to Judge Poultry

A poultry show that is conducted so that you know exactly why the judges decide as they do, is worth while. Such a show will be held at the Kansas Agricultural college December 30 to January 1. In this show the judges will not walk up and down the aisles and place the ribbons, no one knows how or why. The judging will be done upon a platform, surrounded by comfortable chairs, where those interested may see everything that is done, and ask questions. Instead of looking like a Chinese puzzle to the uninitiated, every award in the entire show will be carefully explained in detail. This judging is not to be done by the college professors, who are sometimes charged with being mere theorists but by the most representative and best known judges in the state.

The opportunity of being instructed in judging work by such men as John C. Snyder, G. D. McClaskey, E. W. Rankin, L. H. Wible and George Beuoy is one that fanciers and breeders will not be slow in taking advantage of. Where they desire to do so, fanciers may enter their own birds in the show, and have the judges discuss them and make suggestions as to how the stock may be improved. The judging school is a part of the program of the meeting of the Kansas State Poultry Federation, held in connection with the State Farmers' Institute, where over a thousand farmers gather annually to learn the latest and best that has been developed in agriculture. The admission to all meetings of the State Poultry Federation, as to the State Farmers' Institute and the judging school are free. Those wishing to enter stock at the college show should apply to N. L. Harris, secretary of the Manhattan Fanciers' Association, for a premium list and particulars.

Because of extreme drouth, the fire risks on the national forests in the Northwest have been greater this season than in any other since 1910, the worst year since the forests were created. Much less damage was done this year because experience in fire fighting was gained in the fires of 1910.

Lots of people use nest eggs as a sort of mental suggestion to their hens. One singing biddy will furnish more suggestion than will a whole hat full of nest eggs.



Drafts Are Not Found Here, and Still There is Plenty of Fresh Air. Muslin Curtains May Be Used on Cold Nights.



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## Ask For My Free Engine Book

Send a postal now for our new 1915 proposition and valuable engine book that is full of engine information, pictures and letters from satisfied customers that tell the absolute truth about Galloway engines. It's yours for the asking. Wm. Galloway, Pres., The Wm. Galloway Co. 45 Galloway Station Waterloo, Iowa

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## DRINK

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WALCHER'S CHOCOLATE

Coffee



# Lorimer of the Northwest

BY HAROLD BINDLOSS

Author of "Ranching for Sylvia," "By Right of Purchase," "Winston of the Prairie," "Alton of Somasco," and Other Stories.

(Copyright Frederick A. Stokes Co., N. Y.)

## SYNOPSIS

Ralph Lorimer and Harry Lorraine, young Englishmen farmers in the Canadian Northwest, have just harvested their first wheat crop after the most trying hardships and self denials. After a supper at Elktrail in celebration of their success Lorimer and Lorraine meet Grace Carrington with whom Lorimer has been in love almost since their childhood in England. Grace invites both to the Harvest Home, an annual festival at Lone Hollow, and there she and Lorimer talk over old times.



RACE'S face grew suddenly grave, and there was a heightened color in it as she answered: "Your friend is a philosopher, besides a fine musician, and I quite believe you. I have had such experiences—but I think these fancies, if fancies they are, are best forgotten. Still, tell me, did you dream or imagine anything more?"

"Yes," I said, still puzzled as a dim memory came back, "I saw your father too. He seemed in trouble, and I was concerned in it. This I think was on the prairie, but there were tall pines too; while across the whole dream picture drove an alternate haze of dust and snow."

Grace shivered as though the relation troubled her, and was silent until she said with a smile:

"It must be that ghostly music. Louis of Sapin Rouge has missed his vocation. We will talk no more of it. You once did me a kindness; I wonder whether you would repeat it."

"I would go to the world's end," I began hotly, but stopped abashed as she checked me with a gesture, though I fancied she did not seem so displeased at my boldness as she might have been. Then she answered, smiling:

"I thought you were too staid and sensible for such speeches, and they hardly become you, because of course you do not mean it. It is nothing very serious. There are signs of bad weather, and my aunt is not strong, so, as Miss Lyle presses us, we shall stay here until tomorrow noon, and I want you to ride over and tell my father. He might grow uneasy about me—and for some reason I feel uneasy about him, while, as he has been ailing lately, I should not like him to venture across the prairie. It seems unfair to ask you, but you are young and strong; and I should like you to meet him. He has his peculiarities, so our neighbors say, but he has ever been a most indulgent parent to me, and he can be a very firm friend. You will do this, as a favor, won't you?"

She gave me her hand as she rose, and, mastering a senseless desire to do more than this, I bowed over it and hurried away, feeling that hers was the favor granted, for Ormond and many others would gladly have ridden fifty miles through a blizzard to do her bidding. It was for this reason that I made my excuses to our host quietly, and Harry laughed as he said: "I'll ride over with the others for you when the dance is finished, but that won't be until nearly dawn. The length of these prairie festivities is equaled only by their rarity. But beware, Ralph. You are a poor wheat-grower, and too much of those bright eyes is not good for you."

I was glad of the skin coat and fur cap before I even reached the stables, and Jasper's horse made trouble when I led him out. He knew the signs of the weather and desired to stay there, because they were not promising. Now, though winter is almost Arctic in that region, the snow-fall is capricious and generally much lighter than that further east, though it can come down in earnest now and then. Thus, swept by the wind, the grass was bare on the levels, or nearly so, and there was no passage for steel runners, while our poor wagon, which would have carried us much more snugly swathed in wrappings, had broken down, as when wanted it usually did. So, shivering to the backbone, I swung myself into the saddle and hardened my heart to face the bitter ride.

## HELD UP.

IT was very dark. The wind had the coldness of death in it, and when the lights of Lone Hollow had faded behind the obscurity closed round me like a thick curtain. Still, trusting to an instinctive sense of direction men acquire in that land, I pushed on for the big coulee—one of those deep ravines that fissure the prairie and much resemble a railway cutting. This one was larger than the rest, and Carrington Manor stood near one end of it. The horse evidently had little

liking for the journey, and did his best to shorten it, while I had hard work to keep my mittened hands from freezing as we swept onward through the night.

In places a thin carpet of snow-dust muffled the beat of hoofs, and there was no sound but the mournful shrilling of the wind, which emphasized the great emptiness and sense of desolation until I almost felt that I had ridden out of our busy life into primeval chaos. We are inclined to be superstitious on the prairie, which is not greatly to be wondered at. Fifty yards from the lighted homestead in winter-time there is only an overpowering loneliness, where Death with his ally the Frost King reigns supreme; while, living closer to nature, we learn that there are even yet many mysteries, and man plays but a small part in the business of the universe. Generally, as far as anything human is concerned, the prairie is as safe at midnight, if not safer, than a street in London town; but because game is plentiful there is generally a gun in the wagon, and when the settlers ride out they often carry a rifle at their back.

"Halt!" cried a voice I recognized; and there was a jingle of steel as two skin-wrapped troopers of the Northwest Police wheeled their horses on either side of me, while another, who spoke with authority, grasped my bridle. Even in that darkness I could see the ready carbines, and, knowing what manner of men these riders were, I was glad I could meet them peaceably.

"Your name and business," said the voice of Sergeant Macfarlane; and a disappointed laugh followed my reply as that worthy added, "Then if ye have no' been raiding Coombs lately ye can pass, friend. Seen no one on the prairie? I'm sorry. Four cattle-lifting rustlers held up Clearwater Creek, and we're going south for the next post to head them off from the boundary. Well, time is precious. A fair journey to ye. It's a very bitter night, and snowing beyond."

With a faint clatter they vanished again; and I did not envy them their long ride to the next post, with a blizzard brewing. We do not rear desperadoes on the prairie, though some few are sent to us. Neither do they take root and flourish among us. I was glad that these particular outlaws had journeyed south, and was even more pleased when I reached the coulee, for the cold was increasing and the ride had grown inexplicably dreary. It was warmer down in the hollow among the trees, but so black that it was the horse rather than I that avoided them, while now and then a branch lashed my forehead like a whip. There were cypress among them resembling solid masses of gloom, and the wind howled weirdly; but at last I blundered up the winding trail into sight of Carrington Manor. The big log-and-frame-built house was dark and silent, and though I knew that at least the majority of its inhabitants were at Lone Hollow the sight depressed me. Then, just as we drew clear of the trees, I checked the horse, for, silhouetted blackly against the sky, a single mounted figure kept watch over it. Perhaps it was instinctive caution, or it may have been that Grace's uneasiness had infected me, but I led Jasper's horse back into the coulee and hitched him to a tree, then, unslinging the rifle, stood still shivering as I watched the figure.

There was something sinister about it, and it might have been frozen stiff but for a faint rattle as the horse moved its head, while once I caught a rigid line across the saddle which suspiciously resembled a rifle. Then, recalling what Sergeant Macfarlane had said, I knew that while the police rode hot-foot toward the boundary the rustlers had doubled on their tracks to hold up Carrington Manor. It also struck me that as the main trail ran straight across the prairie the watcher knew nothing about the bridge-path through the coulee. In any case, it was plainly my duty to reach the homestead and render assistance if I could.

I made sure that the Winchester cylinder was filled with cartridges by pressing back the slide, and then I crept cautiously, with the dark trees for a background, toward the building, observing as I did so that the latter rendered the scout invisible to anyone approaching by the direct trail. Then, stooping low, I crossed the bare space which divided me from the house, trusting that a humming bullet might not overtake me, and reached it safely with a heart that beat at twice its usual speed. It is one thing to face danger in hot blood, but it is quite

another and much more unpleasant matter to slink through the darkness wondering whether a foe one cannot see is following each movement with a rifle. All this I considered as I flattened myself against the wall—for I was by no means braver than my fellows—and presently, yard by yard, wormed myself along it until I passed a corner.

There a light shone out across the snow from a window, and I am perfectly willing to admit that I crawled toward it on hands and knees, for angry voices now reached me, and I knew that if I raised myself and the watcher had changed his position he could see me. I reached the sill at last with the rifle clenched in one mittened hand; and while I debated on my next procedure I heard Colonel Carrington say slowly and fiercely:

"I will neither sign nor tell you!" Then, reflecting that while one can always see into a lighted room those inside it cannot see out, I determined to risk the scout's vigilance, and raised my head cautiously, for it was plain that something quite unusual went on inside. I looked into a kind of ante-room on one side of the entrance, which the ruler of Carrington used as an office or study. He sat in a basket chair with a frown on his face and disdained in his eyes, while a burly man muffled in wrappings leaned on the table opposite him, holding a rifle, the muzzle of which was turned toward the Colonel's breast. But there was no sign of fear about him, and I had heard the settlers say that nothing living could make Colonel Carrington flinch. An open check-book and some note-paper lay beside an inkstand on the table, and another armed ruffian stood near the stove. The door of the hall close by stood partly open, and their voices were audible through it.

"I guess it's quite simple, but you make us tired," the latter said. "You'll tell us where the chest is, and just fill in that check, with a letter vouching for the bearer and explaining why you want so much in a hurry. Then, as I said before, you'll ride south with us a day or two while we arrange for cashing it, after which we'll let you go safely, on our honor."

Colonel Carrington laughed sardonically, and I could fancy his thin lips curling under the gray mustache before he answered:

"I hardly consider that a sufficient guarantee. Again, I will neither sign nor tell you where the chest is. Confusion to you!"

"You're a hard man," said the other almost admiringly. "If we'd had you to head us we'd have bluffed off Uncle Sam's troopers at the Cypress range. Still, we've no time for fooling, and if Jim finds the chest without you we'll risk putting up the price a thousand dollars or so. Jim is tolerably handy at finding things. See here, you have got to sign it, and sign it now, before this Winchester makes a mess of you!"

The Colonel glanced at the rifle coolly, as he answered: "I fail to see what good that would do. My handwriting is peculiar; you couldn't imitate it, while you would certainly be hanged when the troopers laid hands on you."

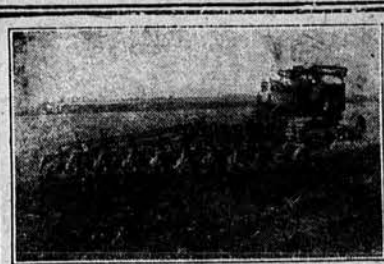
This was incontrovertible logic, and the two outlaws drawing apart conferred with each other softly, while I debated what I should do. The case—ment was a double one, but I felt sure I could drive a bullet through one of them. Still, even in the circumstances it looked too much like murder, and to this day I have never taken the life of a man, though occasionally forced into handling one roughly. Before any decision could be arrived at a tramp of feet in the hall showed that somebody approached under a burden.

"Keep the muzzle on him," said one. "I guess Jim has found the coffer, and we'll make sure of that. I'll help him to cinch it on the horse if we can't open it. Colonel, we'll have to fine you the further thousand dollars."

I realized it was high time for me to vacate that position unless I wished the couple to discover me, and so I slipped back into the shadow, just in time, as they strode out carrying something. I watched them vanish into the blackness, heard the scout answer their hail, and then I crawled back swiftly toward the door this time. A glance through the window in passing showed me that the remaining outlaw stood with his back toward the entrance, and his eyes fixed on the Colonel. The door was half closed when I reached it, and for a moment I stood there shortening my grip on the rifle and gathering my breath; then with a bound I drove it inward, and whirled aloft the butt of the Winchester.

The outlaw twisted round on his heels; but he moved an instant too late, for even as his fingers tightened on the trigger the steel heel-plate descended in the center of his face, and I felt something crunch in under it. He staggered sideways, there was a crash as the rifle exploded harmlessly, and be-

(Continued on Page 16.)



## Those Low Spots Call for a Creeping Grip Tractor

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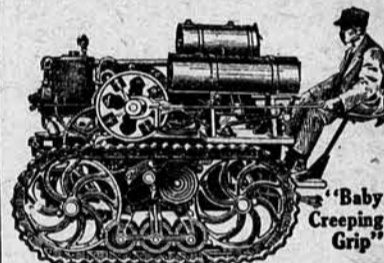
You go right through them, and finish the furrow at the end of the field.

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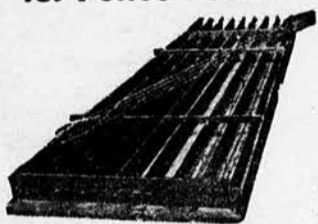
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## Don't Neglect the Milk Cow

Udder Trouble Is Curable If Given Prompt Attention

BY C. A. ESSLOFF  
Fayette, Mo.



**H**EAVY milkers are more or less subject to udder troubles. Often a man with initiative and common sense can relieve these troubles as well as a veterinarian. A neighbor of mine is a breeder of fine black Polls. Soon after one of his best cows calved he noticed the calf seemed thin and hungry. Examining the cow he found three teats closed up and the udder spoiled to such an extent she could not feed her calf. The cow seemed ruined and was offered for sale at a low figure. The man to whom the cow was offered advised my neighbor to keep the animal to raise fine calves from, letting another cow furnish the milk. This year the cow with one good teat is the mother of a male calf, the owner has refused \$175 for. With a little timely attention, though, she would be suckling her own calf.

When there seems to be an internal swelling or congestion within the teat, threatening to close up the lacteal veins, insertion of a silver tube relieves the udder and starts the flow of milk. The tube slips in easily with little objection from the cow. The milk runs out in a steady stream and after the teat is clean some good liniment or salve may be freely applied. If the teats are scratched, chapped or bruised try some good salve or salty grease. There will not be so much kicking from either participant at milking time. Should the udder be caked after the calf is born, massage night and morning with warm linseed oil. It may take several days' treatment before it will be safe to leave it, but you will find persistence pays.

A woman of my acquaintance has a fine Jersey cow. Through misadvice this cow was allowed to go dry several weeks before calving time. After the calf came the cow had a severe case of milk fever. Two veterinarians were called but the Jersey did not improve. Knowing the efficacy of hot fomentations Mrs. N. proceeded to apply them to the udder tract night and morning until the cow was relieved. The milk yield for that year was greatly reduced but with the coming of the next calf it again became normal.

There is always some way out of every dairy difficulty. Don't let your cow's udder become spoiled for lack of proper attention. If there are complications that you do not understand call a veterinarian. If he is short of experience try your State Experiment station. The dairy experts and veterinarians there are the highest tribunal on such matters and are always glad to give aid and advice.

### Keeping Dairy Cow Records

In no other business except farming has general success been attained without the use of business methods, such as keeping records of the various transactions. With the increasing cost of farm operations and keener competition in selling, success under these conditions is becoming less and less certain. Careful attention to details is essential to success in dairying, and as a result the most successful dairy farmers are keeping records of the individual cows.

The use of the Babcock test and scales enables the farmer to keep an accurate

account of what each cow is producing, thus making it possible for him to weed out his poor cows intelligently and build up a good producing herd. The method is simple, easy to understand, and requires but little labor. For keeping these records, the following articles will be needed: Scales, milk sheets, Babcock testing outfit, and blankbooks for permanent records of each cow.

### American Cheese Scores High

American cheese makers should take advantage of the present excellent opportunity to establish a reputation for their products that will outlive the present disturbance in international commerce. European cheeses have long been popular in this country, and it is a general belief that they cannot be equaled by the domestic product.

Cheeses have been made in this country which rank, in the opinion of experts, fully as high as foreign cheeses of the same class. The popular preference for the imported products, however, has hitherto prevented these cheeses from selling on their own merits in competition with European produce.

As long as the general public believes that the imported product is the best, the tendency on the part of the American manufacturer is to turn out goods that will sell because of their low price, not because of their high quality.

The best way to remedy this condition of affairs and to make friends for domestic cheeses of foreign type is for American makers to label their products frankly as American goods. This will give the consumers an opportunity to compare our best homemade products with the imported article. The result will be the removal of a long-standing prejudice and an added incentive for manufacturers to improve the quality of their products. It is thought that this can be done and the price still kept below that necessarily demanded for imported cheese. But any temporary advantage gained by the present situation cannot be maintained unless American cheese makers work for quality of their products. Eventually, they will again be obliged to compete with Europeans, who for generations have looked upon cheese making as a fine art.

### Kansas Dairy Students Win

The dairy judging team of the Kansas Agricultural college won second place in competition with teams from 15 states in the contest at the National Dairy show at Chicago, October 22 to 31. The University of Ohio ranked first and the University of Maine third. The Kansas team made the highest score in judging Ayrshire cattle. Two silver loving cups and one gold watch fob were won by this team.

The three boys who represented the Kansas college were Victor Stuewe of Alma, James Linn and A. W. Aicher of Manhattan. Victor Stuewe held the highest place on the team and ranked fourth in the general contest. James Linn won first place in judging Guernseys. The team, coached by J. B. Fitch, instructor in dairy husbandry, visited some of the best herds of dairy cattle in Iowa and Wisconsin before going to Chicago.

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# Where the Broken Rules Go

## How the Public Profits By Telephone Improvements

Maybe You've Sent Some There Yourself

BY MARY CATHERINE WILLIAMS

IT WAS hot in the school house, and Billy was tired, as any fellow who'd made two home runs at noon recess and pitched five innings besides, had a right to be. A warm, lazy wind fluttered the leaves of Billy's grammar and whispered teasingly as it passed on, "I've just blown in from the woods, and gee, but it's fine out there."

"I hate grammar anyhow. It never did nobody no good," and Billy dug his fist into his eyes and yawned sleepily.

"Oh, dearie me, I'm broken again," wailed a queer little voice so close to Billy's ear that his yawn stopped in the middle from sheer astonishment.

"Why—why—where—what are you anyway?" Billy cried, staring around him very hard. Then a queer thing happened. Billy wasn't in the school house at all, but in a big, long room filled with rows of little white beds and smelling like the doctor's office when Billy fell out of the hay loft and broke his arm.

As Billy turned around slowly, not knowing what to do, a lady with a very sober face under a little white cap, and a red cross on the sleeve of her white dress, came up to him.

### A Grammar Hospital.

"So you are the boy who did it?" she said so gravely that Billy felt queer shivers going up and down his back.

"Did what, Ma'am?" he asked as bravely as he could.

"Broke poor little Seventeen's back so she'll have to lie in bed days and days," said the lady. The Grammar Rule children are broken so often by careless boys and girls, you know, the Great Mother Language had to build a hospital just for them to get well in."

"Oh," said Billy slowly. "Who is Seventeen, please? I don't believe I know her."

"Of course you don't," answered the lady. "You were too busy thinking about base ball to notice her today, and yet she was right there in the lesson. You broke her when you said 'Grammar never did no good,' and her name is Two Negatives Make An Affirmative, though we call her Seventeen for short."

"Oh," said Billy again, for he couldn't think of anything else just then to say. He was really a kind hearted boy and he felt quite badly to think he had caused so much trouble. He looked all around at the little white beds once more, and after a moment, asked "Did I hurt any more of these children, Ma'am?"

"I'm afraid you did, Billy," she replied a little more kindly when she saw how sorry he looked. "Come with me and I'll show you who they are. This poor little thing with the bandage over her face is the Rule for using the Nominative Case. You almost put out her eyes yesterday when you said 'It's me.'"

"How dreadful!" cried Billy. "Won't she ever see again?"

"Oh, yes," the lady reassured him, "if you'll mind the rule long enough to let her eyes rest. This Rule over here," she continued, "had its shoulder dislocated when you said 'I and Jim.' The doctor has a heavy weight on her arm but I'm afraid it never will grow back in place till you stop putting yourself first that way."

"I'll try my best to help her," and Billy's voice was very penitent.

### The Verbs Are Unlucky.

"Those children in the wheeled chairs," Billy's guide added, "are the Verb cousins. They're dreadfully unlucky for some thoughtless person is always

spraining their principal parts. You and Jim hurt two no longer ago than recess time when you said 'I seen' and 'I done.'"

"I'm afraid I've hurt lots more of them," Billy sighed regretfully. "Who are all those babies cryin' over in the corner?"

"Dear, dear, there'll be another one now," sighed the grave faced lady. "They are all the little G's that are left off their last syllables, and they are crying because they are lost."

"Can't they ever get back to their mothers?" Billy asked eagerly.

"Yes, every time you remember to sound your final G, a little lost Rule baby can go home again."

"I'll try to help lots of them," Billy was just starting to say, when a hard punch in the middle of his back made him stop and turn quickly, to find Jim grinning at him from across the aisle.

"Wake up, Bill," Jim whispered, "it's time for the grammar class."

### How Mr. Monkey Is Like You

Monkeys have much the same feelings and instincts as men, according to a writer in Our Dumb Animals, and are but little inferior in intelligence. They live in tribes governed by an old monkey chief who won his place by courage and strength. Monkeys are noted for their good memories and have been known to recognize faces of friends in a crowd even after long absences. Sympathy and curiosity are the most prominent traits in monkey nature and, curiously enough, are among the most important characteristics of human beings. Sympathy is the foundation of morals and curiosity the beginning of invention and science.

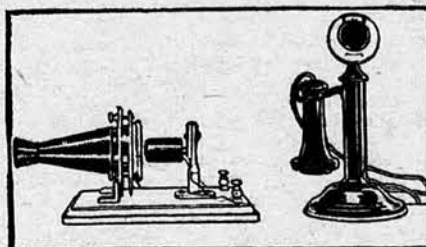
With the exception of men and dogs, monkeys are the most affectionate of animals. This affection reaches its height in the love of the monkey mother for her child. A baby monkey is always an object of interest to the crowds at a zoo, but even more interesting is the way the mother nurses, bathes and licks the coat of her queer, wrinkled, wizened little one. She rocks it and lulls it to sleep in her arms just as human mothers do their own little rosy cheeked babies, and she does not hesitate to box its ears or slap its face if the youngster is naughty. When baby is ill, mother monkey is filled with anxious distress, and if the little one dies, her despair and grief are truly pitiable. She will carry the little corpse about with her for hours and even days, refusing all food, till she sometimes literally pines to death. Orphan monkeys are adopted by the tribe and carefully looked after by the older monkeys.

The chattering of monkeys is as much a language as the dialect of many savage tribes. It is without meaning for human ears for the same reason that the chattering of Frenchmen is meaningless to Americans. They think and feel, and any means for the exchange of feelings is really a language whether it be sounds, gestures, or grimaces.

Garner, who studied monkeys for years, says, "I have many little monkey friends to whom I am much attached, and whose devotion to me is as warm and sincere, as far as I can see, as that of any human being, and I cannot see that their love for me differs in any way from my own for them."

There are no policemen, postmen, street-lamps or newspapers in Jerusalem.

Here is a big fact in the telephone progress of this country:



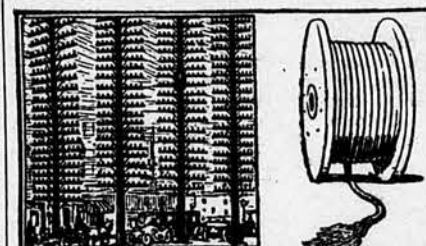
Original  
Bell Telephone  
1876

Standard  
Bell Telephone  
To-day



Early  
Telephone  
Exchange

Typical  
Present-day  
Exchange



If City Wires  
Were Carried  
Overhead

800 Wires  
in Underground  
Cable

Hand in hand with inventions and developments which have improved the service many fold have come operating economies that have greatly cut its cost.

To appreciate these betterments and their resulting economies, consider a few examples:

Your present telephone instrument had seventy-two ancestors; it is better and cheaper than any of them.

Time was when a switchboard required a room full of boys to handle the calls of a few hundred subscribers. Today, two or three girls will serve a greater number without confusion and very much more promptly.

A three-inch underground cable now carries as many as eight hundred wires. If strung in the old way, these would require four sets of poles, each with twenty cross arms—a congestion utterly prohibitive in city streets.

These are some of the familiar improvements. They have saved tens of millions of dollars.

But those which have had the most radical effect, resulting in the largest economies and putting the telephone within everyone's reach, are too technical to describe here. And their value can no more be estimated than can the value of the invention of the automobile.

This progress in economy, as well as in service, has given the United States the Bell System with about ten times as many telephones, proportionate to the population, as in all Europe.



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## Lorimer of the Northwest

(Continued from Page 13.)

fore he could recover I had him by the neck and hurled him half-choked through the door. I had the sense to slam it and slip the bolt home; then, while I stood panting, the Colonel prepared to improve our position.

"Close those shutters and screw down the wing-nut hard," he said, hanging the lamp close beside the door. "Now, stand here in the shadow. I am much obliged to you, but you should have made certain of that fellow."

It was only natural that he should feel resentment; but there was a cold vindictiveness in his tone which made me realize that it was as well for the outlaw that I had not left him in the room. Then he spoke again:

"We have two good weapons; that rascal's cylinder is charged—I saw him fill it out of my own bandolier, and there is an armory in the other room. They took me by surprise—in Western parlance, got the drop on me. Of course they'll come back, but all the doors and windows are fast, and we could hear them breaking in, while in this kind of work the risk is with the aggressor."

A pounding on the door cut him short, and a hoarse partly muffled voice reached us:

"We're about sick of fooling, and mean solid business now," it said. "Open, and be quick about it, before we smash that door down and try moral suasion by roasting both of you."

"You should have stayed when you were in," was the ironical answer. "The first man across the threshold will get a bullet through him before he even sees us."

"Curse him, he's busted my best teeth in. Hunt round and find something for a battering ram," cried another voice. They evidently understood the strength of our position, for we heard them moving away.

"Gone to open the chest in the stables; they won't find much in it," said Colonel Carrington. "They will try a fresh move next time. Mr. Lorimer, of Fairmead, are you not? I wish to express my obligations again."

He took it very coolly, as it appeared he took everything, and smiled curiously as, glancing at his watch, he said half-aloud: "Well, there are worse things than a clean, swift ending, and there was a time when I should not have stepped aside to let death pass. It cannot be far from dawn, and there's not a soul in Carrington except you and myself. Grace took all my people with her to help at Lone Hollow. So, unless you are inclined to stalk them, which I should hardly suggest, as they might be too clever for you, we must await our friends' arrival and make the best of it."

I had no inclination whatever to try the stalking. To take a kneeling shot at an unsuspecting man seemed in any circumstances almost a crime; so we sat each with a rifle laid across his knees, and for the first time in two years I tasted excellent tobacco. But this vigil grew trying. The house seemed filled with whispers and mysterious noises. My throat grew dry, and the Colonel laughed when once I moved sharply as a rat scurried behind the wainscot. Neither of us felt inclined to talk, and our eyes were fixed steadfastly upon the door, until at last the lamp seemed to rise and fall with each respiration. Then the Colonel approached the window as though listening, after glancing once more at his watch.

"It must be daybreak, and I hear something," he said. There probably is one of them watching, but we must chance it," and he moved softly toward the door. When we stood outside the cold of the morning went through me like a knife. Still a rapid beat of horse hoofs rose out of the big coulee, and it was evident that the outlaws had heard them, for we saw two men busy with the horses at the stable door, while two more disappeared behind the bank of sods that walled off the vegetable garden. What their motive was, unless they meant to check any accession to our strength while their comrades escaped with the coffer, was not apparent. It was blowing strongly now, and the air was thick with falling snow, but I made out two riders who resembled Harry and Ormond coming toward us at a gallop, with another horseman some distance behind. Then a hoarse shout reached us—"Stop right there, and wheel your horses before we plug you!"

I could not see into the hollow beneath the wall because it was some distance off and the snow whirled about it, but I could imagine the Winchester barrel resting on the sods while a steady eye stared through the sights, and knew that neither Ormond nor Harry carried weapons. So I started at a flounder toward them, roaring as I went:

"Go back—for your life, go back!" They evidently did not hear me,

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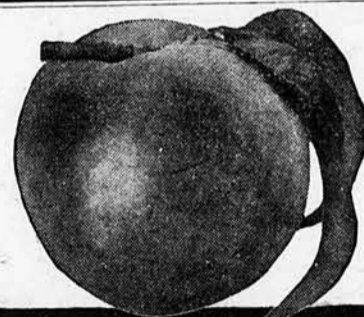
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though we were afterward to hear the reason for an apparent act of madness. Harry was always reckless, and Ormond coolly brave, while as I ran I saw two horses flying at the wall. A streak of red flame blazed out low down in the snow, a mounted man passed me leading two horses, and I neither knew nor cared whether he noticed me, for I felt suddenly dizzy, wondering whether the bullet had gone home. Neither did I hear any report at all, for my whole attention was concentrated on the black shapes of the riders breast high beyond the wall. Then one beast rose into the air, and I saw Ormond swing a riding crop round backward as though for the sword cut from behind the shoulder. A soft thud followed, Harry's horse cleared the sods like a bird, and I blazed off my rifle at a venture toward the hollow as they thundered neck and neck past me. It was clear that empty-handed they had ridden either over or through the foe.

After that events followed too rapidly to leave a clear impression. A pair of half-seen figures which appeared at the other end of the hollow scrambled for the empty saddles, and one seemed to help his companion. Then they vanished into the whirling haze, and Colonel Carrington's Winchester rapped as he emptied the magazine at the flying foe, while by the time the new arrivals had mastered their excited beasts there was only a narrow circle of prairie shut in by blinding snow.

"Very glad to find you safe, sir," said Ormond. "We met the Blackfoot who peddles moccasins, and he told us he had seen four men he thought were Stevens' gang heading for Carrington, so we pushed on as fast as we could. Perhaps if we three went on with rifles we might overtake them."

Harry looked eager, and I was willing, but Colonel Carrington was wisest: "You have done gallantly," he said, "but it would only be throwing lives away. The snow is coming in earnest, and it strikes me they have gone to their account unless they find shelter in a coulee."

Then they dismounted, and a hired man, who had lagged behind through indifferent horseflesh and no fault of his own, was dispatched to prepare breakfast, and it was a merry party that assembled round the table. Even the ruler of Carrington's grim face relaxed.

"I am glad to make the acquaintance of both of you," he said. "You will make the best of Carrington I hope for a day or two."

We were nothing loth, for twenty miles of deepening snow lay between us and our homestead, where we had little to do, while to complete my satisfaction Grace and her train arrived in the Lone Hollow sleigh early the next morning, and on hearing the story her eyes glistened as she thanked me. "I am so glad I sent you," she said, "and I feel I owe my father's safety, perhaps his life, to you. It is a debt I can never repay."

It was late that afternoon when another sleigh drew up before the Carrington gate, and three white-sheeted troopers lifted a heavy burden out of it. The thing, which seemed a shapeless heap of snow and wrappings, hung limply between them as they carried it into the hall, while it was Sergeant Angus Macfarlane who explained their errand.

"Lay him down there gently, boys," he said. "No, stand back, Miss Carrington, these kind of sights are no' for you. We found him in a coulee after yon Blackfoot peddler had told us Stevens had fooled us, and ye'll mind it's no that easy to fool the Northwest Police. He's one o' the gang, but the poor soul's got several ribs broken, an' after lying out through the blizzard I'm thinking he's near his end. It's a long ride to the outpost, forbye we have no comforts. Maybe ye'll take him—ay, I ken he's a robber, but ye cannot leave him to perish in the snow."

He flung back the wrappings, and before I could stop her Grace bent down over the drawn white face with the red froth on the lips, while Ormond said quietly:

"Very bad, poor devil! I fancied Robin's hoofs struck something that yielded when he made a landing. You will take him in if it's only to oblige me, sir."

Grace stood upright with tender compassion shining in her wet eyes as she fixed them on the old man.

"I am a woman now, father," she said, "and I should like to help to cure him if it can be done. We shall do everything possible for him, anyway. Bring him forward, Sergeant Angus. Geoffrey, you know something of surgery."

"I don't make war on dying men. You will do whatever pleases you, Grace," the ruler of Carrington answered, indifferently.

TO BE CONTINUED.

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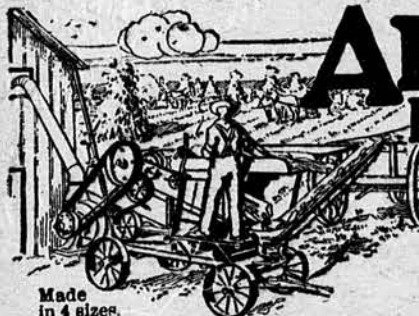
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## Money Market Is Improved

### Demand For Livestock and Grain Increased by Cotton Movement

BY C. W. METSKER

GENERAL financial conditions showed material improvement last week, and while they still are far from normal a tendency to mend is most welcome. The setting of a definite date for the opening of the federal reserve banks was one reason for improved conditions. On top of the improved banking situation came word of an agreement of all nations engaged in war, that cotton shall not be considered contraband. American vessels now can carry such a cargo to any foreign country. Then too, the 135 million dollar pool to be lent on 4 1/2 million bales of cotton, which is to be retired to warehouses, gave cash cotton movement at higher prices. To have the South freed from its three months of inactivity will mean a material broadening of demand for livestock, grain, foodstuffs, and leather goods; and will insure the harvesting and ginning of the balance of the cotton crop.

### Range Movement Diminishing.

More than 200,000 cattle were received at the five western markets during the third week in October. Receipts were about 30 per cent short of that number last week, and the movement from the range sections is now into the period of winter arrangement, and will continue to decrease. Grass cattle will be offered in diminishing numbers up to early December, and then some western cattle warmed up on various kinds of feed will come. October receipts were unusually large as prices for cattle were good and there was a general call to reduce loans. Nearly 1 million cattle were marketed during the month. November receipts will be less than 70 per cent as large as the October supply and by December the movement will be nearly on a feed lot basis again.

### Lighter Receipts: Higher Prices.

Abundance has been a feature of the cattle market for some time past, but last week with a 30 per cent drop in receipts prices started upward again. Light receipts is the market ghost to killers, and when the tendency is to small supplies there is sort of uncanny hurry in transactions that are not always justified. Last week prices rose 25 to 50 cents. On present indications the low spot has been passed and a period of good demand is expected to last until short fed cattle come in too great numbers, and outlet lines fill up on one class of beef.

### Eleven Dollar Trace in Bees.

Cattle of proper quality and finish are still quoted as high as \$11, but such bunches are so scarce, that it is hard to place a bid on those above \$10.50. Some fed steers bring \$9 to \$10. The record sale last week was in Chicago. A bunch of 1,575 pound Montana grassers brought \$10. This is a new record price for straight grass-fed steers. November will have few finished or even thick fleshed grain fat steers to offer, and by December buyers will be eager to get first bids on prime steers for the Christmas trade. Show steers at both the American Royal, and International shows will be comparatively scarce. The best time to market Christmas steers is between December 1 and 15.

### Rush to Buy Feeders.

Those who have been holding back orders for stock and feeding cattle waiting for prices to get to new levels issued hurry up calls last week for supplies, and with receipts materially smaller than in preceding weeks prices rose 40 to 65 cents. From now on the supply will diminish gradually.

### More Stability in Hogs.

The official winter packing season for hogs started November 1. It will continue until the middle of April. This season now lacks the radical difference from other periods in the year that it used to have when all cured meats had to be stored in the frost season. Refrigeration modified that condition. However packers still prefer to handle heavy hogs during the winter months. Now weights above 200 pounds are selling at a premium over those under 200 pounds. January and February are the best months in the year for extremely heavy hogs. As the season changes it is quite evident that packers have not made good their intentions to start the winter season under \$7. Hogs were stronger last week than in the preceding week and the general range in prices holds at \$7 to \$7.75. Hog prices may come down to \$6.50 in December, but November is expected to hold the present range.

### Big Movement of Horses.

Nearly every shipping point in the Central West is experiencing demand for horses and mules. A big supply of horses and mules is moving through the principal market points for inspection and acceptance on British and French army orders. It opened with a specified number wanted but the 15,000 called for has long since been supplied, and demand now promises to continue. More than 100,000 horses have been exported from the United States, and another 100,000 probably will be taken in the next three months. Prices have risen slowly under these requirements, and are now as high as at any time in the last two years. Heavy drafters and big rugged mules are in limited demand and selling relatively low. The South is three months behind on its mule buying, and less than 30 per cent as many mules are in feed barns as were a year ago.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

|                      | Cattle  | Hogs    | Sheep   |
|----------------------|---------|---------|---------|
| Kansas City .....    | 60,250  | 57,150  | 45,500  |
| Chicago .....        | 52,700  | 134,000 | 153,000 |
| Omaha .....          | 17,700  | 20,600  | 73,500  |
| St. Louis .....      | 20,550  | 54,000  | 9,800   |
| St. Joseph .....     | 5,800   | 43,700  | 3,800   |
| Total .....          | 157,000 | 309,450 | 285,600 |
| Preceding week ..... | 219,900 | 302,650 | 334,750 |
| Year ago .....       | 186,625 | 283,600 | 400,400 |

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

|              | 1914      | 1913      | Inc.  | Dec.    |
|--------------|-----------|-----------|-------|---------|
| Cattle ..... | 1,437,751 | 1,798,214 | ..... | 360,463 |
| Calves ..... | 100,079   | 153,340   | ..... | 53,261  |
| Hogs .....   | 1,878,278 | 2,057,038 | ..... | 378,760 |
| Sheep .....  | 1,729,337 | 1,771,351 | ..... | 42,014  |
| E. & M. .... | 52,718    | 67,903    | ..... | 15,185  |
| Cars .....   | 84,507    | 106,783   | ..... | 22,276  |

The most important event of the week was the placing of the Chicago yards under quarantine owing to an outbreak of the foot and mouth disease in some of its trade territory. Only cattle and sheep intended for immediate slaughter can be handled through that market as long as the quarantine prevails. Stock feeding and breeding cattle and sheep are the only classes affected as all other cattle and sheep go for slaughter.

The following table shows a comparison in prices of best offerings of livestock at Kansas City and Chicago for this date and one year ago.

|                        | Cattle         | Hogs          | Sheep         |
|------------------------|----------------|---------------|---------------|
| Per 100 lbs. 1914 1913 | 1914 1913      | 1914 1913     | 1914 1913     |
| Chicago ..             | \$11.00 \$9.70 | \$7.65 \$8.35 | \$8.00 \$5.85 |
| Kan. City ..           | 10.10 9.40     | 7.55 7.95     | 7.90 5.50     |

### Corn Prices Are Sagging.

New corn is beginning to move and is having the usual depressing influence. No big decline is expected. Country prices range from 56c to 63c a bushel. Demand for oats is active. Wheat prices are unsettled again.

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago.

|              | Wheat         | Corn          | Oats          |
|--------------|---------------|---------------|---------------|
| 1914 1913    | 1914 1913     | 1914 1913     | 1914 1913     |
| Chicago ..   | \$1.15 95 1/2 | 77 1/2 74 1/2 | 49 1/2 42 1/2 |
| Kan. City .. | 1.07 90 1/2   | 74 73         | 43 1/2 45     |

### Kansas City Hay Quotations.

|                            |                   |
|----------------------------|-------------------|
| Prairie, choice .....      | \$12.00 @ \$12.50 |
| Prairie, No. 1 .....       | 10.00 @ 11.50     |
| Prairie, No. 2 .....       | 7.50 @ 9.50       |
| Prairie, No. 3 .....       | 4.50 @ 7.00       |
| Timothy, No. 1 .....       | 15.00             |
| Timothy, No. 2 .....       | 13.50 @ 14.50     |
| Timothy, No. 3 .....       | 10.00 @ 13.00     |
| Timothy, No. 4 .....       | 6.00 @ 9.50       |
| Clover mixed, choice ..... | 14.00             |
| Clover mixed, No. 1 .....  | 12.00 @ 13.00     |
| Clover mixed, No. 2 .....  | 9.50 @ 11.00      |
| Clover, choice .....       | 12.00 @ 12.50     |
| Clover, No. 1 .....        | 10.50 @ 11.50     |
| Alfalfa, choice .....      | 14.00 @ 14.50     |
| Alfalfa, No. 1 .....       | 13.00 @ 13.50     |
| Standard .....             | 11.50 @ 12.50     |
| Alfalfa, No. 2 .....       | 10.00 @ 11.00     |
| Alfalfa, No. 3 .....       | 6.00 @ 9.50       |

### Prairie Hay Lower.

Prairie hay has been meeting a limited demand, and the weakness in the market has been increased by liberal receipts. Prices were off 50 cents to \$1 a ton. Owing to the large amount of weeds in some bales much bright properly colored hay is grading low. Alfalfa and tame hay continue in active demand at unchanged prices.

### Feed and Seed Quotations.

Bran, 92c a cwt.; shorts, \$1.10 @ 1.13; chop, \$1.35; barley, 55c @ 56c a bu.; rye, 84c @ 85c a bu.

Seed—Timothy, \$4 @ 4.50 a cwt.; alfalfa, \$8.50 @ 12.50; clover, \$9.50 @ 13; flaxseed, \$1.06 @ 1.10; millet, \$1.20 @ 1.70.

### Produce Prices Now and One Year Ago.

|               | Butter        | Eggs      | Hens      |
|---------------|---------------|-----------|-----------|
| 1914 1913     | 1914 1913     | 1914 1913 | 1914 1913 |
| Chicago ..... | 32 1/2 30 1/2 | 26 1/2 29 | 11 13     |
| Kan. City ..  | 31 28 1/2     | 27 28 1/2 | 10 1/2 12 |

### Butter, Eggs and Poultry.

Elgin, Nov. 2.—Butter—Ten tubs sold at 32c.

Kansas City, Mo., Nov. 2.—Eggs—Extras, new white wood cases included, 27c a dozen; firsts, 25c; seconds, 19c.

Butter—Creamery, extra, 21c a pound; firsts, 20c; seconds, 20c; packing stock, 20 1/2c.

Live Poultry—Broilers, under 2 pounds, 15c a pound; springs, 2 to 3 pounds, 11 1/2c; hens, 10 1/2c; old roosters, 8 1/2c; young, 10c; turkeys, 13c; ducks, 12c; geese, 10c.

### IS HE CRAZY?

The owner of a large plantation in Mississippi, where the fine figs grow, is giving away a few five-acre fruit tracts. The only condition is that figs be planted. The owner wants enough figs raised to supply a co-operative canning factory. You can secure five acres and an interest in the canning factory by writing the Eubank Farms Company, 767 Keystone, Pittsburgh, Pa. They will plant and care for your trees for \$6 per month. Your profit should be \$1,000 per year. Some think this man is crazy for giving away such valuable land, but there may be method in his madness.—Advertisement.

# THE AUTOMOBILE CLIMAX OF THE YEAR

## THREE NEW APPERSON MODELS

### 6-48

Model 6-48—The six cylinder motor has a  $3\frac{1}{2}$  inch bore by a  $5\frac{1}{2}$  inch stroke; wheel base, 126 inches; seven passenger stream line body; axles, front, solid forged I beam; rear, APPERSON shaft driven demountable floating type; clutch, famous APPERSON compression band, noiseless and positive; springs, front, semi-elliptic; rear, three-quarters elliptic; cooling, "V" shaped radiator and pressed steel fan with water pump circulation; ignition, single high tension magneto; control, left side drive, center control; Bijur starting and lighting system; Timken bearings. Firestone demountable rims. Rayfield carburetor; full equipment.

### \$1585

### 6-45

Model 6-45—The six cylinder motor has a  $3\frac{1}{2}$  inch bore by a five inch stroke; wheel base 122 inches; five passenger stream line body; axles, front I beam rear, APPERSON shaft drive demountable floating type; springs, front, semi-elliptic; rear, three-quarters elliptic; cooling "V" shaped radiator and pressed steel fan with water pump circulation; ignition, high tension magneto; Bijur electric starting and lighting system; Timken bearings; Firestone demountable rims; Rayfield carburetor. Full equipment.

### \$1485

### 4-40

Model 4-40—The four cylinder motor has a four inch bore by a five inch stroke; wheel base 116 inches; five passenger stream line body; axles, front, solid forged I beam; rear, APPERSON shaft driven, demountable floating type, axles removable; springs, front, semi-elliptic; rear, three-quarters elliptic; cooling, "V" shaped radiator and pressed steel fan with water pump circulation; ignition, single high tension magneto; wheels, 34x4 inches; tires, same size; Firestone demountable rims; Rayfield carburetor; Bijur electric starting and lighting system; control, left side drive, center control; full equipment.

### \$1350

Elmer and Edgar Apperson have labored for twenty-two years to make motoring enjoyable and free from trouble, and in the cars here described will be found the supreme results of these two pioneer builders of quality automobiles. Send for catalog and name of nearest dealer.

## APPERSON BROS. AUTOMOBILE CO.

### KOKOMO, INDIANA

# FARMERS CLASSIFIED PAGE

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

## POULTRY

### PLYMOUTH ROCKS.

**BUFF ROCK COCKERELS FOR SALE.** William A. Hess, Humboldt, Kan.

**FIFTY CHOICE BUFF ROCK COCKERELS** \$5.00 each. J. J. Bleakley, Abilene, Kan.

**GOOD WHITE ROCK COCKERELS** \$1.00 to \$2.00. Anna Swearingen, Garnett, Kan.

**BIG TYPE BARRED ROCKS. SHOW** birds and breeders. A. H. Duff, Larned, Kan.

**BARRED ROCKS—YOUNG AND OLD** stock. Mattie A. Gillespie, Clay Center, Kan.

**BARRED ROCK COCKERELS \$2.00 EACH** for a short time. W. S. Crouch, Claremore, Okla.

**BUFF ROCK COCKERELS, PRIZE WIN-** ners. Extra fine. Mrs. Pearl White, Uniontown, Kansas.

**GENUINE PLYMOUTH ROCK COCKER-** els for sale. \$1.00 each. Chas. Koepsel, White City, Kan.

**BARRED ROCK COCKERELS. ONE HUN-** dred fine cockerels at \$1.00 each. G. M. Shepherd, Lyons, Kan.

**PURE BRED BARRED ROCK COCKER-** els. Farm raised. \$1 each. Mrs. Wayne Squires, Holton, Kan.

**BIG, GROWTHY BUFF ROCK COCKERELS** and pullets. Highly bred. \$1 up. Mrs. Lloyd Clark, Hazelton, Kan.

**WHITE ROCK COCKERELS \$2.00 TO \$5.00.** Won four firsts Kansas State Fair, 1914. W. H. Beaver, St. John, Kan.

**BLUE BARRED ROCKS; BEAUTIES;** cockerels \$2.00 while they last. Mrs. T. B. Mitchell, McPherson, Kan.

**TWELVE YEARS EXCLUSIVE BREED-** ing white Rocks. April cockerels \$1.25. O. J. Stoker, Hartford, Kansas.

**BARRED ROCK COCKERELS. 100 FINE** thoroughbreds at \$1.00 each. Mrs. Jas. W. Countryman, Route 2, Axtell, Kan.

**BARRED ROCK COCKERELS AND PUL-** lets. Two hundred fine birds at \$1.00 each. 12 for \$10. Theo. Jung, Lyons, Kan.

**WHITE ROCKS THE KIND FOR EGGS** and show room. 200 cks. and pullets for sale. W. T. Blackwill, Quinter, Kan.

**BARRED PLYMOUTH ROCK COCKERELS** from prize-winners. \$1.50 each if taken soon. Mrs. C. N. Bailey, Lyndon, Kan.

**WHITE ROCKS. BIG SNOW WHITE** cks., hens and pullets for sale. (Ivory strain) originated by Chas. C. Fair, Sharon, Kan.

**BUFF ROCKS, PURE BRED. COCKERELS** \$2.00 each. Pullets \$1.00 doz. through November. Mrs. Ike Saunders, Elk City, Kan.

**PURE BARRED ROCK COCKERELS. FINE,** large, early hatched. Price \$1.50 each. Farm raised. Mrs. H. Buchanan, Abilene, Kan.

**BUFF ROCK BARGAINS: 10 PENS EACH** consisting of seven pullets and cockerel at \$10.00 per pen. Good for October only. W. F. Alden, Ellsworth, Kan.

**FOR SALE—PURE BRED BOURBON RED** turkeys, three dollars for hens, four for toms. Got fine tom from Iowa this year. Eliza Briggs, Wauneta, Kan.

**BEAUTIFUL BARRED ROCKS OF BEST** strains. About 80 big handsome young roosters for your orders. Come and see them or write for descriptions of them. Thos. D. Hubbard, Kimball, Kan.

**COOK'S BARRED ROCKS—I HAVE THE** finest lot of cockerels I ever raised. For thirty days I will sell four pound cockerels at \$1 each. If you want better birds write. Chas. J. Cook, Box B, Marysville, Kan.

**HIGH SCORING BARRED COCKERELS** of Thompson Ringlet strain, \$1 and \$2. White Runners from show winning stock. \$1.50, ducks or drakes. Large, fine, White Holland toms \$5 each. Mrs. W. U. Stevens, Paradise, Kan.

### RHODE ISLAND REDS.

**R. C. RED COCKERELS AND PULLETS.** Winifred Shepherd, Woodward, Okla.

**R. C. RED COCKERELS \$1 EACH. BOUR-** bon Red toms \$3.50. Mrs. Jas. Shoemaker, Narka, Kan.

**LARGE, DARK, BRILLIANT ROSE COMB** Reds. Cockerels, pullets. Bargains. Sunnyside Farm, Havensville, Kan.

**ROSE COMB RHODE ISLAND RED COCK-** erels 75c. White Indian Runner drakes \$1.00. W. A. Thompson, Logan, Kan.

**LARGE R. C. RED COCKERELS FROM** choice penned stock. Red clear to skin \$3 to \$5. Earl Clayton, Americus, Kan.

### MINORCAS.

**ROSE COMB BLACK MINORCAS—MATED** pens, cockerels, and good breeding stock. Eggs booked for 1915 season. Fred Kelm, Seneca, Kan.

### LEGHOENS.

**S. C. WHITE LEGHORN COCKERELS FOR** sale. Mrs. Eva Hannigan, Preston, Kan.

**1,000 WHITE LEGHORNS CHEAP. PRO-** gressive Poultry Farm, Hampton, Iowa.

**S. C. W. COCKERELS, 3 FOR \$2.50, IF** taken soon. H. Vinzant, McPherson, Kan.

**WHITE LEGHORN COCKERELS. BEST** strains. Mrs. W. R. Hildreth, Oswego, Kan.

**ROSE COMB WHITE LEGHORNS. COCK-** erels, cocks and hens. A. G. Dorr, Osage City, Kan.

**ROSE COMB WHITE LEGHORNS. COCK-** erels 50c and \$1.00 each. L. H. Dicke, Lyndon, Kan.

**ROSE COMB BROWN LEGHORN COCKER-** els \$1.00 each; six for \$5.00. B. F. Evans, Wiley, Kan.

**PURE BRED ROSE COMB WHITE LEG-** horn cockerels. Winners. Jennie Martin, Frankfort, Kan.

**FOR SALE—BROWN LEGHORN COCKER-** els, both combs. One dollar each. Lon Myers, Missler, Kan.

**150 S. C. WHITE LEGHORN COCKERELS,** early hatched, \$1.00 each. 6 \$5. Mamie Immer, Mullinville, Kan.

**CHOICE ROSE COMB WHITE LEGHORN** cockerels \$1.00 each; \$10.00 doz. Henry Dieckhoff, Kensington, Kan.

**SINGLE COMB WHITE LEGHORN COCK-** erels. Good ones. Six for \$5.00. D. E. Griffiths, Riley, Kan.

**ROSE COMB BROWN LEGHORN COCK-** erels, choice \$1 apiece; \$5 for 6. Mrs. Mary Miek, Ransom, Kan.

**R. C. W. LEGHORN COCKERELS FOR** sale \$1.50 each; 3 for \$4.00. Mrs. C. W. McGeary, Lincoln, Kan., R. 5.

**SPECIAL SALE S. C. BROWN LEGHORN** cockerels \$1 each if taken before Christ- mas. Mrs. A. Anderson, Greenleaf, Kan.

**SINGLE COMB WHITE LEGHORN COCK-** erels. Both Barron and American strains. Miss Violet Hunt, Coffeyville, Kan., R. 4.

**FOR SALE. SINGLE COMB WHITE LEG-** horns. A choice lot of early hatched cockerels. Special prices before cold weather. Harry Givens, Madison, Kan.

**PURE BRED SINGLE COMB WHITE LEG-** horn cockerels, high scoring, from prize winning stock, \$2.00 each. Satisfaction guaranteed. John Walters, Fall River, Kan.

**SINGLE COMB WHITE LEGHORN COCK-** erels. Pure bred. Genuine Wyckoff, and Frantz strain. For a short time will sell the best birds for \$1.50 each. Adolph Berg, McPherson, Kansas.

**H. C. SHORT, LEAVENWORTH, KANSAS.** Single Comb Brown Leghorn specialist, offers for a limited time, twenty trios (male and two females) at \$3.50 and \$5.00 per trio. Mail your order today.

### TURKEYS.

**MAMMOTH BRONZE TURKEYS. J.** Markman, Frankfort, Kan.

**PURE BRED BOURBON RED TURKEYS.** John Carroll, Lewis, Kan., R. R. 2.

**MAMMOTH BRONZE TURKEYS FOR** sale. Mrs. Geo. Heath, Harper, Kan., R. 3.

**PURE BRED BOURBON RED TURKEY** toms \$3.50. Hens \$3. Mrs. Bertha Fortney, Clyde, Kan.

**PURE BOURBON RED TURKEYS FOR** sale. Toms \$3.50. Hens \$2.50. N. J. Shively, Moran, Kan.

**MAMMOTH WHITE HOLLAND TURKEYS.** Also White Pekin drakes. Mrs. Bryant Wells, Argonia, Kan., Rt. 2.

**THIRTY BLACK TURKEYS FOR SALE.** Toms \$3.00 each. Hens \$2.00 each. Mrs. Emilie Dittmeyer, Fairview, Okla.

**PURE BRED WHITE HOLLAND TUR-** keys for sale. Hen \$3. Toms \$5. Mrs. May Sullivan, Waverly, Kan., R. F. D. No. 2.

### ORPINGTONS.

**WHITE ORPINGTONS, ALL AGES. REA-** sonable. Mrs. Helen Lill, Mt. Hope, Kan.

**BUFF ORPINGTON COCKERELS \$1.50** each. J. W. Wright, Newton, Kan., R. 6.

**SINGLE COMB BUFF ORPINGTON COCK-** erels \$1. \$2 each from prize winning stock. Mrs. O'Roke, Fairview, Kan.

**S. C. BUFF ORPINGTONS. COCKERELS** and cocks \$2 to \$10. Hens \$1 to \$3. Mrs. Grant Stafford, Winfield, Kan.

**KELLERSTRASS CRYSTAL WHITE ORP-** ington hens and cockerels for sale. Edith Vincent, Jamestown, Kan.

### BRAHMAS.

**LIGHT BRAHMA COCKERELS \$1 EACH.** Mrs. Cyrus Wells, Missler, Kan.

**A FEW FINE LT. BRAHMA COCKS AND** cockerels; prices reasonable. Mrs. F. O'Daniel, Westmoreland, Kan.

### DUCKS.

**WHITE RUNNER DUCKS, DRAKES \$1.** H. H. Tillotson, Latham, Kansas.

**INDIAN RUNNERS, SILVER CUP WIN-** ners. Burt White, Burlingame, Kan.

**INDIAN RUNNERS—FAWN AND WHITE.** Extra fine. Howard Duncan, Conway Springs, Kan.

**FAWN-WHITE RUNNER DRAKES, CHOICE** white egg strains. \$1.00 each. Mrs. John W. Graves, Washington, Kan.

**TWELVE DUCKS LEFT—FINE ENGLISH** Runners. Ten dollars, if taken before Nov. 10. Jennie Sloan, Bolcourt, Kan.

**FAWN AND WHITE RUNNER DUCKS** and Rose Comb Brown Leghorn cockerels \$1.00. Mrs. Bertha Fortney, Clyde, Kan.

**FOR SALE—WHITE INDIAN RUNNER** drakes, \$2.00 each. Stock direct from Finkel Snowflake strain. Paul Pollock, Soldier, Kan.

**WHITE RUNNERS FROM PRIZE WIN-** ning stock. Drake and four hens, first \$6.50; drake and four hens, second \$5.50. Drake \$1.50. All young. Milt Irwin, Marquette, Kan.

### WYANDOTTES.

**SILVER WYANDOTTE COCKERELS \$1** each. Mrs. Emma Downs, Lyndon, Kan.

**BUFF WYANDOTTE COCKERELS AND** pullets. Catherine Fraser, Haven, Kansas.

**SILVER WYANDOTTES: SIX NICE COCK-** erels, \$5. Mrs. J. W. Gause, Emporia, Kan.

**FARM RAISED COLUMBIAN WYANDOTTE** hens and pullets. W. H. Woolfolk, Altamont, Kan.

**SILVER WYANDOTTE COCKERELS. TAR-** box strain. One dollar each. W. D. Ross, Wakita, Okla.

**CHOICE BUFF WYANDOTTE COCKER-** els, pullets, hens. Prices right. John P. Ruppenthal, Russell, Kansas.

**UTILITY SILVER WYANDOTTES CHOICE** cocks and cockerels \$2.00 each. 5 or more \$1.50. Satisfaction guaranteed. J. L. Benson, Olsburg, Kan.

**SILVER LACED WYANDOTTE COCKER-** els. Pure bred. Write for circular. Price \$1 to \$3 each. Satisfaction guaranteed. S. B. Dressler, Lebo, Kan.

### HOUDANS.

**HOUDAN COCKERELS \$1 AND \$2. HAT-** tie Vandruft, McLouth, Kan.

### PHEASANTS.

**GOLDEN, SILVER AND RINGNECK** pheasants for sale cheap. Stamp for reply. C. W. Newman, Sabetha, Kansas.

### SEVERAL VARIETIES.

**ROSE COMB REDS, SILVER LACED WY-** andottes, \$1. Mrs. Ola Elliott, Delphos, Kansas.

**WHITE ROCKS, BARRED ROCKS AND** Silver Campines. Catalog. Sidney Schmidt, Chillicothe, Mo.

**BOURBON RED TURKEYS AND R. I. R.** C. chickens for sale. Mrs. August Baker, Ashgrove, Mo., R. R. 1.

**LARGE, DARK, VELVET, R. C. RED** cockerels, \$1.50 to \$5.00. Bourbon Red turkeys. Charles Sigle, Lucas, Kan.

**BOURBON RED TURKEYS. TOMS \$3.00,** hens \$2.00. Rose Comb Red cockerels and few good yearling cocks, \$1.00 to \$5.00. V. E. Bailey, Fargo, Okla.

**BIG BARGAINS IN LEGHORNS, WYAN-** dottes, Rocks, Minorcas, Campines, Reds, Orpingtons, ducks, geese, turkeys and guineas. Progressive Poultry Farm, Hampton, Iowa.

**YOUNG COCKERELS FOR SALE. PART-** ridge Rock, Buff Orpington, Silver Pened Rock, Light Brahmas and Partridge Wyandottes. Pure bred. Price \$2 to \$5. Eggs in season. Home City Poultry Company, Home City, Kan.

### MISCELLANEOUS.

**CASH BY RETURN MAIL FOR POULTRY.** Coops loaned free. The Cope's, Topeka, Kan.

**IF YOUR HENS HAVE STOPPED LAYING** or have discharge at the mouth or swell heads, they have roup, as all hens should be laying now. You can easily cure this by simple home remedies. J. C. Reefer, the poultry expert, 531 Main street, Kansas City, Mo., will gladly send you his valuable book and make your hens lay, absolutely free.

### AGENTS WANTED

**BEST AND CHEAPEST HEALTH AND AC-** cident insurance. Farmer agents wanted. Address Register Agency, Lenora, Kan.

**AGENTS—GET PARTICULARS OF ONE** of the best paying propositions ever put on the market. Something no one else sells. Make \$4000 yearly. Address E. M. Feltman, Sales Mgr., 521 Third St., Cincinnati, O.

## LIVE STOCK

**SHEPHERD PONIES—CHARLES CLEM-** mons, Coffeyville, Kan.

**POLAND CHINA PIGS; BIG TYPE; PEDIG-** reed. Davis Brothers, Lincoln, Neb.

**YEARLING HEREFORD BULL, BEAU** Brummel strain. W. R. Hildreth, Oswego, Kan.

**FOR SALE—FOUR REGISTERED YOUNG** Hampshire boars. 1634 College Ave., Topeka.

**FOR SALE—FOUR PURE BRED SHROP-** shire ram lambs. C. D. Wood & Son, Elmdale, Kansas.

**REGISTERED JERSEY CATTLE, EITHER** sex. Write your wants to V. E. Swenson, Little River, Kan.

**FOR SALE—HIGH GRADE HOLSTEIN** bull calves. For particulars write Edward Bowman, Clyde, Kan.

**REGISTERED JERSEY BULL CALVES.** Sired by Son of Financial Count. G. H. Randolph, Emporia, Kan.

**FOR SALE—2 FULL BLOOD HOLSTEIN** bulls, one yearling and spring calf. J. W. Butterfield, Pomona, Kan.

**\$500 BUYS A PAIR OF REGISTERED** Percheron mares. This is a bargain. Herbert Rice, Norman, Okla., R. 2.

**HIGH CLASS JERSEY BULLS AT A BAR-** gain. Two are from great dams, and ready. Chester Thomas, Waterville, Kan.

**ORDERS FOR THE PURCHASE OF ALL** classes of dairy cattle on a commission basis are solicited. Write me your wants. L. R. Brady, Manhattan, Kan.

**FOR SALE—I HAVE 20 HEAD DRAFT** mares and mammoth jack as good as anybody's, also standard and registered stallion. Will sell all or any part or exchange for cattle or land of about equal value. All the above mares bred to Jacks. Colts to show. Am quitting. L. F. Montgomery, Lincoln, Kan.

## SEEDS & NURSERIES

**WILL SELL A LIMITED AMOUNT OF** Sudan seed. Guaranteed pure. J. F. Perry, Lubbock, Texas.

**SWEET CLOVER AND FETERITA. 242-** egg strain Rose Comb Leghorns. John Lewis, Hamilton, Kan.

**SUDAN GRASS SEED. GUARANTEED** pure. 50c per pound prepaid. Charlie Clemmons, Anadarko, Okla.

**PURE, RELIABLE, SUDAN GRASS SEED.** Pound, sixty cents post paid. Texas Seed Breeding Farms, Sherman, Texas.

**TREES FOR FALL PLANTING AT** wholesale prices. Fruit book with special proposition, free. Address Wichita Nursery, Box B, Wichita Kan.

**SUDAN GRASS, KANSAS GROWN. GUAR-** anteed free from Johnson grass. Inspected and approved by State Experiment Station official. One dollar per pound prepaid. Quantities cheaper. Wilson G. Shelley, McPherson, Kan.

**SUDAN—THE WORLD'S GREATEST HAY** crop. A limited quantity of seed for sale in 5 and 10 pound lots at 50 cents per pound prepaid; two pounds plants one acre. Reference furnished as to purity of seed and responsibility. Kimbro & Parks, Lubbock, Texas.

### FARMS WANTED

**WANTED TO HEAR FROM OWNER OF** good farm for sale. Send cash price and description. D. F. Bush, Minneapolis, Minn.

**SELL YOUR FARM OR BUSINESS QUICK-** ly for cash no matter where located. Information free. Black's Business Agency, Desk 9, Chippewa Falls, Wis.

**WANTED: GRAIN AND STOCK FARMS,** from 40 to 800 acres, for cash buyers. Will deal with owners only. Give price, description, and location. James P. White, New Franklin, Mo.

### FOR SALE OR EXCHANGE

**OREGON, WILLAMETTE VALLEY. FRUIT** and general purpose farm. Improved, location good; trade for eastern Kansas land. Send full description in first letter. Address N., care Mail and Breeze.

**TO TRADE FOR UNENCUMBERED FARM** land of equal value, seven-passenger, 45-horsepower Winton Six automobile, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. This is a great family touring car, in first-class condition, and has only been used by owner. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

**FOR SALE OR TRADE. 85 A. PECOS** valley. Carlsbad government project. Eighty a. irrigated. Stock well, cistern, plenty shade, hay barn, small house. Sixty a. alfalfa. Two ml. R. R. station. Already produced fifteen cars alfalfa this season. Best weak lung climate in world. Price \$10,000. Terms on part. Milt, consider good trade. Address owner, Carlsbad, New Mexico.

## FOR SALE

**SWEET CLOVER, WHITE AND YELLOW.**  
T. Mardis, Falmouth, Ky.

**FOR SALE—THREE TON MOTOR TRUCK.**  
Small gas tractor. S. B. Vaughan, Newton, Kansas.

**FOR SALE CHEAP—THOROUGHBREDS.**  
Scotch collie pups, farm raised. Belden Bros., Hartland, Kan.

**FOR SALE—250 TONS SILAGE.** FEED-  
lots, bunks, straw, free. Address Russell  
& Son, Milan, Kansas.

**FOR SALE—FENCE POSTS BY THE CAR.**  
load, sawed or split. M. S. Holly, 206  
Jackson, Topeka, Kan.

**TELEPHONE EXCHANGE IN TOWN OF**  
sixteen hundred. Have city franchise.  
Bargain. H. C. Mahon, Arma, Kan.

**HONEY—CASE TWO FIVE-GALLON CANS**  
pure strained honey, \$10.80. J. A. Sim-  
mons, Uvalde County Apiaries, Sabinal,  
Texas.

**FRESH DRIED FRUIT. DIRECT FROM**  
trays to consumer. Peaches, prunes,  
raisins at \$6 per 100 F. O. B. A. S. Cross,  
Kingsburg, Calif.

**BEST STRICTLY PURE LOUISIANA**  
sugar cane syrup, retailed from plantation  
at wholesale prices. Booklet free. J. E.  
McGuire, Palacios, Texas.

**HONEY—FANCY WHITE ALFALFA.** 2  
60-lb. cans \$11.00; amber, 2 60-lb. cans  
\$10.00. Single cans 25 cents extra. Bert W.  
Hopper, Rocky Ford, Colo.

**PRAIRIE HAY FOR SALE. TWO CAR**  
loads at \$10.00 per ton f. o. b. cars Neodesha,  
Kan., over Frisco and Mo. Pacific lines.  
C. H. Willsey, R. No. 1, Neodesha, Kan.

**ATTENTION, FARMERS AND FEEDERS.**  
Buy prairie hay direct from producer.  
Save middle man's profit. Write for deliv-  
ered prices. All grades handled. Prompt  
shipment. F. H. Childs, Geneva, Kan.

**FOR SALE—UP TO DATE STOCK OF**  
hardware and implements in a small  
southern Kansas town. Will invoice eight or  
ten thousand dollars. A good established  
business and a money maker for a party  
that will take it and push it, but we have  
too much other business to look after it  
properly. Address Hdq. & Impls., care  
Farmers Mail and Breeze.

## LANDS

**40 ACRE IRRIGATED ALFALFA FARM** 3  
miles from high school. J. A. Jackson,  
owner, Syracuse, Kan.

**FOR EXCHANGE—IMPROVED 160 ACRE**  
Ozark farm. A. B. McAdams, Rock  
Springs, Searcy Co., Arkansas.

**BEST IMPROVED FARM LANDS.** BAN-  
ner county of state of Kansas, is Sumner  
county. For price, H. H. Stewart, Wellin-  
ton, Kan.

**SELL YOUR PROPERTY QUICKLY FOR**  
cash. No matter where located. Particu-  
lars free. Real Estate Salesman Co., Dept.  
5, Lincoln, Neb.

**DO YOU WANT AN OZARK FARM? SEND**  
25 cents for names of owners with post  
card views of improvements. H. O. Pinker-  
ton, Mountain Grove, Mo.

**160 ACRES IMPROVED.** \$2,500.00. 60  
acres improved \$1,000.00. Large and small  
tracts for sale or trade; easy terms. W. A.  
Morris, Route 2, Mtn. View, Mo.

**ALFALFA—FINE RANCH AT HALF**  
price. 330 acres, 200 creek bottom. 100  
fine alfalfa, highly improved, 4 miles coun-  
ty seat, \$62.00 acre. W. R. Fry, Perry, Okla.

**160 ACRES CHAUTAUQUA CO. KANSAS.**  
good improvements, 50 a. creek bottom,  
80 a. limestone pasture, clear title, at sacri-  
fice prices. Ben Wilcox, Burley, Idaho, R.  
No. 1.

**600 A. STOCK RANCH. FINE RANGE.** IN-  
dividual ditch and water right. Crop and  
farm imp. \$20.00 per a. 200 stock cattle;  
some horses. Owner, Geo. B. Cooper, Bay-  
field, Colorado.

**LISTEN. WOULD YOU BUY IMPROVED**  
Lyon, Osage, or Wabunsee Co. corn and  
alfalfa land? If so write for list. All sizes.  
\$40 to \$100. Address E. B. Miller, R. R.  
No. 1, Admire, Kan.

**IDAHO IRRIGATED FARMS ARE AS SURE**  
to produce bumper crops of alfalfa, pota-  
toes, clover seed, Alsike seed, wheat and  
oats, as the sun is to rise. Booklet free. J.  
Clyde Lindsey, Twin Falls, Idaho.

**GOOD FARM OF 120 ACRES IN LOGAN**  
county, Okla., will sell for \$2,000, terms  
to suit purchaser. 7 room house, orchard,  
all fenced and cross fenced, plenty of water  
and timber. L. C., care Mail and Breeze.

**320 A. GOOD WHEAT AND STOCK FARM.**  
128 a. wheat now growing. Well fenced,  
plenty of water, fine location. Telephone.  
Poor health reason for selling, and priced to  
sell by owner, Art Sechrest, Teagarden,  
Woods Co., Okla.

**FOR SALE—WHEAT AND STOCK RANCH.**  
1920 acres, on the line of Ford and Hodge-  
man counties, 12 never failing springs. Run-  
ning water all year round. Will be sold  
cheap to close an estate. Mehl & Schott,  
Leavenworth, Kan.

**FOR SALE—A GOOD 1/2 SECTION STOCK**  
and grain farm, all fenced with stone  
posts, fair improvements, 9 miles from Holis-  
ington. Price \$18,000.00, half cash, terms to  
suit on balance at 6%. Address owner, U. D.,  
R. No. 2, Box 73, Holisington, Kan.

**FOR SALE BY OWNER—80 ACRE FARM**  
3 miles of Wichita. Good improvements,  
good water and plenty of fruit. Will sell  
cheap if taken at once. Must sell on account  
of health. If you want a good farm at a  
cheap price, deal with owner only. No trades  
considered. Write Francis Jane Cockriel,  
Belle Plaine, Kan.

## LANDS

**PROFITABLE LITTLE FARMS IN SHEN-**  
andoah Valley of Virginia, 5 and 10 acre  
tracts, \$250 and up, easy terms—good fruit,  
vegetable, poultry and live stock country.  
Large list of other farms. Send for litera-  
ture now. F. La Baume, Agr'l Agt., N. &  
W. Ry., 318 Arcade Bldg., Roanoke, Va.

**SOUTH KANSAS RANCH FOR SALE.**  
Nearly 800 a., 4 miles from good town,  
good roads, good grass, water, timber, over  
300 a. bottom land. Want less land and will  
take smaller farm up the Mo. valley and  
time on bal. Say what you have in first  
letter and for price and description adr. E.,  
Mail and Breeze, Topeka, Kan.

**FOR SALE OR RENT—40 ACRES, 3 MILES**  
of Carbondale, Kan.; 30 under cultivation,  
balance pasture and little timber on creek;  
2-room house, barn, cow lot, chicken house  
and corn crib; 1 mile to good school; 3 to  
church and store; fine neighborhood. Am a  
widow and must sell or rent quick. Bargain.  
Mrs. Rachel Layman, Carbondale, Osage Co.,  
Kan.

**ARKANSAS—A NEW SECTION OF AR-**  
kansas has been opened by the Missouri  
& North Arkansas Railroad; opportunities  
for the farmer, merchant and timber man;  
good land at low prices; there is no malaria  
in this section; an abundance of good spring  
water; land values are increasing daily; this  
is in the high lands of Arkansas; write for  
new booklet, "Oak Leaves," containing full  
information. Jay Kerr, G. P. A. Harrison,  
Ark.

**GRAPE AND STRAWBERRY FARMS IN**  
Sunny South Missouri are an actual suc-  
cess beyond question. Not a new and un-  
tried proposition but sure and steady money  
producers. The long laying and breeding  
season in this mild climate makes poultry  
extremely profitable also. 10 acres in well  
settled locality where fruit and poultry  
farms abound for \$250. \$5 monthly. No  
interest. No forfeiture. You cannot lose on  
our plan. Literature free. Merriam, Ellis,  
Benton, 325 Victor Bldg., Kan. City, Mo.

**BARGAIN: 320 ACRE IMPROVED FARM**  
20 miles from Minneapolis; on good gravel  
road; lays level; about 120 acres under cul-  
tivation, balance used for pasture; some fine  
meadow land; can practically all be put  
under cultivation; buildings consist of 8 room  
house, barn, granary, corn cribs, machine  
shed, windmill, etc.; good apple orchard;  
price \$30 per acre; one-half cash, reasonable  
terms on balance. Adjoining farm held at  
double this price. Schwab Bros., 1028 Ply-  
mouth Bldg., Minneapolis, Minn.

**FINE TOPEKA HOME FOR SALE—I WILL**  
sell my place in Topeka, located on the  
most beautiful street in the city, near limits  
of city, two blocks from street car, two  
blocks from fine school, fine old shade, park  
like surroundings, lot 61 1/4 by 205 feet,  
eight room house, modern in every detail,  
hardwood finish, four fine mantels and  
grates, of oak, brick and tile, big sleeping  
and dining porch, both screened, barn, pou-  
ltry houses, etc., etc. Fine place for farmer  
who wants to move to the capital city.  
Price \$5,500, worth more. Cash or terms.  
Interest only 6 per cent instead of the usual  
7 per cent. No trade. Address R. W. E.,  
care Mail and Breeze.

## HELP WANTED

**THOUSANDS GOVERNMENT JOBS NOW**  
obtainable. List free. Franklin Institute,  
Dept. M 51, Rochester, N. Y.

**WANTED: SEVERAL HONEST, INDUS-**  
trious people to distribute farm literature.  
Salary \$60 per month. Prof. J. L. Nichols,  
Dept. A. 1, Naperville, Ill.

**WILL PAY RELIABLE WOMAN \$250 FOR**  
distributing 2,000 packages Perfumed Soap  
Powder in your town. No money required.  
M. Ward & Company, 218 Institute Place,  
Chicago.

**FIREMEN AND BRAKEMEN: \$100 MONTH-**  
ly; experience unnecessary; hundreds need-  
ed by the best railroads everywhere; particu-  
lars free. 796 Railway Bureau, East St.  
Louis, Ill.

**FIVE BRIGHT CAPABLE LADIES TO**  
travel, demonstrate, and sell dealers. \$25  
to \$50 per week. Railroad fare paid. Good-  
rich Drug Company, Department 102,  
Omaha, Nebraska.

**MEN AND WOMEN OVER 18—WANTED.**  
\$65.00 to \$150 month. U. S. government  
life jobs. Common education. Write im-  
mediately for list of positions open to you.  
Franklin Institute, Dept. M 51, Rochester,  
N. Y.

## MALE HELP WANTED

**MOTORMEN - CONDUCTORS: INTERUR-**  
ban; earn \$80 monthly; experience un-  
necessary; qualify now; state age; details  
free. F., care Mail and Breeze.

**RAILWAY MAIL CLERKS, CLERK-CAR-**  
riers and rural carriers wanted. I conduct-  
ed examinations—can help you. Trial exam-  
ination free. Ozment 38, St. Louis.

**2349 EXTRA RAILWAY MAIL CLERKS**  
to be appointed. Commence \$75.00 month.  
Pull unnecessary. Examinations coming  
everywhere. Sample questions free. Frank-  
lin Institute, Dept. M 51, Rochester, N. Y.

**WANTED - RESPONSIBLE PARTY TO**  
take charge of business in each county.  
New Automatic Combination Tool, combined  
wire fence stretcher, post puller, lifting jack,  
etc. Lifts or pulls 3 tons, weighs 24 pounds.  
Sells to farmers, shops, teamsters, etc. De-  
scriptive catalogue and terms upon request.  
Harrah Manufacturing Co., Box M, Bloom-  
field, Ind.

## SYRUP AND RICE

**RIBBON CANE MOLASSES 30C PER GALLON**  
in 56-gallon barrels, delivered. Pure,  
thick molasses containing 40% sugar, has  
dark color and "acid" taste. New crop rice  
for immediate shipment. Prices free. Sam-  
ple 4c. G. Hamlett, Wharton, Texas.

## Getting a Fair Corn Crop

Alfalfa Pasture Is Still Green in Spite of Frost

BY OUR COUNTY CORRESPONDENTS

**SECTIONS** of the country where a  
complete failure of corn was report-  
ed some time ago, are now reporting  
some fair yields. Jewell county is one  
of the counties that did not have rain at  
the right time to produce a corn crop  
this year. Some fields there are mak-  
ing 35 bushels to the acre, however, and  
the correspondent from that county  
says 15 to 20 bushels is a fair average.

Hogs still are enjoying alfalfa pasture  
in Kansas, even though there have been  
several frosts. Tomato and sweet pota-  
to vines are wilted in most places in  
the state, but the season is so far ad-  
vanced now that frost can come with-  
out doing much damage.

## KANSAS.

**Sheridan County**—Weather is very dry.  
Late wheat needs rain. Some drilling is still  
being done. Corn is being gathered. We  
have had a few killing frosts. Wheat 95c;  
potatoes 90c.—R. E. Patterson, Oct. 29.

**Coffey County**—Plenty of rain is reported.  
Had a hard killing freeze on October 26.  
Farmers are busy getting out their corn.  
Stock is in good condition. Horses are sell-  
ing very low. Corn 60c.—Mrs. A. H. Stewart,  
Oct. 27.

**Rawlins County**—General rain over the  
county fell October 22 and 23. It ranged  
from 1 to 1 1/2 inches and it was just in time  
greatly to benefit the wheat. Early wheat  
is fine. Some farmers still are sowing wheat.  
Much volunteer wheat is growing in the  
county and it furnishes fine pasture for the

## PATENTS

**PATENT WHAT YOU INVENT. IT MAY**  
be valuable. Write me. No attorney's fee  
until patent is allowed. Estab. 1882. "In-  
ventor's Guide" free. Franklin H. Hough,  
532 Loan & Trust Bldg., Washington, D. C.

**IDEAS WANTED—MANUFACTURERS ARE**  
writing for patents procured through me.  
Three books with list 200 inventions wanted  
sent free. Advice free. I get patent or no  
fee. R. B. Owen, 34 Owen Bldg., Washing-  
ton, D. C.

**MEN OF IDEAS AND INVENTIVE ABIL-**  
ity should write for new "List of Needed  
Inventions." Patent Buyers and "How to  
Get Your Patent and Your Money." Advice  
free. Randolph & Co., Patent Attorneys,  
Dept. 25, Washington, D. C.

## MISCELLANEOUS

**WANTED—WHITE ESQUIMO-SPITZ PUP-**  
ples six to eight weeks old. Brockway's  
Kennels, Baldwin, Kan.

**GOVERNMENT FARMERS WANTED. AGE**  
21 to 50. Make \$125 monthly. Write,  
Ozment 38-F, St. Louis.

**KODAK FINISHING—1ST ROLL DEVEL-**  
oped and print of each 15 cents. Paul  
Harrison, 813 Kan. Ave., Topeka.

**LONG GREEN LEAF TOBACCO TO CHEW**  
or smoke. Twenty and twenty-five cents  
per pound. True Cutler, Holt, Mo.

**HONEY—FANCY ALFALFA. TWO 60-LB.**  
cans \$12.00. Single cans 50 cents extra.  
Freight paid to any station in Kansas. Sam-  
ple 10 cents. H. L. Parks, Wellington, Kan.

**WILL PAY RELIABLE MAN OR WOMAN**  
\$12.50 to distribute 100 free pkgs. Per-  
fumed Borax Soap Powder among friends.  
No money required. M. B. Ward Company,  
218 Institute Pl., Chicago.

**NOTICE TO SILO OWNERS—TO OWNERS**  
of pit silos I have a hoisting machine  
with which one man can take the ensilage  
from silo alone. Machine is sold under an  
absolute guarantee. For further information  
write Henry Santrock, Kensington, Kan.

**ATTENTION RENTERS! FOREMAN WANT-**  
ed for irrigated farm in Idaho. Must be  
experienced farmer and stockman. Percent-  
age or salary. If interested state fully what  
experience. Address Eugene Mingenback,  
McPherson, Kan.

**HAY TO SELL—PASTURE TO RENT. 150**  
to 200 tons alfalfa and prairie hay to sell  
in stack. 300 to 1,000 acres of pasture not  
touched for two years. Plenty of well and  
creek water. Ample barns and sheds for  
200 to 300 head of stock. B. C. Decker,  
Hoxie, Kansas.

**BIG WESTERN WEEKLY SIX MONTHS**  
10 cents. Biggest and best general home  
and news weekly published in the West.  
Interesting and instructive departments for  
young and old. Special offer, six months'  
trial subscription—twenty-six big issues—10  
cents. Address Capper's Weekly, Dept. W.  
A-12, Topeka, Kan.

**DRY FARMING CONGRESS. REPORT OF**  
last Congress at Wichita is being printed  
in book form, including all addresses and  
much additional matter. Price including  
membership in the Congress for one year,  
and all bulletins issued during the year,  
\$1.50. Address R. H. Faxon, Secretary, Box  
13, Wichita, Kansas.

**FREE FOR SIX MONTHS—MY SPECIAL**  
offer to introduce my magazine "Invest-  
ing for Profit." It is worth \$10 a copy to  
anyone who has been getting poorer while  
the rich, richer. It demonstrates the real  
earning power of money, and shows how  
anyone, no matter how poor, can acquire  
riches. Investing for Profit is the only pro-  
gressive financial journal published. It  
shows how \$100 grows to \$2,200. Write now  
and I'll send it six months free. H. L. Bar-  
ber, 425 2d W. Jackson Blvd., Chicago.

stock. Farmers are hauling wheat to mar-  
ket. Wheat is 90c to 93c; barley 40c; pota-  
toes 80c.—J. S. Skolout, Oct. 30.

**Kingman County**—We have plenty of rain.  
Wheat is looking fine. Not much corn was  
grown. Cattle are scarce. Hogs \$6.75; oats  
50c; wheat 97c; corn 80c; alfalfa hay \$10  
ton; prairie hay \$8 to \$9 ton.—B. F. Shel-  
man, Oct. 26.

**Crawford County**—Weather is fine. Farm-  
ers are busy cutting kafir and shucking  
corn. Corn is much better than last year.  
Wheat is looking fine. Pastures are good.  
Wheat 98c to \$1; corn 50c to 60c.—H. B.  
Painter, Oct. 31.

**Ellis County**—Little rain in this part of  
the country since the last of August, and it  
is very dry. Much of the wheat has sprouted  
and died. Wheat is being hauled to market.  
Price of wheat for the last 10 days has been  
95c.—D. C. Kingsley, Oct. 28.

**Scott County**—An inch rain fell October  
23. Wheat sowing is in progress. Threshing  
is about finished except cane and milo. We  
have plenty of grain and fodder. Grass is  
excellent for winter pasture. Cattle are  
bringing good prices.—J. M. Helfrick, Oct.  
24.

**Greenwood County**—Greatest crops of  
kafir, cane, milo and feterita that this coun-  
ty has ever known were grown this year.  
Corn will make from 20 to 30 bushels to the  
acre. Potatoes 85c at car; chickens 9c;  
eggs 18c; 50c to 55c offered for corn.—E. E.  
Rardon.

**Jewell County**—Weather fine. We have  
had one hard freeze. Nearly everyone has  
begun gathering corn. Most fields of corn  
are averaging between 15 and 20 bushels to  
the acre. Several cases of hog cholera are  
reported. Hogs \$6.70; eggs 20c.—L. S.  
Behymer, Oct. 31.

**Geary County**—Weather is fine. Have had  
several killing frosts. Most of the wheat is  
sown and looks fine. Pastures are short.  
Most of the stock are doing well. Very few  
fat hogs being sent to market. Kafir and  
cane are all cut. Corn is making from noth-  
ing to 25 bushels.—O. R. Strauss, Oct. 31.

**Barton County**—Wheat sowing is nearly  
finished. Ground is dry and rain is needed  
badly. There will be no wheat pasture next  
winter but feed is plentiful. Pastures are  
getting short. Stock looks well. Cattle and  
hogs are scarce and are bringing good prices.  
Wheat 95c; corn 90c.—J. A. Johnson, Oct. 31.

**Thomas County**—Rain came on October  
22. It was needed badly. Wheat is nearly  
all sown. Corn husking is in progress. There  
will be enough corn for home use. Some  
pigs are being shipped. Horses are slow  
sale. Farmers Union is shipping in coal,  
apples, potatoes and salt.—C. C. Cole, Oct.  
28.

**Pratt County**—Some nice rains have come  
and the fall sown crops look fine. Wheat  
all was sown by October 15 and some of it  
is being pastured. Corn husking has begun  
and the corn is making from 10 to 20 bush-  
els to the acre. There are many hogs in  
the county but cows are scarce.—J. L.  
Pheips, Oct. 29.

**Morton County**—Ground was thoroughly  
soaked by rains on October 21, 22 and 23.  
Maize nearly all is gathered in the northern  
part of the county. There is an abundance  
in the southern part. No threshing is done  
yet but will be soon if the ground gets dry.  
Many cattle are being shipped. Maize 85c.—  
E. E. Newlin, Oct. 26.

**Pottawatomie County**—Wheat sowing is  
finished and the first sowing is up and look-  
ing fine. Ground is well filled with water.  
Pastures have been good all fall. First frost  
of the season came last night. Threshing  
has been delayed on account of the recent  
rains. Wheat 90c; new corn 60c to 70c;  
eggs 20.—W. H. Washburn, Oct. 27.

**Wichita County**—Good rains last week put  
the ground in fine condition for wheat.  
Small acreage of wheat being put in. Most  
of the feed is in the stack. A large crop of  
all kinds of feed has been grown. Stock  
is doing fine on pastures. Cattle and hogs  
are very high. Butter fat 28c; eggs 20c;  
apples \$1 a bushel.—J. E. White, Oct. 31.

**Washington County**—We have had no  
severe frost yet. Tomato and pumpkin vines  
are still green. Most of the wheat is sown.  
Larger acreage is put to wheat than last  
year. Some threshing is to be done. Plenty  
of rain fell this month. Some hog cholera  
is reported. Not as many hogs being grown  
as usual. Apples \$1 bushel; potatoes 70c to  
90c a bushel.—Mrs. Birdsley, Oct. 26.

**Marshall County**—Wheat sowing is fin-  
ished, and the first sowing looks fine. There  
is plenty of moisture now. Heavy frost came  
October 26. Cattle are doing well on the  
pasture and bluegrass is still green. Fall  
seedling of alfalfa is fine, except what the  
grasshoppers took. Cattle are selling well.  
Horses are lower in price. Wheat 97c; oats  
38c; hens 9c to 10c; cream 29c; eggs 20c.—  
F. G. Stettinisch, Oct. 29.

**Brown County**—First killing freeze of the  
season came October 27. Wheat is growing  
and looking fine. Corn will not average 20  
bushels to the acre. Fall pastures are fine.  
Plenty of feed is on hand for the stock.  
Several silos were built this fall. Hog crop  
is below the average. Wheat \$1; corn 65c;  
oats 40c; hay \$15; hens 11c; calves \$25 to  
\$30; eggs 18c; potatoes 70c; cream 28c.—  
A. C. Dannenberg, Oct. 31.

**Douglas County**—Wheat sowing is nearly  
finished and about the same acreage is  
sown as last year. Corn husking is in pro-  
gress. The fifth cutting of alfalfa is cut and  
most of it is put up in good condition. Fall  
plowing is being done for corn and potatoes.  
Stock is doing well. Fall pastures are fine.  
Some wheat is being hauled to market at  
\$1 a bushel; sweet potatoes 95c a bushel;  
apples \$1 a bushel.—O. L. Cox, Oct. 26.

## OKLAHOMA.

**Pottawatomie County**—Heavy frost came  
last night, which killed all vegetation. Some  
kafir was killed by frost. Feed is plentiful.  
Corn all is in the cribs. Lots of cotton is in  
the field yet. Stock is in good condition.  
Hogs are scarce.—L. J. Devore, Oct. 28.

**Alfalfa County**—Wheat looks fine and the  
acreage is larger than usual. Many hogs are  
dying. There is lots of wheat pasture in the  
county. Feterita crop is excellent. Kafir  
is about a fourth of a crop.—J. W. Lyon,  
Oct. 25.

# BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

## Special Notice

All advertising copy, discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

**JEWELL CO.** Improved 160 acres, \$35 per acre. J. H. King, Cawker City, Kan.

**A BARGAIN.** 480 a. close in; good land, Impr. Terms. J. F. Voran, Belpre, Kan.

**640 ACRES** good grass land, plenty water, \$19 per acre. Price & Son, Eldorado, Kan.

**BEST** bargains in Kan. alfalfa and wheat land. Send for list. Layton Bros., Osborne, Kan.

**REAL ESTATE MEN,** attention! Write for special land deal. Lock Box 166, Syracuse, Kan.

**HAVE SOME GOOD** 320 a. tracts at \$10 to \$15 an a. unimpr. \$500 to \$1000 cash down, bal. term of years. Buxton, Utica, Kan.

**BARGAIN.** 151 a. bottom land, joins town; fine improvements; fruit, water, alfalfa, \$12,000. Fred A. Reed, Salina, Kan.

**8000 ACRES** in S. W. Kansas. Plenty shallow water. Will cut it up. Write for price. Lakin Land & Immigration Co., Lakin, Kan.

**320 A.** highly improved, 6 mi. Herington. Best farm in county. Exchange. Stock ranch. Mott & Kohler, Herington, Kansas.

**156 A.** well improved, 90 a. bottom, 50 a. pasture, 15 a. alfalfa, 31 a. wheat. Price \$50. Terms. Overman & Long, Melvern, Kan.

**320 A.,** Stevens Co., 3 mi. from Moscow on Santa Fe cutoff; level black wheat land; price \$3,600; would take good auto in part payment. Chas. W. Ellsasser, Liberal, Kan.

**THREE SNAPS:** 155 a. 3% ml. out, fine imp., \$12,000. 120 a. 4% ml. out, good imp., \$6,000. 80 a. 2% ml. out, good imp., \$4,000. Terms. Decker & Booth, Valley Falls, Kan.

**80 A.** 5% ml. Osage City; 35 a. cult., 5 a. clover, bal. native grass. Family orchard, good house and barn; plenty of water. Close to school and church. BARGAIN. \$3300; easy terms. Rosenquist & Renstrom, Osage City, Kan.

**STOCK FARM** in Chase county, Kansas. 240 acres 5 miles from town, 1/4 mile to school. Daily mail, telephone. 140 acres cultivated, 45 acres alfalfa. 100 acres fine grazing land, 7 acres timber. Splendid improvements. Price \$60.00 per acre, terms. J. E. Bocock & Son, Cottonwood Falls, Kan.

**MANY FARMS** for sale 40 to 100 miles of Kansas City. Real Bargains. Jas. H. Low, Ozark, Kansas.

**FOR BARGAINS** in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

**GOOD,** smooth wheat and alfalfa lands at \$15 to \$25 per acre. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kansas.

**160 A.** 100 cult., 60 pasture; good improvements. Windmill. Pawnee Co. Close to two towns. Good terms. Write me. Thos. J. Stinson, Spearville, Kansas.

**320 ACRES** improved farm land; 200 acres in cultivation, balance pasture; soft water. 1/4 cash, balance to suit at 6%. W. B. Grimes, Ashland, Kansas.

**KINGMAN COUNTY** land bargains. Write for descriptions. Lands from \$20 per acre up. Now is your time. J. F. Schump, Cunningham, Kan.

**GOOD** 160 acre Jewell county farm for sale; well improved and well watered. Must sell at once. \$10,500. R. M. Cauthorn, Mankato, Kan.

**BARGAIN:** 160 close in, part native grass; improved, school on land, price \$50.00; 235 acres close Garnett, improved; price \$30. Triplett, Garnett, Kansas.

**CLARK COUNTY**—820 a. southwest of Kingsdown on R. I. R. R. 400 a. cultivated. Mile to P. O. and school. \$18,000. R. C. Mayse, Owner, Ashland, Kansas.

**160 A.** smooth tillable land, 2 1/2 miles town, 25 clover, 18 blue grass, 32 wheat, 4 room house, barn, corn crib. Price \$8,000.00. Terms. Mansfield Land Company, Ottawa, Kansas.

**80 ACRES,** 3 ml. out; 35 in cultivation; 18 meadow, bal. pasture. Only \$1800. Say, what do you know about that? F. D. Greene, Longton, Kan.

**MUST SELL** 400 acres McPherson Co., Kan. land, 300 a. cult., 200 acres bottom, well improved, good alfalfa and corn land. Price \$22,000; good terms. Write for particulars. W. E. Lundquist, McPherson, Kan.

**160 A.** well improved; all tillable; 90 a. cult., bal. pasture; abundance good water. 10 cows, 2 brood sows, team, harness and wagon. 25 a. wheat. All goes \$35.00; terms. L. E. Pendleton, Dodge City, Kan.

**234 ACRES,** all tillable; good land; good house and barn; fenced and crossfenced; 4 miles west of Hume, Mo. 1/2 mile from school; phone and rural route. Good home. \$60 per acre, terms very easy. Jno. B. Moore, Rich Hill, Mo., Owner.

**TRACTS** of 160 to 480 a. smooth raw wheat land close in to good towns in W. Kansas and E. Colorado, \$4 to \$5 an a. cash; irrigable bottom land relinquishments at Rocky Ford, Colo., from \$250 to \$1,000. Cash bargains all over Kansas and the Southwest. Christensen Realty Co., Hutchinson, Kan.

**NESS COUNTY.** 160 a. smooth wheat land, 4 1/2 miles Utica. \$1600; terms. 160 acres smooth; some imp., 3 ml. Brownell, \$1600. List. V. E. West, Ransom, Kan.

**TO CLOSE** up the estate of Thos. Miles, the heirs will sell the following described property. 160 acres of well improved land 3 1/2 miles north of Greene, also lots 1 and 2 in block 2, Greene township. Inquire of F. C. Miles, Greene, Kansas.

**COFFEY COUNTY, EASTERN KANSAS.** Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Ks.

**SELL YOUR PROPERTY QUICKLY** no matter what or where it is. Pay no commissions. Particulars free. Dept. F. Co-operative Salesman Company, Lincoln, Neb.

**EASTERN KANSAS BARGAINS.** Diversified farming; good crops, roads, water. Rural conveniences. Fine community. T. K. Brockett Realty Co., Pleasanton, Kan.

**ALLEN CO. TOOK FIRST PRIZE** IN CONTEST OF 25 E. KANSAS COUNTIES at Dry Farming Congress, Wichita. Buy a farm here; bargains; 40 a. up; easy terms; write for list. Iola Land Co., Iola, Kan.

**A BIG SNAP FOR CASH.** 80 acres smooth land 2 ml. from town. Anderson Co., Kan. 50 acres native hay; 20 pasture; 10 cult. All tillable. Fenced. Is thrown on the market at \$2400, easy terms. J. F. Ressel, Owner, Colony, Kansas.

**CATHOLIC FARMERS WANTED.** Just got hold of 35 quarters of good farm land in Butler Co., Kan. Close to Catholic church; can sell any amount on easy terms. Write me. Guss Schimpff, Burns, Marion Co., Kansas.

**80 ACRES ONLY \$600.** 80 a. 9 ml. Wichita; good loam soil, plenty bldgs; mile small town; only \$4600; terms \$600 cash, bal. \$500 yearly. Big bargain. R. M. Mills, 1003 Schweitzer Bldg., Wichita, Kansas.

**BUY WHEAT LANDS:** We have large list of lands in the great Kansas wheat belt, at prices ranging from \$1,000 to \$12,000 per quarter. One crop pays for land, in many cases. Write The Howard Land & Loan Co., Pratt, Kan.

**1,920 ACRE KANSAS RANCH.** 12 miles from state capitol. Other towns and railway stations near by. Four houses, one modern; plenty barns, etc.; splendid agricultural and cattle proposition. Write J. D. Miller, Topeka, Kan.

**SPLENDID FARM FOR SALE.** 320 acres, 4 1/2 miles east of Eskridge, Kan. Big crops on farm; parties interested can see views of some of the buildings in Farmers Mail and Breeze of October 17th, 1914. James B. Montgomery, Owner, Eskridge, Ks.

**THE BEST BUY IN SEDGWICK CO.** 160 a., every foot good rich soil; fairly improved; 4 ml. good market; school house on place, R.F.D. and phone line. Price \$3500. \$2500 cash, bal. to suit; act quick as we personally know this farm and guarantee it worth more. Car fare and expenses refunded if we do not prove to you that this is a snap. C. F. Fouquet Inv. Co., Andale, Kan.

**SALE ON WHEAT PLAN.** A limited amount of extra good land in Ness Co., Kansas, to sell on "wheat plan." Just a few dollars down, balance from crop only. What better would you want? Write today for particulars. C. F. Edwards, Ness City, Kan.

**40 ACRE FARM** Good home; 8 room house, 2 stories. Good barn and all outbuildings. Well of soft water at door. Shade and ornamental trees; 5 acres orchard, apples, peaches, pears, cherries. 10 acres alfalfa. All alfalfa land. Good location, good neighborhood. 1/4 mile to school, 2 ml. Scranton. \$100 per acre. 1/2 cash, bal. to suit. Address L. M. Downs, Route 2, Scranton, Kan.

**Kiowa County** Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips, Greensburg, Kan.

**Sedgwick County Farm Bargains** 240 a. farm, best valley or alfalfa land, good house, large barn, 2 silos hold 300 tons, 40 a. alfalfa. \$75 per acre. 80 well improved alfalfa land, good home, near Wichita. \$80 per acre. 40 a. farm, fair improvements, fine fruits, best of land, near small town. \$3,500. 160 a. farm, large improvements, best of land, 30 a. in alfalfa. \$75 per acre. Trade into smaller farm. H. E. Osburn, 227 E. Douglass, Wichita, Kan.

**NOT SIMPLY A BARGAIN** But a Snap You Rarely Find 120 acres, 7 miles from Cherryvale, Kan., in Labette Co. 4 1/2 miles from Mound Valley, Kan. Good nine room house; good big barn with hay mow, and fork, and other outbuildings; orchard, 25 acres in alfalfa, 20 acres in pasture, balance in cultivation, black limestone soil; buildings all painted and in good shape, price \$50 per acre, if sold soon; good terms. Address D. D. Walker, Parsons, Kan.

**NEW YORK** MORE GOLDEN DOLLARS GROW on McBurney's New York improved farms selling at \$40, \$50, \$60, \$75, and \$90 per acre than on western farms costing twice as much. Come now and see. For list ask McBurney & Co., 309 Bastable Block, Syracuse, New York, or 703 Fisher Bldg., Chicago, Ill.

## ARKANSAS

**LITTLE RIVER** valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

**405 ACRES**—100 cleared—4 room house—good timber, five miles of Fordyce. Price \$3500. Polk Real Estate Co., Little Rock, Ark.

**IF YOU WANT** a stock or fruit farm of any size in the land of cold springs, fine streams, the home of the apple, come to or write to Howard & Smith, Hiwassee, Benton Co., Ark.

**FINE** farm land; sure crops, corn, oats, cotton, clover, alfalfa. No rocks nor swamps. Easy payments. Discount for cash. Free map. Tom Blodgett Land Co., Little Rock, Ark.

**17,000 ACRES,** no rocks, hills or swamps. Any size farms Grant Co., \$1.50 per a. down, bal. 20 years at 6%. Grant County Land Co., Opposite Union Depot, Little Rock, Ark.

**WRITE** for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

**320 ACRES,** all fenced; 240 acres in cultivation; bal. timber; three miles of good town on railroad; fine improvements. \$50 per acre. Write for list of bargains. Arkansas Investment Co., Stuttgart, Ark.

**IF INTERESTED** IN N. E. ARKANSAS farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

**FRUIT,** grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

**WHAT HAVE YOU TO TRADE** For Arkansas level farm land? Close to railroad; 40 acres up; grows anything. Shaeffer Land Co., 641 Reserve Bank Bldg., K. C., Mo.

**200 ACRES** 6 mi. from Waldron, county seat Scott Co., Ark. 50 acres valley land in cultivation. 75 acres more to put in. Good orchard, lasting water, fine out range, good timber, small house. Price for quick sale \$2,000. Half cash, good terms on balance. Frank Bates, Owner, Waldron, Ark.

**SACRIFICE SALE BY OWNERS.** 2 improved farms in most favored section of rich and rapidly developing state, northeast Arkansas. Very productive; no crop failures. Also 280 a. unimproved land. Business changes necessitate sale. Write T. J. Ellis, Jonesboro, Ark., for particulars.

## ARKANSAS STOCK FARM

400 a. 8 ml. Morrilton, on 2 public roads. Good neighborhood. 260 a. in cult. and pasture, 125 creek bottom and 135 good upland bal. timber. 3 sets imp. One 6-room frame house. Splendid stock farm. \$9000. Stephens, Cazort & Neal, Morrilton, Ark.

**FOR SALE** Stock ranch Fulton county, Arkansas. 600 acres near Mammoth Spring; 90 acres in cultivation; bal. timber, most oak varieties. Ideally watered. A fine hog ranch. \$2500 to \$3000 worth stock and machinery now on ranch; all goes for \$25 per acre. Will give terms. Write Wm. M. Beckett, St. Joseph, Mo.

## FOR SALE

917 a. farm; best improved in Baxter Co. Barn 50x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres 3/4 ml. to Haney, 60 a. in cultivation; good springs. Price \$1,600. 33 room hotel and furniture on a fine corner in Cotter. Will trade this for a farm in Kansas. Write for full description and price. A. T. Garth, Cotter, Ark.

## ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guaranty against crop failures. We have 10,000 acres of fine cutover agricultural lands for sale. Your choice of a farm for \$15 per acre. Terms \$1.50 per acre cash, balance any time in 20 years, 6% interest. This land is selling fast. FRANK KENDALL LUMBER COMPANY, Pine Bluff, Arkansas.

## NORTH DAKOTA

**BEST DEAL ON BEST SOIL** in rain belt. Wadsworth, Langdon, N. D.

## 200 Acre Farm

20 acres meadow, all of balance in cultivation, no waste, all smooth, level, black, rich, productive soil. 4 room house, frame barn for 12 head stock. 1 mile from Hurdsfield, a classy town in eastern N. D. Price \$8,000, \$1,000 cash, bal. easy payments. Also own other choice farms; overloaded, must sell something quick. WARREN W. HURD, 310 Commerce Bldg., St. Paul, Minn.

## CALIFORNIA

### MAGNIFICENT TRACTS

In the heart of the Sacramento Valley on the famous Bidwell Ranch for sale on easy terms. Prunes, peaches and almonds, located within a mile of a city of 13,000 people. The finest soil in California, a rich garden loam, noted for its production of fine fruit. Write for descriptive literature. Bidwell Orchards, Inc., Chico, Calif.

## MISSOURI

**WRITE** Bedell & Co., Springfield, Mo., for prices on grain, stock and dairy farms.

**WRITE** for farm lists in Cedar and Vernon Cos., Mo. Shaw Bros., Eldorado Springs, Mo.

**VERNON CO.** Write for list of farm and city prop. Exs. W. W. Armstrong, Nevada, Mo.

**CHOICE** Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

**1120 A.** Vernon Co. Fine Impr. 800 a. cult. Clear. Can borrow \$25,000. Price \$44,800. G. W. Depue, Drexel, Mo.

**WRITE FOR LIST** of farms in Bates Co., Mo. All sizes; \$40 to \$80. Elliott & Hall, Rockville, Mo.

**LARGE LIST** of Vernon county, Mo., farms for sale. All sizes, prices \$30 to \$65 per acre. G. E. Godfrey & Co., Nevada, Mo.

**FOR SALE**—320 a. Missouri land, fine timber and grass land. Bargain. \$8 per a. cash. No trade. T. N. Castles, Lawrence, Kan.

**IF YOU** want a farm in Cass or Jackson counties, I have what you want. Write me. A. R. Wherritt, Pleasant Hill, Mo.

**ALL SIZED TRACTS** of land for sale with small cash payment. Buyers own terms on balance. J. W. Key, Mountain Grove, Mo.

**WE** have many fine farm bargains in Bates, Henry, Vernon and St. Clair counties. Write for prices of what you want to Mills & Routsong, Appleton City, Mo.

**\$5.00 DOWN,** \$5.00 monthly, buys 40 acres grain, fruit, poultry land, near town; healthy location, excellent bargain. Price \$220. Box 425-G, Carthage, Mo.

**40 ACRES,** best sandy loam land, 5 acres clear, 2 room house; rest cut over timber easy to clear. Best location; no overflow. \$26, easy terms. Chance for poor people. F. Gram, Naylor, Mo.

**FINE FARM,** 2 ml. from good town, S. W. Mo., Newton Co. Fine imp.; 3 a. orchard, some grapes. Alfalfa does fine. Good crops this year. \$5000, 1/4 cash. Ben F. Browning, 619 E. Walnut St., Springfield, Mo.

**CLOSING OUT SALE.** Four improved farms, 1 to 6 miles of Cabool at special bargains. Descriptions; good terms: J. P. Roberts, Cabool, Mo.

**ATTENTION, FARMERS.** If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

**PECAN RANCH.** 1,000 acres bottom land in drainage district, Bates county, Missouri. Best corn and alfalfa land in the state. \$40.00 per acre. M. H. LOSEE, Station "A," Kansas City, Mo. Registered Galloway cattle for sale.

**WRITE** for booklet and lists on Ozarks. We have best dairy, poultry, and fruit country there is in the U. S. Pure water, short feeding months, grow all kinds of grasses. Have State Fruit and Poultry farms and large creamery located here. J. A. Wheeler, Mountain Grove, Mo.

**OZARKS.** 40 acres four miles out, all smooth table land; about half in cultivation, pretty yard with big trees; small but neat improvements; quite a bit of fruit; half acre good strawberries; well fenced; best of fruit, grape and berry land and good corn and grain land; price \$1,500.00; terms. W. J. Chambliss, Anderson, Mo.

## PETTIS COUNTY BARGAIN

640 acres, improved farm, corn belt Missouri. Unable to occupy and unwilling to rent to tenants who lack means to handle so large a place, I am offering for sale my 640 acre farm in the corn belt of Missouri at an unusual bargain. It is hundred dollar land in the midst of farms all worth that per acre. Well improved; 480 acres under plow; balance blue grass pasture. Four miles from railroad and only sixty miles from Kansas City, in Pettis county, Missouri, near Sedalia. Has loan \$26,000.00 at 5% running three years more. Will take choice smaller farm or choice income property for one-half of price. A great bargain for one able to handle a good sized proposition.

## INLAND SECURITY CO.

Commerce Bldg., Kansas City, Mo.

## TEXAS

### Irrigated Alfalfa Farm

I will trade my irrigated alfalfa farm of 320 acres, every acre good, well pumping 1500 gallons water per minute, 70 acres in alfalfa, located in the Plainview Shallow Water district, no junk considered. J. Walter Day, Owner, Plainview, Texas.

## FOR SALE

**PANHANDLE LAND AND CATTLE.** We have good farms, stock farms, and ranches for sale, any size tracts, also a few good bunches of cows, steers and calves for sale; if you want to buy, your correspondence solicited, otherwise write others, we are always busy with the men that mean business. H. J. Newman and Company, Miami, Texas.

## WISCONSIN

150 ACRES, stock and machinery. \$5000. \$1000 cash. Frazer & Maxson, Sparta, Wis.

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

WONDERFUL BARGAIN for QUICK DEAL! Level black loam farm, 290 acres. 1/2 mile railroad town. Elegant large up-to-date buildings, all farm machinery and 100 tons of hay. Only \$85 per acre on easy terms. Harry D. Baker, President, Polk County Bank, St. Croix Falls, Wis.

## Secure a Home in UPPER WISCONSIN

Best Dairy and General crop state in the Union. Settlers wanted. Lands for sale at low prices on easy terms. Ask for booklet 30 on Wisconsin Central Land Grant. State acres wanted. Write about our grazing lands. If interested in fruit lands ask for booklet on apple orchards in Wisconsin. Address Land Dept., Soo Line Ry., Minneapolis, Minn.

## MINNESOTA

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

WANTED—Farmer in every locality to handle our West Central Minnesota farm lands. Liberal commissions. Write for proposition. King Land & Loan Co., Breckenridge, Minn.

MINNESOTA IMPROVED FARMS for sale; corn, clover, and dairy farms; good markets, schools and roads. Write for list. Crescent Land Co., Owatonna, Minn.

CORN AND CLOVER FARMS near Twin City markets. No drouth. Ask for descriptions. \$25 to \$75 per acre. Carter Land Co., Near Union Depot, St. Paul, Minn.

RICH FARM LANDS in Minnesota Red river valley, where corn, alfalfa, potatoes, and clover flourish. Ideal stock country. Rain-fall 28 inches. Crop failures unknown. Prices very low. Write N. S. Davies, Sec'y Minnesota Red River Valley Development Ass'n, Crookston, Minn.

## OKLAHOMA.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla.

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.

OKLAHOMA FARMS. 80 to 320 acre tracts, highly improved, well located. \$20 to \$40. Write us. G. L. Farris, Tulsa, Okla.

WRITE US regarding auction sale of 82,000 acres farm and grazing land in this county next month by Government. Enclose stamp. Southern Realty Co., McAlester, Okla.

## OKLAHOMA LAND FOR SALE

Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

## LAND! LAND!

Mr. Investor, can't I interest you in some real farm land bargains? If so, let me send you a list of improved farms. I have for sale. Very liberal terms, if desired. C. T. Erwin, Chickasha, Okla.

Public Auction Sale  
Oklahoma State and  
School Lands

Beginning November 30, 1914, the Commissioners of the Land Office of the State of Oklahoma will sell at the highest bid on 40 years' time at five (5) per cent interest, approximately 235,000 acres of its public lands, in tracts, ranging from 640 acres down, according to the Government Survey.

Said lands are situated in Beaver County, and will be offered at the door of the County Court house, Beaver City, Oklahoma.

For further information, address John R. Williams, Secretary, Oklahoma City, Oklahoma.

## COLORADO

## DAIRY EQUIPMENT

adjoining this city. 60 a. also suitable for stock feeding. Price \$15,000. Terms. W. J. Cattell, 1730 Logan St., Denver, Colo.

FOUND—Homestead near Ft. Morgan. 320 acres rich farm land, not sand. Price \$200, filling fees and all. J. A. Tracy, Ft. Morgan, Colo.

## LAND

Greatest Offer Ever Made  
Ten Years in Which to  
Pay for a Tract of  
COLORADO IRRIGATED LAND

We offer for sale, from our 16,000 acre tract, 1,000 acres adjacent to the city of Pueblo, which has a population of 55,000, in tracts of 20 acres and up to \$100 per acre including a PERPETUAL WATER RIGHT, ONE-TENTH CASH and balance in nine equal annual payments. After this acreage has been sold the price will be ADVANCED. An abundance of water in reservoir; canal, ditches and laterals now ready for the farmer. Railroads on all sides, three stations; macadamized county road sixty feet wide runs directly through this tract. Farmer can load his wagon with vegetables in the morning, go to the city and dispose of same and get home by noon. If you are interested, come at once and let us show you this beautiful tract of land, surveyed in 20 acre tracts, you are bound to like it. The land is well worth \$200 per acre and ought to sell for that price now. We believe this to be the GREATEST OFFER ever made to home seekers for COLORADO IRRIGATED LANDS after considering all the advantages. This land is ready for the plow now, and if you will farm it, it ought to pay for itself in 3 years. Come early and select your land. Write for further information. THE TELLER RESERVOIR & IRRIGATION CO., 601 N. Santa Fe Ave., PUEBLO, COLORADO.

## FOR SALE OR EXCHANGE

WRITE for my large sale and exchange list. Jess Kinsner, Garden City, Kansas.

A STOCK of merchandise, storeroom and dwelling for trade. Theo. Voeste, Olpe, Kan.

LANDS and mdse. sales or exchs. made quick. Co-Operative Realty Co., Humansville, Mo.

HOWELL COUNTY land for sale or trade. J. R. Bright, West Plains, Mo.

BARGAINS in Lyon County. Trade anywhere. S. M. Bell, Americus, Kansas.

TWO FOR ONE. 1/2 section; 1/2 cult., 1/2 grass. 1/2 mi. town. Alfalfa land; good improvements. Living water. Prefer N. E. Kansas. A. A. Murray, Westmoreland, Kan.

CASS CO. FARMS for sale or exchange. W. J. Dunham, Creighton, Mo.

70 ACRES improved. Close to school town. Want residence. 160 improved. Want 80. Box 2, Richmond, Kan.

FOR farm and ranch list write Wood & Moore. We are in line for trades. Spearville, Kan.

FOR EXCHANGE: 1st class 4 apartment modern flat located in Muskogee, Okla. Want good Kansas farm close to high school. For good exchs. and bargains see or write National Realty Exchange, 227 Court St., Muskogee, Okla.

160 FINELY IMPROVED; want Ray or Carroll Co., Mo., land, 160 or 200 a. R. M. McGinnis, Princeton, Kansas.

TRY BIGHAM & OCHILTREE, they sell and trade farms and property. 802 Corby-Forsce Bldg., St. Joe, Mo.

IMP. 1/2 SEC. close to good town in western Kansas, 190 a. level in cult.; fine soil and water. \$6400, loan \$1000. Want clear income; small farm or mdse. We are headquarters for high grade exchanges. Send full description in first letter. Commission 2%. Christensen Realty Co., Hutchinson, Kan.

EASTERN LAND FOR WESTERN. 240 acres, well improved, about 75 mi. southwest of Topeka. Price \$18,000, mtge. \$5,500. Want good land, in Kansas, not too far west for equity. What have you? Might assume some. Frank W. Thompson, Beloit, Kan., Agt.

## FLORIDA

80 ACRES famously rich Everglade land near canal, \$9.00 per acre. Other lands and city property. Send for booklet. Parker & Ausherman, Ft. Lauderdale, Fla.

Land Seekers  
Excursion

every first and 3rd Tuesday in each month to DeSoto County, Florida. Go with us and see this wonderful country and the great opportunities it offers the man of moderate means to get a home and independence. Write for our literature; it gives facts showing the advantage our lands offer the stockman, dairyman, farmer, winter gardener, fruit grower and poultryman. We do not ask you to buy this land without seeing. 103 improved farms throughout the tract proving conclusively what it will do.

## NEW HOME REALTY CO.

1307 Commerce Bldg., Kansas City, Mo.

## ALABAMA

BLACK BELT ALFALFA AND STOCK  
Farms for Sale

1,550 acres, beautiful location, flowing artesian wells, plenty of shade; 1,330 acres choice alfalfa soil, ideal location, flowing wells.

The above farms are the best properties in Alabama. We are selling more land and have more good land to offer than any firm in either Alabama or Mississippi. For information address C. C. Clay Alfalfa Land Co., Demopolis, Alabama.

FIGLEY & DILLEY will sell or exchange farms; small farms, ranches, alfalfa lands. Write for prices or come and see us. Council Grove, Kansas.

NOTICE: Fine farm 5 mi. from town, 80 a. in cult. 80 a. bottom, 5 a. alfalfa, 80 a. pasture, fine water, some timber, land grows anything; fair improvements. Will sell or exchange for property near town. Price \$5,500. Inc. \$1300. 9 yrs. 6%. Other real bargains. H. H. Anderson, Gotebo, Okla.

## FOR SALE OR TRADE.

480 acres Solomon River Valley Land. Best all around farm in North Central Kansas. 60 acres alfalfa; modern improvements. Adjoins county seat. Chas. D. Gorham, Garden City, Kansas.

Buy or Trade with us—Exchange book free Bersie Agency, Eldorado, Ks

## For Residence Property

Unimproved 160 acres Montgomery Co., Kan.; very desirably located; all can be cultivated. Price \$7,000 clear. Many other good trades. Foster Land Co., Independence, Kan.

## FOR SALE OR TRADE

Four quarters Ness Co. land; one in Trego, eight room house and barn. About forty acres alfalfa land. Encumbrance \$6150.00. Low rate of interest. Address Box 35, Bazine, Kansas.

## For Sale and Exchange

Northwest Missouri, Iowa and Nebraska choice farms; the greatest grain belt in the United States. Get my bargains. M. E. Noble & Co., St. Joseph, Mo.

## 400 Acres

Well located, well improved and a good farm in eastern Kansas to trade for clear western land or a good clean well located stock of general merchandise.

## H. C. WHALEN

413-14 Bitting Bldg., Wichita, Kansas.

## BUY AN OZARK STOCK FARM



Many Ozark farmers are making money raising hogs. The fine open winters make it unnecessary to provide expensive quarters and the porkers can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows will soon pay for an Ozark farm.

Although it was a dry year one Ozark dairyman reports a profit of \$100 a cow in 1913 from each one of his 18 cows. Holsteins, Ayrshires and Jerseys are making the Ozarks one of the greatest dairy countries in the United States.

It would be impossible to find a better country for poultry raising than the Ozarks. A large portion of the poultry products that make Missouri the greatest poultry state come from the Ozarks.



83 A. close town; spring, house, barn; 20 a. cult. \$650. Other bargains. McQuary, Seligman, Mo.

BEST bargains in Missouri. 333 a. 2 mi. town. Two sets imp 180 a. bottom, price \$30 per a. Missouri Land Co., Humansville, Mo.

FRUIT and timber, clover and bluegrass land, \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, Mebats, Nat'l Bank Bldg., Springfield, Mo.

480 A. STOCK RANCH. Estancia Valley, N. M. Valley land, well imp., \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

IF YOU WANT a grain or stock farm on Current River, write Garry H. Yount, Van Buren, Mo.

40 A., 6 mi. Lebanon; 1/2 in cult. Small house, stable, orchard and well. Price \$650.00. Stillwell Land Co., Lebanon, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

THE OZARK MOUNTAIN REGION is a most delightful place in which to live, having splendid climate and abounding in living springs of pure water. It has hill, prairie, and valley land, a variety to suit everybody. Wonderful prospects for increase in values. Write for free booklet. Wm. P. Nicholson, Immigration Agent, Kansas City Southern Railway, Kansas City, Mo.

## Poultry Book by a Kansas Man

The poultry wealth of the United States is not in a few large flocks found on the big poultry farms, but in the great number of small flocks that have their homes on the general farms of the country. This is one of the interesting facts that W. A. Lippincott, professor of poultry husbandry at the Kansas Agricultural college, mentions in his new book, Poultry Production. He proves his statement with figures, too. Poultry production is a book of 475 pages, and is filled with the poultry sense and knowledge of one of the most able poultrymen of the country. It is illustrated with more than 200 pictures, and sells for \$2. As it is written by a man familiar with Kansas conditions and problems, the book is particularly valuable to Kansas people.

"The majority of the very many market poultry farms that have been undertaken and have failed, have failed because they have been unable to maintain the health and productive vigor of their flocks," says Professor Lippincott. Chickens and turkeys are highly susceptible to disease, he points out, and where large numbers are confined in a small space it is not easy to keep them well. The flock that has unlimited range is working at a great advantage.

Every detail of commercial poultry keeping is considered in this book. More than half of it is devoted to the care and feeding of poultry for the production of marketable products in the form of meat and eggs. Breeding, incubation, rearing, marketing, come in for their share of the discussion. The construction of houses, and methods to use to keep the fowls vigorous and healthful, are subjects that are explained so that all questions of how and why are answered.

The principles of feeding as discussed by Professor Lippincott is one of the best things that the book offers. Rations for laying and for fattening, for chicks and for mature birds, are explained and compared. A great many experiments and feeding tests have been conducted in various parts of the United States, and it is worth while for the poultry feeder to know the results of this work. Professor Lippincott presents this information in a way that holds one's interest.

Underfeeding is an evil, but it is better to underfeed to a slight degree than to overfeed, he believes. The really skillful feeder, he says, is the one who so handles the ration as to constantly pique the appetite of the fowls, inducing them to consume large amounts of food with relish, yet never giving them quite all they would like to consume.

## Feterita Not Injurious

I will try to answer the question asked by L. J. S., last week, in the Farmers Mail and Breeze. Many farmers in this vicinity are pasturing their stock on second growth feterita and kafir. We know of no case where stock has been poisoned by it. We do think it is advisable to let the stock get accustomed to it gradually. The second growth feterita is not so well as the second growth kafir. Both are poor feeds for milk cows. Either, when cut and cured, is a safe feed for any kind of stock.

Kremlin, Okla.

Jacob A. Voth.

## Feterita Killed the Calves

A neighbor has been pasturing wheat and a small field of second-growth feterita with a small bunch of calves. No harm had come to the calves until this morning, October 27, when we had a heavy frost. Two of the five calves bloated and died in a short time.

Randolph, Kan.

H. Eryhofr.

The position of city forester is now offering a new field for men with a technical training in forestry. Fitchburg, Mass., is one of the latest towns to secure an official of this sort.

## NEBRASKA

WE GUARANTEE you bargains in stock farms and ranches. Write Willis Caldwell, Broken Bow, Nebraska, The Bargain Man.

I HAVE FINE alfalfa farms in tracts from 160 acres to 1000 acres, and best corn and wheat land at prices from \$8 to \$25 per acre. These prices will not last long. Write me today.

A. T. Cowings, Benkelman, Neb.

## Where War Helps

(Continued from Page 3.)

as do not have the chance they ought to have to develop in a normal way—they don't have the feed to do it on. In speaking of this, H. J. Waters, president of the Kansas Agricultural college, said a few days ago:

"Better feeding methods are absolutely essential in this development of our Kansas horse industry which is to come from the war. The feeding methods on the average farm in this state are perhaps the greatest weakness in the business. We must furnish plenty of high quality, well balanced feed, to provide for the growth in a rapid, normal manner."

Investigations conducted by Dr. McCampbell have indicated the supreme importance of good care with colts the first winter. The colt that is placed out in the stalk fields and compelled to rustle for himself will never make the development he might have made. Instead of this he should be supplied with good shelter, pure water and all the alfalfa hay and good roughage he cares to eat. A good concentrated feed which is cheaper than oats and will produce even better gains is corn 70 parts, bran 25 parts and oil meal 5 parts. This should be fed at the rate of 1 pound a day for every 100 pounds of live weight.

If a good bluegrass or bluestem pasture is available in the summer it will not be necessary to feed grain, but if the growth is cut short by dry weather some grain should be given. The ration the second winter should be about the same as that given the first winter. This ration was the cheapest and best of the many that have been tried by Dr. McCampbell.

"The big thing in the horse business in Kansas is to develop more efficiency in the way it is run," said Dr. McCampbell. "There should not be the extensive use of geldings and mules for farm work which there is, for mares should be used instead. I do not say that a mare will do as much work as a gelding of like weight and raise a colt at the same time, but I do say that three good mares will do as much work as two geldings, and they will produce two good colts on an average which should be worth upwards of \$100 at weaning time if they have been handled properly."

"There is no reason for any vast rush into the purebred horse business, as this is something which requires a great deal of study. There are good opportunities in purebred horses, however, for a man who will study the business. But I do believe that as much money can be made for the first few years in the purebred business if one sells the colts at weaning time or as yearlings to some of the larger horse farms, that have good selling organizations. On these farms special care is taken in the feeding, and frequently the animals get a much better development than they would get if there were just two or three on the farm. Most of the selling business in the Percheron district of France is run in this way; the big operators buy the colts when they are young, and feed and develop them in large lots."

Kansas can develop just as good horses as are grown in France or Belgium if care is taken in breeding and feeding the animals. Men like Jim Robinson of Towanda have been producing draft horses in Kansas for years that are not exceeded by those grown anywhere. The conditions here are well adapted to the growing of big animals that have action and quality.

"The big thing now is to appreciate the big opportunity we have in the horse business," said W. M. Jardine, dean of agriculture in the Kansas Agricultural college. "If the business in Kansas is developed in a substantial way on the basis of quality, good returns will be made. There will be a big demand for our grade animals; 340 horses were purchased near Manhattan in one week recently. During the Boer war 40,000 horses were purchased for Africa on the Kansas City market. Perhaps 1/4 million draft animals will be purchased in this country during the war. As these horses go out, let's plan to replace them with well bred animals of high quality, and to increase the profits in the draft horse industry."

A new seismograph under construction at the University of Chicago will record earthquake shocks occurring anywhere in the world.

## WHAT BREEDERS ARE DOING

FRANK HOWARD,  
Manager Livestock Department.

### FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.  
John W. Johnson, N. Kansas and S. Nebraska, 320 Lincoln St., Topeka, Kan.  
Ed R. Dorsey, North Missouri, Iowa and Illinois.  
Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.  
C. H. Hay, S. E. Kan. and So. Missouri, 4204 Windsor Ave., Kansas City, Mo.

### PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

### Poland China Hogs.

Nov. 10—E. J. Story, Kewanee, Ill.  
Nov. 11—J. H. Harter, Westmoreland, Kan.  
Nov. 13—L. E. Klein, Zeandale, Kan.  
Nov. 24—Chas. E. Moore, Muscotah, Kan.  
Dec. 17—Ed Sheehy, Bume, Mo.  
Dec. 18—J. R. Young, Nevada, Mo.  
Jan. 20—Roy Johnston, South Mound, Kan.  
Jan. 21—Joe Hemmy, Hill City, Kan.  
Jan. 23—A. C. Lobough, Washington, Kan.  
Jan. 26—Ira Dodson & Son, Aleuo, Ill.  
Feb. 1—Beall & Jackson, Roca, Neb.  
Feb. 2—John Kimmerer, Mankato, Kan.  
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.  
Feb. 4—Albert Smith & Sons, Superior, Neb.  
Feb. 5—H. L. Fritchett, New London, Mo.  
Feb. 9—Jas. W. Anderson, Leonardville, Kan.  
Feb. 10—Agricultural College, Manhattan, Kan.  
Feb. 11—G. A. Wiebe, Beatrice, Neb.  
Feb. 13—J. F. Foley, Oranogue, Kan.  
Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.  
Feb. 15—Joshua Morgan, Hardy, Neb.  
Feb. 17—J. H. Harter, Westmoreland, Kan.  
Feb. 18—J. L. Griffiths, Riley, Kan.  
Feb. 19—J. D. Mahan, Whiting, Kan.  
Feb. 19—A. J. Swingle, Leonardville, Kan.  
Feb. 20—E. E. Merten, Clay Center, Kan.  
Feb. 24—John W. Noll, Winchester, Kan.  
Feb. 25—T. M. Willson, Lebanon, Kan.  
Feb. 26—Lambert Bros., Smith Center, Kan.  
Feb. 26—W. E. Epley, Diller, Neb.  
Mar. 1—Groninger & Sons, Bendena, Kan.  
Mar. 3—H. C. Graner, Lancaster, Kan.  
March 3—Gilbert Johnson, Osceola, Neb.

### Spotted Poland Chinas.

Feb. 24—Alfred Carlson, Cleburne, Kan.

### Duroc-Jersey Hogs.

Nov. 10—J. B. Duncan, Flush, Kan.  
Nov. 23—Sam'l Drybread, Elk City, Kan.  
Jan. 25—J. B. Swank & Sons, Blue Rapids, Kan.  
Jan. 26—Geo. Briggs & Son, Clay Center, Neb.  
Jan. 26—Ward Bros., Republic, Kan.  
Jan. 26—Ira Dodson & Son, Aleuo, Ill.  
Jan. 27—Wells and Trump Formoso, Kan.  
Jan. 28—Dana O. Shuck, Burr Oak, Kan.  
Feb. 6—Philip Albrecht & Sons, Smith Center, Kan.  
Feb. 12—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.  
Feb. 9—Agricultural College, Manhattan, Kan.  
Feb. 10—Thompson Bros., Garrison, Kan.  
Feb. 11—Samuelson Bros., Cleburne, Kan.  
Feb. 12—Howell Bros., Herkimer, Kan.  
Feb. 16—J. M. Layton, Irving, Kan.  
Feb. 23—J. R. Jackson, Kanopolis, Kan.  
Feb. 25—Martin Kelly, Verdun, Neb.  
Feb. 27—A. N. Farnham, Hope, Kan.  
March 5—Samuelson Bros., Blaine, Kan.  
March 11—W. W. Otey & Sons, Winfield, Kan.  
March 12—G. C. Norman, Winfield, Kan.  
March 17—Mott & Seaborn, Herington, Kan.

### O. I. C. Hogs.

Feb. 3—Chas. H. Murry, Friend, Neb.

### Shorthorn Cattle.

Dec. 18—Irvin E. Wilson, Belvidere, Neb.  
Jan. 15—L. R. Brady, Mgr., Manhattan, Kan.

### Angus Cattle.

Jan. 21—L. R. Brady, Mgr., Manhattan, Kan.

### Jersey Cattle.

Nov. 9—A. L. Churchill, Vinita, Okla.

### Percherons.

Dec. 15—E. J. Quilter and others, Albion, Neb.  
Dec. 17—J. C. Robison, Towanda, Kan.  
Jan. 28—Spohr & Spohr, Latham, Kan.  
Sale at Wichita, Kan.  
Feb. 13—W. S. Boles & Sons, Enid, Okla.

### Percherons and Other Draft Horses.

Jan. 26, 27, 28, 29, 1915—Bloomington, Ill.  
C. W. Hurt, Mgr., Arrowsmith, Ill.

### Combination Livestock Sales.

Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla.  
March 8 to 13—F. S. Kirk, Mgr., Enid, Okla.

### SHORTHORN BREEDERS MEET.

A meeting of the members of the Oklahoma Shorthorn Breeders' association has been called to meet at Enid, Okla., Thursday, December 10. The meeting will be held at the Garfield county courthouse beginning at 2 o'clock p. m. There will be an election of officers and various other matters of interest will be discussed by the Shorthorn Breeders of Oklahoma. All who are interested in the breeding of Shorthorns are cordially invited.—H. C. Lookabaugh, pres., Watonga, Okla., Frank Taggart, Sec'y., Waukomis, Okla.

### S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Paul Sweeney of Bucklin, Kan., is making close prices on a choice lot of Duroc-Jersey spring boars. These youngsters will weigh from 125 to 150 pounds in just breeding condition. They are guaranteed in every respect. If you can use one or more of these pigs at a close price write Mr. Sweeney and mention Farmers Mail and Breeze.

### Snyder Brothers' Sale.

D. L. and A. K. Snyder sold, at Winfield, Kan., October 30, 26 head of Shorthorn cattle, a large per cent of which were double standard and including various ages from weanling calves to those of mature age. The females' average was \$73.43, on 22 head; the males, four head, averaged \$80.62. The top of the bulls was lot one, going to J. M. Wandler, Junction City, Kan., at \$190. D. O. Wilson paid the highest price for females, \$120 for lot No. 7.

### Otey's Duroc Boars.

The writer recently visited the farm of W. W. Otey & Sons, Winfield, Kan. They have at present more spring boar herd header and show prospects than ever before. They are by the grand Champion Good E Nuff Again King and Otey's Dream, the reserve champion at Hutchinson this year. If these young boars do not furnish another champion for next year the writer will miss his guess. If you want a young boar to head your herd here is an opportunity to get at least one out of six young boars any one of which, if properly developed, is eligible to championship honors. They have a nice lot of serviceable young boars and will make a 25 per cent cut in prices for the next 30 days in order to move them quickly. Please mention Farmers Mail and Breeze.

### Herd Boar Opportunity.

G. C. Norman, proprietor of Royal Selon Farm at Winfield, Kan., is offering some outstanding herd boar prospects sired by the great Duroc-Jersey champion Graduate Col. Graduate Colonel boars are at the head of some of the best herds in the United States and his sons have been champions and grand champions in many state fair shows. Graduate Colonel boars add prestige to any herd to which they go. If in need of an outstanding herd boar do not overlook these. Recently Mr. Norman added to his herd, Gano's Pride, an outstanding son of the great Col. Gano and out of a dam by the grand champion Freed's Col.; second dam by Harding's Col. and third dam the great brood sow, Nebraska Belle. Gano's Pride is a great big, mellow, meaty fellow that weighs in just breeding condition over 500 pounds as a junior yearling. He is sure a great prospect. If in need of a herd boar be sure to write Mr. Norman.

### Blough's Big Type Poles.

John Blough, Bushong, Kan., has a handsome lot of big, stretchy spring boars, that can be bought at prices any farmer can afford and they are good enough to head breeders' herds. They are by such sires as Melbourne Jumbo's Equal and Valley Coin, two extra individuals and fashionably

### LIVESTOCK AUCTIONEERS.

**Livestock Artist**  
HARRY SPURLING, TAYLORVILLE, ILL.

**BOYD NEWCOM** Wichita, Kansas.  
Real Estate a Specialty. Write, wire or phone for dates.

**N. W. COX** Wellington, Kan.  
LIVESTOCK AND FARM SALES.

**Spencer Young, Osborne, Kan.**  
Livestock Auctioneer. Write for dates.

**Jas. T. McCulloch, Clay Center, Kan.**  
Reference: The breeders I am selling for every year. Write for open dates.

**WILL MYERS, Livestock Auctioneer**  
BELOIT, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

**D. F. Perkins, Concordia, Kan.**  
Livestock Auctioneer. Write, wire or phone for dates.

**FRANK J. ZAUN**  
FINE STOCK AUCTIONEER, INDEPENDENCE, MO.  
"Get Zaun. He Knows How." Bell Phone 675 Ind.

**Ruggels & Son, Beverly, Kansas**  
Livestock and big farm sales solicited.

**W. A. Fisher, White City, Kan.**  
Livestock Auctioneer. Write or Phone for dates.

**Be an Auctioneer**

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Jan. 4, 1915. Are you coming?

**MISSOURI AUCTION SCHOOL**  
Largest in the World. W. B. Carpenter, Pres.  
818 Walnut St., Kansas City, Mo.

**At Ordinary Prices** farm-raised registered Percheron studs, 1, 2, 3 and 4 years old. Kind dispositioned because well cared for. You would admire their big bone first, then their immense weights because they are developing big like their imported sire and dams. And you will receive true old-fashioned hospital—Fred Chandler's Percheron Farm ity on your visit at CHARITON, IOWA, Just above Kansas City.

### SHORTHORNS

## Shorthorns

Choice young bulls by my 2,200-lb. Searchlight Bull. Also a few big type Poland China boars.  
A. M. MARKLEY, MOUND CITY, KANSAS

### Milking Bred Shorthorns

Coming two-year-old heifers bred to Satin Royal 377211. Serviceable bulls by Boan King and Jester. A very choice lot of bull calves by Rosewood Dale 350854. All from Wisconsin bred dams.  
LEVI ECKHARDT, 1203 E. 10th, Winfield, Kan.

## Shorthorn Bulls

6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.

L. M. Noffsinger, Osborne, Kan.

## SCOTCH and SCOTCH TOP BULLS

10 pure Scotch and Scotch topped bulls of serviceable ages. Also 10 picked Poland China boars and my herd boar A's Big Orange. Write for descriptions and prices.  
S. B. AMCOATS, CLAY CENTER, KAN.

### Abbotsford Stock Farm

30 years the home of

## Scotch and Scotch Topped Shorthorn Cattle

For Sale: 20 bulls, six to 12 months old. Roans and Reds. Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 130 head in the herd. Inspection invited. Address  
D. Ballantyne & Son, Herington, Kan.

## Shorthorn Bulls

35 bulls ranging in ages from six to 15 months old. Scotch and Scotch tops. Reds and Roans. 175 head in the herd. For prices and descriptions address,  
C. W. Taylor, Abilene, Kansas

### RED POLLED CATTLE.

**FOSTER'S RED POLLED CATTLE** Write for prices on breeding cattle.  
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

### RED POLLED CATTLE

Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see.  
CHARLES MORRISON & SON, Phillipsburg, Kan.

### RED POLLED CATTLE

Cows and heifers ranging from mature cows to yearlings that carry the best blood of the breed. To reduce my herd I am making attractive prices on choice females; I know if you want good cattle at fair prices they will please you. Call and see them or write your wants today.  
I. W. FOULTON, MEDORA, KANSAS

### JACKS AND JENNETS.

**Big Boned Jacks and Jennets**  
Herd won more prizes at Oklahoma State Fair 1914 than all others combined. One of the oldest established herds in the state. J. H. SMITH Kingfisher, Okla.

### PUREBRED HORSES.

## German Coach

70—Horses—70

The great general purpose horse. Satisfaction guaranteed. Write or call.

J. C. BERGNER & SONS, Pratt, Ks.

### Percheron Stallions and Mares

**At Woodland Stock Farm**  
35 Head from which to select. Write your wants today. Our prices talk best.

SPORR & SPORR

LATHAM, BUTLER COUNTY, KANSAS

## DAIRY CATTLE.

## AYRSHIRES

Registered bull calves cheap. If taken before December. Good enough to head any purebred herd. DR. F. S. SCHOENLEBER, MANHATTAN, KANS.

## Sunflower Herd Registered Holsteins

A number of choice young bulls all from A. R. O. dams and from proven sires and grandsires. (A good bull is a profitable investment, a cheap bull will prove a disappointment.) Buy a good one from F. J. SEARLE, OSKALOOSA, KANSAS

## Linscott JERSEYS

Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit. Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate. R. J. LINSOTT, HOLTON, KANSAS

## For Sale

35 head of 1, 2, and 3 year old Jersey heifers; fawn colors. Also a few cows; a nice lot. 2 Registered Jersey bulls. R. F. HODGINS, SILVER LAKE, KANSAS

## Registered Jersey Cattle

7 bulls from 1 to 12 mos. All solid colors by Blue Boy Baron. Also Forfarshires Fine Boy. Extra individual, 50 per cent Forfarshire blood. Cows and heifers. S. S. SMITH, CLAY CENTER, KANSAS.

## Holstein-Friesian Bulls

Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One son of 90 lb. cow and her grand dam a 101 lb. cow. HIGGINBOTHAM BROS., ROSSVILLE, KANSAS.

## BONNIE BRAE HOLSTEINS

I am offering this week 7 head of Registered heifers coming two year olds and 6 head of cows from 3 to 5 years old. Will make an attractive price on the bunch. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

## SMITH'S ISLAND BRED JERSEYS

Have won more ribbons than any other Western Herd. 75% Island breeding. 50 cows and heifers, both bred and in milk. 12 bull calves up to yearlings from great dams. J. B. SMITH, PLATTE CITY, MISSOURI (10 Miles East of Leavenworth)

## HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers, sired by Sndt Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. EAGER, R. R. No. 8, Lawrence, Kansas

## HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

## CLOSING OUT SALE of Grade Holsteins

On account of putting in Registered cattle I offer for immediate sale all the high grade Holstein cattle on our farms, consisting of about 35 heifers one year old, 60 two-year-olds, bred, and 60 three-year-olds bred to calve in the fall. Also a few good cows, as well as a dozen registered bulls ready for service. Have one load of grade Guernsey and Jersey heifers 1 to 2 years old. All tuberculin tested and in good condition and priced to sell. Write or come at once as they must be sold by December 1st. ROCK BROOK FARMS, Sta. B, OMAHA, NEB.

## SOMMER--BLADS GUERNSEYS!

TUBERCULIN TESTED. Some matured cows and young bulls by Chief Glenwood Boy of Haddon, Penwyn 2d and Flash of Penmore (A. R. 55). Address ERNEST KENYON, Nortonville, Kansas

## GUERNSEYS

I have one very choice Guernsey bull of serviceable age, out of imported sire and dam; also one six-months' old bull—very choice.

## OVERLAND GUERNSEY FARM,

OVERLAND PARK, KANSAS

## ABERDEEN-ANGUS.

FROM WORKMAN RUSSELL, KAN. Aberdeen Angus Cattle DUROC HOGS Johnson Workman, Russell, Kan.

## ANGUS CATTLE

I will sell my herd bull Rutger Heatherson 3rd, 118104 and eight coming yearling bulls; also some females, open and bred. My herd consists of animals of the best breeding, strong in the blood of the Blackbirds, Queen Mothers, Bruce Hills, Heatherblooms and Lady Jeans. W. G. DENTON, Denton, Kansas

## Aberdeen Angus Cattle

50 Females Yearlings and coming yearlings; also 50 Bulls These are the best cattle we have ever offered and priced for quick sale. SUTTON FARMS, Route 6, Lawrence, Kan.

## POLLED DURHAMS.

## Sleepy Hollow Polled Durham Cattle

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

## GALLOWAYS.

## Registered Galloways

250 in herd. 40 bulls from 5 to 18 months, sired by the 2200 lb. Carnot. Imp. breeding. W. W. DUNHAM, Doniphan (Hall Co.), Neb.

bred, large type sires and out of sows by B's Big Orange, Exemption, King Hutch, Bell Metal and other sires of note. He also has a few fall yearling boars that should head good herds. Deserving of special mention is one by Melbourne Jumbo's Equal and out of Betsy Price, by Chief Price Again and one by Schug's Great Orphan, by The Big Orphan and out of Wonder Lady, by A Wonder. Since Melbourne Jumbo's Equal is now so closely related to most of his herd Mr. Blough will also part with him. He is a sire of great merit, extra in both size and quality. Few such hogs can be found offered at any price. He can be bought far below his value. The object of this article is to impress you with the fact that this is one of the best herds in the writer's territory and if you are in need of large type breeding stock get in touch with Mr. Blough.

## Lookabaugh's Shorthorns and Polands.

H. C. Lookabaugh, Watonga, Okla., more than ever before, is in position to supply you with foundation Shorthorns. With this issue his display ad announces special prices on various combinations of breeding animals. Mr. Lookabaugh expects to sell \$20,000 worth of Shorthorns in the next 60 days and is so confident that you will buy if you are interested enough to visit his herd that he offers in this week's ad to pay your car fare back home if you do not buy. Mr. Lookabaugh also is a breeder, on a large scale, of large type Poland Chinas and at present has one of the largest and best herds to be found in the Southwest. His combined herds now number close to 600 head of purebred Poland Chinas. He has 50 head of herd sows that for size and quality have few equals. They and the sires to which they have been mated carry the blood of such sires as A Wonder, Big Hadley, Long King, Designer and others of the most noted large type strains. He is now offering choice spring boars from the large crop of last spring's farrow at prices that will surprise you considering quality. Read display advertisement in this issue.

## N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

W. E. Epley, Diller, Neb., is a Poland China breeder at that place that has the goods. He showed four head at Fairbury's stock show recently and got three firsts and one second. February 26 is the date of his big annual bred sow sale which will be held at Fairbury this time to better accommodate his Kansas friends. Keep this date in mind. The sale will be advertised in the Farmers Mail and Breeze.

S. B. Amcoats, Clay Center, Kan., is offering for sale his herd boar, A's Big Orange by old Big Orange. He is a splendid sire but Mr. Amcoats can't use him any longer. He will take a very liberal price for him and he is a good sire and will be sold guaranteed as such. He is also offering 10 selected spring boars for sale. Write him at once if interested in a tried herd boar of merit.

## Aberdeen Angus Cattle.

Sutton Farms of Lawrence, Kan., is making special prices on 100 head of choice Aberdeen Angus cattle. The offering includes 50 females and 50 bulls ranging in age from yearlings to 3-year-olds and is the best bunch of cattle ever offered by this noted Angus breeding establishment. If you can use some of these good cattle at reasonable prices write Sutton & Porteous, Route 6, Lawrence, Kan., and mention Farmers Mail and Breeze.

## Mahan's Poland China Sales.

J. D. Mahan, Whiting, Kan., is a well known big type Poland China breeder. He is making a boar sale at Whiting, Saturday afternoon, November 21, and in this sale will sell a lot of choice spring boars. February 18 is the date of his big dispersion sale at Whiting and in this sale he will sell a grand lot of bred sows, three great herd boars and a lot of choice fall pigs. This sale will be held at the farm one mile from Whiting.

## Up to Date Breeding.

Jas. W. Anderson, Leonardville, Kan., is one of the pioneer Poland China breeders. Because he has been in the business a long time does not mean that his herd is not up to date by any means. He is one of the best buyers in the country and has bought from the leading herds of Iowa and other states. He is offering the tops of his last spring boars for sale at private sale and reserving his gilts for his bred sow sale February 9. Write Mr. Anderson for prices and descriptions on his boars.

## Griffiths's New Herd Boar.

J. L. Griffiths, Riley, Kan., attended the H. B. Walter Poland China sale at Effingham, Kan., October 21 and bought the second highest priced boar in the Long Jumbo litter that sold for \$1,530; \$375 was paid for the first choice boar out of this litter and Mr. Griffiths paid \$175 for the second choice. There were many who believed that there was not that difference in the two boars. But be that as it may they were two great boars and Mr. Griffiths was certainly fortunate in his purchase. The dam was purchased by H. B. Walter in the R. W. Haldard bred sow sale last winter at \$345. This cross on King of Kansas sows will be great and that is what you will be able to buy February 18. Mr. Griffiths's annual bred sow sale. Remember Mr. Griffiths has choice King of Kansas March boars at private sale, priced to sell.

## Harter's Big Boar Sale.

This is the last call for the J. H. Harter Poland China boar sale at Westmoreland, Kan., Wednesday, November 11. The sale will be held at the farm about half way between Westmoreland and Fostoria. Those familiar with Poland China happenings of the past few years know of the high estimation in which the Harter herd of Poland Chinas is held. He sold bred sows at the Agricultural college, Manhattan, Kan., last February and the biggest crowd of breeders that ever attended a public sale in central Kansas was on hand. The average was above \$50, which was good for last season. He sells again at the college February 17 and starts the Riley county circuit in which J. L. Griffiths, Riley, A. J. Swingle, Leonardville and E. B. Merton, Clay Center, are selling. On November 11 he is offering some good, useful boars of spring farrow and a few good ones of last fall farrow. They will not be fat or conditioned for sale but in their every day clothes and Mr. Harter does

## Lookabaugh's Shorthorns

More and better Shorthorns for my customers than ever before. \$20,000 worth of pure bred Registered Shorthorns to sell the next 60 days. \$1000 properly invested in these cattle will make you rich. Come early and get your pick; we pay your car fare home if you do not buy.

Foundation stock that carry the blood of the very best Scotch families.

2 heifers and a bull — milking strain, not related —\$250.

2 fresh milk cows, calf at foot and rebred—milking strain—\$350.

## THE FARMER'S COW



Strong in the blood of the most noted sires of the breed.

8 head of heifers, milking strain and Scotch herd bull all for \$1,000.

A car load of rugged young bulls, \$100 to \$150 each.

## A WORD TO MR. BREEDER

It is easy to increase the value of every Shorthorn you raise from \$10 to \$30, simply by using a better breeding bull. Stop and figure what this means even on the first crop of calves, whether you have 5 or 50 breeding cows and heifers in your herd. I have never before had such splendid herd bull material from which to select. I want to place these bulls where they will do the most good. The success of those who buy these herd bulls will prove more than all my prize winning and show ring honors my ability as a breeder. Come and see them, you will say with others they are the greatest bunch of herd header material you ever saw on any farm.

CALL ON OR WRITE

H. C. Lookabaugh, Watonga, Okla.

## Reduction Sale of Shorthorns

Come to Doyle Valley Stock Farm



## 175 Head of Shorthorns

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All kinds of Shorthorn Breeding Stock from which to select—Cows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Oderic and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Fe Depot. Yours for business,

M. S. CONVERSE, Peabody, Kansas

## HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The sire and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the southwest. Visitors welcome; call or write today.

Clyde Girod, Towanda, Kansas

## HEREFORDS.

Polled Hereford Bulls of serviceable ages. 75 Rock cockerels. Write W. C. MUELLER, Hanover, Kan.

## SEDLACEK HEREFORDS

14 bulls from 6 to 16 months old for sale. Mayle Lad 34th 397607 by the International Champion, Borne Brae 8th in service. Cows by Beau March On 137563; Beau Mystic 179920; Beau Mystic 47th 332162 and Casey 279648. Write us your wants. J. F. SEDLACEK, BLUE RAPIDS, KANSAS

## Marshall County HEREFORDS

Ten 2-yr. olds and 23 yr. heifers for sale. Write for breeding, descriptions and prices. Polands: 70 early spring pigs, both sexes at private sale. Big and smooth and priced to sell. S. W. FILLEY, Irving, Kansas

## Clover Herd Herefords

Headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.

F. S. JACKSON, Topeka, Kansas

## O. I. C. HOGS.

## O. I. C. PIGS

Profile Type; Registered. ED KRAUS, HAYS, KAN.

## O. I. C. FALL BOARS REGISTERED FREE.

HENRY KAMPING, ELSMORE, KANSAS.

## O. I. C. BOARS THAT ARE EXTRA GOOD.

HARRY W. HAYNES, MERIDEN, KANS.

## O. I. C. HOGS.

O. I. C. Swine If you want the best in the popular breed write Quinton M. Bradshaw, La Harpe, Illinois.

## O. I. C. FEB. AND MARCH PIGS

at \$15 and \$20. Booking orders for August and September pigs. A. G. COOK, WALDO, KAN.

## WESTERN HERD O. I. C. CHOICE SPRING

boars and gilts for sale. Also 100 September and October pigs, both sexes at \$10 to \$15 each. F. C. GOODIN, RUSSELL, KANSAS.

## SunnySide Herd O. I. C.

80 Spring pigs both sex, pairs and trios not related, best of breeding, priced right. W. H. LYNCH, Reading, Kan.

## Grandview Stock Farm

25 O. I. C., March and April, boars and gilts. Special prices for the next thirty days. ANDREW KOSAR, Delphos, Kan.

## Immune Chester White Boars

The first check for \$20 gets choice of 25 boars we offer for sale, fine pigs, F. O. B. EDW. ROSS & SON, WHITE HALL, ILL.

## O. I. C. Bred Sows and Gilts

A few tried sows and gilts, bred for fall farrow. 150 spring pigs with size and quality, also a few boars ready for service. Write for prices. JOHN H. NEEF, BOONVILLE, MISSOURI

## MAPLE GROVE O. I. C's

L. B. SILVER CO.'S STRAIN.

|                        |         |
|------------------------|---------|
| 2 to 3 months old..... | \$10.00 |
| 3 to 4 months old..... | \$12.50 |
| 4 to 5 months old..... | \$15.00 |
| 5 to 6 months old..... | \$17.50 |
| 6 to 7 months old..... | \$20.00 |
| Service boars.....     | \$22.50 |
| Bred gilts.....        | \$25.00 |

F. J. GREINER, BILLINGS, MISSOURI

## HAMPSHIRES.

**Registered Hampshires** Choice boars and gilts, well marked. A. S. Swanson, Winfield, Kan.

**Registered Hampshires** Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWEY, OXFORD, KANSAS

**Hampshire Boars and Gilts** at close prices. Registered. Also 50 pure bred Buff Leghorn Cockerels. F. E. Wompe, Frankfort, Kan.

**For Sale: Pedigreed Hampshire Boars, all ages** a few tried sows and some gilts, best breeding. All chaffers immune. Write for prices today. This ad will appear but 3 times. E. G. L. Harbour, Baldwin, Kan.

**HAMPSHIRES** Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. S. E. SMITH, LYONS, KANSAS.

SUNNY SLOPE FARM  
HAMPSHIRES

Fall pigs now coming—orders booked, 3 for \$50.00. A few spring pigs good enough to show at \$25.00 and \$40.00. Also three bred sows. I guarantee to please you or adjust any difference to your complete satisfaction. FRANK H. PARKS, Olathe, Kansas

## BERKSHIRES.

**Hazlewood's Berkshires** Choice boars and gilts, all ages; priced to sell. W. O. HAZLEWOOD, WICHITA, KANSAS

**J. M. NIELSON, MARYSVILLE, KAN.** Prime winning Berkshires this season. March and April boars and gilts at \$25 each to sell them quick. Address as above.

**Walnut Breeding Farm** BERKSHIRE boars and gilts, spring farrow, grandsons of Barrow Duke 50th, Big Crusader and Masterpiece 72000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Leon Watts, Winfield, Kan.

**Private Berkshire Sale** 10 Aug. and Sept. boars at \$25 to \$50. 70 March and April pigs by three noted show boars. Dutchess and Imp. Baron Compton dams. Address H. E. CONROY, NORTONVILLE, KAN.

**Outstanding BERKSHIRES** PRICED TO SELL. We make a specialty of developing foundation stock for the best breeders. 15 spring and 2 yearling boars, also 30 spring gilts and 20 bred and open sows now ready to ship. J. T. BAYER & SONS, YATES CENTER, KANS.

## BERKSHIRES

for show and utility purposes. Write for prices, describing your wants, and get a photograph of the animal quoted you and thus have some idea of what you are going to get for your money.

Kiesler Farm, Perryville, Mo.

**Special Offering**



**Sutton Farm Berkshires**

125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.

**SUTTON FARM KANSAS**

## DUROC-JERSEYS.

**WOODDELL'S DUROCS** Herd headed by Rex E. Nuff by Good E. Nuff Again King and brother to Oley's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed. G. B. WOODDELL, WINFIELD, KANSAS

**PRIVATE SALE OF DUROC-JERSEYS** 6 choice spring boars, 25 spring gilts, 15 fall yearling gilts sired by Royal Wonder. Am pricing the tops and will sell gilts open or bred at reasonable prices. Write for descriptions. D. S. COCHRAN, LINCOLN, NEBRASKA

**SCHWAB'S Duroc-Jersey Hogs** 150 head for the season's trade. Both fall and spring boars and females of all ages. Choice individuals of best breeding. Also Red. Geo. W. Schwab, Clay Center, Neb.

**Select Chief, The Grand Champion** this fall at Hutchinson and Oklahoma City. We won 25 ribbons at the two shows. All our top spring boars at private sale. Write for particulars and prices. THOMPSON BROTHERS, Garrison, Kansas.

**SIZE and QUALITY DUROCS** A choice lot of spring pigs. Pairs, trios, and young hogs unrelated, also fall gilts. B. & C's Col. Superba, Defender, Perfect Col. and Ohio Chief blood lines. Description guaranteed. John A. Reed, Lyons, Kan.

## BANCROFT'S IMMUNE DUROCS

We hold no public sales; nothing but the best offered as breeding stock. Choice spring boars, also gilts, open or bred to order for spring farrow. Customers in 13 states, satisfied. Describe what you want. We have it. B. O. BANCROFT, OSBORNE, KANSAS

not expect fancy prices for them. If you need a boar here is a good chance. Come or send your bids to J. W. Johnson in care of J. H. Harter, Westmoreland, Kan. Free hotel accommodations and free conveyance to and from the farm.

## From Good Foundation Stock.

This is the last call for the J. B. Duncan Duroc-Jersey sale at the farm near Shipsh, Kan. (Myers Valley). Tuesday, November 10. It is a big sale and over 80 head of purebred Duroc-Jerseys will be sold. The foundation of this herd is choice sows bought from the Agricultural college herd at Manhattan two years ago and in other leading sales. It is a good, honest offering that has not been highly conditioned but is in the best possible condition to do the buyers good. The balance of the offering will consist of 40 spring sows sold in lots to suit purchasers and fall pigs of about the same number sold in the same way. Mr. Duncan is a reliable and trustworthy young man who is building up a good herd. Come to St. George or Westmoreland and you will find free hotel transportation to and from the farm. If you can't come send bids to J. W. Johnson of this paper in care of Mr. Duncan, Shipsh, Kan. Catalogs ready to mail.

## Polled Hereford Bulls.

W. C. Mueller, Hanover, Kan., breeds Polled Hereford cattle and has some choice bulls of serviceable age for sale. They are by Polled Horace 38045 and out of choice cows in Mr. Mueller's herd. Everything is eligible to registry in both books and is of the best of breeding. The foundation of this herd came from the Fred Crotwell herd at Irving, Kan. The writer visited Mr. and Mrs. Mueller in their fine country home a short distance from Hanover last week. Their big Washington county farm of 640 acres is as well improved as any farm the writer has been on in a long time. Both Mr. and Mrs. Mueller are very much interested in good stock of all kinds. They raise purebred Barred Rocks of the best strains and have at present 75 big farm raised cockerels that are well marked and extra choice. Many of them are exhibition birds and would prove winners in leading shows. They are for sale at reasonable prices. Write them about Polled Hereford bulls or Barred Rock cockerels. Look up their advertisement in the Hereford cattle section.

## They Offer Duroc-Jerseys.

Howell Bros., Herkimer, Kan., are Duroc-Jersey breeders who sell their boars with a very strong guarantee. They hold annual bred sow sales but sell their boars at private sale. Their bred sow sale last February was one of the best of the season and they are selling again this winter in a circuit which starts with the Agricultural college at Manhattan February 9; Thompson Bros., 19; Samuelson Bros., 11; and Howell Bros., 12. They are holding all of their top gilts for this sale and are offering only their top boars for breeding purposes and are making attractive prices on them. The large percentage of them are by their herd boar Royal Climax, second prize winner at the American Royal last year. Others are by Revelator, a son of Queen Mary, grand champion sow of Kansas in 1913. A few are by the grand champion boar, Perfect Colonel, and out of Model Top sows. Almost all of these boars are out of big mature sows that made their herd popular. Look up their advertisement in this issue of the Farmers Mail and Breeze and write them. Mention their advertisement in this paper.

## Makes Sales Anywhere.

Col. L. R. Brady, Manhattan, Kan., is a Kansas livestock auctioneer who has a reputation as a salesman all over the United States. He was recently called to Orange, Va., to make a two days' sale of Hereford cattle and the average on these cattle was something over \$300. There are few men in Kansas better posted on all kinds of purebred stock than Col. Brady. When the writer was in his office recently he "jolted" me by exhibiting a card index system for keeping tabs on the Poland China business in Kansas that was the most complete I ever saw. He has the dope on every herd boar or herd sow of any note in the state and can give you the fullest information about any breeder and his herd in the state. He will manage a combination sale of high class Short-horns at the Agricultural college January 15 and will be pleased to hear from anyone having high class cattle to consign. He will also manage a combination sale of Angus cattle at the same place January 21. In this sale the college will sell about half of the offering and Col. Brady desires to hear from Kansas Angus breeders having something good to sell. Write him for full information and terms.

## S. E. Kansas and S. Missouri

BY C. H. HAY.

## Prichard-Martin Sale.

The Prichard-Martin sale at Walker, Mo., was a very satisfactory one considering conditions. There was a good crowd of local men present and they took most of the offering at a fair price. The fact that the herd had not been vaccinated perhaps kept several breeders from a distance from buying. The sows were the best sellers and made an average of nearly \$25. Following is a list of buyers:

|                               |         |
|-------------------------------|---------|
| 1—L. Ellis, Harwood, Mo.      | \$35.00 |
| 2—J. C. Margulis, Walker, Mo. | 45.00   |
| 3—E. M. Procter, Walker, Mo.  | 41.00   |
| 4—W. E. Hoffman, Walker, Mo.  | 28.00   |
| 5—R. L. Leedy, Walker, Mo.    | 38.00   |
| 6—J. R. Young, Nevada, Mo.    | 28.00   |
| 7—W. A. Baker, Butler, Mo.    | 25.00   |
| 8—H. F. Ross, Walker, Mo.     | 31.00   |

## The Average Too Low.

The W. Z. Baker sale was not up to expectations. The sale was very poorly attended, mainly an account of that neighborhood being swept with cholera. Under ordinary conditions Mr. Baker can hardly handle his crowds. The average was about \$25. The top of the sale was No. 15, going to Jas. Blaine of Lebanon, Ind., at \$45. Following is a list of the buyers:

|                                         |         |
|-----------------------------------------|---------|
| 3—D. S. Shelton, Excelsior Springs, Mo. | \$22.00 |
| 5—W. W. Shivers, Rich Hill, Mo.         | 20.00   |
| 9—J. E. Roe, Rich Hill, Mo.             | 27.00   |
| 14—W. O. Fitchard, Walker, Mo.          | 40.00   |
| 15—Jas. Blaine, Lebanon, Ind.           | 46.00   |
| 16—S. E. White, Blue Mound, Kan.        | 39.00   |
| 47—Jos. Bower, Rich Hill, Mo.           | 36.00   |
| 50—P. M. Anderson, Lathrop, Mo.         | 28.00   |

## DUROC-JERSEYS.

## DUROC-JERSEY—O. L. C.

boars, both breeds of March farrow at \$12.50 to \$20. Satisfaction guaranteed. J. M. Layton, Irving, Kan.

## IMMUNED DUROC-JERSEYS

Best of blood lines. Big type. Plenty of all ages. Prices right. Guaranteed. MODER & FITZWATER, GOFF, KANSAS.

## Smith's Durocs

Yearling gilts, by Smith's Graduate, others by Tattler, by Defender, bred for September litter. Spring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

## DUROC-JERSEY BOARS AND GILTS

100 head both sex and pairs not related, sired by Van's Crimson Wonder and Iowa Chief. GARRETT BROS., STEELE CITY, NEBRASKA

## BARGAINS IN DUROCS

Bred sows and gilts. Good thrifty spring boars and sow pigs. Our prices will suit you. C. B. WOOD & SON, ELMDALE, KANSAS

## H5 Rich Bred, RICH RED DUROCS

14 March boars, the tops, nice growthy fellows not fat, weight 125 lbs. to 160 lbs., and Red. Cheap for quick sale. TYSON BROS., McALLISTER, KAN.

## Durocs Immune

Duroc males for sale at twice their market value per lb. Guaranteed immune and breeders. Inspection before you pay. F. C. CROCKER, FILLEY, NEBR.

## Duroc-Jersey Bred Sows

Fall Yearlings, bred to Advance. Extra individuals, 16 or 12 choice last October gilts. Also bred sows open and yearling and spring boars. Will ship on approval. Bed rock prices for quick sale. W. B. ALBERTSON, LINCOLN, NEB., Route 7.

## November Boar Bargains

12 big stretchy fellows that can't help pleasing you. Also gilts same age bred to order. Also a few bred sows. Everything guaranteed. J. E. JACKSON, KANSAS, KANSAS.

## Quivera Herd Durocs

Spring pigs all sold, am now taking orders for fall pigs which will arrive August 15th to October 1st. E. G. MUNSELL, Route 4, Herington, Kan.

## Good E. Nuff Again King.

Grand Champion. Crimson Wonder 4th, second, Kansas State Fair 1913. Oley's Cream, Junior champion Kansas State Fair 1914. Herd boars and grand champion prospects for sale. W. W. OLEY & SONS, WINFIELD, KANS.

## Bonnie View Stock Farm

For Sale: March and April boars and gilts by Tat-A-Walla and Jayhawk Crimson Wonder. Also 16 or 12 choice last October gilts, either bred or open. SEARLE & COTTLE, BERRYTON, KANSAS

## Illinois Durocs For Sale

Eight high class spring pigs and ten fall gilts by Chief Selection and Professor King. We do our own breeding and handle nothing but our own stock. Get prices. WM. SCHLOSSER, HENRY, ILLINOIS.

## 60 Pigs, Private Sale

Sired by Freddy M (1,400 pounds) and Harley, by Regulated, by Regulator. Good herd boar material. Address F. M. CLOWE, GIRCLEVILLE, KANSAS

## Duroc-Jersey Boars

A few choice spring boars ready for service from sows strong in Tatterax and Ohio Chief blood and by a son of B. & C's Col. Also one of my herd boars, priced for quick sale. JOHN HARTMOLD, JR., PARKRIDGE, KAN.

## ASH GROVE DUROCS

Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed. PAUL SWEENEY, BUCKLIN, KANSAS.

## 17 MARCH BOARS

Sired by Wylie's Good Enough, by Good Enough Again King, the grand champion boar last season. Extra values in this offering. Satisfaction guaranteed. A. L. WYLIE & SON, CLAY CENTER, KANSAS.

## 1000 Pound DUROCS

We have the frames for this weight. For years I have bred for size. One hundred spring pigs for sale. Do you want one or more? J. COLLINGWOOD, Kewanee, Ill.

## Royal Scion Farm Durocs

The Great Graduate Col. Col. Scion and Gano's Pride head this herd. Extra choice fall and spring boars. Their dams are our best matured tried sows. G. C. NORMAN, Route 10, WINFIELD, KAN.

## 25 Choice Duroc-Jersey Boars 25

Priced so the farmer can buy them. Type and quality that add size and vitality to a herd. The blood of champions. I also have registered saddle stallions for sale, from colts up to 4 year olds, sired by Rex McDonald and Astral King, the two champion saddle stallions of the world. Write for prices, mentioning The Farmers Mail and Breeze. R. W. TAYLOR, OLEAN, MISSOURI.

## BALDWIN DUROCS

## BIG TYPE UNPAMPERED BERKSHIRES

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Trusttype, King's Trusttype, and the great show boar King's 4th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts in farrow soon. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, BURLINGTON, KANSAS.

## DUROC-JERSEYS.

**DUROC BOARS AND GILTS** and Fall Pigs. Special low prices this month. A. G. DORN, OSAGE CITY, KANSAS

## CAMPBELL'S DUROCS

A few fall gilts, also spring pigs—the handsome, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed. A. T. CAMPBELL, MARION, KANSAS

## Twenty-Two Duroc Boars

Both fall and spring farrow, sired by Country Gentleman, Golden Model 3th and other excellent sires. Splendid individuals and bred good enough for anybody. All guaranteed immune and priced worth the money asked. Write W. A. Huston, Ameriors, Kan.

## Thompson's Duroc-Jerseys

Fifty spring male pigs now ready for shipping. All the first class breeding known to Duroc-Jerseys in our herd. We breed more than blood, we go our length on individuality. W. H. & GEO. E. THOMPSON, COLUMBIA, MO.

## Illinois Duroc-Jersey Pigs

By Chief Selection 124823, Pal. 44543, Prof. King 25481. Out of sows just as well bred. Have a great lot of strong husky March males priced right. W. L. STONER, HENRY, ILLINOIS

## Marsh Creek Herd DUROCS

Choice boars by Crimson Defender, Immense boars for the farmer at farmer's prices. Write for descriptions and prices. RALPH P. WELLS, FOREMOSS, KANSAS

## TATARRAX HERD DUROCS

No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. Everything immunized by double treatment. Write today. GUSKINK & NEWTON, Newton, Kan.

## Maplewood Durocs

No fall sale but special prices for a while on top spring boars and a few choice fall boars. Write us your wants. MOTT & SEABORN, HERINGTON, KAN.

## BRED GILTS

Yearling gilts, growing and thrifty, bred for late summer and early fall farrow, to a good sire of Col. Chief breeding. Prices reasonable. HAROLD P. WOOD, ELMDALE, Kan.

## HOWE'S DUROCS

Fall pig, gilts, out of most prolific sows of breed. Spring boars and gilts by J. U's Model by Model Duroc, half bro. of Hutchinson State Fair champion; special low prices on spring boars ready for service. J. U. HOWE, WICHITA, KANSAS

## Special For 30 Days

1 herd boar, by Model Top; 3 tried sows, open; 25 spring boars; 40 spring gilts, also fall pigs. All immunized by the double treatment. R. C. WATSON, ALTOONA, KAN.

## SHEPHERD DUROCS

Ohio Chief, Col. and Good E. Nuff Again King blood lines. Choice from large litters, spring and winter boars good enough to please the breeder and at farmer prices. G. M. SHEPHERD, Lyons, Kan.

## Hillcrest Farm Durocs

Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914. Good boars at farmers' prices. All immune. E. N. FARNHAM, Hope, Kans.

## 50 Duroc-Jersey Boars

The actual tops from the 375 pigs of March and April farrow. Sired by five different boars. Up to date breeding and well grown. Farmer's prices quoted. No fall sales. Write SAMUELSON BROS., OLBURN, Kan.

## Private Boar Sale

Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed. HOWELL BROS., Herkimer, Marshall Co., Kansas.

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## SHEEP.

**Registered Hampshire Rams**

30 choice rams sired by Imported Baron Hampshire. They are large, rugged fellows with strong, thick backs.

SHERWOOD BROS., SHELBYVILLE, MO.

**Hampshire Down Sheep**

Fifteen ewes and fifteen rams; best of breeding. Large and rugged; the kind that go out and make good. Priced right.

H. W. GARNETT, LEONARD, MISSOURI

## MULE FOOT HOGS.

**"Mule Footed Hogs"**

The coming hogs of America. Hardy, good rustlers. Pigs 10 to 16 weeks old \$30 per pair. Circular free.

J. B. DICK, LABETTE, KANSAS

## POLAND CHINAS.

**Spring Brook Stock Farm**

For sale: Poll Durham Bulls and Poland China boars. Write me for prices. T. M. WILLSON, Lebanon, Kan.

**SPECIAL OFFER** of 100 big type Poland Chinas. All sired by the leading blue ribbon and grand champion boars. Write for prices. W. Z. BAKER, Rich Hill, Missouri.

**Spring Boars**

By the champion Smuggler priced for quick sale. J. B. MYERS, Galva, Kan.

**Poland Chinas** with size and quality herd boars King Hadley, Chief Giant and Long Look. Cholera immune. Stock for sale. LAMBERT BROS., SMITH CENTER, KAN.

**12 Spring Boars** A Wonder, Corrector, Hadley, Contractor blood. \$16 each if taken soon. Can give pedigree. J. A. LOVETTE, MULLINVILLE, KANSAS.

**POLAND CHINA BOARS**

of March farrow for sale. Prominent breeding. Prices will suit. Address Sam Heron, Ponokee, Graham Co., Kan.

**POLAND CHINAS** Big type, long bodied, smooth, prolific, pedigree. All ages. Satisfaction guaranteed. DAVIS BROS., BOX 7, LINCOLN, NEB.

**J. F. Foley, Oronoque, Kan.** (NORTON COUNTY) 25 Early Poland China Boars. Big kind. Prices right. Address as above.

**Strauss' Big Poland Chinas**

Six last fall boars and 18 spring boars by Model Wonder (900 pounds) and Blue Valley Chief by Blue Valley. Write me your wants. O. R. STRAUSS, MILFORD, KANSAS

**Immune Poland Boars**

The best we ever raised sired by Wonder's Choice, Taxpayer II and Blue Valley Giant. Early farrow. No culls. G. A. WIEBE, BEATRICE, NEBRASKA.

**Pawnee Crimson 117813**

by Crimson Wonder 3rd. Spring and last fall boars for sale by three different boars. Priced to sell. DANA D. SHUCK, BURR OAK, Jewell Co., KAN.

**Fall and Spring Boars For Sale**

12 November boars; big, stretchy fellows. Smooth and all right at \$25 and \$30 each. 25 spring boars sired by Sterling by Brookside by Major Hadley and out of sows good enough for anybody's herd. Write your wants. A. L. ALBRIGHT, Waterville, Kan.

**BECKER'S Poland Chinas**

65 early spring pigs from large even litters, descendants of A Wonder, Big Hadley and Progression. Price and pigs will both please you. Pairs and trios at reduced prices. Satisfaction guaranteed. J. H. BECKER, NEWTON, KANSAS.

**Elmo Valley Big Type Polands**

I am ready to make you prices on pigs of both sexes. March farrow. The 700 and 800 pound kind. Everything immune. Satisfaction guaranteed. J. J. HARTMAN, Elmo, Dickinson County, Kan.

**Big Orange Again and Gritters Surprise**

Early spring boars. Herd header material at reasonable prices. Write for descriptions, breeding and prices. A. J. SWINGLE, LEONARDVILLE, KAN.

**Poland China Bred Gilts**

15 September gilts bred for September farrow for sale. Also a few choice boars of same age. Popular big type, breeding. Gilts \$25 to \$35. Boars \$20 to \$25. JAS. ARKELL, Route 4, JUNCTION CITY, KANSAS

**KLEIN'S BIG POLANDS**

Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

**Alfred Carlson's Spotted Polands**

Immune Original Big Bone Spotted Poland China boars for sale. Also fall pigs. Gilts reserved for bred sow sale Feb. 24. ALFRED CARLSON, Cleburne, Kan.

**70 MARCH AND APRIL BOARS AND GILTS**

No public sales. Everything at private sale. Write for descriptions and prices. Satisfaction guaranteed. JOE SCHNEIDER, NORTONVILLE, KAN.

**Poland Chinas that Please**

Fall and spring boars, fit to head herds, also sows of all ages. Prices right. Write us your wants. P. L. WARE & SON, PAOLA, KANSAS.

**Sheehy's Big Type Polands**

15 big stretchy, fall boars; some choice bred sows and gilts; also a hundred head of big growthy spring pigs of either sex at reasonable prices. ED SHEEHY, HUME, MISSOURI

## Illinois and Indiana

BY ED. R. DORSEY.

W. R. Zahn of Concord, Ill., had a nice little Poland China sale October 24, when he sold 46 head of spring pigs at an average of \$34. The offering was a little thin in flesh but was so good that the buyers took hold and we believe every animal will go out and make good. The sale was conducted by Col. W. B. Duncan of Iowa and Col. Charlie Taylor of Illinois.

## A Very Fair Average.

J. L. Moseley, of New Boston, Ill., breeder of Poland China hogs, had a very successful sale at Keithsburg, October 26. The 48 head brought \$1,632.50, an average of \$34. The 23 males averaged \$30.33 and the 25 gilts averaged \$37.40. The offering was pronounced by many to be among the very best so far this season and the herd boar Big Orange Mac, entered in the higher order of producers and gained respect with the visitors. Those who visited the Illinois State Fair and saw his brother win the grand champion prize were of the opinion that he was no better hog than Big Orange Mac and some ventured to say he was the best hog they ever saw by Big Orange. The sale was conducted by Col. W. B. Duncan, Col. Ira Cottingham and Col. Boultinghouse. The bidding was prompt and often four sows were sold as a young herd and were bought as readily as if only selling one but the buyers were very conservative. Number 1, a very fine male pig, farrowed February 26, 1914, by Big Orange Mac topped the sale. He was purchased by John Sheariff of Keithsburg for \$75 which was about half his real value.

## Nebraska

BY JESSE R. JOHNSON.

Irvin E. Wilson, Shorthorn breeder of Belvidere, Neb., authorizes us to claim December 18 as the date for a sale. The milking qualities of this herd have been developed and records made from time to time. The cattle are handled under the most natural conditions and for several years have been tested regularly for tuberculosis. The offering will be one that should interest the farmer wanting to produce both beef and milk. Write for catalog. Please mention this announcement when writing.

## Sold Fifty Poland Boars.

No better recommendation is needed for a firm than the fact that they can catalog and sell to the good farmers of their locality and outlying territory, 50 head of boars at one sale. Fifty men bought boars at Albert Smith & Sons' sale held on October 28, and every buyer got his money's worth and went away knowing that this was not his last visit to the Smith farm. The 50 boars and 10 spring gilts sold for \$2,000, lacking just a little, or \$32.50 a head. The top price paid for a boar was \$65, paid by Maddicks and Stewart of Spring Branch, Neb. About one-third of the offering went to Kansas, the remainder to Nebraska. Col. John Brennen of Esbon, Kan., did the selling, assisted by W. C. Henderson of Superior, Neb.

## Publisher's News Notes

## Fine Irrigated Land Offer.

On page 17 appears the new announcement of the Elephant Butte Water Users' association of Las Cruces, N. M. It's worth careful study. The proposition is a large one and a good one. The great dam is nearly done. It is practically endorsed by the government itself. It will repay investigation. Write for facts to the Elephant Butte Water Users' association, Box 70, Las Cruces, N. M.

## Recruits for the Kitchen.

A manufacturer who doesn't make the most of his by-products in these days of efficiency is considered behind the times and sooner or later makes friends with the sheriff. The motto is, "Nothing to the scrap-heap." The housewife who doesn't realize the value of left-overs is not doing her share toward keeping down the high cost of living. There is no lack of information as to what to make. The women's publications devote pages to recipes for dishes for the morning after. Delicious things, too, for a good cook's feeling for economy can produce combinations that make you sorry there weren't more things to be "used up." What every woman wants to make easy her cooking of these left-overs are food and meat choppers. Any attempt to do by hand what these remarkable little time and temper savers do is as ineffective as putting a china egg in an incubator. The best food choppers made bear the famous Keen Kutter trade mark. They are on sale wherever good kitchen utensils are known. They are made as well as food choppers can be made and unreservedly guaranteed. They never get tired so long as there is any work to do and every revolution does its duty. Look them over today. They were made for you, not your dealer. See the Keen Kutter ad on page 8.

**Farmers Mail and Breeze Pays Advertisers.**

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I wish to thank you for your extra service. The Farmers Mail and Breeze surely gets results.

Yours very truly, A. B. WILCOX, Breeder of Holstein Cattle, Abilene, Kan., Oct. 19, 1914.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—We wish to thank you for selling all of our fall Duroc-Jersey boars as well as several of the weanling pigs.

Yours very truly, C. D. WOOD & SON, Breeder of Duroc-Jerseys, Elmdale, Kan., June 8, 1914.

Every week for years the Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

## POLAND CHINAS.

**Big Bone Polands and Herefords**

At Forrest Dale Stock Farm. Bulls and boars for sale. Since you have the money and we have the stock, why not trade?

C. J. LUNDGREN, MAGNOLIA, ILLINOIS

**Success Stock Powder**

Corrects indigestion, removes worms, is an appetizer and is absolutely the best conditioner on the market. It is an honest stock conditioner and sold at a fair profit. For reference, testimonials and prices, DOUGLAS & SON, MANHATTAN, KAN. FARM AGENTS WANTED.

**Lone Cedar Polands**

16 early spring boars, 16 early spring gilts. No public sales. These are my tops and go at fair prices. Big type and well grown. Address, A. A. MYERS, McLOUTH, KANSAS

**We Are Booking Orders**

Now for a few real classy Big Type Poland Chinas at the EVERGREEN STOCK FARM. Write and get our prices.

E. E. CARVER & SON, GUILFORD, MO.

**FULKERSON'S BIG TYPE POLANDS**

50 serviceable males weighing from 165 to 300 pounds and 175 pigs, either sex, for sale. They are by Ben's Son and Oronoka and out of sows by A Wonder, Bell's Price, etc. 30 registered Shropshire rams.

F. D. FULKERSON, BEIMSON, MISSOURI

**ENOS' Big Type POLANDS**

30 head of fall and spring boars, 40 head of sows and spring gilts by Orphan Chief and Major Hadley. Out of Knox-All-Hadley and A Wonder's Equal dams. All strictly big type. Private sale only. Write for prices. A. R. ENOS, RAMONA, KANSAS.

**King of Kansas**

20 March boars, tops of my entire spring crop. All by King of Kansas. Private sale. Prices that will sell them. Address, J. L. GRIFFITHS, Riley, Kan.

**Jumbo Herd Poland Chinas**

Up-to-date big type breeding. Top spring boars for sale. Gilts reserved for Feb. 9 bred sow sale. Write

JAS. W. ANDERSON, Leonardville, Kan.

**J. H. Harter's Poland China Fall and Spring Boars**

Fall boars by Gephart, Mogals Monarch and Long King. March and April boars. Write for prices. J. H. HARTER, WESTMORELAND, KAN.

**Liberty Hill Poland Chinas**

Herd headed by IMPROVEMENT and GRAND LEADER 2nd; big, easy feeders. Herd sows are large, broody, prolific. Choice spring pigs. Also SCOTCH COLLIES. I guarantee satisfaction.

BEN FRANK, JEFFERSON CITY, MO.

**MT. TABOR HERD POLANDS**

I am offering the tops of my 150 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want.

J. D. WILLFOUNG, ZEANDALE, KANSAS.

**ROBINSON'S Mammoth POLAND CHINAS**

We offer 100 February, March and April pigs of both sexes, at reasonable prices and on liberal terms. Pairs and trios not akin. They have heavy bone, great length, depth and thickness and show ring quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our expense and you are not out a cent.

**Blough's Large Type Polands**

**Big Growthy Spring and Yearling Boars,** good enough to head a breeder's herd and at prices any farmer can afford. Big, stretchy spring gilts, also a few tried sows and fall yearling gilts will be sold bred for early spring farrow. Come and see these hogs. If you are disappointed in their size or quality when you see them I will pay your car fare home. Yours for business and at prices we both can afford. Write your wants today.

JOHN BLOUGH, BUSHONG, KANSAS.

**BIG LITTER, Half Ton Quality POLANDS**

No public boar sale but the grandest lot of March boars you ever saw for private sale. Everything immune. Sired by Blue Valley, Blue Valley's Orange and Columbus Wonder. I have pleased Kansas breeders for over 20 years and can please you. Address

THOS. F. WALKER & SON, ALEXANDRIA, NEBRASKA

**Both Large and Medium Type Polands—300 Head**

Great big, stretchy, spring pigs from mammoth sows, the kind that have show type and yet with abundance of size. We want to sell only the kind that will please you and at prices that will make you buy more. Write today.

Olivier & Sons, Danville, Kan.

**DOOLEY'S SPOTTED POLANDS**

Etterville Breeding Farm, home of the old original spotted Poland Chinas. I am selling spring pigs, either sex, sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from.

EDGAR DOOLEY, EUGENE, MISSOURI

**LOOKABAUGH POLAND CHINAS 600 Head. Best of Large Type Breeding.**

A Wonder, Hadley, Long King, Designor and other noted blood lines. A few good sows and gilts will be your best help in paying the rent or "lifting the mortgage."

**LIVE UP TO YOUR OPPORTUNITY**

Not only Europe but our own country will soon be short on meat, shorter than ever before. Buy before the rise. Get a few good sows and gilts and a male to mate. Be ready for the high prices that are sure to come. Over a hundred choice spring boars from which to select. I guarantee satisfaction or money refunded. Write today.

H. C. LOOKABAUGH, Watonga, Oklahoma

## POLAND CHINAS.

**HERD BOAR FOR SALE**

Sure A Wonder 61339, farrowed Feb. 24, 1911. Sure A Wonder by Fesenmyer's A Wonder 47460, one of Iowa's greatest breeders. Sure A Wonder's dam is Miss Glantess 121371. This hog is a breeder and will weigh about 700 lbs. in good breeding condition. I have a nice lot of his sows and he is sold for no fault. Send me a bid. C. R. MILLER, ATCHISON, KAN.

**Hamilton's Mammoth Poland Chinas**

Herd headed by Longfellow 65228, by Ideal, by Smooth Wonder, by A Wonder. Dam, Lady Mastodon C138638. A few extra large fall yearling boars and out of such sows as Choice Wonder, by Long Chief Choice, by King Mastiff, Orange Pride, by Orange Peter. Granddaughters of Long Wonder, Smooth Wonder, Long Price, Queen Glantess and others. Two immense fall yearling boars by Columbus, out of A Wonder sows. There are several 1,000-pound prospects in this bunch.

HAMILTON & SONS, WELLSVILLE, KAN.

**Mammoth Orange**

By Big Orange is the sire of my March boars and gilts, out of sows by Expansion Too. They are big boned, wide headed, with long bodies; are easy feeders and are well grown out. They combine the best blood in big type Poland China breeding. Weights and descriptions guaranteed. Tops \$30, cracking good ones for \$25 and a few at \$20.

F. S. COWLES, Route 2, Lawrence, Kan.

**PRIVATE SALE**

95 Feb., March and April pigs at private sale. Satisfaction guaranteed. No public sales. Big type with quality. Write for descriptions and prices.

JOHN COLEMAN, Denison, Kan.

**Erhart's Big Type POLANDS**

See the largest hog on exhibition this year. Robidoux 59527, weight 1200 pounds, at Hutchinson, Oklahoma City and Muskogee Falls. Young stock for sale at all times.

A. J. ERHART & SONS, Ness City, Kansas

**30 Extra Choice March Boars**

(PRIVATE SALE)

I bought top sows in three states last winter and these boars are from popular sires and dams. They are extra choice individuals. Prices reasonable.

E. E. MERTEN, CLAY CENTER, KAN.



GRAND CHAMPION SMUGGLER.



GRAND CHAMPION SMUGGLER.



GRAND CHAMPION SMUGGLER.

# Dependable Power For Every Purpose At Lowest Cost



## NOTE THESE LATEST WITTE PRICES:

Liberal 5-Year Guarantee  
On Efficiency and  
Durability.

### Stationary

|        |          |
|--------|----------|
| 2 H-P  | \$ 34.95 |
| 4 " "  | 69.75    |
| 6 " "  | 99.35    |
| 8 " "  | 139.65   |
| 12 " " | 219.90   |
| 16 " " | 298.80   |
| 22 " " | 399.65   |

### Portable

|        |          |
|--------|----------|
| 2 H-P  | \$ 40.95 |
| 4 " "  | 82.80    |
| 6 " "  | 141.80   |
| 8 " "  | 190.40   |
| 12 " " | 279.80   |
| 16 " " | 378.70   |
| 22 " " | 483.15   |

### Saw-rig

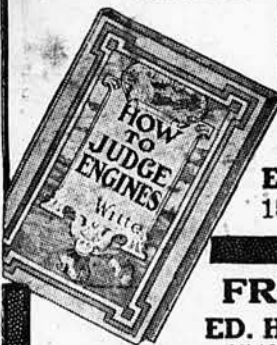
|        |          |
|--------|----------|
| 6 H-P  | \$173.80 |
| 8 " "  | 227.10   |
| 12 " " | 324.50   |

Every Witte Engine Sold  
Direct From My Factory  
To the Users' Hands.

I am the only man in the U. S. making his own engines in his own factory, from his own designs, using his own patterns and special machinery, and selling his entire output direct from his factory doors to the users' hands. I have nothing to sell but engines.

I claim that "you can't buy any better engines for any price, and none as good as the WITTE for my price." And if you could ask all of my many thousands of old customers what they think about that claim, I know they would tell you, as they have repeatedly written to me, that I don't claim anything more than actual fact. I want your order for a WITTE because I know it is more for your money than anybody else is offering.

ED. H. WITTE.



## WITTE ENGINES

Kerosene, Gasoline, Distillate and Gas

Portable, Stationary, Skidded and Saw-rig Styles

SOLD ONLY DIRECT FROM MY FACTORY TO USERS

For the past 27 years I have done nothing but design and build engines. I now have one of the largest, best equipped and most economically operated engine factories in the country. I have a natural gas well which furnishes us free power, heat and light—a big saving in manufacturing cost. My one aim has been to produce an engine which would develop the greatest possible amount of steady power from the lowest possible consumption of fuel. A WITTE Engine at work will show you how well I have succeeded. But a study of the illustrations on this page will help to make clear to you why the WITTE is such a giant in power in any given size. Notice the length and thickness of the base which gives plenty of foundation grip and insures steady running without destructive vibration. It also permits fullest use of force of each fuel charge—one of the important factors that has made WITTE Engines famous for small fuel consumption. The WITTE is perfectly balanced and proportioned in all its parts so there is no excess friction to overcome—the highest possible percentage of fuel is converted into directly transmittable power. All WITTE Engines have detachable cylinders, 4-ring pistons instead of the usual 3-rings, automobile style vertical valves, automobile ignition, spark shift for easy starting, double weight, extra sensitive, positive governors and other merits without which no engine can now be really high grade.

### My Free Book Makes The Whole Engine Question Plain

You should send for a copy of this book before you decide upon any make or size of engine. Tells you how to pick out the engine that is best suited for your work; how to judge any engine and all about my Direct-from-Factory Selling Plan. You can have any WITTE Engine you like on easy, reasonable terms if you wish—and every WITTE is sold with a positive 5 Year Guarantee. Just mail coupon today for the whole interesting WITTE Engine story.

ED. H. WITTE, Witte Iron Works Co.  
1549 Oakland Ave., Kansas City, Mo.

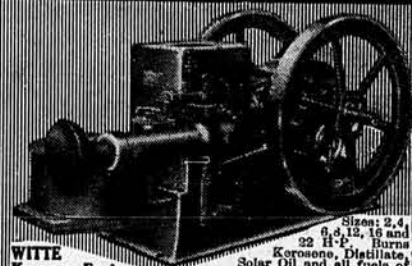
### FREE BOOK COUPON

ED. H. WITTE, Witte Iron Works Co.  
1549 Oakland Ave., Kansas City, Mo.

Without cost to me, and with no obligation on my part, I should like to receive your latest and finest Engine Book, and to investigate your New Liberal Selling Plan.

Name .....

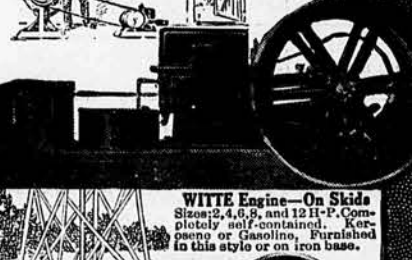
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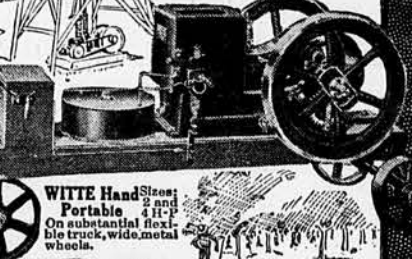
WITTE Kerosene Engine  
like grades. Also Gasoline, Naphtha and Gas. Portable and Stationary. Kerosene Engines in all above sizes.



WITTE Gasoline & Naphtha Engine  
—Stationary and Portable. Also Gasoline, Naphtha and Gas. Portable and Stationary. Kerosene Engines in all above sizes.



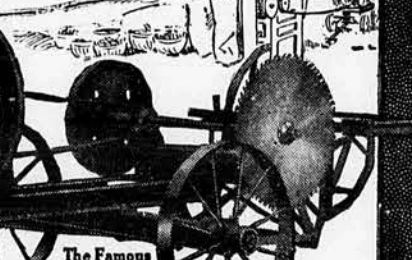
WITTE Engine—On Skids  
Sizes: 2, 4, 6, 8, 12 and 16 H-P. Completely self-contained. Kerosene or Gasoline. Mounted on iron sub-base. Furnished in this style or on iron base.



WITTE Hand Portable  
On skids. 2, 4, 6, 8 and 12 H-P. Mounted on its own skids, securely fastened to steel truck beams. Steel wheels.



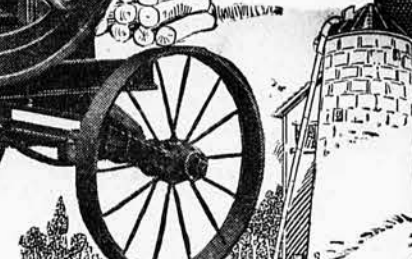
WITTE Portable  
Mounted on its own skids, securely fastened to steel truck beams. Steel wheels.



The Famous WITTE 3-in-1 Rig  
1—Complete Portable Saw-rig. 2—Saw frame, and table removed, a complete Farm Portable. 3—Disassembled you have a complete Stationary Engine. Kerosene and Gasoline Engines furnished this style.



16 & 22 H-P Portables  
Mounted on all-steel truck of special heavy design. Engine rests on heavy steel "I" beams, doubly braced to both axles. (Swivel type front axle; bridge type rear axle.) Either kerosene or gasoline engines furnished.



16 & 22 H-P Portables  
Mounted on all-steel truck of special heavy design. Engine rests on heavy steel "I" beams, doubly braced to both axles. (Swivel type front axle; bridge type rear axle.) Either kerosene or gasoline engines furnished.