

Twenty-Eight Pages

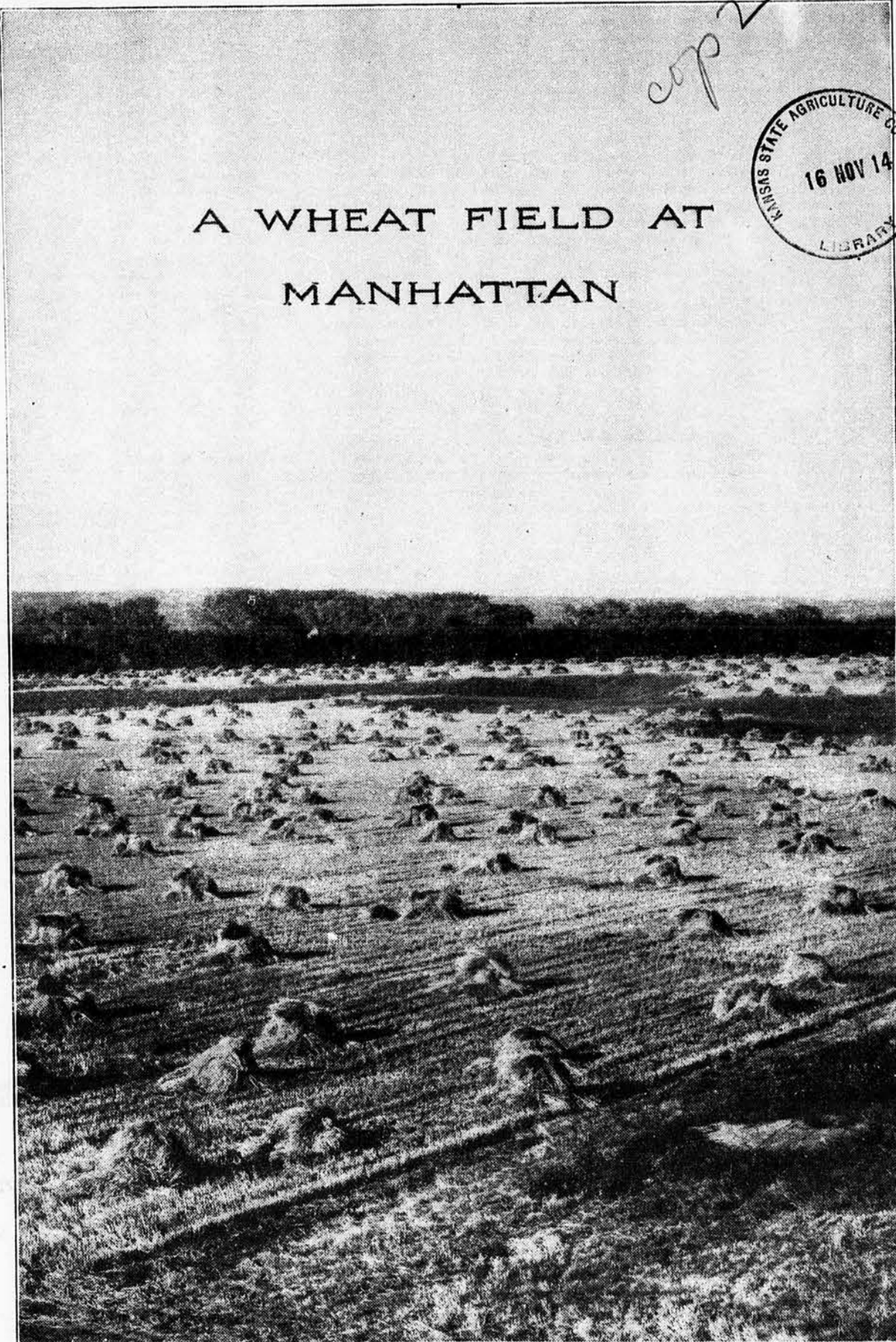
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The
**FARMERS MAIL
AND BREEZE**

Vol. 44.

November 14, 1914

No. 46.



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JUST ABOUT FARMING

A VERY good program has been arranged for the annual meeting of the Kansas State Horticultural society in Topeka December 2 to 4. Under the leadership of the new secretary, J. L. Pelham, this organization is making rapid progress; it has become a great power for the advancement of the horticultural interests of Kansas. But the society needs the support of more of the younger fruit growers of the state. Come to Topeka to the annual meeting the first week of next month, and get in line with the more progressive farmers.

War Horses

It has been estimated that more than 1 1/4 million horses and mules will be bought in the United States for use in Europe if the war continues a year. Several thousand animals a week are being shipped out now. The supply of draft horses in Kansas will be greatly reduced, and the prices for these animals will be increased.

Kansas has a great opportunity before it in the horse business. If this war demand for horses is handled right the standard of the draft horses in this state can be greatly raised. Sell the geldings and mules if you can spare them at the increased prices that are being offered, but keep the good mares. Breed these mares to the best draft stallions available, and then handle these colts so they will develop into good animals.

More of the farm work in Kansas should be done with mares. Make the draft horse department pay its way. Of course a mare cannot do quite as much work as a gelding and raise a colt at the same time, but she will do almost as much—and at the same time she will produce a colt that will help to increase the profits from the year's work.

Co-operation in buying and selling is essential before the greatest returns can be obtained in Kansas farming. The average farm is too small to be taken as the most economical buying and selling unit.

Tree Pruning

Fruit growing can be made more profitable in Kansas by adopting better methods of production. One of the important things in fruit growing in this state is good pruning. Good apples, for example, cannot be grown in a brush-top tree. Open-center pruning is essential in Kansas; there must be a chance for the light and air to enter, so the apples may become well colored. Plan to go over your trees this winter, and to remove the extra growth.

Humus

The deficient supply of humus, or decaying vegetable material, is the limiting factor in the crop production on many Kansas fields. An increase in the humus supply will greatly increase the yields and profits. Save every scrap of vegetable matter you have, and plow it under. It ought to be made a crime in Kansas to burn straw for example, for when one does this he is destroying wealth just as surely as if he set fire to the grain that came from the straw. Unless this material is needed for feed or bedding it should be spread back on the land where it was produced.

Longer Leases

The problems of tenant farming and soil fertility are closely related. The rule with tenant farming in the United States has been that it leads to soil exhaustion. The blame for this condition cannot be placed entirely on the tenants—most of it belongs to the owners. If the owner is fair with the contract it is possible to maintain the soil fertility with a system of tenant farming.

Give the tenant a long lease—from five to eight years. The one-year lease is a crime against humanity, anyway. Provide a plan for a crop rotation, and furnish some capital so the tenant can

get started into livestock farming. A plan of this kind will attract good men. A permanent and profitable system of farming based on livestock, legumes and good crop rotations can be worked out in tenant farming. The owner must take the lead in this matter—and if this decline in fertility on tenant farms continues the blame is on him.

Country Towns

There is not the healthful spirit of co-operation between the business men of most Kansas country towns and the farmers that should exist. In many cases the merchants are to blame for this. The business men of the average town must remember that the trade of the farmers is all that keeps it going and they should be willing to do something for the farmers in return.

"One of the curses of our Kansas life is the tendency of little country towns over the state to put on city airs," said Walter Burr, of the Kansas Agricultural college a few days ago. "These little towns try to build around themselves impregnable walls, social barriers and what not, at their city limits. Such towns think, 'We are quite a city and have nothing to do with rural problems,' when the truth is they are just fine little country towns and nothing more. The big Kansas problem right now lies in these little towns—1,200 of them with populations of less than 500 persons."

More of this healthful spirit of co-operation between the farmers and the town people such as has been developed at Emporia is much needed. Everyone in the country tributary to that town is a booster for the best interests of the community. The Lyon County Farmers' Produce association, under the efficient leadership of A. B. Hall, was formed largely as a result of this movement. Other Kansas towns should study the progress of the Lyon county men and women, and then make an effort of that kind in their home community.

A Farmer's Meeting

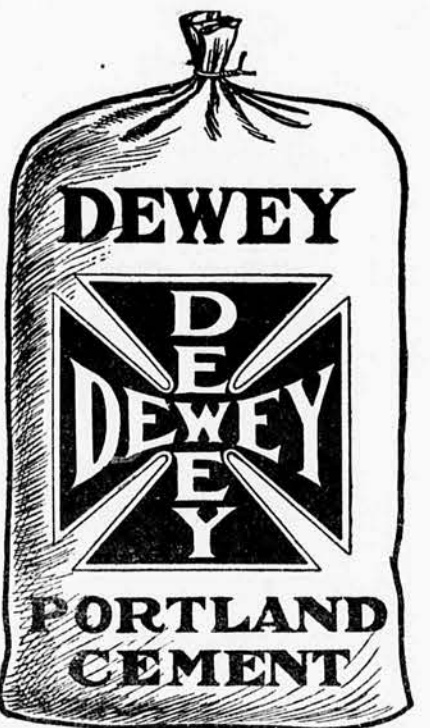
Of course you are planning to go to Manhattan next month for the annual meeting of farmers. This meeting is set for December 28 to January 1. The remarkably strong program which has been arranged by the college authorities is attracting much interest. Presumably the attendance will be large—but do you know what "large" means in this case? Two thousand farmers at the college would cause apoplexy for some of the state's faithful servants. Why? Kansas has 170,000 farms. It is a great agricultural state. It is a leader in wheat and corn. But it has never seen the day when 1500 sure enough farmers would go to Manhattan—in the winter when they are idle—and learn something new. Isn't it a marvel? The state has 375 farmers' institutes. Their influence should send at least 5000 farmers to the winter meeting.

Fall Plowing

Fall and winter plowing is a desirable practice on all Kansas land unless the soil is inclined to blow or wash. It will improve its physical condition for the crops next spring, and it also will allow a greater formation of available plant food. More than this, a great many crop insects will be destroyed. It will pay for you to get started on this work just as soon as the time is available.

Stay There

The good yield on most Kansas farms this year has encouraged more of the Kansas young men to stay with the country. There is coming to be more and more of an appreciation of the fact that the opportunities on the farm are greater than in the city. Any person who goes to the city from the farm without money or years of special training to aid him is foolish. The rule applies also to men from the city who go "back to the soil" without knowing anything about its possibilities.



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Apples, \$3 a Barrel

By F. B. Nichols, Field Editor

AN INCOME of \$12.33 a tree was the average return this year from the Jonathan block in the 11-acre orchard of George Groh, Jr., of Wathena, Kan. Some of the trees did much better than this; and three best ones produced apples to the value of \$27 apiece. A remarkable record for uniform high quality was set when the apples were harvested. The first half day 69 barrels were picked, and of these 63 were graded by the buyer, Mike Bauer of Wathena, as No. 1, while but six barrels went as culls. And yet someone said that this was not a good apple year in Kansas!

These No. 1 apples were sold for \$3 a barrel on the table; Mr. Groh did not have to pay for the barrels, and thus that expense was eliminated. When apples are sold for that high a price after grading out such a remarkably high percentage of No. 1 fruit, it indicates that the owner is making a mighty good profit. Mr. Groh has obtained these fine results by adopting an efficient system of pruning and spraying; this orchard was sprayed seven times, and almost perfect control was obtained over the apple insects and diseases.

Not only has Mr. Groh grown fruit that has made him a very high return in money, but he also produced show apples that were the sensation this year in the apple section of the Kansas State Fair at Hutchinson. Out of the 16 entries Mr. Groh made in this show he won nine firsts, three seconds and two thirds, which is a remarkable record when the good competition he had is considered. His plates attracted a great deal of attention from the visitors.

The seven sprayings given gave efficient protection all through the season; both the apple diseases and insects had a pretty hard time of it in the Groh orchard this year. The first spraying was given in March, and it consisted of Sherwin-Williams lime-sulphur applied at the rate of 1 gallon to 9 gallons of water. This was before the foliage appeared.

With the second application, which was made just before the blossoms opened, 1½ gallons of commercial lime-sulphur and 2 pounds of arsenate of lead was added to 50 gallons of water. This spray was

this spraying. All sprays are important, of course, but this one is especially essential. Mr. Groh believes in going slow, so he can get a little poison in the calyx of every apple, where it will be readily available for the young codling moth.

Bordeaux, mixed at the rate of 3, 4, 50, to which 2 pounds arsenate of lead had been added, made up the fourth spray, which was applied three weeks after the blossom fall spray. The arsenate of lead was for the benefit of the codling moth that was just about ready to appear, and the Bordeaux was for the control of the apple blotch. The spores of this disease are out at this time, and it is extremely important that protection should be provided against them, or large losses from this disease may result.

The fifth spray was aimed at the apple leaf skeletonizer, which was causing considerable damage. This was a special application which usually would not have to be made. It consisted of 3 pounds of arsenate of lead to 50 gallons of water, and it was put on in the first part of June. It controlled these insects well.

Some interesting light is given on the methods used by Mr. Groh in the way he handled the fight against this insect. This was a new pest, and Mr. Groh was not very familiar with it, but he didn't propose to let it make away with his profits. Instead of giving up the matter in despair, as too many fruit growers do who are troubled with some new insect or disease, he took the matter up with J. H. Merrill, assistant entomologist of the Kansas Experiment station, who has charge of the work in fruit insect control, and got expert help. Mr. Groh doesn't believe in giving up when he runs against some snag in fruit growing; instead he gets the information he needs to meet his problems.

Ten weeks after the blossom fall spray the sixth application was made, the strength of this spray being the same as with No. 4. This spray was aimed largely at the second brood of codling moth and at several apple diseases. It was very efficient in their control. The last spray was applied the middle of August, and it consisted of 2 pounds of arsenate of lead to 50 gallons of water. This was for the third brood of codling moth, and it eliminated it from the scene of action.

Much of the remarkably efficient work which Mr. Groh has been able to do with his spraying has been due to the pruning, according to Mr. Merrill. When Mr. Groh began his clean-up campaign his trees were much the same as a very high proportion of the trees in Kansas orchards where the soil is fertile; they were too high and they had a brush top. It is essential that this brush should be cleared out, so that enough light and air can get to the apples to produce well colored fruit. The high class apple trade in the cities that all the good growers wish to reach is demanding well colored fruit.

Then it is not possible to do a good job of spraying on an orchard that has not been well pruned. Another important consideration in pruning and heading back apple trees is that the cost of harvesting can be reduced. Mr. Merrill believes that no apple tree should be so high that a man on a 12-foot ladder cannot reach the fruit at the top.

But it is not wise to try to do all of this heading back the first year; a three year campaign has

been adopted in the Groh orchard. The aim the first year was to open up the center and to head back as much as possible without injury to the tree. There is a great development of water sprouts when this is done of course, and if these are needed to produce bearing wood on the lower part of the tree they can be used for this purpose if they are cut back to three buds. This is a practice that is not at all common in Kansas orchards, but it is done frequently in eastern apple growing sections. The water sprouts that are not used, and of course most of them will not be, should be rubbed off the limbs.

In doing the pruning in the Groh orchard the aim is to cut back the growth to a lateral limb; in other words, never leave a stub sticking up with no place for the sap to go. If such stubs are left they are a very fertile source of introduction for apple tree diseases. All the limbs that were removed were sawed off smoothly and the wound was then painted. This



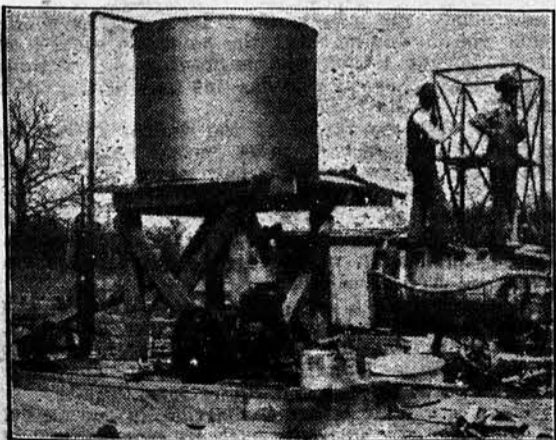
A Well Pruned Tree in the Groh Orchard

painting is extremely important, for it protects the trees just as surely and in as important a way as the dressing of the wounds of a man who has been hit with a cannon ball.

The results on Mr. Groh's place have been especially pleasing to Mr. Merrill, for this orchard is pointing the way toward a more profitable system of farming for Doniphan county. In speaking of this a few days ago, Mr. Merrill said:

"Good profits can be made from fruit growing in Doniphan county if the right methods are used. The opportunities are especially good in apple growing. The aim should be to handle the older orchards so they will produce the maximum profit—careful methods of pruning, spraying and cultivation should be adopted to bring back the crop producing power of the trees. At the same time other orchards can be set, and if these young trees are handled carefully they can be protected from many of the diseases and other troubles that are causing such large losses in the older orchards."

Mr. Groh has a mighty good orchard, and he is using methods that are fundamentally correct. He knows what he is doing when he prunes and sprays. His profits are high, and they show that care in orcharding in Kansas will pay well. He is doing much to establish paying fruit growing methods.



Where the Sprays are Mixed by Mr. Groh

world owes no individual who is sound in mind and body a living. On the other hand each individual owes it to society to render an equivalent in service for what he receives.

It is true enough that many of this army of loafers are not idle from necessity. They could find employment if they wanted to and yet society is to blame for at least 95 per cent of the loafers.

There are two things that experience has pretty conclusively proved: The first is that the average human being does not voluntarily take to steady productive labor and the second is that the average human being with proper training and proper opportunity will learn to work and not only learn to work but will actually learn to enjoy it.

Nature has implanted in man a number of contradictory impulses and desires. Along with the desire for ease there is implanted a desire to be of some consequence, an ambition to cut some figure in the community. In some the natural desire for ease is strong and the ambition to accomplish something is correspondingly weak, while in others the desire to cut a figure in the world is so strong that it over-balances the desire for ease, but the same desires to a greater or lesser extent are implanted in every man.

The confirmed loafer is simply a man whose natural desire for ease has been so developed that it has destroyed his ambition.

The old idea of government was strictly the policeman idea. So long as the citizen did not commit a criminal act the government did not interfere with him or even look after him; but a more modern idea of government is that one of its proper functions is to prevent waste; to conserve natural resources.

Out of this theory has grown the demand for the conservation of our water powers, our forests, our mines, the irrigation of arid lands, the drainage of swamp lands, the cleaning out and deepening and dyking of rivers to prevent destruction from floods, etc. Little attention, however, has been paid to stopping the human waste that is going on all the time and which aggregates a tremendous amount every year.

Our system of public education is defective. Every boy and girl ought to be trained to productive industry—not only trained but every one should be required to be a producer.

Germany furnishes perhaps the most notable example of a government that sees to it that its citizens are efficient.

Whatever you or I may think of the part Germany has taken in the present European war we must admire the wonderful efficiency of the German people which is largely the result of governmental policy. Here is a nation of almost 70 million people crowded into a space about two-thirds as large as the state of Texas with much of the land naturally sterile and yet this vast population has not only managed to live but has prospered.

There are practically no able bodied loafers in Germany except among the nobility. The government of Germany will not stand for loafers. The result is a standard of efficiency that is the marvel of the world.

And yet the German probably is not born any more industrious than the average man of any other country located in the temperate zone in the same latitude. The difference is in the training.

There should be no able bodied loafers. Every boy should be educated to work. Then let him exercise his individual choice as far as possible, consistent with the public welfare, in selecting his work, but make him work, at something. If he cannot find the opportunity to work at some private enterprise let the state furnish the opportunity but make him work.

With the abolition of idleness, voluntary and involuntary, most of the crime would also be abolished. The man who is regularly employed at some useful labor rarely commits a crime of any kind. Idleness and crime always go together. I do not mean to say that only loafers commit crimes but I do say that idleness fosters criminality. If you have any doubt on that score just stop with a gang of loafers for a few minutes and listen to their conversation. Almost invariably it is debasing and vulgar and tends to destroy respect for law, order and decency.

Much as I abhor militarism I would favor the training of an industrial army that might be turned into a military organization, if the necessity ever arose to resist invasion. This industrial army, however, would not be a standing army at all. It would be a working army. It would pay its way on public works and in the development of national resources.

There would be no regiments of armed men quartered at army posts doing nothing but perform military drill. There would be no military class. It would be the greatest practical school in the world for the development of the minds and hands of young men and teaching them the order and discipline which is necessary for the fullest success.

If the plan of an international police suggested in another article should be adopted there never would be any occasion to call on this industrial army to do military service. It would be used not to destroy life and property but to build up men; to make them efficient, industrious citizens; to stop the waste and evil of idleness.

Favors County Commission Government

Editor The Farmers Mail and Breeze—I see by your article in the Mail and Breeze that you are not much in favor of a commission government for counties. You seem to think it would cost as much or more than the present system. I do not think

so. It seems to me it might save a large amount. I have in mind a county which paid its auditor \$1,500 a year. The people elected a man who was not competent to fill the office, so a deputy was hired at \$50 a month. The deputy got sick and hired a woman to do the work for \$30 a month. The county paid \$2,100 to get work done that actually cost only \$360. There was some chance for a saving there.

I have a plan that I think would work: Let the people elect three county commissioners, not more than two to be of the same political party. These commissioners to be empowered to fill all offices except legislative, the places to be let to the lowest responsible bidder. After filling the offices in this manner they shall publish all bids and give their reasons for their selections.

This would eliminate the necessity for an individual spending months and perhaps years begging for an office. With this expense eliminated he could afford to work for less. Also the offices would be filled with more efficient officers and the people would have a better opportunity to know how their business was being done and where their money had gone. R. L. POWERS.
Edna, Tex.

I have no objection to the county commission form of government. The experience with the commission form of government in cities does not give much encouragement to believe that the expenses of government would be reduced, but my opinion is that such a plan might result in great efficiency, and if so it would be better than the present plan.

The suggestion made by Mr. Powers seems to me to have considerable merit. Of course its success would depend largely on the character of the three commissioners elected. If they were men of integrity and good judgment and nerve that plan would work all right and should result in a saving of expense as well as more efficiency of service.

However, a good deal of discretion should be allowed and used by the commissioners. A man might be the lowest bidder for an office and he might also be financially responsible and yet not fitted to hold the job. It would be more than likely that the least qualified individuals would make the lowest bids. Then if the commissioners made their selections, taking into consideration fitness first, while they would do their duty, the chances are more than even that they would become very unpopular and be turned down by the voters at the next election.

If on the other hand, they should yield to the clamor for reduction of expenses and select the lowest bidders, the chances are that the business of the county would be badly run and in the end the losses from inefficient service would more than counterbalance any savings in salaries.

The publication of the reasons for making their selections by the commissioners might, and I think would, help some but somehow or other I never have been able to believe that it would be a good policy to let out the public offices on competitive bids. Such a plan might prove satisfactory but I have my doubts.

A Plan For World Peace

Editor The Farmers Mail and Breeze—The nations of the earth should live in peace like a family. No nation should have a right to use an army or navy but this right should be given to a world congress composed of representatives from every nation.

The nations have several times fought for the "open door" policy in other nations but they want the door shut to their own land with militarism, like a savage with his war axe blockading his own door. I doubt if a nation has a moral right to collect tariff on commercial goods for it has become an international graft and is often an excuse for war.

In the Mail and Breeze of October 3 John Rundus says it would be a gain to the whole world if each Balkan state had a port. I would go farther than that and say every port on earth should be open to every nation on earth and every national boundary should be only imaginary and minus tariff collectors that do the highway robbery act.

But the warring nations are fringing their boundaries with a grave yard 50 miles wide—a gruesome, ghastly reminder to the coming generations of the incapability of its rulers and people, some of them so expanded with their own importance that they forget the "Divine Right" of the common people. If those murder lands were ruled by inexperienced 12-year-old boys their condition could not possibly have been worse.

But their people should not be anarchistic for they have no more right to harm their officials than their officials have to harm them. "The meek shall inherit the earth." The militarists have traded off that birthright.

Athol, Kan.

EDWARD LIND.

Truthful James

"Speaking of liars," remarked Truthful, "there was Jed Thompson who was the most inveterate liar I ever saw. His mother told me that Jed commenced to lie before he shed his milk teeth and the habit kept growing on him as he grew up. He would lie about his crops and about his stock and about his family and especially about himself.

"One day a horse man who owned some of the fastest steppers that ever hit the track was telling about the fastest runner he ever owned. He said that this horse went around the track so fast that the judges in the stand were all made cross-eyed trying to keep track of him as he went round.

"Jed listened and said that he didn't doubt the story a particle but said he used to own a horse himself that was some goer.

"I used to ride that horse myself," said Jed. One day I was racin' on a half mile track and the saddle girth broke and that horse just jumped right from under me leavin' me and the saddle up in the air. Naturally you would suppose that I

was in for a hard pull and so I would have been with any other horse but that critter just went on around without any saddle and just as I commenced to fall he come around the turn and run under the saddle and right between my legs. The judges all said they had never seen anything like it in all their experience."

"I heard Jed explaining to a stranger one day why he hadn't any teeth. Jed said that when he came to Kansas he had as fine a set of teeth as any man in the state but one afternoon he laid down to take a nap. He had a habit of sleeping with his mouth open and while he was snoozing a cyclone come cavorting along, dipped into his mouth and pulled out every blamed tooth he had in his head. He said that afternoon he found molars scattered along for three miles in the track of that storm.

"But Jed's lyn' got him into trouble at last. One day a horse threw him. They picked him up unconscious and the doctor thought he was dead. The coroner called a jury and brought in a verdict that Jed had been killed by accident and that nobody in particular was to blame.

"Just as the verdict had been signed Jed come to and asked what was the matter. The coroner told him to shut up; that a dead man had no business buttin' in with conversation.

"Jed insisted that he wasn't dead but the coroner who was in the undertaking business, said that according to the record he was and that there wasn't a man in that neighborhood who would take Jed's word against the record. So the coroner went right along preparin' for the funeral.

"Jed cussed and ripped around and said that he wasn't dead and didn't propose to be buried but nobody would believe him.

"Old men who had been acquainted with him since he was a boy said they never knew him to tell the truth in his life and didn't believe him now. The undertaker got the coffin ready and they was about to catch Jed and tie him in it, when a stranger, who carried a gun took up for Jed and swore that he would do some shooting if the funeral wasn't stopped.

"Finally the coroner said that rather than have anybody hurt the obsequies would be postponed, but told the stranger that when he had been acquainted with Jed as long as the rest of them he would know more than to put any dependence in his word. That stranger was the only thing that kept Jed from being buried right then and there."

A Duty Calls Kansas

Science concedes, the world's experience proves, that the greatest enemy to health, efficiency and clean living is drink.

The first step in the training of every athlete is to stop his liquor, if he is a drinker.

Within the year the use of liquor has been prohibited for all time in the American navy.

Our army saloon—the canteen—was abolished fifteen years ago.

Ten years ago we began to achieve prohibition in the industries.

In August, when war was declared in Europe—a war to be decided by the survival of the fittest fighting force—the sale of intoxicants to the troops was forbidden by the warring powers.

In the light of its own experience, the pronouncements of biologists, of neurologists, of criminologists, of all pathological science, a duty calls Kansas, the duty of vigorously championing and vigorously advancing the cause of national prohibition in the United States.

Kansas men and Kansas women should lead this movement just as Kansas led the movement which abolished human slavery.

Kansas offers the strongest, the most convincing proof of the widespread and far-reaching benefits of a saloonless state. Its per capita reduction of expenditures for liquor now aggregates 32 million dollars a year. Compare Kansas' annual expenditure of \$1.25 per capita for liquor with \$21, the per capita average for the saloon states.

What other state can show 48 counties that did not send a single criminal to the penitentiary last year, or 87 counties that did not send a patient to the insane asylum, or 53 counties without a prisoner in their jails, or 83 counties without a pauper?

Kansas has the lowest death rate in the world, the lowest percentage of illiteracy in the United States, largely as the result of its thirty years of prohibition.

These results, these conditions, and Kansas' success with the enforcement of its prohibition laws, make it the duty of the Kansas people to take the lead in an active agitation and propaganda for making this a saloonless nation. We should make these results known to the world. To this extent as a state among states, we are emphatically our brother's keeper.

We have had nation-wide prohibition in all the great American industries for nearly ten years. National prohibition itself should no longer be delayed. It will not be long in coming if the Kansas people give the movement their active leadership, their vigorous championship and let the world know the blessings that have come to them through prohibition. The duty is theirs.

Arthur Capper

The Dairy Show

An Exhibition in Which Education and Merit Were Considered

By L. S. Gillette

A PERMANENT dairy show must provide educational facilities. The growth of the National Dairy show demonstrates the presence of this opportunity to study and to enjoy. The ninth show, held at Chicago from October 22 to 31, probably was the most complete dairy exhibit ever staged in the United States. The attendance was made up of dairy people and their city friends, of practical dairy experts and college men, of Canadians and Americans. The machinery exhibit covered both the manufacturing and producing sides of dairying.

The animal of most interest was the Ayrshire aged cow Imp. Kilnford Bell 3d, winner of the Valentine cup for the best cow of any breed. This cow also won the honor at last year's show. She is a fine type of Ayrshire straight topline, long, level rump, with plenty of constitution and capacity. Her udder is capacious, with a very good texture, her udder attaches high and wide behind, and carries well forward on the floor of the abdomen. Her teats are square placed, while her color is largely white with a few red spots. Kilnford Bell is an almost perfect specimen of Ayrshire type and production combined.

From the standpoint of numbers the Guernseys were the most important breed represented. The interest manifested by the visitors corresponded to the number of cattle shown. About 200 of the popular red and white breed filled the spacious stalls. The West divided honors with the East when Judge William Forbes allotted the ribbons, rather evenly, between Marsh's excellent herd and the Langwater entry noted for production and beauty. In the bull classes Marsh won two firsts and all the championships, Hayes Cherub 2d again winning the royal purple. Langwater Advocate was an easy first in the 2-year-olds, and Langwater High Flyer was first among the calves.

In the opinion of experts it was the greatest Guernsey show ever held in Chicago. The excellence of individuals in the female classes amply justified this statement. Marsh won first in the aged cow classes on Deonie 16th, while Langwater won first in the 2 and 3-year-old classes. The contest for senior, and ultimately grand, champion cow was between Deonie and Langwater Charity, the 2-year-old. While the old cow possessed more refinement the young cow showed more capacity and probably greater production, all combined into a very symmetrical animal. After serious consideration the purple ribbon was given to the aged cow, Marsh thereby winning all the championships.

Second to the interest aroused by the Guernseys was that displayed by the Jersey people. Nelle Fabyan's aged bull, Ocean Blue, took senior championship over Spann's 2-year-old, only to lose the grand championship to Allen Dales Raleigh, a bull of unusual type and refinement combined with strength and capacity. Female honors went to Noble Jolly's Norah, Elmendorf's senior yearling. The senior purple was awarded to Golden Maid's Opal, a cow that sold for \$975 at the Jersey sale, Friday. The Jersey sale conducted by Boyd, Dixon and Prescott was only partly successful as the prices were not very high.

Judge Sisson made the awards in the Jersey classes to the entire satisfaction of the breeders and exhibitors.

W. S. Moscrip, of Lake Elmo, Minn., placed the awards in the Holstein classes, and while some of the placings at Waterloo were changed they generally were satisfactory. Shroeder's herd won the most money while the championships went to R. E. Haeger. Paul Calamo Korndyke won first in the aged class and was also senior and grand champion. Crescent Beauty Buttermaid also shown by Haeger was first in the 4-year-old class. Dickinson's 2-year-old was first in his class of five entries. Dickinson also won junior championship on his senior calf, Walcowis Johanna Champion, Shroeder won first in the other bull classes with sons of Sir Korndyke Hengerveld Dekol 36th.

Minerva Beets, owned by Haeger, won premier honors among the females. Lady Rika Mooie was placed second in the aged cow class while Lucy Dekol Wayne, champion at Waterloo got fourth place. Stone, of Benson, Minn., took first in the 3-year-olds while Shroeder won with Burke Spring Brook Ormsby in the 2-year-olds. Stone's senior yearling took the senior championship with Iowa, Shroeder, and Haeger winning the other firsts in the calf classes. Shroeder won first on young herd and calf herd with Haeger winning second place in both classes.

The Ayrshire prizes were rather evenly divided between Cidam Seitz, of Wisconsin, Barclay Farms of Pennsylvania, and Strathglass Farms of New York. In the opinion of the ringside, the judge, W. F. Stephen, of Quebec, favored the herds from the East. Hobsland's Perfect Piece, the 2-year-old bull from New York, was made senior champion over Sietz's aged bull. Sietz's yearling bull, Cavalier's Fond Hope, was made junior champion over the other bulls from the East. While Seitz won premier honors with Kilnford Bell 3d the eastern herds carried off all firsts in the other classes.

J. H. Frandsen of Nebraska, tied the ribbons in the Brown Swiss classes. Prizes were distributed much the same as at Waterloo. Allynhurst Farms won the major portion of the awards with the herds of Ayers and Barton furnishing keen competition. Ayers won both junior championships while Allynhurst Farms took the senior and grand championships. During the past few years the Brown Swiss breed has made rapid progress toward establishing a definite type. Some of the cows in Barton's herd have very creditable records as economical butterfat producers.

While a complete list of machinery exhibits is impossible in this brief report it may be noted that the most advanced types of machines were presented for careful inspection. In the manufacturing end there were clarifiers, pasteurizers, bottling outfits and ice cream apparatus on exhibition. Borden's, the Blue Valley, and the Creamery Manufacturing Company all presented large collections of modern factory utensils. Outside the usual supply of stanchions and stalls, the interest taken in milking machines was much greater than ever before. No less than six companies were exhibiting machines and giving daily demonstrations. One of the questions which con-

fronts the dairyman milking 15 or more cows is the advisability of purchasing a mechanical milker.

Products of the various northwestern countries were conspicuously displayed. To the credit of the Mississippi Valley be it said that land boosting isn't so necessary—though it might profitably be done. The largest exhibit was staged by the Canadian government, while the United States was represented by displays from Michigan, South Dakota, New England and some of the southern states.

One of the better educational features of the show was the United States demonstration work in charge of Forbes and Burlingham. This demonstration work consisted of a herd of common grade cows. Daily production records were carefully kept and posted. A desired result was accomplished. The test showed forcibly that one cannot always tell by the looks of a cow whether she is a profit maker or a parasite kept merely for her beauty. Talks and demonstrations were made by the various government men and some of the college professors. The demonstration herd was an object of great interest.

Seven states were represented by purely educational exhibits. It is to be regretted that some of the leading dairy states were not among the list. The states furnishing exhibits were Illinois, Minnesota, Missouri, Ohio, Pennsylvania, Indiana, (Purdue), and Wisconsin.

The test of any rural credit bill is, will it be of help or benefit to the large and rapidly increasing class of tenant farmers, if enacted; that is the kernel of the question—helping these men to become landowners, giving them a chance to own a farm and more incentive to become much better farmers.

No American Royal This Year

The plans for holding the American Royal Livestock show this year have been abandoned. The officers of the Royal decided that the danger of exposing valuable breeding herds to foot and mouth disease infection was too great. It also was thought that holding the show might delay the work of the authorities in stamping out the disease. The question of holding the show was put before Secretary Houston of the U. S. Department of Agriculture. He advised the management not to hold it because of the danger of infection being brought to Kansas City from some remote or unsuspected locality.

It also has been reported that the plans for holding the International Livestock Exposition at Chicago have been abandoned for the same reason. Infection already exists in the Chicago yards. These yards are under quarantine and are being disinfected. It is planned to open them for traffic November 16, but there no doubt would be considerable risk in bringing so many valuable breeding herds together.

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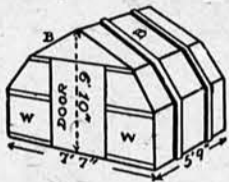
Class of Aged Ayrshire Cows Which was Headed by the Imported Kilnford Bell 3d, Owned by Adam Seitz, Waukesha, Wis. This Cow has Twice Been the Grand Champion Female of All Breeds at This Show.

Can You Make These?

Almost Every Farmer Is a Fair Mechanic

From Our Readers

A CONVENIENT little chicken house can be built from two piano boxes. I made one 8 years ago, and I have been well satisfied with it. It is larger than you might think, too, having a floor

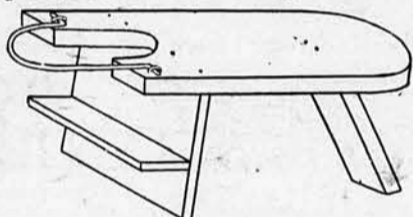


space of 40 square feet. Take off the backs, bottoms, and tops of the boxes, allowing the boards to remain fastened together with the cleats. Arrange the parts left in the boxes in position for the sides, and part of the ends of the house. The space left between what was the two backs should be equal to the width of one floor. The two floors are used to make the doors for the house, one in the front and one in the back. The backs from the boxes make the sides of the roof B, and the tops taken from the boxes fill the gable ends.

I used one of the tops for a dropping board, and put 1-inch mesh poultry netting over the south gable opening. By putting a curtain over this opening in stormy weather I keep the hens protected, and also have a well ventilated house. Put in windows where you think best. I have mine at the places marked W. Mrs. J. C. H. Tonganoxie, Kan.

Let the Boys Make This

It is not a great deal of trouble to make a milk stool that keeps the pail up close to the cow's udder, and at the



Not easily tipped over.

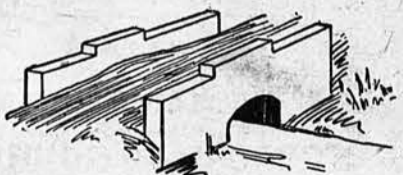
same time holds it so that there is little danger that it will be knocked over.

The front leg of this stool has a projecting rest upon which the pail is placed to keep it from the ground. The front is hollowed to receive the pail, which is held in place by a wire loop. Rice, Kan. Chester M. Wilson.

The Only Culvert to Build

Had we begun not more than 15 years ago to build concrete culverts and bridges in this township, and continued at the rate we have been building them the last three years we would now have no place to put another one. Besides our expenses would not have been much more than they have been in building the wooden ones. We began with the full-arch style of concrete culverts. That was before we knew the good of the flat-top kind. We now use the full arch only where there are high banks on both sides, so we can grade up to the top of the arch and make the road level. For all other places we prefer the flat top. We build them from 2 by 16 feet, to 20 by 16 feet.

All concrete work must be well reinforced with irons and wire. We use any kind of bar iron in the tops, laid hit and miss lengthwise with the road. Heavy woven hog wire is laid crosswise



The flat-top style of culvert—an approved type.

of the top and in the wings, intermingled, so as to unite the whole culvert into one piece. The tops have a crowning of 8 inches and are made 8 to 16 inches thick in the center, the thickness, varying with the width. The forms are placed so the tops and abut-

ments are all in one piece. The bars or rods must be shaped so as to be partly imbedded in the abutment walls.

We have just finished four culverts 12 by 16 feet, made after the plan of the illustration, at a cost of \$159. This may seem to be quite a price, yet if they last as we expect them to, they will be cheap in the long run. We use a lot of irons, any length, in these tops. We get them cheap from a junk dealer here in Lebo.

This good roads move is a money saver to the people. More has been done to improve our highways in the last five years than in any 15 years before. If any other readers have good ideas in regard to building these concrete culverts we would be glad to hear from them through the Mail and Breeze.

J. T. King, Trustee Lincoln Township.

Lebo, Kan.

Makes Slop Carrying Easy

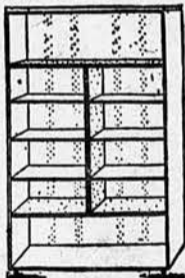
Here is a sketch showing how I built my barrel cart. Fig. 1 is the axle of an old cultivator adjusted to suit the size of the barrel. Fig. 2 shows one of the two side pieces. Fig. 3 is a carriage bolt, about 4 1/2 inches long, bent to hook over the axle and bolted through the side pieces as shown in Fig. 1. Fig. 4 shows the barrel fixed to the frame by running some No. 9 wire underneath it and another strand around it to keep it from tipping. Put some legs under the end of the handles, wheels on the axles, and the cart is ready for business. I have used my cart for several years. Frank Slater.



R. 4, Pleasanton, Kan.

Make Your Own Bookcase

A good bookcase can be made almost any size desired by merely procuring empty boxes of various sizes. The top and bottom boxes should be of the same length, and middle ones of such dimensions as not to project beyond these at the ends. Plenty of screws should be used between partitions to hold the boxes together. Screw on back braces nearly as long as the case is tall. Put casters under the case, and put a railing on top made of wood, or wire strung from brass headed long brackets or screws. Small brass brackets should also be fastened at the ends of the top shelf and on front of small boxes for slender brass rods, from which curtains of pretty "art muslin" in a flowered design on a groundwork that harmonizes with the wall paper, may be hung when the case is finished. Fred O. Sibley.



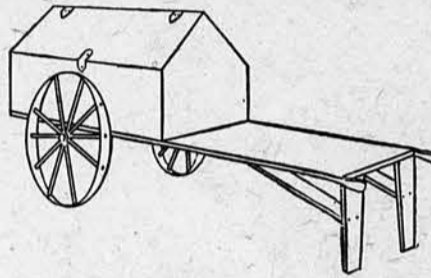
Horse Block From Cement

To have a tidy and useful horse block of cement, build a box 24 inches long, 10 inches wide and 8 inches deep, outside measure. Turn this bottom-up on some smooth surface and around it build a form without bottom 36 inches long, 18 inches wide and 12 inches deep inside measure. Set the smaller box equal distances from sides and ends of larger box and fill the form thus made. Use cement 5 parts, coarse sand 3 parts, gravel or broken stone 5 parts. Mix three times dry and twice wet. Fill the form, then run a straight edge across the top and smooth with a wood float. Let the work stand 48 hours, then remove the forms. Keep the block sprinkled occasionally for two weeks, and do not

move it until the end of that time. Or better still, do the work at the place where block is to stand. Brashear, Mo. M. B. Sherwood.

Repair Outfit On Wheels

In doing small carpenter and repair jobs about the farm a lot of time is lost in hunting up mislaid tools, collecting materials, and the like. To remedy this I have a portable repair



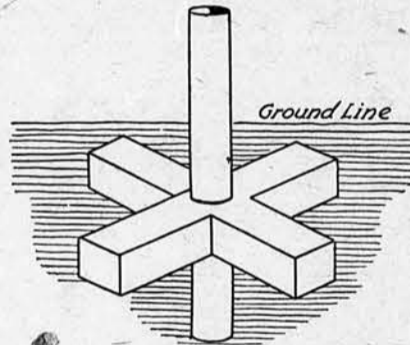
Work Bench and Tool Box.

shop in which all kinds of tools, nails, bolts, nuts, washers, wire, and innumerable other things are kept. It also includes a work bench. The wheels are from an old cultivator and any blacksmith can cut down an old buggy axle to suit the width desired. Fasten the frame to the axle with U-bolts. Make the work bench any length desired and have the handles and legs at the end. The toolbox has a roof over it, both sides being hinged. Frank Ebersole.

R. 1, Lecompton, Kan.

This Post Does Not Lean

This brace for a corner post is satisfactory any place where one is needed, but is especially advisable for a garden fence. There is no brace for chickens to use as a ladder in their attempts to get over the fence. Dig a trench 6 feet long, 12 inches deep, and a little wider than the post



Cement holds it solid.

that is to be braced. Dig a second trench the same size, and place it so that the two trenches form a cross. Dig the post hole at the intersection of these two trenches. Set the post, and then fill the trenches with cement. If you use a substantial post, it will be years before a corner post set in this way will give you any trouble. Nask, Okla. Frank Black.

One More Use For the Hammer

A hammer is a convenient tool for drawing two wires together. Make a loop on the end of one wire. Run the end of the other wire through the loop over the hammer head, and catch the end with the claw of the hammer. Use the hammer handle as a lever, turning in a clockwise direction. The second



To draw wires together.

wire will draw through the loop and wind on the head of the hammer. When the wire is tight enough, lift up on the hammer handle and make a loop in the wire. Ernest Simmermon.

Hartford, Kan.

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and black—easy to read on dark mornings. He rings two ways—five straight minutes, or every other half minute for ten minutes, as you prefer. You can shut him off in the middle of either ring if you wish.

In fact, his makers think he's the prize clock—the American People certainly have pinned the blue ribbon on him. \$2.50 is his price—a pretty small price for a grand champion.

He's on exhibit at your jeweler's. If yours hasn't him, send a money order for \$2.50 to Westclox, La Salle, Illinois, and Big Ben comes prepaid to any address in the United States.

(241)

Are You Keeping Books?

What Were Your Profits This Year?

BY CHARLES DILLON

THIS is no time for guesswork in business. It is a "Know how" and a "Know what" and a "Get up and move time," and the man who can't answer questions with a snap doesn't get the order. That's business. I believe the country admits, today, that farming is most distinctly a business, and moreover that it is a business in which a man must keep rather close watch of details if he expects to win. The man who tries to carry his office in a drug store memorandum book in his vest pocket isn't in it any longer. Business is moving on a faster schedule.

I was talking to a commission man in Kansas City a few days ago about cattle feeding. This brought up the question of books and records and systems, a matter about which I'm a bit cranky. "Why," said he, "I believe that scarcely three men in ten know precisely what their stock cost them to fatten. Certainly, they have a general idea, a hazy sort of account in a narrow little vest pocket book showing what the calves cost; what the feed cost; what the freight charges were on the whole lot; but few can tell me how much the gain cost throughout a year's feeding."

Let's Have System.

This brings up one of my hobbies: System in bookkeeping—simple bookkeeping. Goodness knows I couldn't manipulate a complicated set of accounts. I've seen cost systems in printing houses so complicated that five clerks were needed to show what it cost the house to operate, and these five salaries ate up a lot of the profit saved by the system. That isn't my kind. I've herded cattle and fed hogs and handled cows and horses enough to know that mighty few men know much about their own business on the average farm or ranch. You know that's true. Every reader of the Farmers Mail and Breeze knows it. That's why I'm fast becoming a crank for system, simple, common sense system, that will tell you what's what in the shortest possible time.

In my own department of the Farmers Mail and Breeze I use loose leaf accounts. These are kept in several covers which cost from 25 cents to a dollar. They will last a long, long time. I have one cover which has been in active service for five years. After these covers have been well filled the pages are fastened together with clips and put into envelopes which are then labeled and stacked away in order. I can tell the head of the house, within a few minutes, exactly how much white paper we used in a certain issue of any paper, how much money was spent for the reading matter you had that week and just how every other item of the departmental business stood or stands. If I kept all this information in the old fashioned way the accumulated books and letters would create a fire risk which the business manager would promptly resent. And it would require a day for me to get the information needed some morning when the time might be used to better advantage.

Here's the Idea.

Now, this is the point: If all the fussy details of my office can be recorded in two or three little books such as are now used it stands to reason that a farmer or a hog man or a cattle feeder might keep his accounts in the same way. You would be surprised, I believe, to know how many farmers and stockmen are thinking the same way. You don't have to take my word for it, either. We have the letters. Indeed we have printed many of them in the last year. These letters show that the writers are talking and thinking business, bookkeeping, records, typewriters. Some use card systems, some have cabinets, but all, no doubt, are eager for improvements. Read and see if you don't agree with me that modern ideas are prevailing in Kansas:

The Books He Uses.

I am confident that one half the farm failures can be traced indirectly to the absence of any system or record of the farm management. It is a self evident fact that only by a methodical system of keeping accounts can a comprehensive understanding of the profits and losses of the farm be ascertained. It is not

necessary for the average farmer to have an office with all the modern equipment but he should have some place where he can keep all papers, books, and everything pertaining to the business of the farm. An office apart from the living rooms of the home would be a source of convenience and profit if he could have it. It often happens that there are business matters to talk over with neighbors or business associates that you do not care to discuss before your family. I have seen men stand out in the cold and wet for hours discussing farm and stock matters. This is not only detrimental to good health, but it has a tendency to sour a man's temper. The average man can write a more satisfactory letter if removed from all interruptions.

My bookkeeping system I use consists of a set of blank books, about 4 by 6 inches, one for every department on the farm. In each book I keep a complete record of all purchases and sales in that particular line of stock or grain, also the cost of producing the same. It is a simple matter at the end of the year to balance up and you have the satisfaction of knowing what each department of the farm is doing.

It is not uncommon to find that we are producing certain stock or grains at a loss. With no records to go by we are very apt to get into the rut and stay there. I am certain we can eliminate some of the uncertainties and leaks by keeping a careful account of all the details of farm production. In no other line of business do we find the same reckless disregard of business principles. There never was a more opportune time, than the present for us to wake up to the fact that modern agriculture is calling for a more systematic endeavor.

Hartford, Kan. F. H. Grippin.

Pop—And There He is.

I have my office in one corner of the dining room, the table being near it. I simply turn my chair, when through eating, and pop—I am in my office, ready for the day's account or business of any kind. My office equipment consists of a chair, a secretary, a shelf, a calendar and a coal pail near the stove as a waste basket. The secretary is of the modern style, having 16 parts. Parts 1 to 5 contain books; part 5 contains 75 bulletins and catalogs; part 6 contains the Farmers Mail and Breeze; part 7 is card filing and pedigree drawer; part 8 contains writing supplies; part 9 contains canceled checks of ten years' business. When I give a check I also write on it what it is given for; these act as receipts when account is balanced. Part 10 contains cash receipts of all kinds; part 11 contains letters and copies; part 12 contains Ropp's commercial calculator, dictionary and other small reference books; part 13 contains notes; part 14 my farm deed and valuable papers; part 15 contains pocket maps and directory; part 16 contains my invoice records, for I invoice at the end of every year.

My office lacks the typewriter, which I consider would be of great value for writing and preserving correspondence, filling in pedigrees, writing contracts and keeping records of the farm. If all farmers would use the typewriter there would be less difficulty in reading their writing.

I have been farming for myself for ten years. Now own a good quarter section well stocked, in a well developed community, nearly paid for. Did not inherit it, nor homestead it. My office work during the ten years, largely brought me this success. The reason many farmers fail is because they do not have an office by which they can keep posted on their financial standing. I know a number of farmers, having farm offices, some with modern conveniences, such as the typewriter, and they are the ones who are succeeding.

Thomas, Okla. J. I. Haldeman.

The Card System.

In every line of business the great problem is not only "how good," but "how much." Consequently anything that increases the efficiency or the output of an institution is a necessity.

And all earth's billions spent to insure peace utterly wasted!



Most Important "First Aid" in Case of Illness

A comfortable, warm room night and day makes it much easier to take care of a sick person. Especially if the heat is from a portable stove that you can carry wherever you wish—the NEW PERFECTION Heater that burns clean, convenient, economical oil, most satisfactory of fuels.

This little heater will keep the family comfortable all winter, whether they are sick or well.

Invaluable in early spring and fall when the regular fires are out.

PERFECTION
SMOKELESS
OIL HEATER

Look for the Triangle for Warmth, Comfort and Good Cheer

Burns 10 hours on one gallon of oil—can't smoke. No trouble to re-wick. In the New Perfection wick and carrier are combined. Fresh wicks come ready to put in, trimmed, smooth and ready to light. For best results use Perfection Oil.

Your dealer has the NEW PERFECTION Oil Heater on exhibition. He will be glad to show you the different models. Send us your name on a postal and we will forward you the NEW PERFECTION Book.

STANDARD OIL COMPANY (AN INDIANA CORPORATION) Chicago, Ill.

(249)

Feared the Tax Amendment

Because Farmers Have No Faith in Legislatures Many Voted "No"

BY HARLEY C. HATCH

WE had a good meeting at the Grange last night. One of the questions discussed was the amendment to the constitution relating to the classification of property for taxation. This and the election will be old matter by the time you read this, and the question will have been decided, but we shall give you the viewpoint of the meeting just to show you how the people of this vicinity sized up the matter. They decided the amendment would be a good thing could we have impartial legislatures to carry it into effect. They feared the action of future legislatures, however, because this amendment would give them the power to take all taxes off personal property and place them on land. Rightly or wrongly, there is no question but that farmers fear the single tax.

Cattle are being fed on pastures. Feeding began right after frost, October 26. Where the pastures are near the house the cattle are still allowed to run on them but are being fed a little to help them out. On this farm we are feeding the kafir fodder and the stock are eating it with relish, which is an agreeable surprise to us. The kafir became so thoroughly ripe before it was cut that we feared the quality of the fodder would suffer but apparently it has not.

A letter from a reader at Ellsworth, Kan., asks if second growth cane or kafir will injure stock if it is well cured before being fed. We never have fed any second growth cane or kafir made into hay, so cannot tell from personal experience what it would do. However, from our reading we gather that if well cured it loses its poisonous quality. We should not care to say that it was absolutely safe to feed and should like to hear from those readers who have fed it. Does frost eliminate the poison? A good many would like to know.

Corn is now fully dry and husks easily. In fact, some of it breaks off a little too easily. The ear comes off in your hand as you take hold of it. This means that the fastest husking cannot be done. To make speed the husk must stick to the stalk. Corn is turning out as well as was expected.

During this month and the next, corn will sell at the lowest price of the year. At least it always has sold lowest during these months and we see no reason why it should not again. So that if you wish to buy now is the time, but if you wish to sell it would be well to hold on as long as possible before letting go.

It is unfortunate that those who stand most in need of the highest prices for their produce have to take the lowest. There are many farmers every year who have to sell most of their corn to "square up" and they are compelled to take less because so many sell at that time. We have read somewhere the saying that, "the destruction of the poor is their poverty." It is unfortunate that the very fact of their poverty tends to make the poor poorer still.

The hardware dealers here are offering for sale sheet steel wagon floors to be put on over the old bottom if it is full of holes. If a man is in a hurry and wishes to haul grain or pick corn we haven't a doubt but that one of the steel bottoms will soon pay for itself by saving grain. But if a man has a little time it is far better to put a new wooden bottom in the wagon. To do such a job takes time which would cost more than the material used. To floor a wagon with a good grade of hard pine flooring would cost for material about \$1.25 and about twice that for work, so that as far as cost is concerned there would not be much difference between the wood floor and the sheet steel one. If a man were in a hurry it would be much easier and quicker to nail in the steel one but we do not think it would last as long nor stand as many hard knocks as the wood.

The painter who is at work on the new house tells us that there is no paint for outside work in eastern Kansas that equals pure white lead and oil. This is what we have been told by other mechanics who have had a great

deal of experience in building here. But the painter on our job has worked for several years in western Kansas and says for that part of the state, the prepared paints are far better than the lead and oil. In the East lead and oil is considered the best and it will last and look well for years. The brightness and freshness of the white farm houses in New England is not altogether due to recent painting but to the fact that paint there will look well after it has been on for years. This is due to the climate. They do not have our hot sun nor our strong winds. Neither wood nor paint decays in winter and their winter lasts about eight months in the year, so really there is no decay except during the four rather cool summer months. The lumber used in building in the East also is better adapted to hold paint than much of the lumber sold here. Altogether, this is a hard country on paint.

English Hens Should Win

BY T. E. QUISENBERRY.

All pen records in the National Egg Laying contest at Mountain Grove, Mo., had been broken at the end of the tenth month. The average number of eggs laid by each hen is in excess of any previous record made at Mountain Grove. This is by far the best contest we have ever held and the hens will average at least 20 eggs more than in the first contest three years ago. This shows that good results come from such contests and from the interest and attention poultry raisers have manifested in selection and breeding for egg production.

We were pleased to have foreign birds compete with our American pens, for such competition stimulates us to greater effort. While foreign fowls seemed destined to win all the prizes the first two years it is not so much so today. Good individual records and good pen records are being made by American birds. Excepting the one English pen, American birds have been in the lead at all times. Reds, Wyandottes and Barred Rocks and some of the other large breeds have been crowding the Leghorns for first place. This shows the larger varieties can lay as well as the smaller ones if properly selected and bred.

The English Leghorns are consistent layers and made a record hard to equal. The trouble with the average pen is that there are a few heavy layers and some low in egg production. This brings the average down and causes the pen to lose. We should fix the egg laying characteristics in our flocks so that all the hens will make a good average yield for every month in the year. This will be possible when we have continued our selection and breeding for egg production a few more years. It seems likely that every hen in the winning English pen will lay more than 200 eggs during the contest year. All are consistent layers and there is not a bad hen among the ten. At the end of ten months these hens averaged 213 eggs each. The Reds, Wyandottes, Rocks, Minorcas, Orpingtons and others have also made good averages. You can take any of the leading varieties and by using a little commonsense and "gumption" get satisfactory results. All the good qualities are not confined to any one variety.

At the close of the tenth month the three leading pens were composed of S. C. White Leghorns. The English pen led with 2,136 eggs; a Missouri pen was second with 1,909 and a Pennsylvania pen third with 1,894. S. C. Reds from Missouri were fourth with 1,850 eggs. The leading hen in the contest is a White Leghorn from Nebraska with 239 eggs.

Sudan Grass at Garden City

I have grown Sudan grass for two years. Much of the planting of last year was eaten by grasshoppers. This year the crop grew well, and it produced a good crop of forage. This grass is drouth-resistant and it makes good hay; the horses, however, do not eat the stalks well. Sudan grass seed crosses readily with Johnson grass, and so Kansas seed should always be planted.

H. Willis Smith.

Garden City, Kan.



Copyright 1914 by R. J. Reynolds Tobacco Co.

P.A. takes the Razoo out of the Jimmy Pipe

Yes-siree-bob, you can put this down for P. A.: it cuts out all that singe and smart that have been making you wonder why on earth so good a friend as a pipe has to turn around toward the last and bite the everlasting lining out of your taster.

PRINCE ALBERT

the national joy smoke

inoculates you with genuine pleasure, because the patented process takes out the bite and leaves only the best of good times.

You know the tidy red tin of P. A. at 10c the throw, and the tippy red bag, 5c. But for keeping Prince Albert at home in A-1 apple-pie condition just you risk the price of a pound crystal-glass humidior and you will always have the grand old joy smoke in the old tobacco box. Also sold in pound and half-pound tin humidiors. Go to it, John—and don't spare the 'osses.

R. J. REYNOLDS TOBACCO CO.
Winston-Salem, N. C.



Young Men Wanted

"The United States Civil Service Commission announces that it has been unable to supply the demand for male stenographers and typewriters in the United States Government Service, especially at Washington, D. C.

"Young men who are willing to accept appointment at an entrance salary of \$840.00 to \$900.00 per annum have excellent opportunities for advancement. Advancement of capable appointees is reasonably rapid. The Government Service offers a desirable field to bright and ambitious young men. Examinations are held monthly except December."

The above announcement is made by the United States Government and therefore represents a very real opportunity for young men who are desirous of securing good positions. It will be remembered that Geo. B. Cortelyou started as a stenographer in the Post Office Department and rose to a position in the Cabinet of Pres. Roosevelt, all in seven years. This does not mean every stenographer will eventually secure a Cabinet position, but it indicates the possibilities of the Government Service.

If you want to secure a position paying from \$70.00 to \$75.00 per month to start, with excellent opportunities for advancement this is your chance. We have the One System that belongs to the 20th Century, so comprehensive that it is being used from Ocean to Ocean. It is the one system by which you can qualify in one-half the time formerly required.

A Railroad Position We have a special arrangement with a large Railroad Training School whereby our graduates can enter their excellent institution, where they are prepared for important positions on the company's lines, and as soon as they are ready they are sent out as Station Agent Helpers and as vacancies occur they are promoted to fill suitable available positions. Here is an excellent opportunity of getting into the Railroad Service.



Young men desiring to qualify for the Government Service as Stenographers or for the Railroad Service as Station Agents are requested to send for application blanks at once.

Southwestern Railroad Telegraph School,
410 Granite Bldg., St. Louis, Mo.

Deep Tilling Records

It's a matter on record that deep tilling, when properly done, is equally good for carrying crops through dry spells as through abundant rains. Because the 12 to 16 inches deep seed-bed will store the moisture as well as take care of the surplus water.

Write us today and find out what the Spalding Deep-Tilling Machine is doing and has done for farmers near you for the last two or three years. Write to us and ask your dealer as well.

Spalding Department 89
Gale Manufacturing Company, Albion, Mich.



Why Church Pews Are Empty

Too Many Suppers Leave Little Time For Real Worship

BY MRS. ALICE ELIZABETH WELLS

I WENT to church yesterday. I generally do, once every Sunday. There was no preaching at our own, the pastor being away on his annual vacation, so, as soon as Sabbath school closed "our clique" dropped into a neighboring church, "just as good," close by. I was surprised to see more empty pews than filled ones; surprised too, to notice such listless indifference on the part of those who were there, to the really good sermon presented by their pastor. One "pillar" nodded assent to the message behind closed eyelids, another interested himself in the serial story of his Sabbath school paper and some of us, I am sure, studied the make-up of new gowns worn in the choir corner. I fell into a wondering attitude myself and gave my mind up to silent queries. My questions were answered in part before I left the building. Pulpit announcements included "Chicken pie supper at the church Wednesday evening, given by the Ladies' Aid;" "Lecture Tuesday evening;" "W. C. T. U. Wednesday afternoon;" "Prayer meeting Thursday evening;" and "Choir meeting Friday night." On my way to the door I was invited to "An old ladies' prayer meeting Thursday afternoon"—I shall not go; I'm not old enough—"A surprise on the pastor Thursday evening,—it's his birthday you know; bring a 'well filled basket'"; "A G. A. R. social at Comrade Brown's; ladies bring cake; comrades furnish ice cream." I waited to hear no more, but rushed home to papers, magazines and books that had stared me in the face for several days begging for attention. My, oh, my! Every blessed person in that congregation, big enough, works for daily bread in bank, shop, store, kitchen or field. Some of them will take in all the "doin's" mentioned; most of them will have an active part in many other things as well, such as lodges, going to town, visiting and entertaining company. Spread out over so many and such a variety of activities during the week, no wonder we are too thin for interested Sunday services.

More Cash, Less Chicken Pie.

Conditions like these are not confined to rural churches. I find by comparing notes with individual members of city churches, problems are about the same. I suppose the time has passed when people go to church to save their souls. "I do my own thinking," said one when invited to attend. If he is really thinking, he is doing better than most persons can, who try to keep up with the procession described. I should like to see the church hold second place—the home the first, every time—in the hearts and esteem of every community and every individual connected therewith, but it never will, while money for current expenses must be raised by giving socials, holding markets, serving lunch at public sales or in any other manner than by dignified appropriation from personal pockets, liberal and proportioned according to the prosperity of every member.

I said "we" a while back, but really I do not belong "in the swim," myself. There was a time, years ago, when I felt called to have a finger in every pie that had a flavor of church work attached. I discovered one day, while laid up for repairs after overwork, that some of the very best things of life were being crowded out. After prolonged study, I drew a line of demarcation over

which I refused to be led. I have been living, ever since with time to study the stars overhead, the birds and flowers, plants and soil. I love the Maker of all these, more than ever I could while I was so busy following the lead of those in "the Right Way." I have a deep interest in the boys and girls who pass Meadow Lodge on their way to and from school, and have time for beloved books and periodicals, time for writing, time to study my Sabbath school lesson and teach my class of girls intelligently, and time in which to grow. I believe the church never can hold a higher place in any community than that held by the majority of its individual members. It follows then—doesn't it? that in order to change our churches into more efficient and better beloved religious centers, we, as members, must see to ourselves that we take time to be holy, intelligent, progressive and interested in things worth while.

Each in His Own Tongue

A fire-mist and a planet,
A crystal and a cell,
A jellyfish and a saurian,
—And caves where the cavemen dwell;
Then a sense of law and beauty,
And a face turned from the clod—
Some call it Evolution,
And others call it God.

A haze on the far horizon,
The infinite tender sky;
The ripe, rich tint of the cornfields,
And the wild geese sailing high;
And all over upland and lowland
The charm of the goldenrod—
Some of us call it Autumn,
And others call it God.

Like tides on a crescent sea-beach,
When the moon is new and thin,
Into our hearts high yearnings
Come welling and surging in—
Come from that mystic ocean
Whose rim no foot has trod—
Some of us call it Longing,
And others call it God.

A picket frozen on duty,
A mother starved for her brood,
Socrates drinking the hemlock,
And Jesus on the rood;
And millions who, humble and nameless
The straight, hard pathway plod—
Some call it Consecration,
And others call it God.
—William Herbert Carruth.

Winter Quarters For Flowers

Jack Frost has been busy these November nights leaving his blighting marks on the flower gardens that held out so bravely through all October. He threatens to make harder attacks in the coming weeks and flower lovers will do well to begin now to protect their garden favorites from him. Cannas and dahlias, which like warm climates, must have their roots or bulbs dug up and stored in the cellar as soon as their tops have been killed by the frost. No more earth should be shaken from the roots than is necessary to remove them from the ground. The plants may be placed on racks or in slat boxes so the air can circulate freely through them. The temperature of their place of storage should remain about 55 degrees, never going above 60 or below 50 degrees Fahrenheit.

heit. Bulbous plants, such as gladiolas and tuberose do better if they are freed from all soil and dried in the open air a day or two before storing. The dead tops of all vegetation should be removed from the flower beds after frost comes so that the yard will have a trim and neat appearance for the winter.

Hardy perennials as peonies, larkspur, columbines, iris and perennial poppies should be covered with a good coating of manure or other litter to a depth of 3 or 4 inches before freezing weather sets in. In more southern localities this treatment will hold the frost in the ground during the winter and keep the plant from alternately freezing and thawing; in more northern regions the manure will keep the plant from freezing to so great a depth that its water supply would be cut off and the plant killed. In Kansas and Oklahoma pansies do well if set out in the fall and protected through the winter with manure as the other perennials. Often a pansy bed which dies down during the heat of the summer will revive during the fall and may be carried safely through the winter, showing cheery little velvet faces much earlier in the spring than do those plants started from the seed in April or May. Geraniums which are not to be kept as house plants should be taken up before they are frost killed and packed close together in deep boxes, upright, and with a little dry soil about the roots, and stored in the cellar.

Most Blindness Starts at Birth

There are about 300,000 blind persons in the United States. Probably 75 per cent of this blindness is due to two causes, sore eyes at birth and neglected eyes during early school life. The first cause can be removed in the simplest manner. All that is necessary is for the doctor or midwife to drop into the eyes of the newly born babe a few drops of a 2 per cent solution of nitrate of silver. This will kill the germs that produce the disease which almost fills so many blind asylums. Those who are about to become fathers and mothers should see to it that this simple act is performed by the family doctor. It costs nothing, is harmless, it prevents blindness, it can easily be done; therefore, it should invariably be done!

The second cause of blindness is the neglect of children's eyes during early school life. Eye diseases are frequently quite simple at the start, but rapidly become worse if neglected. The eyes of schoolchildren should be examined every year.

A Novel Thanksgiving Table

[Prize Letter.]

My Thanksgiving table is going to call forth shouts of delight from the children this year for I am making a company of hickory nut dolls for the decorations. I use the nuts for heads, marking features with ink or paints, and bore a hole in each nut to insert the stick which is to form the body. The stick must be glued securely to the nut. The nuts are dressed in various styles as Priscilla, Miles Standish, the belle, the old beau, the negro porter, the baby, grandma and others. The dresses are made of scraps of silk, gingham, or crepe paper. In the center of the table, I shall place a large nut bowl or an Indian basket. In this will be the nut family, with a ribbon tied to each and leading to the various place cards. Autumn leaves will be arranged over the top of the bowl so that the dolls will be concealed till the guests are seated and the signal is given for each to pull the string. If one is good at rhyming, it will cause much merriment to have attached to every doll a verse fitting the character represented or the guest for whom it is intended. M. J. B.
R. 2, St. Marys, Kan.

Don't Hoard Old Clothes

I very seldom visit a farm but what I see a closet full of old clothes. Sometimes even, I have seen a great pile of cast off garments in the granary or some shed. Say, sisters, look about you. Don't you know that some one needs the very things you are letting go to waste? Some things you class as rubbish might mean comfort and joy to persons less fortunate than you. If you do not know of anyone near you who needs these old garments, gather up

as many as you can and send them to the nearest town or city where the Provident association or the Salvation army will be glad to distribute them for you. I sometimes think we farmers' wives miss lots of enjoyment by being too busy to help others. Mrs. V. A. Coffeyville, Kan.

Over 350,000 women signed the suffrage petition which was rejected by the Swedish parliament.

HOME DRESSMAKING

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

Ladies' dress No. 6792 is a design sure to prove popular. The pattern is cut in sizes 34 to 44 inches bust measure and for size 36 requires 3 yards of 54 inch material for waist and tunic and 3/4 yard of 36 or 44 inch material for plain lower section.

The shirt waist illustrated in No. 6836



is cut in sizes 34 to 44 inches bust measure. Size 36 requires 2 1/2 yards of 36 inch material.

Skirt No. 6852 is cut in 3 gores. The pattern may be had in sizes 22 to 32 inches waist measure. Size 22 requires 2 1/2 yards of 54 inch material.

Pattern No. 6842 is cut for girls from 8 to 14 years. Age 8 years requires 2 yards of 54 inch material.

Very pretty and simple for the tiny girl is pattern No. 6862, which is cut in sizes 2, 4 and 6 years. Age 4 years requires 2 3/4 yards of 27 inch material.

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.



The Church Ranks as High as Its Members

Bake an Apple Pie for Father

Try One and Keep Tab on Your Results

BY LUCILE REBECCA BERRY

PIE crusts next. Suppose you try apple pie for the first one. If you don't have apples on hand, make it of berries or raisins or prunes. The crust will be the same for all. First comes the recipe, then the directions and explanations about pies. For a two crust pie, use: One and one-half cups flour, 1/2 cup lard, 1 1/2 teaspoons salt, ice water to moisten.

Remember that every measurement is level. Scrape off the top of the cups and measuring spoon with a knife when filled, to be sure that you have just the right amounts. When you have your ingredients measured, put them somewhere to become thoroughly cold. Put the knives and bowls and pans you will use with the materials to be chilled. There is a reason for this. When you make bread you have yeast in it to make it rise. When you make cakes, you have baking powder to make them light. But when you make pie crusts, you put in nothing of the sort. You remember from your studies, that cold air when it is heated, expands. Cold air is the only thing in your pie crust that will make it light and flaky. In mixing the crust, you combine some cold air. When it is heated in the oven, it expands, and your pie crust is flaky and tender. If the air you put in the oven in your pie is already heated, it will not expand so much, and your pie crust will be tough. The colder the air, the better. It is important to have the shortening cold and hard, the flour cool and the water ice cold. Handle the materials as little as possible with your warm hands to avoid heating them. When you have everything properly chilled, you are ready to begin work.

How to Mix the Materials.

Add the salt to the flour and put your lump of shortening into the pan. Take two cold case knives, and cut the fat into the flour working as fast as you can. Work with the flour and fat until they are thoroughly mixed and the particles are fine and powdery. Then add just enough cold water, a teaspoonful at a time, to make the particles stick together. Don't press or knead this dough, or your pie crust will be a failure. Press it lightly and handle as little as possible. Divide the dough into two parts, one for the top and one for the bottom crust. Turn one part onto a lightly floured kneading board and push the pieces together with knives into circular shape. Then powder the rolling pin with flour, and roll the pie crust into a thin sheet as nearly round as possible. Make it a little larger than the tin, to allow for shrinkage in baking. When ready to fit it into the pan, lay it on the pan from one side so as to leave no air bubbles between the paste and the tin.

Roll out the other crust next, then the pie is ready for the apples. They should be ready beforehand. Have them washed, peeled and sliced into thin pieces. Arrange your sliced apples in your pie tin smoothly, sprinkle them liberally with sugar, squeeze over them a little lemon juice, and add some small particles of butter. Cover with the other crust. Press the two crusts together with a floured fork. Trim the pieces from the edge, holding the knife handle well under the pie tin to make the crusts extend as far over the edge of the pie tin as possible. Cut some holes in the top crust to let the steam escape when the pie is cooking. You can make a fancy scroll of some sort which will be decorative.

You can use canned berries or fruit. Fill the crust with berries, sprinkle them rather thickly with flour and sugar, cover with the other crust and bake in a moderate oven.

For the contest pies you may use any sort of filling you wish. Don't forget



Apples For the Pie.

that you are making your pie for a contest, and remember to write down the story of your trial for the letter you are going to write when all of the cooking lessons have been published. Next week comes the last one. You will be told the address to which to send your letters. A gun metal initial watch will be given to the girl writing the most interesting letter telling her experiences, a book to the two writing the next most interesting ones, and each girl whose letter may be published, will receive a set of post cards.

Did You?

B. F. COEN.

Did you ever know a boy who owned the pigs and lambs, but whose dad owned all the hogs and sheep?

Did you ever know a boy who didn't like to have a room of his very own with a stove in it, so that he could stay there even on a cold night?

Did you ever know a boy who didn't like to have a horse and buggy of his own? How did you like to ask dad for the horse and buggy every time you wanted to go somewhere?

Did you ever know a boy who didn't work better when he had a share in the crop, or when he had one field with which to do as he pleased?

Did you ever know from being a boy, how the town-worker boy was envied because he had a room that was his very own; a room in which he could leave his trunk and good clothes and know they would be unmolested?

Do you realize that the way you felt under these conditions is about the way all the other boys feel?

Did you know that time and thought spent on boys will pay just about as well as time and thought spent on pigs, cows and sugar beets?

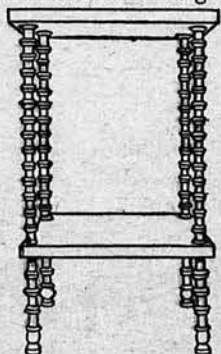
The Stand That Ralph Built

BY JENNIE E. STEWART.

Here is a little stand that was made by a thirteen-year-old boy as a present for his mother. The only expense to the boy was a few cents for 4 long slender iron rods and a ten cent bottle of stain and varnish combined, in a dark brown shade.

The rest of his materials consisted of two ends from a grocer's box and about a hundred empty spools. The box ends, which were about a foot square, were first sandpapered and smoothed up as nicely as possible, and a hole bored in each of the eight corners large enough to accommodate the rods. The iron rods were first slipped down through holes in the board which was intended for the top. He had first made some "sinks" to allow the flat ends of the rods to sink below the level of the top. Following the top, came 15 spools carefully graded as to size. After 15 had been put on each rod, the lower shelf was put on and five more spools added to each leg. At the bottom of each leg, the extreme end of the rod was slipped into a round block cut from the end of a broomstick and with holes so small that the blocks had to be driven on with a hammer. This made the whole table solid. The varnish and stain was next applied and when it was dry a second coat followed.

Ralph afterwards made a footstool in the same way using shorter rods with three spools below the shelf, and but two above. Instead of putting the rods through the top of his next table and



having to fill up the holes with putty he now puts the rods through a couple of hard wood strips each 1 1/2 inches wide and 10 inches long. These strips are screwed underneath the table top with three long screws each. It makes a much better looking table and is really stronger.

Ralph has just completed a magazine rack for his mother made in the same way as this table. It has 4 shelves beside the top, and there are four spools between shelves. Ralph gets his friends to save spools for him and he plans to make some of his furniture to sell, now that his mother has enough.

Where Licorice Grows

Have you ever saved your money to buy licorice root? Probably you call it "lickrish" root. If you have ever chewed on a piece of it, you will be interested in knowing where it comes from. Much of that used in America comes from Syria. Here the root grows wild in great stretches of open country where the soil is more or less damp. Licorice is made by evaporating an infusion of the sliced roots. The roots are dug up and piled in great stacks, where they remain until they are perfectly dry. They are then taken to a factory and pressed by machinery into bales for shipping. It is said that on an average 8,000 tons of dry licorice root are shipped from Aleppo annually, while Bagdad yields 6,000 tons. From other points nearly as much is shipped.

More Institute Dates

With the completion of the third institute circuit, the work of the Kansas Agricultural college will have been taken this fall into 159 communities in widely separated parts of the state. The speakers and dates of the third institute circuit as prepared by E. C. Johnson, superintendent of institutes, include:

H. J. Bower and Miss Louise Caldwell—November 16-17, Cedarvale; November 18, Dexter; November 19-20, Hackney; November 21, Geuda Springs.

George O. Greene and L. G. Hepworth—November 17, Jewell; November 18, Scandia; November 19, Hollis; November 20, Haddam; November 21, Morganville.

C. H. Taylor and Miss Addie D. Root—November 16, Burdett; November 17, Ellinwood; November 18-19, Lyons; November 20, Lorraine; November 21, Wilson.

T. J. Talbert and Miss Stella Mather—November 16, Burrton; November 17, Sedgwick; November 18, Moundridge; November 19-20, Newton; November 21, Potwin.

P. E. Crabtree and Miss Florence Snell—November 16, Nashville; November 17, Zenda; November 18, Rago.

A. S. Neale and R. H. Sherwood—November 16, Kiowa; November 17-18, Medicine Lodge; November 19, Attica; November 20-21, Florence.

Lee H. Gould and Miss Frances L. Brown—November 16-17, Garden City; November 18-19, Lakin; November 20-21, Syracuse; November 23, Johnson; November 24, Richfield; November 25, Elkhart; November 26, Hugoton; November 27, New Ulysses; November 28, Santa Fe; November 30-December 1, Kinsley.

W. A. Boys and H. T. Nielsen—November 16-17, Gove; November 18-19, Russell Springs; November 20-21, Sharon Springs.

A. R. Losh and Dr. C. A. McCall—November 16, Fostoria; November 17-18, Westmoreland; November 19, Havensville; November 20, Soldier; November 21, Onaga.

Kansas Gives Efficient Training

Students are enrolled in the Kansas Agricultural college this fall, from three foreign countries and 18 states. Japan and China are each represented by one student and Hawaii by two students.

The states having students in the college are: Missouri, 44; Nebraska, 21; Oklahoma, 9; Colorado, 7; Texas, 7; Iowa, 6; Arkansas, 6; Illinois, 5; Arizona, 2; Ohio, 2; Wisconsin, 2; South Dakota, 1; Minnesota, 1; Pennsylvania, 1; West Virginia, 1; Idaho, 1; and Massachusetts, 1. The total enrollment for the year has reached 2702 and is expected to pass the 3,000 mark later in the year.

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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.

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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 Elkfall 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. Grace is obliged to spend the night at Lone Hollow and asks Lorimer to ride to Carrington Manor and inform her father of the fact. He reaches the manor in time to rescue Grace's father from highwaymen who are trying to force him to sign a check for a large amount and also to disclose the whereabouts of a treasure chest.

The highwaymen escape but one is found, later, nearly frozen and returned to the manor by Macfarlane of the mounted police. Grace offers to care for the dying robber.



HEY carried their burden into another room, and I waited beside the stove, with two faces stamped on my memory. The one was that of the wounded man with its contraction of pain and glassy stare, and the other the countenance of Grace Carrington transfigured for a moment by a great pity that added to its loveliness. Still, the coming of this unexpected guest cast a gloom upon us, and we seldom saw Grace, while Ormond, who seemed to know a little of everything, once said on passing: "I have fixed him up as well as I could, but I think a broken rib has pierced his lung, and he's sinking rapidly. However, Miss Carrington is doing her best, and he could not have a more efficient nurse."

It was late in the afternoon when, on tapping at the door in search of tidings, Ormond called me in. The daylight was fading, but I could see the limp, suffering shape on the bed, and Grace sitting near the window, leaning forward as though listening.

"Light-headed at times!" said Ormond; "but he was asking for you. Do you feel easier now? Here's another inquirer anxious to hear good news of you."

The man turned his drawn face toward me, and tried to smile as he said: "I guess you're very good. Hope you don't bear malice. You oughtn't to anyhow—nearly broke my neck when you fired me through the doorway. All in the way of business, and I'm corralled now."

I bent my head with a friendly gesture, for even I could read death in his face, and the outlaw, glancing toward Grace, added:

"If I'd known you, Missy, we'd never have held up this homestead. White people all through, and you're a prairie daisy. What made me do it? Well, I guess that's a long story, and some of it might scare you. A big man froze me off my land, and some one rebranded my few head of stock. Law! we don't count much on that; it's often the biggest rascals corral the offices, and we just laid for them with the rifle. They were too many for us—and this is the end of it."

Grace moved toward him whispering something I could not catch, but the man smiled feebly, and I heard the grim answer:

"No; I guess it's rather too late for that. I lived my own way, and I can die that way too. Don't back down on one's partners; kind of mean, isn't it? And if it's true what you're saying I'll just accept my sentence. Going out before the morning; but I sent two of the men who robbed me to perdition first."

Ormond raised his hand for silence, and again I could hear the shrilling of the bitter wind that was never still. Then he said softly: "You are only exciting him, and had better go," and with a last glance at Grace's slender figure stooping beside the bed, I went out softly.

"Gone!" he said simply. "Just clenched his hand and died. There was some fine material wasted in that man. Well, I think he was wronged somehow, and I'm sorry for him."

We turned away in silence, for a shadow rested upon Carrington, while the outlaw lay in state in the homestead he had helped to rob, until the Northwest Police bore what was left of him away. But before that time we rode back to Fairmead.

A RECKONING.

IT was some time after the holding up of Carrington Manor before I was able, with Jasper's assistance, to fulfill my promise to Minnie Fletcher. Jasper knew everybody within fifty miles up and down the C. P. R. Line,

and at least as far across the prairie, while they all had a good word for him. So when he heard the story he drove us over to Clearwater, where an elevator had been built beside the track, only to find that the agent in charge of it had already a sufficient staff. He, however, informed us that the manager of a new creamery wanted a handy man to drive round collecting milk from the scattered homesteads who could also help at the accounts and clerking. Such a combination might not have been usual in England, but in the Western Dominion one may find University graduates digging trenches and unfortunate barristers glad to earn a few dollars as railroad hands.

"I guess we'll fix him up in that creamery," said Jasper. "The man who runs it was raised not far from the old folks' place in Ontario," and we started forthwith on an apparently endless ride across the frozen prairie. Some of our horses are not much to look at, and others are hard to drive, but the way they can haul the light wagons or even the humble ground sleigh along league after league would surprise those not used to them. We spent one night with a Highland crofter in a dwelling that resembled a burrow, for most of it was underground, but the rammed earth walls kept out the cold and the interior was both warm and clean. We spent another in somewhat grim conviviality at the creamery, for the men whose fathers hewed sites for what are now thriving towns out of the bush of Ontario are rather hard and staunch than sprightly.

Still, the manager did his best for us, and said on parting, "Send him right along. I'll give any friend of yours a show if Jasper will vouch for him. Pay's no great thing as yet, but he can live on it, and if we flourish he'll sail ahead with us."

So we brought Thomas Fletcher out from Winnipeg by joint subscription, and it cost us rather more than we cared about, for he came second class, while at that time Harry and I would have traveled "Colonist," or on opportunity would have earned our passage by tending stock. If we could spare a dollar in those days we wanted it for our land. The old jauntiness had gone out of Fletcher. He looked worn and thinner, with, I fancied, signs of indulgence in alcohol, but he professed his willingness to work hard at anything that would keep a roof over Minnie's head. We drove him across to the creamery, and the manager seemed disappointed when he saw him, while on the journey home Jasper said:

"I've been sizing up that young man. Strikes me he's too much like the trash you British are over-fond of dumping on to us. Why can't your people understand that if a man's a dead failure over there we don't want him? Dare say he's honest, but he's got no sand. Let that fellow sit up and talk over a glass of rye whisky and a bad cigar and he's right there; set him wrestling with a tough job and he'll double up."

Jasper posed as a judge of character, and I felt inclined to agree with him. Fletcher had not the appearance of a vicious or dishonest man, but I fancied under pressure of circumstances he might become one.

We built a new stable and barn that winter, hauling suitable logs—and they were very hard to find—ten miles across the prairie, while Harry nearly lost his hands by frost-bite, bringing in one load. Nevertheless, and there is leisure in that season, we drove over now and then to Fletcher's humble dwelling beside the creamery, and were both embarrassed the first time Minnie thanked us with tears in her eyes. Already she was recovering her good looks and spirits, but as Fletcher's pay would be scanty until spring the odd bags of potatoes and flour we brought them were evidently acceptable. We had received help freely when we needed it, and it seemed only fitting that now we should help others in turn; so we did what little we could, and, as transpired later, it brought trouble on us. Also we managed to pay a few visits to other neighbors who lived at any distance within thirty miles, including a few farms of the Carrington group, where, perhaps especially for Harry's sake, they made us welcome, and we went twice to Carrington Manor. The second visit was a memorable one.

It was a still, starlit night with an intense frost and a few pale green streamers shimmering in the north, but the big main room of the Manor with its open fireplace and central stove was very warm and snug. Our team was safely stabled, for owing

to the distance we could not well return that night, and since the affair with the cattle thieves Colonel Carrington had so far as in him lay been cordial. He sat beside the glowing birch logs, silent and stern of aspect as usual, with a big shaggy hound which I had seen roll over a coyote with a broken spine curled up against his knee, while the firelight flickered redly across his lean, bronzed face. Opposite sat his sister, who partly resembled him, though in her case the Carrington dignity was softened by a winning sympathy. She was an old maid of a fine but perhaps not common type, white-haired and stately, and in all things gracious.

Harry, who was a favorite of hers, knelt with one knee on a wolf-skin rug, turning over a collection of photographs on a low table that she might see, and she smiled at some of his comments. Ormond leaned against the wall behind them interposing whimsical sallies, and casting occasional glances toward Grace and myself. Resigning his commission, he had lately, we understood, purchased land near the Manor. One or two other of the Colonel's subjects also were present. Being lighted with shaded lamps that shed their soft radiance only where it was wanted, portions of the long room remained in shadow, so Grace and I, sitting near one window, could look out between the looped-back curtains across the prairie. High over the sweep of dimly glimmering snow hung a vault of fathomless indigo. It was not such a sky as one sees in England, but rather a clear transparency where the stars, ranged one behind the other, led the gaze back and lost it in infinity, while at intervals a steely scintillation flickered up from horizon to zenith and then back again. Feathery frost-flowers on the window framed the picture like a screen of delicate embroidery.

I do not think either of us said much, but I felt that we had a kindred interest in the spectacle. Within there was warmth and light and life; outside, impressive silence reigned unbroken, with the coldness of the grave. Yet there was one man who, poorly nourished and still more poorly clad, had the courage to cross the long leagues of frozen prairie on foot, for presently we heard a knocking at the door, and after an altercation with somebody outside a stranger walked with uneven steps into the room. White crystals sprinkled his old English coat, a most inadequate protection against such weather, while his breath was frozen about the collar, and the fur cap he could scarcely hold in one stiffened hand was of the cheap and rubbishy description that Jew peddlers retail to the new arrival in Winnipeg. His age might have been fifty, but he had been bent by toil or sickness, and his pinched face was a study in itself. Anxiety, suspense, and fierce determination seemed written on it.

"I'm wanting Ralph Lorimer, who came from England. They told me he was here," he said, and clutched at the table, for, as often happens, the change of temperature had been too much for him.

Then I recollected what Jasper, who had been in to Winnipeg, told me a day or two before. "I looked in at the Tecumseh House, and the clerk mentioned that a wild man from the old country had been asking for you. Wouldn't answer any questions; a lunatic of some sort, the clerk reckoned."

Nevertheless, as I stood up by the window I had no suspicion of the truth, though perhaps Harry had, for, drawing forward a chair, he said: "Feeling dizzy, are you not? Better sit down. But before we answer I should like to know who you are, and what you want with him."

"What has that to do with thee?" was the fierce answer. "I'm wanting Ralph Lorimer, and if he's alive in Canada I'll find him!"

I stepped into the lamplight, saying: "You need not search far. With your permission, Miss Carrington! Now I am only a guest here. Will you follow me?"

The drawn face twitched, his left hand was clenched, and the other fumbled inside the breast of the threadbare coat as the old man turned to meet me.

"No; here before them all I'll ask thee," he said hoarsely. "I'm Adam Lee of Stoney Clough. Where's my daughter, Minnie Lee, that left her home to follow thee?"

The words seemed to break in on the warmth and harmony like a blast of Arctic cold, and sudden silence followed them. Colonel Carrington leaned forward with an angry glitter in his eyes, Miss Carrington watched me in cold surprise, and Grace—well, I do not care to recall her face. Once afterward I saw it look the same, and was thankful her scornful glance rested on another man. Then, while I stood bolt upright, staring at the speaker, and wondering how I could make the mat-

(Continued on Page 18.)

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Dairy Cows Born, Not Made

Cream Check, or Feed Bill, Which Do You Receive?

BY H. M. COTTRELL

THE kind of cows which the dry land farmer milks and uses to consume his feed determines whether he will eke out a bare living or have a comfortable income. The dry land farmers, as a class, pay less attention to the selection of cows that will return good profits than any other farmers in the world. The majority of these farmers think that any cow that has a calf taken away from her when she is fresh thereby becomes a dairy cow, even though her udder is no larger than a man's hat and her shoulders and loins are thick meated.

I held a dairy meeting in a dry farming district in eastern Colorado and had some good dairy cows to show the audience how to select one. A farmer got up and said that his wife, himself and his children were working harder than people had any right to work, and yet it was a severe struggle to make even a bare living. They depended on a dairy herd for their living. He said that he thought from my talk that he must be milking the wrong kind of cows. He asked me if I would be willing to examine his cows if he and his boy would drive the herd to the meeting.

Here Was Proof.

He brought in the 14 cows he was milking. One was a grade Shorthorn of strong dairy type and would produce at least \$75 worth of cream a year. The other 13 were just cows, cows with small beefy udders, thick backs and small paunches, cows that would each produce \$2 to \$3 worth of cream a month for a few months after coming fresh, and then become "strippers" for the rest of the year. This herd fairly represents the cows that most dry land farmers are milking.

The farmer said that he would fatten his poor cows and with the money that they brought he would buy the right kind. He said that he was sure that with the right kind of cows he could get \$1,000 more each year from the feed that he raised.

The first thing to be looked for in selecting a profitable dairy cow is a large paunch. The more feed a cow can eat and store and turn into milk, the more will she increase the owner's bank account. The dry land farmer cannot afford to buy grain, unless perhaps a little cottonseed meal. He must feed his cows almost entirely on rough, bulky feeds, such as grass, silage, sorghum hay and Spanish peanut hay. A cow to return profits must be able to store, twice a day, a large quantity of these coarse feeds.

The paunch must stand out wide and be long and deep. To allow this, the ribs must be long and well rounded, and there should be a long space between the hip bone and the last rib. Blocky and pony built cows turn their feed into flesh instead of milk and give a good quantity of milk for only a few months. A flat ribbed cow is not profitable, as her paunch cannot spread out enough.

The "Milk Signs."

The second thing to look for is a sharp, thin meated back just behind the shoulders. When a cow is in good flesh and has a sharp, thin back, it indicates that she does not change her feed into flesh. When a cow has a smooth, round,

thickly meated back, it shows that she changes her feed into flesh. With the thin, sharp back are usually prominent hip bones and thinly fleshed thighs and shoulders. In an animal that turns its feed into flesh, the hip bones do not show much, as they are covered with meat.

The third thing to look for is a place for a large udder. The udder is the machine that makes the milk from the food materials digested and absorbed by the body. A large udder will produce a large yield of milk. A good dairy cow has the flank well arched and is cut high between the hind legs. These two features indicate a place for a large udder. In a cow that turns her feed to beef, the flank comes down almost straight with the belly line and the flesh between the hind legs comes down well toward the belly.

The Dairy Type.

There are many minor points that an expert studies in selecting a money making cow, but if the beginner will make himself competent to select cows having these three special features strongly developed, he may feel sure of being able to choose cows that, properly fed, will pay well. In every town are several family dairy cows that give large quantities of milk through most of the year and are hard to "dry up." The owner of each of these cows boasts that his cow furnishes all the milk, cream and butter that his large family can use, and that he frequently has milk to sell. A day spent in studying such cows and in comparing their points with those of cows that give little milk, but are thick meated beef animals, will enable a dry land farmer to select cows that will return to him \$75 a cow a year instead of \$24.

The most profitable cow is the purebred of the strong dairy type—a cow whose ancestors for centuries have been selected, fed and handled to produce large yields at low cost. In eastern Colorado most of the expert dairymen keep Holsteins. The Texans generally prefer the Jerseys. Few dry land farmers have either the money to buy these specially bred dairy cows or the experience to handle them.

Most of the dry land farmers will have to be content with common grade cows selected from range herds. In most beef herds in the Southwest will be found one or more choice dairy cows. Usually they are grade Shorthorns that have "bred back" to the original Shorthorn of one hundred years ago, which was a good milk producer. The cattlemen generally will sell such cows for less money than the smooth, thick meated ones, because such cows are "rough."

World Short of Wheat

The world wheat crop this year probably will be less than in 1913 and 1912, although the United States has had a record harvest. Statistics announced by the U. S. Department of Agriculture indicate the crops of all nations will amount to approximately 3,741,018,000 bushels, against 4,125,310,000 in 1913 and 3,791,875,000 in 1912.

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Dear Sirs:—Enclosed please find \$1.25. Send me your paper regularly for 1 year, and one of the famous Lock Stitch Sewing Awls free and prepaid.

Name
P. O.
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RAISE BIGGER CROPS

My New No. 8 Low Down Manure Spreader used now means bigger crops next year. You know this yourself. Manure spreading time is all the time. This new No. 8 Low Down Manure Spreader is Galloway's greatest spreader.

Positively the best spreader on earth! Double chain drive, endless apron; force feed; front wheels cut under load, close hitch; lightest draft of any low-down machine. Capacity 60-70 bushels. All steel gear, complete with double-trees and neck-ropes. Flexible rack. High speed beater pulverizes finely any barnyard material. Steel wheels; gears coupled with channel steel, trussed like a steel bridge. Box rests on rear cranks, 42 inches high. Superior in every respect to new fangled freaks of heavy draft that eat you up for repairs, annoy you and kill your horses.

K. K. Foust, Ashley, Ohio, writes: "Please find draft for spreader received October 6th. Assure you I am more than pleased with same. It has proven all you claim and more. By buying of your company, I saved \$21.50 and got just what I was looking after."

My Book "A Streak of Gold" FREE tells all about handling manure to get the greatest profit. Do not buy a spreader of any make at any price until you have dropped a postal asking for this great book worth \$1.00 (costs you nothing) and my BIG SPECIAL SPREADER CATALOG that tells the truth about the spreader business. Mailed free. Get RIGHT on this spreader proposition before you buy.

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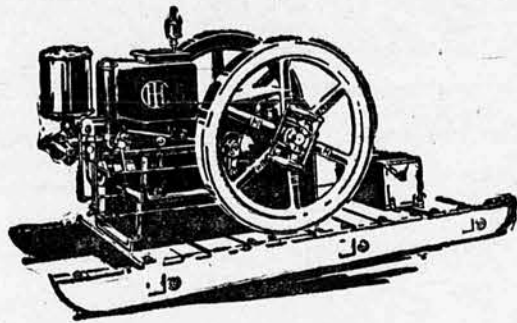
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If this question troubles you, a little careful observation and investigation will show that the International Harvester engines are the most satisfactory. No doubt is left in your mind when the advantages of features like the following are clear to you: Extra large intake and exhaust valves, proper distribution of weight, cylinder and piston construction, careful workmanship, prompt repair service, etc.

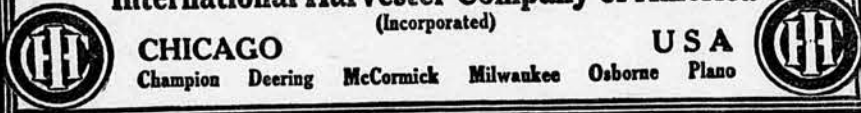
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International Harvester Company of America



Grange Barred Party Politics

A resolution pledging Coffey County Pomona Grange and its individual members to vote against all officers who retain fees against the intent of the law, came up at a special meeting October 17. It was lost because many members thought that was getting too close to partisan politics.

During the forenoon, the fifth degree was conferred on a class. After dinner, delegates to the State Grange were chosen. Then the resolutions to be acted upon and forwarded to the State Grange, were discussed.

The resolution that county granges should arrange a series of meetings to make it possible for the state lecturer to visit all the granges in one county on a single trip, was adopted unanimously. Three trips had already been made to this county and only about half of the granges have been visited.

H. M. Trey, C. E. Romary, and A. M. Bunge were appointed a committee to prepare an answer to State Master Reardon's request that Pomona Grange give him its reasons for adopting a resolution asking him to work and vote in the National Grange for a law to limit the time of the sessions of that body to one week instead of ten days as it has been. The national report shows that the forty-fifth session of the national body cost \$15,844.49 and that the delegates' expenses at the forty-sixth session were \$12,337.30. Our members are against so much sight-seeing, visiting, wire-pull-

All the king's horses and all the king's men cannot restore competition again. The noble art of price-fixing has come in its place to save us from the ruination of cutthroat competition, and, though prices are often fixed too high, this is better than the old way. Let farmers get into the game on the co-operative plan and there will be less trouble about that.

ing, and politics in the national Grange because the subordinate granges have to pay all the bills.

A resolution favoring the primary plan used by some states in electing delegates to the State Grange, was carried over with several other good resolutions. The primary plan insures that half the members of the state body shall have had one or more year's experience in the State Grange, while the other half may be new members. It also gives every grange in a county its turn to elect a delegate, and, best of all, does away with politics and wire-pulling.

Eve Gasche, Secretary.
Coffey County, Kansas.

To Feed Second Growth Cane

I sowed a lot of sorghum this year and the second growth is large enough to cut. If I cut this second growth now and cure it for hay will there be any danger of it killing horses or cattle? Will it be poisonous to cattle if I let it stand in the field and pasture it after it has been killed by frost and is dry?

Jackson county, Missouri
There is no way to tell whether or not second growth sorghum will poison stock until it has been tried. It usually is considered an unsafe feed while it is green but the poisonous principle seems to disappear when it is dried and cured.

I do not know of any instance where it has poisoned stock after it has been fed and completely cured. I do not think feeding the hay or pasturing it after it is dry and entirely free from sap will cause any trouble. One should be careful to see that the stock has plenty of salt and water and if possible some other pasture while they are on the cane. The stock should be accustomed to either the hay or pasture gradually.

We would like to have several letters from readers of the Farmers Mail and Breeze giving experience in feeding or pasturing second growth sorghum after it has been cured for hay or frosted and free from sap.
T. W.

Here's a New Grange

Although there are several local organizations of the grange in Shawnee county, the last one started with an unusually satisfactory membership, and is growing rapidly. No. 1622 was organized largely through the efforts of John Doane, formerly of Topeka, who began farming last spring. Carl Snyder is master of the new branch. The other officials are: Edwin Poppenoe, overseer; H. F. Galloway, lecturer; and J. F. Doane, secretary.

The first open meeting of the organization, known as Sunnyside Grange, was held Friday night, a week ago, in District No. 11 school house. The principal speaker was J. C. Mohler, secretary of the state board of agriculture, who spoke on "Modern Methods of Farmers." Secretary Mohler briefly discussed crops, animal husbandry, dairying, farm cost accounting, and caused more or less surprise when he told the grange members that the records of his office show that the sale of surplus poultry and eggs in Shawnee county, not including the value of that consumed in the homes of the producers, amounts in a year to more than the annual value of the potato yield which includes the famous Kaw Valley crops. The poultry sold in Shawnee county in a year, the speaker said, amounts to more than the value of the county's entire oats crop, and occasionally is more than the value of the wheat crop.

The address was filled with valuable suggestions for the business of farming, and evidently was keenly appreciated by those who heard it.

Sunnyside Grange No. 1622 meets on the second and fourth Fridays every month.

For More Movable Schools

The first two movable schools in agriculture to be scheduled this year were announced today by E. C. Johnson, superintendent of institutes in the Kansas Agricultural college. The schools will be started in Louisville November 30 and in Oswego December 7.

The school at Louisville will have three instructors, and the subjects of crops and soils, dairying, livestock, and farm management will be given. The school will consist of five periods a day for five days, six to ten lessons or lectures being given in each subject.

At Oswego the subjects of crops and soils, dairying, livestock, cooking, and sewing will be treated. Five instructors will be present for five days, and special lecturers will address some of the general assemblies. The people of both Louisville and Oswego are enthusiastic about these schools and a large registration is expected at each place.

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NEW BOOK ON HOG FEEDING

Just send a postal or letter for this new book, "Feeding Hogs for Profit." We'll send it free. Written by Prof. John M. Eppard of the Iowa Experiment Station. Quotes proper rations. Tells how to grow healthy hogs—how to mature them quickly. This 50c Book Sent Free to introduce

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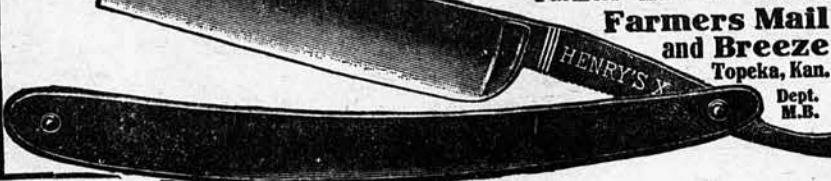
Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 52 gallon barrels, and sold for \$5.00 per barrel. My PURE CRUDE OIL per gallon for a dip when you can get the best for less than 10c per gallon! My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. Sprinkle the hog bed with it and lay the dust. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address **C. A. Stannard, Box M, Emporia, Kan.**

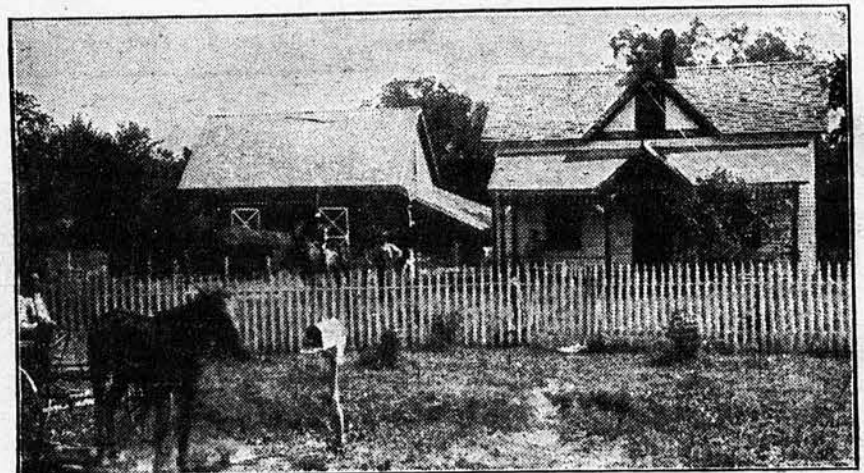
Razor FREE!

The blank from which the Henry's X Razor is ground is forged from high grade special alloy steel, manufactured for this particular razor. The blank is ground on a 2-inch wheel with bevel reinforced and shaped to stand more than average amount of abuse. The idea being to give the user a razor which will give excellent service on either light or heavy beard, and one that can be kept in perfect condition with minimum honing and stropping. The razor is well balanced, of first class finish, mounted in a flexible black rubber handle and guaranteed unconditionally.

OUR FREE OFFER. We will send this razor free and postpaid to anyone who will send us one dollar to pay for a one-year subscription (new or renewal) to Farmers Mail and Breeze.



Farmers Mail and Breeze
Topeka, Kan.
Dept. M.B.



—Photo by H. H. Church.

This is the home of C. B. Kincaid 4 1/2 a specialty of breeding Poland China miles north of Lawrence, Kan. Mr. Kincaid has 50 acres in his place. He makes home.

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We manufacture all our new lumber and millwork ourselves, in a factory equipped with the most modern machinery. In our wrecking department skilled men save every piece in a building and prepare it, free from nails, ready for use.



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Look through our catalog for the greatest selection of high grade doors ever offered at prices beneath all competition. We have one splendid lot of California Redwood doors, made from selected stock...



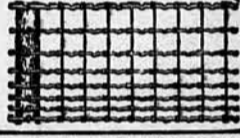
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The reason we can sell perfect ready-mixed paint at prices far below your regular paint-store is very simple. In buying Crown Flexible Paint, you are not only getting the best paint it is possible to produce...



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Don't buy fencing or wire of any kind before you get King's prices. Get our catalog, tell us exactly the style and quantity you want, and we will quote you prices that will make the long profits prices of your local dealer look like robbery.



CAST IRON SINKS

Save on plumbing expense by buying from King. Cast iron sinks, first quality, one piece, finished painted or enameled, most sanitary and usable sinks on the market.

Best enameled steel bath tubs on the market, heavy inside, nicely painted and bronzed outside. Has 3-inch wood rim, nicely finished; brass nickel-plated waste and overflow, plug and chain. Shipping weight 80 lbs. Price \$6.40



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Best single drive gates, square mesh, 34-inch frame, 8 foot opening, with 3/4-inch full weight steel piping, sag-proof rod for brace; fittings malleable castings and forged steel; fabric heavily galvanized and woven in to fit frame, so that each wire braces the entire construction; the biggest gate bargain ever offered at \$1.27



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Here is a strictly high grade, practical and up-to-date outfit for the finest bathrooms, at a price within the reach of all. Compare it with those offered by others and you will agree it is the best that can be obtained.



Builder's Hardware

Everything in Builder's Hardware direct to you at wholesale—hinges, locks, door sets, window sets, etc.

Check Rail windows, \$1.10 up. Plain rail, glazed, 40c up. Transoms, 40c each. Safe Delivery Guaranteed. You will appreciate saving over usual prices.

GET OUR FREE-PLAN OFFER "COST-LESS" HOMES

King's Catalog shows many designs of houses and bungalows which can be put up at very low cost for lumber and building supplies. This "Glenwood" Home is quaint and distinctive, has group triple window in living room not shown in illustration; ceiling 9 feet; choice of patent plaster board or lath and plaster; front and rear steps; all hardware, locks, hinges, knobs, nails, paint for two coats inside and out, ready made frames and all lumber for this house furnished complete for only \$380.00



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We always have in stock thousands of items, mostly brand new. We give here a partial list to give you an idea of what we have in this line. But whatever you want—no matter what it is—WRITE US BEFORE YOU BUY. 8 Gas Heaters—3000 Odd Transoms and sash. 2 Mahogany Bar Tops—500 Doors for Stores and Offices—Pumps, Rollers, Tanks, Tools, Boils, Safes, Vaults, etc.

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Remember, we quote you prices at Kansas City, or delivered to your station. Other dealers may quote prices very low, but you will have to pay big freight from Louisiana or Texas. DO NOT BE MISLED! Insist on getting "Delivered Prices," or prices at your nearest distributing point, which is Kansas City, with its low freight rates. WE WILL NOT BE UNDERSOLD! Send us your estimates for any building material you need—we will quote you figures that will MAKE you take notice.

CROWN GAS OR GASOLINE ENGINES

The Crown is the kind of engine that you are always looking for but seldom finding—it does good work all the time and never seems to wear out. The Crown Engine satisfies every requirement you can make—strong, sure in running order, cheaper than any other engine in first cost, and less expensive than other engines to keep up. The Crown is a Kansas City engine, made here by experts, some of whom have been making and perfecting gas and gasoline engines for 25 years. The Crown is the pick of all engines; it gives power independent of speed, runs steadily and smoothly without constant tinkering, uses very little fuel, and if sensibly run it COSTS NOTHING WHATEVER FOR REPAIRS. Air-cooled cylinder head—no water to freeze in winter; change-speed device, permitting change of speed instantly without stopping engine. Made in all sizes and horsepower; we especially recommend the 8-horsepower size, equal in power to other engines rated at 8-horsepower, for only \$37.50; and also our 2-horsepower size, offered at the bargain price of \$32.50



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CROWN furnaces are guaranteed steel-drum furnaces, with grates, ashpits, etc., exactly equal to those found in furnaces at twice the price. These furnaces have an unusually large amount of effective radiating surface, the most important feature of any furnace. Not only a good heater, but it saves coal, heats quickly, and, if properly cared for, will last a lifetime. No. 018, without casing priced at \$29.35



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Wallboard and Plaster board are the great modern substitutes for lath and plaster. King's wall or plaster board is buckle-proof, warp-proof, fire-proof; will not hair-crack; cannot freeze as new plaster does. Beats plaster, Costs less. Fine for finishing off rooms, partitions, attics, etc. Comes in sheets, goes on dry, lasts as long as the building itself, costs 50% less to lay; cold-proof, vermin-proof, handsome, durable. Write for samples and prices.



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SUDAN GRASS SEED 50¢ PER LB.

Be careful about the Sudan Seed you get. Buy it from this old-established seed-house that has a reputation to maintain. My seed is procured from reliable growers. 50c per lb. for 100 lb. lots; 55c per lb. for 50 lbs. or more; 60c per lb. in less quantities. All f.o.b. Dallas. 70c prepaid anywhere in the U. S. If you pay more than my prices for Sudan Grass Seed you waste money.

Nicholson's Sudan Grass Seed

is as good as can be offered by anyone at any price. Orders are being booked now. Send yours today, for immediate or Spring delivery, or write for further particulars and sample—sent free. I also have full line of all seasonable seeds for field and garden. Send for illustrated catalog and price-list.

Robert Nicholson, 412 Commerce St., Dallas, Tex.

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10 Days FREE—Send No Money



We don't ask you to pay us a cent until you have used this wonderful modern light in your own home ten days, then you may return it at our expense if not perfectly satisfied. You can't possibly lose a cent. We want to prove to you that it makes an ordinary oil lamp look like a candle; beats electric, gasoline or acetylene. Lights and is put out like old oil lamp. Tests at leading Universities show that it

Burns 50 Hours on One Gallon common coal oil (kerosene), no odor, smoke or noise, simple, clean, won't explode. Three million people already enjoying this powerful, white, steady light, nearest to sunlight. Guaranteed.

\$1,000.00 Reward will be given to the person who shows us an oil lamp equal to the new Aladdin in every way (details of offer given in our circular). Would we dare make such a challenge if there were the slightest doubt as to the merits of the Aladdin? **GET ONE FREE.** We want one user in each locality to whom we can refer customers. To that person we have a special introductory offer to make, under which one lamp is given free. Write quick for our 10-Day Absolutely Free Trial Proposition and learn how to get one free.

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TWICE THE LIGHT ON HALF THE OIL

MEN WITH RIGS

Make \$100 to \$300 Per Mo. Delivering

the ALADDIN on our easy plan. No previous experience necessary. Practically every farm home and small town home will buy after trying. One farmer who had never sold anything in his life before writes: "I sold 51 lamps the first seven days." Another says: "I disposed of 34 lamps out of 51 calls. Thousands are coming money endorse the Aladdin just as strongly. No Money Required. We furnish capital to reliable men to get started. Ask for our distributor's plan, and learn how to make big money in unoccupied territory."

The Right Kind of Fair

BY FLOYD B. MAUCK

That a county fair can be conducted without expense to the visitor, and especially the country visitor, has been proved by the city of Emporia, Kan. In previous years the people who profited from the fairs were the winners of the racing purses and the concession owners, the carnival companies and the various gambling games. The fair was held two miles from the business center of the town, at the fair grounds; the farmers' exhibits—what there were of them—were displayed in a more or less half-hearted fashion, in sheds built for the purpose, but they were a side issue to the main attractions of the fair, when they should have been the main feature.

A radical change was instituted this year with wonderful success. The name "Fair" which had become a synonym to the farmer for graft, was abolished and the name "Products Show" substituted. The old fair grounds and race track were abandoned and the money which had previously gone to the race-

town were their friends in every sense of the word, and a spirit of co-operation and good feeling was created such as had never existed. Long standing bitterness was wiped out between the county seat and several small towns in the county. The entire community is resolved to continue the Products Show from year to year making it bigger and better.

The show committee came out with a small surplus, a thing that had never happened in the history of the old county fair.

Fall Plowing Paid Better

Forty-four bushels of kafir an acre was the average yield on the fall plowed land on the farm of John Buckminster of Pawhuska, Okla., this year. The average yield on the spring plowing was only 26 bushels. This test was carried on by M. T. Maudlin, county agent.

The spring plowing made a good start, but it couldn't produce the yield which was possible on the fall plowing. The fall plowed land had a great deal of available nitrates, and the land was in much better physical condition than that on the spring plowing. More than this it contained a larger amount of moisture, for the land had been in good condition to catch the rain. The result on Mr. Buckminster's place indicates again the need of more fall plowing.

Book Farming

Science out of a book has not always been in a book. It has been put there only for safekeeping and for the convenience of those who haven't the time, or the ability, or the money, or perhaps, the desire to go and dig it up themselves. Too frequently we look upon book farming as something that appeared spontaneously on the printed page. But none of it ever did; otherwise it wouldn't be science.

"Book farming" came from the field, the forest, the vegetable garden, the orchard and the feed lot. You have only to go to an experiment station to see that, or to the place of a progressive, thinking farmer. Books or bulletins on agriculture, if they amount to anything, smell as much of the soil as of printers' ink. It all depends upon the smeller.

—The Country Gentleman.

Ten per cent of the stock of our American railroads is owned in foreign countries.

FURS Ship to BIGGS for QUICK RETURNS and HIGHEST PRICES!

Why not get the most money for your furs by shipping to the oldest and largest hide and fur house in the Southwest—Biggs at Kansas City. 33 years' square dealing. No long wait for your money. Our expert graders examine your shipment same day it arrives, and check in full goes direct to you in first following mail.

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Reliable Market Reports Corrected right up to hour of mailing, sent to every Biggs shipper. Worth big money to you to be on our lists and have this up-to-the-minute market news.

Biggs Guaranteed BAITS will absolutely increase your catch or we refund their cost. Skunk, Coon, Possum in 2c and 6c sizes; all others in 6c and \$1.00 sizes. **FREE Fur Price Lists, Latest Markets Reports, Catalog of Supplies and Trappers' Guide, Shipping Tags, etc.** Write for them today. Address

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Victor, Newhouse, Oneida Jump, Stop Thief and other traps, as well as all guns and supplies at factory cost, because we want your fur shipments.

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She extends to Americans a hearty invitation to settle on her FREE Homestead lands of 160 acres each or secure some of the low priced lands in Manitoba, Saskatchewan and Alberta.

This year wheat is higher but Canadian land just as cheap, so the opportunity is more attractive than ever. Canada wants you to help to feed the world by tilling some of her soil—land similar to that which during many years has averaged 20 to 45 bushels of wheat to the acre. Think what you can make with wheat around \$1 a bushel and land so easy to get. Wonderful yields also of Oats, Barley and Flax. Mixed farming is fully as profitable an industry as grain growing.

The Government this year is asking farmers to put increased acreage into grain. Military service is not compulsory in Canada but there is a great demand for farm labor to replace the many young men who have volunteered for service. The climate is healthful and agreeable, railway facilities excellent, good schools and churches convenient. Write for literature and particulars as to reduced railway rates to Superintendent Immigration, Ottawa, Canada, or to

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125 W. 9th St., Kansas City, Mo.

Canadian Government Agent

160 ACRE FARMS IN WESTERN CANADA FREE

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horse owners, concessions and carnivals, was kept at home. All concessions were barred—and with much difficulty, for some were determined to get in.

The show committee, which was chosen from the Commercial club, preached the gospel far and wide, in the county, that the farmer could visit the products show with his family, bring along his dinner, and leave his purse at home. It was almost unbelievable but nevertheless true, for when the country folk flocked to the city on the days of the fair, they searched in vain for the admission gate, but found nothing but "welcome on the mat," and a big welcome at that.

The method of displaying the numberless varieties of farm products, was the chief feature. These included not only corn, wheat, alfalfa, sugar beets, kafir, potatoes and many other products of the soil, but also the handiwork of the women and girls, sewing, embroidery, cooking and canning. These exhibits the merchants had arranged in their best show windows. Where had previously been seen the latest styles from Paris, the visitors saw instead the finest styles from the country, and they were a revelation to thousands. Drug stores carried their patent medicines and candies and cough drops back to their counters and filled the windows with luscious arrays of apples, pears and melons. Every store window on both sides of Main street seemed filled from the horn of plenty.

More than \$2,000 was given away in prizes and awards for the best exhibits. This also included the best showing of livestock, which was paraded before the astonished inhabitants who never had realized what was to be found in their home county. The farmers went home convinced that the business men of the

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Foot and Mouth Disease

BY TURNER WRIGHT,
Livestock Editor.

The stockmen of the United States are confronted with the most serious outbreak of foot and mouth disease that ever has occurred in this country. The total loss of cattle, sheep and hogs, when measured in dollars is likely to mount into the millions before the disease is eradicated. The infection is scattered over a wide area and it will be a difficult task to prevent its further spread. Drastic measures, however, are being taken to stamp it out in all places where the infection has been discovered. The people of the country should do everything possible to assist the authorities in this work. Total eradication is, in the long run, the cheapest method of combating the disease.

No fewer than 11 states now are under federal quarantine. These are Michigan, Indiana, Illinois, Ohio, Pennsylvania, Maryland, New York, Wisconsin, Massachusetts, Iowa, and Rhode Island. Mississippi and Montana, also are reported to be in danger of infection. The quarantine means that no cattle, sheep, or hogs can be shipped in or out of the states where it is in operation until the disease has been eradicated. Horses and mules seldom are affected with the disease and can be transported through these states but they must be shipped in clean, disinfected cars. To add to the seriousness of the situation the disease appeared in the stock yards at Chicago and as a result the stock yards at both Chicago and St. Louis were ordered closed and disinfected. These yards will be closed until November 16 if not longer. The western packing centers, thus far, are free from infection and undoubtedly will handle many shipments that would go to Chicago or St. Louis.

Foot and mouth disease may be regarded as essentially a disease of cattle, sheep, and hogs, though cattle are most often affected. Horses and mules seldom if ever contract the disease but dogs, cats and poultry are frequent carriers of the infection. Man does not seem to be immune. Children suffer from drinking the unboiled milk from infected animals. The men engaged in the work of fighting the disease wear rubber coats, boots, and gloves to prevent infection.

The disease is not necessarily fatal but the same animal may be affected repeatedly. It makes its appearance in three to six days after exposure to the infection. The first symptoms usually are a heavy chill followed by fever. Small ulcers or vesicles appear on the mucous membranes of the mouth at the border and upper surface of the tongue near the tip, on the gums, the inner surface of the lips, and on the dental pad. These vesicles contain a yellowish, watery fluid and increase in size as the disease advances. There is a swelling, redness, and soreness of the feet at the same time. Eruptions similar to those in the mouth appear on the feet in a day or two. The animal shows signs of pain when it attempts to eat as soon as the disease is well established. There is a characteristic smacking of the mouth, and strings of ropy saliva hang from the lips. The animal loses flesh rapidly. Infected animals may recover but the cheapest and quickest way to free the country of the disease is to destroy all infected herds and disinfect the premises thoroughly. This should be done under the supervision of state or federal authorities.

This is the sixth outbreak of foot and mouth disease in this country. The first three were started by the importation of infected cattle and soon were stamped out. The next two outbreaks were more serious. The infection in these two instances was thought to have been brought to this country in small-pox vaccine. The infection in the present case has been attributed to the importation of hides but this has not been definitely established.

The Paper Helped Him Win

I feel as if I could not farm without the Farmers Mail and Breeze. It is a bully good paper for the reading and thinking farmer. It is from the pages of the Mail and Breeze that I learned to breed and select the kafir that won second prize for me at the Eldorado kafir carnival. Paul R. Neitzke. R. 4, Augusta, Kan.



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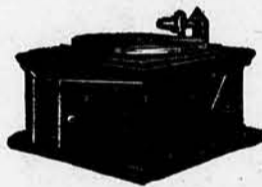
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Lorimer of the Northwest

(Continued from Page 12.)

fer plain, others intervened, for Ormond, turning toward Colonel Carrington, said:

"I fancy, sir, this is not the place for—er—such explanations. They might prove embarrassing."

Colonel Carrington glanced at his sister, who followed by the rest had already risen from her chair, beckoning to Grace, but Harry broke in.

"I agree with Captain Ormond in part," he said, "but this is a serious matter. We have all unfortunately heard the charge, and in fairness to Mr. Lorimer we should hear him refute it. It's either a cruel mistake, sir, or gratuitous malice, and I would stake my last dollar on his honor. A few words will suffice."

It was a kindly thought of Harry's, and the Colonel nodded.

"You will excuse us, Jessy," he said. "Geoffrey, as a matter of fairness he is perfectly right. Now, sir, for the space of two minutes will you restrain your impatience and follow us?"

Adam Lee of Stoney Clough, however, thought differently. I had never seen him before, but I knew him well by reputation; for, though not born there, he was one of the erratic ultra-reformers one may find in many an English industrial town. They have left all regular creeds and parties behind, and look for the regeneration of an iniquitous world by some fantastic new religion, or the subversion of all existing authorities. Some, it is true, live lives of self-denial, and die, worn out by disappointment, of a broken heart, but the rest develop into fanatics of savage bigotry.

"No! I've followed him weary and hungry for many days," he said. "He doesn't leave my sight until he has answered me. Stop! you that sit warm in luxury, pampering your sinful bodies and grinding the poor, you shall hear what one of your kind has done, and judge between us. The tale will be good for you. Shall the rich rob us of our children, as they rob us of our bread?"

He flung out one arm as he spoke, and there was a rude power in voice and gesture that commanded attention. Neither was his accent now altogether that of Lancashire, for Lee, as is not uncommon, would sometimes speak a purer English than the local vernacular. Miss Carrington glanced past him toward the door, irresolute, and Grace leaned forward staring at him as

though fascinated, while perhaps I of all the others found the sentiment familiar. It was the same spirit which, trammelled by poverty and ignorance, stirs many a man weary of a hopeless struggle for better things, and blazes into strange coruscations of eloquence in market-square orations and from the platforms of conventicles where men whose religion is a thing of terror worship the jealous God of the Hebrews.

"Nay, sit still and hear." The words fell as though they were an order. "I am a poor man, a maker of shoes for the poor who could not always buy them, and I had one daughter. She was all I had, and I wrestled with the devil for her that she might escape perdition through the snare of beauty. But the nephew of a rich man cast desiring eyes upon her, and Satan helped him. He might well be strong and comely, for he fed on the finest, while when trade was bad half of us went cold and hungry in Stoney Clough; but he was filled with the wiles of the devil and the lusts of the flesh, so when there was plenty of his own kind to choose among he tempted the poor man's daughter who worked for a pittance in his uncle's mill. Her mother died; they mocked me at the chapel; and I have come four thousand miles to find him, but now and here he shall answer. Ralph Lorimer of Orb Mill, where is Minnie Lee?"

His hand was clear of the threadbare coat now; something glinted in it, and I looked into the muzzle of a pistol. But Geoffrey Ormond, in spite of his surface languidness, was quick of thought and action, and with swift dexterity gripped his right arm from behind. Then, and we were never quite sure how it happened, though the weapon was evidently a cheap Belgian revolver, and perhaps the hammer shook-down, there was a ringing crash, a cry from Grace, a tinkle of falling glass, and Adam Lee stood empty-handed, while Ormond, who flung down the smoking weapon, said coolly:

"It is safer with me. These things are dangerous to people who don't understand them, and you may be thankful that, without perhaps intending it, you are not a murderer."

"Thank you, Geoffrey," said Colonel Carrington. "Lee, sit down. I don't know what your religious or political crazes are, and it doesn't matter, but I have rather more power here than an English magistrate, and if you move again, by the Lord I'll send you in irons to Winnipeg for attempted murder. Mr. Lorimer, I am not inclined to thank you, but if you have

any explanation you had better give it to him."

Lee, I learned, was a fearless man, with the full courage of his somewhat curious convictions, but there were few who could withstand Colonel Carrington, and, half-dazed, half-savage, he did his bidding, while again every eye in the room was turned upon me.

"Minnie Lee was certainly employed in my uncle's mill in Lancashire," I said slowly, "but on my word of honor nothing ever passed between us that all the world might not hear. She married a former clerk there, one Thomas Fletcher, secretly, and at present lives with him at the Willow Lake creamery. I met her for the first time in Canada at the Elkfall hotel, where she was a waitress, and at her request helped to find her husband the situation. She promised to write home, but evidently did not do so."

"It is perfectly true," said Harry. "I was present at that meeting. If our visitor has any doubts on the subject he has only to ride over there and see."

Lee gasped for breath, recovered himself, and strode toward me with fingers trembling and his eyes blood-shot.

"Is it true?" he said. "I know thy vain pride in an honor that can stoop to steal the honor of the poor; it is only women to whom thy kind tell lies. Here, before these witnesses, tell me again, is it Gospel true?"

He seemed half-crazed by excitement and over-fatigue, while his relief was evidently tempered by a fear that we might yet be bent on duping him; but I pitied him in all sincerity, for whatever were his foibles it was evident that this broken-down wreck of humanity with the warped intellect loved his daughter, and as I wondered what would most quickly set his mind at rest Harry said stiffly:

"We do not lie to any one, and we are poor men, too. At least we work for a bare living harder than many English poor. On his friend's word as well, in deference to your prejudices, we'll say an honest man—Mr. Lorimer has told you nothing but the truth. You will find Mrs. Fletcher safe and well at the Willow Lake creamery."

"Then I'm going there now," was the answer. "I thank thee for the story. No, I don't want the pistol. It was the devil tempted me to bring it, but it was only to force the truth from him, and it went off of itself."

"You are somewhat premature," said Colonel Carrington. "We haven't quite done with you. As I said, I hold myself responsible for the peace of Carrington, and though I am inclined to

believe it was an accident, you can't ride twenty miles hungry at midnight. You came here without my invitation, and you have customs of your own, but you'll certainly get lost and frozen on the prairie if you leave this house before tomorrow morning."

They stood facing each other, a curious contrast, the pinched and bowed cobbler and the army officer, but there was the same stubborn pride in both; for with a quaint dignity, which in some measure covered his discourtesy, the former made answer in the tongue of the spinning country:

"I thank thee, but I take no favors from the rich. Thou and the others like thee have all the smooth things in this life, though even they cannot escape the bitterness that is hidden under them. Well, maybe thou'lt find a difference in the next. Good night to thee."

He marched out, and we heard the door crash to.

"I dare say he is right," the Colonel said, with a curious smile. "At times I almost hope we will. An interesting character, slightly mad, I think; heard of such people, but I never met them."

This was evidently true, for the lot of Colonel Carrington had not been cast among the alleys of a spinning town where the heavens are blackened by factory smoke, and as the silver value changes in the East there is hunger among the operatives. In such places the mind of many a thinking man, worn keen as it were by poor living, sickened by foulness and monotony, makes fantastic efforts to reach beyond its environment, and occasionally hurries its owner to the brink of what some call insanity, and perhaps is not so.

Then one lonely and pathetic figure, with bent head and shambling gait, grew smaller down the great white waste of prairie.

"I am very sorry for him," Grace said, "but the poor old man will never reach Willow Lake on foot, even if he could find the way. He must have walked many miles already, and he will be frozen before morning. Some one must go after him."

"If you will allow us, Miss Carrington, I think we had better take our leave and drive him there on our homeward way. I am sorry that all this happened under your roof," I said. "Harry, we must hurry before we lose him;" and Colonel Carrington answered coldly.

"I am inclined to agree with you." Brief leavetakings followed, Miss Carrington was cordial, but, and it

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may have been exaggeration of sentiment, I dare not look at Grace with the shadow of such a charge hanging over me. Neither, I think, did the Colonel shake hands with me; and when the sleigh sped hissing down the beaten trail Harry said:

"Ralph, you almost make me angry. Of course, she is too high for you; but there was no reason you should look like a convicted felon when we took the trouble to demonstrate your innocence. Confusion to Thomas Fletcher and all his works, I say! Why should that invertebrate wastrel have turned up to plague us so?"

Some time had elapsed before we got the horses harnessed, because they objected strenuously, and several branching trails crossed the prairie, so we spent a much longer time than I liked in driving through the bitter cold before we found my late accuser sitting under a copse of willows, and apparently awaiting his death. As the settlers say, when it freezes on the prairie, you can't fool with that kind of cold. Harry for some reason swore profanely.

"Get in, and we'll take you straight to Willow Lake," he said, lifting the unfortunate man, who already had almost lost the use of his limbs, and who answered with his teeth chattering:

"You two are very good; I couldn't drag myself further; walked there from Elktrail today, and I felt main drowsy. What brought thee after me? From one of thy sort I never expected it."

"I don't care what you expected," said Harry briefly, "so you needn't trouble to tell me. Get into these furs here before you freeze to death; another half-hour would have made an end of you."

The team already had traveled far that day, but they responded gallantly to Harry's encouragement. The cold bit deep, however, and I could scarcely move a limb when, toward midnight, with a hiss of runners and a jingle of bells, we came into sight of Fletcher's shanty by Willow Lake. As luck would have it a light still shone in the window, and he opened the door when Harry and I made shift to draw some wrappings over the team. It grieved me to leave the poor beasts waiting there, for I found it difficult even to speak.

"It's Mr. Lorimer, Minnie," Fletcher shouted; and before I could intervene a woman's shape filled the lighted door, while Harry said softly, "Confound it! I hoped to have got out before the play commenced."

"We have brought you a visitor, Minnie," I said. "You must not be surprised. There's nothing too strange to happen in a new country. Harry, help me with him;" and between us we half carried Lee inside, for all the strength had gone out of him. The hot room reeled about me, and there was a drumming in my head, but with an effort, I said, "It's your father, Minnie. You forgot the letter, and he came over to Carrington in search of me."

She dropped the stove-iron in her hand with a startled cry. Fletcher blinked at us stupidly, and the old man sat down with one elbow on the table and his head drooping forward limply, while for a moment or two afterward no one moved, and the ticking of a nickled clock almost maddened me. Then the woman came forward timidly with the word "Father" on her lips, and Lee, groaning as though in pain, checked her with a gesture, "Who is this man here, lass?" he said.

"My husband, Thomas Fletcher; you ought to remember him. We were married before I left home," she said.

Harry coughed while Lee said hoarsely: "I thank the Lord for it; lass, thou hast acted cruelly, but we'll say no more of that. I've left all I had to find thee, and now I'm only glad."

There were tears in Minnie's eyes as she leaned over him with one arm round his shoulder, but I fancied there was a flash of resentment in them too.

"If you had listened that night before you said what you did, all might have been different," she answered. "But I'm glad to see you, and hungry for news. How did you leave mother, and the shop? I don't care to hear about the chapel."

"Thy mother is dead. The Lord took her," the old man answered solemnly, though as yet the warmth brought only pain to him. "I'll hear no word against the chapel. Nay," as the woman straightened herself with a cry, "she grieved sorely; but it was the typhoid, and to the last she would hear no ill of thee. The shop, I sold it; and maybe there's harness to mend, and saddles, that will earn my bread in this country. I'm an old broken man, and a little will content me. A weary time of struggle and black shame I've suffered for thee; but now there's nought that matters when I find thee so."

"We must go," I said. "Our team is freezing and we can't afford to lose it;" and Minnie, touching her father, said, "You should thank Mr. Lorimer. Forty miles at least he has driven to-

day, and there's another fifteen before him," but ere he could turn I bundled Harry out of the door, and two minutes later we were flying across the prairie.

"I'm sorry for that old man," said Harry. "Fletcher didn't look delighted and perhaps it's not to be wondered at. As to Minnie, she'll probably cry over him all night; but I hardly fancy she has quite forgiven him. It's not a nice thing, either, when you think of it. And I suppose it cost the old fanatic a fearful wrench to give up what he considered his mission to reform that benighted town. Lord, what fools—it's true—we mortals are."

I was too drowsy and cold to answer, and how we got the team into the stables or even found Fairmead I do not remember; but we probably did it by force of habit, and it was high noon the next day before we awakened.

TO BE CONTINUED.

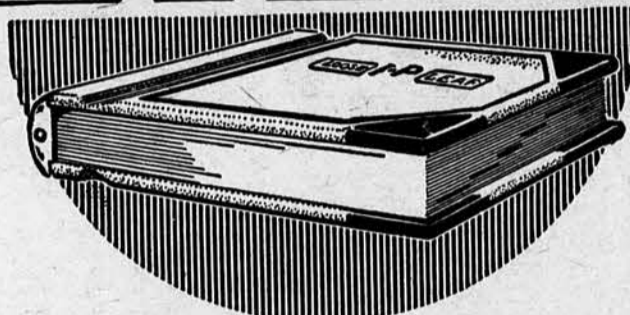
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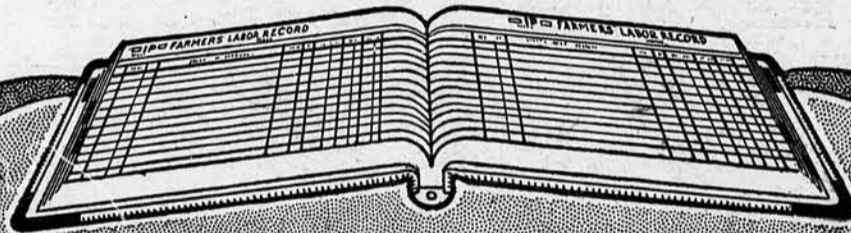
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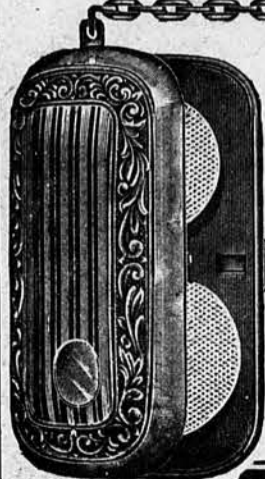
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Highly bred. \$1 up. Mrs. Lloyd Clark, Hazelton, Kan.

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BLUE BARRED ROCKS; BEAUTIES; cockerels \$2.00 while they last.
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(Ivory strain) originated by Chas. C. Fair, Sharon, Kan.

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

RINGLET BARRED ROCK COCKERELS. Hatched from my winners; large, strong, and vigorous; beautiful barring; \$2.00 each.
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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.
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BUFF ORPINGTON COCKERELS. NEW stock for old customers.
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Edith Vincent, Jamestown, Kan.

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Mrs. O'Roke, Fairview, Kan.

S. C. BUFF ORPINGTONS. COCKERELS and cocks \$2 to \$10. Hens \$1 to \$3.
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MOTTLED ANCONA COCKERELS \$1 EACH.
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1,000 WHITE LEGHORNS CHEAP. Progressive Poultry Farm, Hampton, Iowa.

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CHOICE PURE BRED ROSE COMB RED COCKERELS. Mrs. Jas. Crocker, White City, Kan.

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WHITE RUNNER DUCKS, DRAKES \$1.
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FAWN AND WHITE RUNNER DUCKS and Rose Comb Brown Leghorn cockerels \$1.00.
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MAMMOTH BRONZE TURKEYS. J. Marksman, Frankfort, Kan.

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ROSE COMB BLACK MINORCAS—MATED pens, cockerels, and good breeding stock. Eggs booked for 1915 season.
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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, 1612 Waldheim Bldg., Kansas City, Mo.

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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 Hdw. & Impls., care Farmers Mail and Breeze.

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

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FOR SALE—WHEAT AND STOCK RANCH, 1920 acres, on the line of Ford and Hodge-man counties, 12 never failing springs. Running 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 Holsington. Price \$16,000.00, half cash, terms to suit on balance at 6%. Address owner, U. D., R. No. 2, Box 73, Holsington, Kan.

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 6 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, poultry 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.

LANDS

PRODUCTIVE STATE AND DEEDED lands, crop payment or easy terms—along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. No isolated pioneering. Free literature. Say what state interests you. L. J. Bricker, 440 Northern Pac. Ry., St. Paul, Minn.

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 ball. Say what you have in first letter and for price and description ad. E., Mail and Breeze, Topeka, Kan.

FOR SALE OR RENT—40 ACRES, 3 MILES of Carbonate, Kan.; 60 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, Carbonate, 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.

IMPROVED 80 ACRE FARM 30 MILES from Minneapolis; 45 acres under cultivation, balance used for pasture land, covered with poplar and oak timber, very easily cleared; no waste land; nearest set of build-ings in that vicinity, consisting of house, barn, granary, corn crib, etc.; one heavy team, three Jersey cows, all young stock, 150 chickens, hogs, complete set of farm machinery, wagons, buggy, cream separator, in fact everything is complete; also 15 tons of meadow hay, 8 tons clover hay; 8 acres of corn; 60 bushels potatoes, 10 cords wood cut in stove length; in fact everything on the farm goes at \$5500; \$3500 cash, balance can stand. Schwab Bros., 1028 Plymouth Bldg., Minneapolis, Minn.

FARMS WANTED

WANTED TO RENT A FARM, EVERY-thing furnished. W. H. Claycamp, Esbon, Kan.

HOTEL, 17 ROOMS, STEAM HEAT, ACETY-lene lights, doing good business; want land. R. H. Wigner, Gridley, Kan.

SELL YOUR FARM OR BUSINESS QUICK-ly for cash no matter where located. In-formation 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.

FARMS WANTED. WE HAVE DIRECT buyers. Don't pay commissions. Write, de-scribing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

BUSINESS CHANCES

MANUFACTURERS AND AGENTS, AT-tention. A splendid business opportunity. Exclusive Kansas State rights for the man-ufacture and sale of a sectional, portable metal grain bin, covered by U. S. Patent. Low cost of construction and simple to as-semble. The best grain tank on the market today. Unanimously adopted by Farmers' Association of the State of Washington. Nine tanks competing. Rat, rain proof and low insurance cost. Full particulars upon request. George Keibel, 2304 Dean Avenue, Spokane, Washington.

HELP WANTED

THOUSANDS GOVERNMENT JOBS NOW obtainable. List free. Franklin Institute, Dep't M 51, Rochester, N. Y.

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.

MEN AND WOMEN OVER 18—WANTED. \$65.00 to \$150 month. U. S. government life jobs. Common education. Write immedi-ately 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 conducted examinations—can help you. Trial exam-ination free. Ozment 38, St. Louis.

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.

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.

PATENTS

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.

Cattle Free From Disease

Dry Lots and a Great Deal of Kansas Sunshine Help

BY OUR CROP CORRESPONDENTS

THE livestock in Kansas and Okla-homa is very free from disease this year. Only two or three counties in these states have reported other than that the stock is doing well. There are a few sections where hog cholera is causing some alarm.

Wheat fields are green, but in many sections the growth is hardly rank enough yet to make satisfactory pasture. Wheat seeding is still being done in Oklahoma, and cotton picking has not been finished in some sections. Much work on Kansas roads is being done now that farm work is not so press-ing.

KANSAS.

Clay County—A little more wheat was sown this year than last, and it is in fine condition except for damage done by army worm. Feterita is fine.—H. H. Wright, Nov. 7.

Harvey County—Weather is fine for fall work and for fall wheat. Livestock are doing well. Corn husking is in progress. Wheat 97c; oats 40c; potatoes 75c; eggs 20c; butter 25c.—H. W. Prouty, Nov. 7.

Stafford County—Wheat is about all up and the stand is good. About the usual acreage of wheat is sown and the first sowing is being pastured. Corn crop is very light. Few fat hogs are to be found. Cattle bring high prices at sales.—S. H. Newell, Nov. 2.

Sumner County—Wheat is making a fine growth and there will be an abundance of wheat pasture. A large acreage was sown to wheat this fall. Some threshing is to be done. Wheat 95c; corn 90c; oats 45c; potatoes 75c; apples 40c to \$1.10; eggs 17c; butter fat 28c.—E. L. Stocking, Oct. 31.

Ellsworth County—We are having dry and windy weather. Wheat needs rain before it will be in condition to be pastured. We have had two light frosts. Some farm-ers are husking corn, but the crop will be

MISCELLANEOUS

WANTED—WHITE ESQUIMO-SPITZ PUP-pies 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.

GAS ENGINES, 1 1/2 TO 3 H. P. WANTED. State make, price and condition. Address Brout, R. R. Y. M. C. A., Topeka.

HOMESEEKER'S GUIDE — FARMS FOR sale by owners, Lane county, Oregon. 25c. M. S. Onell, Eugene, Oregon.

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

LUMBER—HOUSE AND BARN BILLS DI-rect from mill to consumer. Wholesale price. Shipped anywhere. McKee Lumber Co., Shawnee, Okla.

WANTED—ADDRESSES AND ADVERTIS-ing rates (want ads) of central and west-ern Kansas weekly papers. Address Muron Tombaugh, Grand Ridge, Ill.

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.

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 BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the great-est farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, 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. Barber, 425, 28 W. Jackson Blvd., Chicago.

AGENTS WANTED

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

YOUNG MAN, WOULD YOU ACCEPT AND wear a fine tailor made suit just for show-ing it to your friends? Or a Slip-On Rain-coat free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beau-tiful samples, styles, and this wonderful offer. Banner Tailoring Co., Dept. 922, Chicago.

light. Some corn fields were cut up into fodder. Wheat 90c; corn 75c.—C. R. Blay-lock, Nov. 2.

Marion County—Farmers are busy shuck-ing corn and hauling wheat to market. Corn averages 12 bushels to the acre in this part of the county, but is making 20 to 40 bushels to the acre in some parts of the county. Wheat is looking well but an inch of rain would make it look better. Wheat 97c.—Jac. H. Dyck, Nov. 6.

Barber County—We are having ideal weather and plenty of rain. A larger acre-age of wheat is out this year than last, and the prospects are good for lots of pas-ture. Silos all are filled and there is plenty of shocked feed and straw left. There is no disease among stock. Corn 84c; wheat 95c; cream 26c.—G. H. Reynolds, Oct. 31.

Stevens County—Three inches of rain fell on October 22 and 23. It damaged feed and grain that was poorly stacked, but was fine for the wheat. Farmers are busy seeding broomcorn and putting up feed. No fall threshing has been done yet. Cat-tle are scarce but horses are cheap. Live hogs \$7.50; wheat 95c.—Monroe Traver, Oct. 31.

Cloud County—Weather is warm and dry. Wheat is doing fine and some farmers are pasturing it. Cattle are doing fairly well and rough feed is plentiful. Fall pigs and calves are rather scarce. A good many turkeys are being raised. There is no corn to husk and farmers will not have much to do during the winter. Much wheat yet to be marketed.—W. H. Plumly, Nov. 4.

Gray County—Wheat seeding is about finished. Farmers are busy topping kafir and maize and some farmers are threshing them. Quite a large amount of seed will be threshed this fall. A good deal of stock will be wintered here. Wheat is green but is not large enough to make much pasture. Quite a number of barns and houses are being built.—A. E. Alex-ander, Nov. 7.

Cheyenne County—An inch and a half of rain fell on October 22. This revived the early sown wheat and will bring up the late sown wheat. Corn husking is progressing nicely. Stock is in good condi-tion. A few sales have been held, and everything is selling for high prices. Red wheat 94c; white wheat 86c; barley 44c; corn 45c; hogs \$6.50; butter fat 26c; eggs 18c.—F. G. Casford, Nov. 2.

Riley County—Stock is making its living in the pastures from green stuff. Frost of a week ago injured gardens and tender stuff. Wheat is looking fine. Corn husk-ing is in progress, but the yield is light. Threshing is about done and a great deal of wheat is going to market. Much work is being done on the public roads. There is plenty of dry feed, but the quality of some of it is poor.—P. O. Hawkinson, Nov. 7.

Bourbon County—Weather continues to be ideal. Wheat and rye are in fine con-dition. Alfalfa looks well. Corn husking now is in progress and the yield averages about 25 bushels to the acre. Kafir and cane cutting is almost completed. All kinds of feed are plentiful. Cattle are scarce and sell well. About an average crop of fall pigs is on hand. There is considerable hog cholera in the county.—Jay Judah, Nov. 7.

OKLAHOMA.

Canadian County—Weather is very dry. Ground is too dry to plow. Late wheat on heavy ground has not come up well. New corn 60c; wheat \$1; oats 40c; potatoes 80c; eggs 20c.—H. J. Earl, Nov. 7.

Grant County—We have had fine wheat weather. Hessian fly damaged wheat in the northern part of the county so that it had to be resown. Wheat is making fine pasture. Hogs are very scarce. Few sales have been held.—A. C. Craighead, Nov. 6.

Pawnee County—Last cutting of alfalfa was put up in fine condition and the yield was good. Cotton is about two-thirds picked and not much is being sold. Wheat looks well but the ground needs moisture. Corn selling at 55c; oats 38c; eggs 20c.—V. Funkhouser, Nov. 6.

Kingfisher County—We are having fine weather but a rain would be welcome for the wheat. Large acreage of wheat is sown and some still is being sown. We had a heavy frost the last week in October. Corn is being shipped in. Not many cattle are being fed, and hogs are fed at a loss as the grain crop is short.—H. A. Reynolds, Nov. 7.

Wagoner County—Wheat sowing is nearly done. Ground is dry and we need rain. Early sown wheat is being pastured, but it is injured somewhat in places by bugs and flies. Kafir harvest is nearly com-pleted. Second cutting of wild hay is about all cut. Fall plowing is being done for spring oats. Some winter oats are being sown. Hogs \$6; corn 55c; oats 35c; eggs 20c; yearling calves \$20.—A. P. Gregory, Nov. 6.

Smut in Kafir is Dangerous

I drilled several acres of kafir, last spring, to grow for hay for my horses. A large part of this kafir has headed and there is con-siderable smut in it. Will it be a danger-ous feed for horses? C. A. Brown county, Kansas.

Some kinds of smut are injurious to horses and others are harmless. If we find one kind we usually find the other also. There always is some risk, on account of this, in giving horses any kind of feed that is smutty or moldy. There are times when feed is scarce and high priced when we must take some risk but as a rule smutty feed of this kind should not be fed to horses if it can be avoided. T. W.

The wreck of the Moskva, one of Peter the Great's ships, which was lost in 1758, has been found near Libau.

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...

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

REAL ESTATE MEN, write for special land deal. Lock Box 166, Syracuse, Kan.

BARGAINS in Cottonwood Valley farms and ranches. B. M. Garth, Saffordville, 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, Ks.

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.

820 A. highly improved, 6 mi. Herlington. Best farm in county. Exchange. Stock ranch. Mott & Kohler, Herlington, Kansas.

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

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

820 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. Ellsaesser, Liberal, Kan.

160 A. improved; 1 mi. Madison 100 cult., 12 alfalfa, 40 bottom, 20 timber, 1/2 walnut, bal. pasture. Abundance of water. \$50. Write for lists. P. D. Stoughton, Madison, Kan.

4 SNAPS. 57 a. 2 mi. out, good imp., \$5,130. 120 a. 5 mi. out, impr., \$6,000. 80 a. 3 mi. out, fair impr., \$4,800. 160 a. 4 mi. out, impr., \$8,000. Decker & Booth, Valley Falls, Ks.

POTTAWATOMIE CO. 160 a., 60 cult., bal. pasture and meadow. 30 a. alfalfa; improvements cost \$2,000. Springs and well water. A. A. Murray, Westmoreland, Kan.

80 A. 5 1/2 mi. 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. \$3,300; easy terms. Rosenquist & Renstrom, Osage City, Ks.

TRACTS of 160 to 480 acres; smooth, raw wheat land close to good towns in W. Kansas and E. Colorado, \$4 an acre up, cash. Choice relinquishments cheap. Cash bargains all over Kansas and the Southwest. Christensen Realty Co., Hutchinson, Kan.

STOCK FARM in Chase county, Kansas. 240 acres 5 miles from town, 3/4 mile to school. Daily mail, telephone. 140 acres cultivated, 45 acres alfalfa. 160 acres fine grazing land, 7 acres timber. Splendid improvements. Price \$60.00 per acre, terms. J. E. Cocook & Son, Cottonwood Falls, Kan.

MANY FARMS FOR SALE 40 to 100 miles of Kansas City. Real Bargains. Jas. H. Low, Ozawie, Kansas.

FOR BARGAINS in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzbers, 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.

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

CLARK COUNTY—820 a. southwest of Kingsdown on R. 1. R. R. 400 a. cultivated. Mile to P. O. and school. \$18,000. R. C. Mayse, Owner, Ashland, Kansas.

820 ACRES improved farm land; 200 acres in cultivation, balance pasture; soft water. 1/2 cash, balance to suit at 6%. W. B. Grimes, Ashland, Kansas.

820 A. Coffey Co. 130 a. bottom; bal. upland. Improved; good location. 50 a. alfalfa; 100 a. cult., bal. grass. \$65.00 acre; good terms. Haas Land Co., Gridley, Kan.

160 A. improved, 120 cult., 30 pasture. Windmill. Big hen house, good cellar. Mile to school. R. F. D. and phone. \$45 a. Terms. Thos. J. Stinson, Spearville, Kan.

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

MUST SELL 700 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 \$3500; terms. L. E. Pendleton, Dodge City, Kan.

160 CLOSE to Welda, Kan., well improved, 45 acres of native grass, bal. timothy, clover, alfalfa and plow land. School on corner of farm. Price \$60. For merchandise. Triplett, Garnett, Kansas.

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.

160 A. smooth tillable land; 15 clover, 18 bluegrass; 40 wheat; 80 corn; barn 30x40; corn crib; 5-r. house; 2 wells; price \$54.00 per acre. \$3,000.00 down, remainder 6%. 79 a. smooth tillable land; 15 bluegrass; 12 clover; remainder corn; barn; 5-r. house; 75 ton silo; price \$4,500.00. \$1,500.00 down, remainder 6%. Mansfield Land Company, Ottawa, Kansas.

FOR SALE, improved section of land, "in Kansas," ten miles west of Olpe and ten miles south of Saffordville, both on Santa Fe R. R. Six room house, barn, cistern and wells. Sixty acres good stand alfalfa. Sixty-five acres in corn. Balance good pasture. Living water. Fine place for feeding and breeding ranch. More land can be put under cultivation. Twenty-five dollars per acre. H. P. Hood, Emporia, Kansas, Owner.

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.

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 mi. Wichita; good loam soil, plenty bldgs; mile small town; only \$4600; terms \$800 cash, bal. \$500 yearly. Big bargain. R. M. MILLS, 1003 Schweiter Bldg., Wichita, Kansas.

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. 820 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 Mall 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 mi. good market; school house on place, R.F.D. and phone line. Price \$5500. \$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.

Allen County Farm For \$6,000 Well improved; rolling, creek bottom; a bargain; must sell; terms for half. Also 320 a. Bourbon Co., \$30 per a. Iola Land Co., Iola, Kansas.

FARM AT GREAT SACRIFICE 160 acres smooth, black land, near Parsons, Labette Co., Kan. Well improved, plenty water, good location. Is owned by heirs and must sell for cash only. Somebody will get a snap. Possession at once. W. O. Wilson, Neodesha, Kansas.

PLAINS is located in the heart of the Kansas wheat belt. Real estate values are advancing. Don't delay writing for literature and price list of the choice lots now for sale on easy terms. John W. Baughman, Plains, 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. 3/4 mile to school, 2 mi. 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. O. 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.

MISSOURI

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

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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, Scheil 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.

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.

\$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.

84 A. near Missouri line in Oklahoma; 5 miles to town of 12,000; very rich; fine imp., 60 in cult., 24 in hay; fine water. \$3650, \$1800 cash. Ben F. Browning, 619 E. Walnut, Springfield, 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. LOSBE, 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.

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 Sedalla. Has loan \$25,000.00 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.

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.

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.

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

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.

265 A. rich cutover Ouachita Valley land. No imp.; 3 mi. from Camden; 3000 inhabitants; railroad center; \$7 per acre; terms. D. K. Katz, Owner, Little Rock, Ark.

120 ACRES 5 miles from good town, fair improvements, and partly cultivated; good red oak timber and near a good river; \$7.50 per acre. Write for list of bargains. Arkansas Inv. Co., Stuttgart, 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.

OZARKS. 80 acres 1 1/2 miles from Anderson; plateau land, every acre smooth but three acres in timber, where there is a fine spring; good concrete block house, good stable, good cistern; no better table land in the county. Adjoins big orchards worth \$200.00 an acre. \$45.00 an acre; terms. W. J. Chambliss, Anderson, Mo.

ARKANSAS. 1000 acres of first class farming land, well improved. Price \$30 per a. Write for particulars. Will take part trade. W. B. Lane, Hope, Ark.

ARKANSAS STOCK FARM

400 a. 8 mi. 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

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 1/4 mi. to Haney, 60 a. in cultivation; good spring. 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 small trees rich, productive soil. barn for 12 head stock. 1 mile from H. field, 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.

TEXAS

TEXAS RANCHES

Texas ranches in any size you want, in any part of the state, also colonization tracts. Years of experience in handling farm lands and ranches. Inspection reports made on Texas property. Have a few good tracts that owners will accept part in good trade. Greatest demand in the history for Texas ranches. In writing, state size of tract you want. J. Walter Day, Kansas City, Mo., 215 Finance Bldg. Home-Main 5108.

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.

WE HAVE many nice farms for sale in N. E. Okla. from \$6 to \$40 a., \$12 to \$75 per a. Write for list. Mayes County Land Co., 111 N. Cherokee St., Muskogee, 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.

VALLEY FARM

640 acres, level and very fertile land, (no overflow). Exceptionally well located. 3 sets good buildings. Will divide into three farms. Terms easy. 25% cash. Three miles east of Vinita, Okla. W. M. Mercer, (owner), Aurora, Ill.

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.

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 18,000 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.

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.

NEW YORK

Other Business Forces Sale

313 acres, 12 room house, painted, 3 barns; main barn basement; granary; hog house, shop, fruit; watered by springs and creek. Owner includes 16 good cows, all for \$6000. \$2000 cash, bal. 5% interest. Hall's Farm Agency, Owego, Tioga Co., N. Y.

Only \$1000 Cash Required

165 Acres, 22 Cows, Horses, Tools. And the hay and crops also go to quick buyer of this splendid big fully equipped profit paying farm if taken now, as aged owner wants to retire before winter; he has made money and is willing to give some younger man with small capital a chance; income begins the day you take hold; ideal location; 60 acres fields; spring-watered pasture for 25 cows; 45 acres wood; 2-story, 14-room house, running spring water; 60 ft. barn, cement floor, other buildings; maple and ash shade; price, \$6000, for all, only \$1000 cash, balance easy terms. Full details, location, etc., page 1, "Strout's Big New Bargain Sheet," just out. Write today for your free copy. E. A. Strout Farm Agency, Station 3125 Union Bank Bldg., Pittsburgh, Pa.

Stock Prices May Be Erratic

Record Shipment of Wheat From Eastern Ports Last Week

BY C. W. METSKER, Kansas City, Mo.

LIVESTOCK markets have been pushed from normal bearings by the quarantine for the foot and mouth disease in Illinois, Iowa, Michigan, Indiana, Ohio, Pennsylvania and New York. The Chicago market closed to all business Friday, November 6, and will remain closed for nine days. Indianapolis, Buffalo, Omaha and East St. Louis, though not closed, suffered quarantine restrictions in regard to outgoing shipments. This leaves St. Joseph and Kansas City the only ones of the five western markets not affected adversely by the quarantine. To tie up such a large area and put the largest livestock market out of business for nine days is diverting eastern orders west of the Mississippi river, reducing the shipment and slaughter of cattle east of the Mississippi, and making the entire trade nervous. Livestock shippers and growers must remember that conditions at the markets that remain open are entirely abnormal. It is no time for speculative country buying on the basis of quotations that these markets show.

have been shipped and the country is prepared to hold stock indefinitely. Roughage is plentiful and wheat fields will keep grass fat cattle growing.

Hog Market Nervous.

The trade in hogs has been unsettled by the recent quarantine of cattle for the foot and mouth disease. Hogs may contract any disease, and on that account growers should be careful of their herds. Cleanliness is the first essential. The disease has not spread among swine because hogs sent to market are usually for immediate slaughter, and only recently have shipments of stock hogs been moved from central markets to the country again. Believing that the quarantining of eastern states will cut pork products short, shippers and packers engaged in a scramble for hogs on Thursday, lifting prices as much as 50 cents a hundred pounds. Prices fell back on Friday and Saturday to a position slightly above that of the week before. The market in the next ten days probably will show wild fluctuations. The general tendency is to hold hogs back, in fact seven states must do so. This is damming up the November supply to December when there will be rush marketing and a collapse in prices.

Lambs Above Nine Dollars.

The first lambs ever sold for more than \$9 in November were reported in Kansas City Friday. The top was \$9.15 and this price was paid after an excited trade extending through the entire week. Closing prices last week were 1.25 higher than those of the preceding week and nearly that much higher than in any previous November. The market supply is short, and with most western flocks already in winter quarters it is doubtful whether other than native sheep will be attracted by the increase in prices. Though prices are unusually high for this season of the year it is not improbable that a still further rise will come in the next 10 days. The sheep on feed in Iowa and east cannot be marketed now until the quarantine is lifted. Packers will increase slaughter of sheep at Missouri river markets as much as possible.

The Movement of Livestock.

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

Table with 4 columns: Market, Cattle, Hogs, Sheep. Rows for Kansas City, Chicago, Omaha, St. Louis, St. Joseph and a Total row.

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

Table with 5 columns: 1914, 1913, Inc., Dec. Rows for Cattle, Calves, Hogs, Sheep, H. & M., and Cars.

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

Table with 5 columns: Per 100 lbs., 1914, 1913, 1914, 1913. Rows for Cattle and Hogs.

Big Clearances on Wheat.

Clearance of wheat from seaboard points last week was the largest for this season. Most of it was on passage to the United Kingdom, France, Holland and Italy. This movement was accomplished without causing any material advance in cash prices. It is, however, an outlet for the accumulated supply and if continued will make demand at primary markets much better.

Corn prices dropped 2 to 3 cents this week. New corn is selling at 65 to 67 cents and old corn at 68 to 72 cents a bushel.

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:

Table with 5 columns: 1914, 1913, 1914, 1913, 1914, 1913. Rows for Wheat, Corn, and Oats.

Kansas City Hay Quotations.

Table with 2 columns: Hay type, Price. Rows for Prairie, Timothy, Clover mixed, Alfalfa, and Standard.

Produce Prices Now and One Year Ago.

Table with 5 columns: 1914, 1913, 1914, 1913, 1914, 1913. Rows for Butter, Eggs, and Hens.

FOR SALE OR EXCHANGE

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

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

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

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

HOMESEEKERS, write Andrew Burger, Burlington, Kan., for farm and ranch lists.

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 Carrol Co., Mo., land. 160 or 200 a. R. M. McGinnis, Princeton, Kansas.

TRY BIGHAM & OCHILTREE, they sell and trade farms and property. 802 Corby-Forssee Bldg., St. Joe, Mo.

IMPROVED 1/2 sec. close to good town in W. Kansas; 130 a. level in cult.; fine soil and water; \$6400. Loan \$1000; also deeded land and choice relinquishments at Rocky Ford, Colo. Want clear income, small farm or mdse. We are headquarters for high grade exchanges anywhere. Send full description first letter. Commission 2%. Christensen Realty Co., Hutchinson, Kan.

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 ml. 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—80 acres, 2 miles from town in Arkansas River Valley. Pumping plant furnishes 2000 gallons per minute. 67 a. alfalfa, cut from 6 to 8 tons; good improvements. Family orchard. Box 295, Garden City, Kansas.

Buy or Trade with us—Exchange book free Bersie Agency, Eldorado, Kas

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 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. ... 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 ml. town. Two sets imp 130 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, Mehats, Nat'l Bank Bldg., Springfield, Mo.

480 A. STOCK RANCH, Estanchia 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 ml. 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.

Sale of Stock Not Affected by Fire.

No cattle loss resulted from the fire that burned 15 acres of cattle pens, four hay barns, and seven scales at the Kansas City stock yards, Friday night, November 6. The pens destroyed were north and northwest of the Exchange building. The hog and sheep pens were not threatened. There are plenty of reserve pens into which the cattle can be turned, and this fire will not interfere greatly with the handling and sale of livestock.

Unsettled Markets For Two Weeks.

The best that can be hoped for under existing conditions is an unsettled market. Missouri river markets will draw shipments from Chicago territory west of the Mississippi river, and at the same time many range cattle intended to be held through the winter will be turned to market on account of expected higher prices. This should result in a material increase in receipts in St. Joseph and Kansas City. Demand from killers in the East will be diverted westward and probably will more than equal the increase in receipts. Eastern stocker and feeder demand will be curtailed materially, if not wholly cut off, and some western states will prohibit shipments of cattle into their territory.

The First Effects in Prices.

Last week under urgent eastern orders river markets quoted prices up 50 to 75 cents on killing cattle. Such advance came only from abnormal conditions and while it may be maintained as long as there is cause, a reaction is always a probability. October uncovered the low prices of the season. Values would have tended upward now under normal conditions.

The Quarantine Opportune.

This quarantine comes at the most convenient season of the year. The big movement of western and northwestern cattle has been accomplished. Almost all cattle placed under contract for fall delivery.

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.

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, filing fees and all. J. A. Tracy, Ft. Morgan, Colo.

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 drought. 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.

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, 820 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. B. 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.

Dec. 17—Ed Sheehy, Hume, 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, Aledo, 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. Pritchett, 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, Oronoque, 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. 18—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. Wilson, Lebanon, Kan.
Feb. 26—Lambert Bros., Smith Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.
Mar. 1—Groninger & Sons, Bendena, Kan.
Mar. 2—H. B. Walter, Effingham, 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. 23—Sam'l Drybread, Elk City, Kan.
Jan. 25—J. B. Swank & Sons, Blue Rapids, Kan.
Jan. 25—Geo. Briggs & Son, Clay Center, Kan.
Jan. 26—Ward Bros., Republic, Kan.
Jan. 28—Ira Dodson & Son, Aledo, Ill.
Jan. 27—Wells and Trump, Formoso, Kan.
Jan. 28—Dana D. Shuck, Burr Oak, Kan.
Feb. 6—Phillip 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. 18—J. M. Layton, Irving, Kan.
Feb. 23—J. R. Jackson, Kanopolis, Kan.
Feb. 25—Martin Kelly, Verdon, Neb.
Feb. 27—A. N. Farnham, Hope, Kan.
March 5—Samuelson Bros., Blaine, Kan.
Mar. 11—W. W. Otey & Sons, Winfield, Kan.
Mar. 12—G. C. Norman, Winfield, Kan.
March 17—Mott & Seaborn, Horington, Kan.

O. I. C. Hogs.

Feb. 3—Chas. H. Murry, Friend, Neb.

Shorthorn Cattle.

Dec. 17—A. B. Garrison & Son, Summerfield, Kan.
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.
Feb. 16—F. W. Schaede, Yates Center, Kan.

Jersey Cattle.

Nov. 9—A. L. Churchill, Vinita, Okla.

Percherons.

Dec. 15—E. J. Quiter and others, Albion, Neb.
Dec. 17—J. C. Robison, Towanda, Kan.
Jan. 28—Spohr & Spohr, Latham, Kan. Sale at Wichita, Kan.
Feb. 18—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.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Harris Bros., Great Bend, Kan., are breeders of Percheron horses. The writer recently visited their farm, three miles east of Great Bend and was impressed with the large number of mares on the farm, that were either close to, or in the ton class. They have right at 50 head of Percherons, ranging from weanlings to those of mature age. At the head of their herd is the wonderfully impressive sire, Algarve, by Samson. The get of Algarve has unusual bone and size and as proof of quality and conformation, his daughter was first in class at the Chicago International. When you visit their herd you will be impressed with the bone and draft type quality of his colts. Harris Bros. are offering an exceptional lot of mares now showing safe in foal to him. The fact is if you want good Percheron

mares or stallions the way to get the right impression of these horses is to stop off at Great Bend and visit the farm. Write them when to meet you. Please mention Farmers Mail and Breeze.

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

In this issue W. F. Fulton, Waterville, Kan., is offering Poland China boars and gilts of spring farrow at private sale. He says he will sell them at prices that are low considering the quality of the stock. Mr. Fulton is a well known Poland China breeder. He is also offering Black Minorca cockerels for sale. Write him about either.

Big Type Poland Chinas.

W. A. McIntosh, Courtland, Kan., is offering at private sale a choice lot of Poland China boars and gilts of strictly big type breeding. Two of the boars are by Long John, one of the best big type boars ever owned in Jewell county. He is offering an extra choice lot of gilts and will sell them at fair prices and hold them and breed them to either of his herd boars, Orange Wonder 2d or Tecumseh, a boar he bought of Josh Morgan and sired by Long Sam. The Orange boar he bought of A. J. Swingle and both are great boars. Write Mr. McIntosh if you need a cracking good spring boar or a few gilts either bred or open. Write him today for prices and information.

Breeder and Auctioneer.

Jesse Howell, Herkimer, Kan., is a member of the firm of Howell Bros., who operate a big ranch in Marshall county and who are well known breeders of registered Hereford cattle and Duroc-Jersey hogs. They hold annual bred sow sales every winter and sell all of their surplus Herefords readily at good prices. But this findnote is to call attention to the fact that Col. Jesse Howell is a livestock auctioneer who has a thorough knowledge of the stock business from the standpoint of a breeder. He is a capable, bright young man who has a host of friends among the breeders all over Kansas. He made and assisted in making a number of the most successful sales last winter and is booked in the same sales this winter. He is thoroughly in earnest and is profiting by the experience he gets in every sale he makes. He can and will make you money on your next sale. Write him for open dates.

Arkell's Poland China Boars.

James Arkell, Junction City, Kan., is one of the well known breeders of big type Poland Chinas. He has recently returned from an extensive visit among prominent Nebraska herds and while he was gone bought Chief Big Bone from Thos. F. Miller's great herd at York. It took a good price to buy this great sire but Mr. Arkell felt that he was the boar he needed and bought him. He is in the 1,000-pound class and Mr. Arkell has the opportunity of looking at a number of great young sows by him and some great bars. He was bought to cross on Pan Wonder sows and will surely make a great cross. Chief Big Bone is of Peter Mow breeding and a popular sire in Nebraska. Mr. Arkell is offering for sale some choice March last boars and some fall yearling boars and all of them are great. They were sired by Pan Look, First Quality and Long Fellow Again. He is reserving his top gilts for his bred sow sale in February. The fall and spring boars will be priced to move them. Look up his advertisement in this issue of the Farmers Mail and Breeze. Write him today about a boar.

Poland and Duroc Sale.

J. B. Swank & Sons' Poland China and Duroc-Jersey boar and gilt sale at their farm near Blue Rapids, Kan., last Friday was well attended by farmers and breeders from all over that section of the country. The day was ideal and the roads good and many came in autos. The offering as has already been stated in the Farmers Mail and Breeze was one of the best of the season and while everyone seemed to appreciate this fact there was very little demand and the average fell to something below \$30.

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, Kas.

Percheron Stallions and Mares

At Woodland Stock Farm

35 Head from which to select. Write your wants today. Our prices talk best.

SPOHR & SPOHR

LATHAM, BUTLER COUNTY, KANSAS

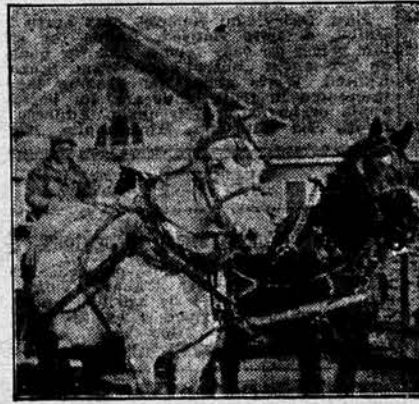
LIVESTOCK AUCTIONEERS.

Ruggels & Son, Beverly, Kansas
Livestock and big farm sales solicited.

Percheron Stallions and Mares

50 Head of Percherons

All Registered in the Percheron Society of America



Percherons Pay Their Way

Algarve by Samson, at the head of the herd, is a wonderfully impressive sire, weighing over 2200 pounds. Young stallions and mares by him and big handsome mares in foal to him, make up a large part of this offering. His two-year-old daughter was 1st in class at the International and the mares we offer you bred to him are the kind that will do honor to him.

If you want Percherons, we want to meet you and there is no better way than right at our barns and pastures, where you can see what they are and how we raise them. When you see this year's crop of big-boned, square-built, handsome colts you will have a better idea of what we have to sell.

These Percherons are strong in the best blood ever imported from France. They have size, bone and conformation that cannot help but please you if you want the good, big draft type of Percheron. We expect to sell Percherons because we have the right kind and at prices you will say are reasonable. Write, wire or phone what you want or when you can call at the farm, 3 miles East of Great Bend. Shipment over both Missouri Pacific and Santa Fe. Call on or address

Harris Bros., Great Bend, Kan.

Public Sale of Pure Bred Stock

Windsor, Mo., Tuesday, November 24th, 1914

Junction of Rock Island and M. K. & T. railroads. Consisting of 30 head Registered Shorthorn cows, heifers; 26 yearling and weanling bulls; 5 yearling steers. A choice lot registered standard mares and young stallions, sired by Bundello 2:18, McGratton 2:23 $\frac{1}{2}$ and bred to Silver Simmons 2:16 $\frac{1}{2}$ and Trusty Walnut 2:16 $\frac{1}{2}$, son of Happy Walnut 2:16 $\frac{1}{2}$. A choice lot of O. I. C. gilts and males; one 15 $\frac{1}{2}$ hands, 5-year-old jack, by the noted High Ball 1st prize winner two years at state fair; 12 young work mules 15 to 16 $\frac{1}{2}$ hands high. Write for catalog.

DR. J. F. ROBINSON, NEVADA, MISSOURI

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



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.

JESSE HOWELL, HERKIMER, KAN.
of Howell Bros., breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

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.

ABERDEEN-ANGUS.

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 one three-year-old bull.
50 Bulls These are the best cattle we have ever offered and priced for quick sale.
SUTTON FARMS, Route 6, Lawrence, Kan.

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. POULTON, MEDORA, 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 grandfathers. (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. E. 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 a son of 90 lb. cow and 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 Sindh 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.

Golden Rule JERSEY BULLS

We have the last two bulls ever sired by the great Island bred bull Cicero's Rochette Noble and will sell them within the next ten or twenty days at half their value. Ten months old and good individuals, out of splendid dams. Worth \$100 each but \$50.00 will buy the choice. Registered and transferred free of charge. First check will have the preference. Wylie & Johnson, Clay Center, Kan

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 Fenmore (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

HEREFORDS.

Polled Hereford Bulls of serviceable ages. 75 farm raised Barred Rock cockerels. Write W. C. MUELLER, Hanover, Kan.

SEDLACEK HEREFORDS

14 bulls from 6 to 16 months old for sale. Maple Lad 34th 397607 by the International Champion, Bonnie Brae 8th in service. Cows by Beau March On 137563; Beau Mustie 179920; Beau Mystic 47th 832162 and Casey 279648. Write us your wants. J. F. SEDLACEK, BLUE RAPIDS, KANSAS

Marshall County HEREFORDS

Ten 2-yr. olds and 23 yrlg. 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. E. W. TILLEY, Irving, Kansas

Prime Herefords

Clover Herd headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds. FOR SALE—Choice bulls of all ages; also heifers and cows. Will sell Garfield 4th, because related to my young stock. F. S. JACKSON, Topeka, Kansas

The top was \$50 for the choice Poland China boar sired by King of Kansas. The Swanks have lived in Marshall county a long time and are popular and their splendid offering was fully appreciated and many flattering compliments were passed on their great herd. The offering was immune and in the best possible breeding form. Among the prominent breeders who attended was Glen Keeseker of Washington, Kan., who bought the top Duroc-Jersey boar at \$40; John Hunt of Marysville, Kan., who bought several fine gilts; Howell Bros., Herkimer, Kan.; J. F. Mueller, Hanover, Kan.; and others. Among the Poland China breeders from a distance were J. L. Griffiths, Riley, Kan.; W. F. Fulton, Waterville, Kan.; E. N. Copeland, Waterville; Wm. Williams, Riley; Chas. J. Cook, Marysville, and others. Mrs. Swank and her daughters served a nice dinner to all.

Illinois and Indiana

BY ED. R. DORSEY.

In a letter of recent date E. D. Frazier of Drexel, Mo., who has one of the best herds of Poland China hogs in the state, says he has 40 spring males as good as ever were on Prairie Valley Stock Farm and we have seen as good hogs on this farm as we ever saw. Mr. Frazier is by no means an amateur in the Poland China business. In fact he was brought up in the business and knows how. Knowing his herd for many years we would stand back of his judgment and his word. If our readers are interested in a strictly first class male or gilt keep Mr. Frazier in mind. We especially refer you to E. D. Frazier of Drexel, Mo., for a square deal.

Nebraska

BY JESSE R. JOHNSON.

Johnson & Nordstrom of Clay Center, Kan., proprietors of the Golden Rule Jersey herd, are dispersing. They have sold all their females and now offer for quick sale two choice young bulls about 10 months old and the last sons of the great Island bred bull Cicero's Rochette's Noble. The bulls are excellent individuals and in order to sell them at once the first check for \$50 will buy the choice. They are easily worth twice the price asked but the price quoted will buy either of them. Recorded and transferred free.

Garrison's Shorthorn Sale.

A. B. Garrison & Son, Shorthorn breeders of Sumnerfield Kan., announces a public sale for Thursday, December 17. A. B. Garrison, senior member of the firm, has been a breeder of Shorthorns for about 20 years and has always been considered one of the best judges of livestock to be found in Kansas. Mr. Garrison is leaving the farm and so is selling off very close, putting into this sale cows and heifers that he would not otherwise sell. Write for catalog any time and mention this notice.

S. E. Kansas and S. Missouri

BY C. H. HAY.

Dr. J. F. Robinson of Nevada, Mo., will hold a sale of 50 Shorthorns, a number of Standard bred horses and a herd of O. I. C. hogs on November 24. The sale will be held at one of his farms near Windsor, a junction of the Rock Island and the Katy. The Shorthorn offering will include 26 young bulls, a number of cows, some calves and some 2-year-old heifers. Write Dr. Robinson for catalog. Address all communications to 210 South Ash St., Nevada, Mo.

Markley's Shorthorn Cattle.

A. M. Markley, the Shorthorn breeder, of Mound City, Kan., is offering young bulls sired by his 2200-pound herd bull, Duchess Searchlight, by Searchlight and out of Knight Duchess, by Happy Knight, by Gallant Knight. Mr. Markley has one of the best herds in eastern Kansas. His cattle have been favorites wherever shown. His young bulls are bred right, raised right and priced at less than you would have to pay some breeders for much inferior bulls.

Publisher's News Notes

The Dempster windmill, illustrated in an advertisement on page 6, is well known to readers of the Farmers Mail and Breeze. It's a good mill. Read the specifications in the advertisement. It will pay to get the free catalog. Address Dempster Mill Mfg. Company, Beatrice, Neb. Tell the company where you saw the advertisement.

Barn Plans.

If you intend to remodel or rebuild your barn or to build new, you will be interested in barn plans. The Loudon Machinery Co., 506 Griggs Ave., Fairfield, Ia., publish a dollar book on barn plans. We have arranged with them to send a copy free to paid-up subscribers who intend to build or remodel their barns. You should write to them direct—not to us—and say you are a paid-up subscriber to the Farmers Mail and Breeze and that you want the barn book. You will then get the dollar book free.

300 Candle Power Lantern.

The Sunshine Safety Lamp Co. of 106 Factory Bldg., Kansas City, Mo., is now offering to the readers of this paper, on free trial, its latest production, the Sunshine Safety Lantern. This lantern gives better light than 18 ordinary lanterns at one-tenth the cost, making its own light from common gasoline. It is absolutely safe and will burn in any position. Anyone wanting to try one of these lanterns should write to them at the above address.

Here's a Free Book.

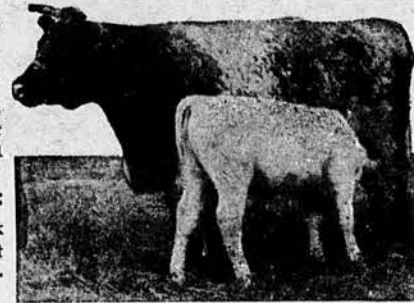
If you have Ropp's New Calculator, you don't need to put in hours of hard work figuring out problems that come up in your daily business transactions. If you want to know the interest on any amount for one day or ten years, or the amount of money you should receive for your grain, hogs, or other produce, Ropp's Calculator will give it instantly. Thousands have given 50 cents and \$1 for this great little book, but farmer-landowners can get it free by writing to the Keystone Steel & Wire Co., 833 Industrial St., Peoria, Ill. This is the company which manufactures the famous Square Deal Fence. If you are a landowner

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.

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.

2 heifers and a bull — milking strain, not related —\$250.

2 fresh milk cows, calf at foot and rebred—milking strain—\$350.

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 showing 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

consisting of many choice animals that carry the blood of noted sires and fashionable families. Built up from foundation stock purchased from the best breeders of the Southwest. 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 silo 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

POLLED DURHAMS. SHORTHORNS

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.

SHORTHORNS. 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 Roan King and Refiner. A very choice lot of bull calves by Rosewood Dale 350854. All from Wisconsin bred dams. LEVI ECKHARDT, 1203 E. 10th, Winfield, 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.

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.

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, G. W. Taylor, Abilene, Kansas

O. I. C. HOGS. O. I. C. PIGS

O. L. C. FALL BOARS REGISTERED FREE.

O. L. C. BOARS THAT ARE EXTRA GOOD.

O. I. C. Swine If you want the best in the popular breed write

O. L. C. FEB. AND MARCH PIGS at \$15 and \$20.

WESTERN HERD O. I. C. CHOICE SPRING boars and gilts for

Sunny Side Herd O. I. C. Spring pigs both sex, pairs and trios not related.

Grandview Stock Farm 25 O. I. C., March and April, boars and gilts.

Immune Chester White Boars The first check for \$20 gets choice of 25 boars

O. I. C. Bred Sows and Gilts A few tried sows and gilts, bred for fall farrow.

Maple Grove O. I. C's. At Reduced Prices Pigs two to three months old, \$9.00 each.

BERKSHIRES. Hazlewood's Berkshires Choice boars and gilts, all ages; priced to sell.

Walnut Breeding Farm BERKSHIRE boars and gilts, spring farrow, grandsons

Private Berkshire Sale 10 Aug. and Sept. boars at \$25 to \$50.

BERKSHIRES for show and utility purposes. Write for prices, describing your wants.

Special Offering Sutton Farm Berkshires 125 head for sale, 10 service boars, 15 bred sows

MULE FOOT HOGS. "Mule Footed Hogs" The coming hogs of America. Hardy, good rustlers.

DUROC-JERSEYS. WOODDELL'S DUROCS Herd headed by Rex E. Nuff by Good E Nuff Again King

PRIVATE SALE OF DUROC-JERSEYS 6 choice spring boars, 25 spring gilts, 15 fall yearling

SCHWAB'S Duroc-Jersey Hogs 150 head for the season's trade. Both fall and spring boars

Select Chief, The Grand Champion this fall at Hutchinson and Oklahoma City.

and you are interested in better fencing, drop them a postal card for the Calculator

A Sawing Machine Improved. Who hasn't read the advertisements of this famous sawing machine?

The improvement this year is the addition of a combined pressure and saw guide which keeps the end of the saw from flopping.

Firestone Protects Employees. The ramshackle, poorly ventilated and dimly lighted factory is becoming more and more a thing of the past.

Remedy For Lice on Stock I once saw a remedy, consisting of ammonia and borax, for lice on stock published in the Farmers Mail and Breeze.

Figs Get Lame I have some 3 or 4 months old pigs that eat all right but seem to be weak in their hind quarters.

There is a bone disease known as rickets that sometimes causes lameness in young pigs. This disease is a softening of the bones caused by a deficiency of lime or calcium salts in the ration.

DUROC-JERSEYS. IMMUNED DUROC-JERSEYS Best of blood lines. Big type. Plenty of all ages.

Smith's Durocs Yearling gilts, by Smith's Graduate, others by Tattler, by Tattarax, bred for September litters.

DUROC-JERSEY BOARS AND GILTS 100 head both sex and pairs not related, sired by Van's Crimson Wonder and Iowa Chief.

BARGAINS IN DUROCS Bred sows and gilts. Good thrifty spring boars and sow pigs.

115 Rich Bred, RICH RED DUROCS 14 March boars, the tops, nice growthy fellows not fat.

Durocs Immune Duroc males for sale at twice their market value per lb. Guaranteed immune and breeders.

Duroc-Jersey Bred Sows Fall Yearlings, bred to Advancer. Extra individuals, Crimson Wonder and Col. blood.

November Boar Bargains 12 big stretchy fellows that can't help pleasing you.

Good E. Nuff Again King, Grand Champion Crimson Wonder 4th, second, Kansas State Fair 1913.

Pawnee Crimson 117813 by Crimson Wonder 3rd. Spring and last fall boars for sale by three different boars.

Bonnie View Stock Farm For Sale: March and April boars and gilts by Tat-A-Walla and Jayhawk Crimson Wonder.

Illinois Durocs For Sale Eight high class spring pigs and ten fall gilts by Chief Selection and Professor King.

Duroc-Jersey Boars A few choice spring boars ready for service from sows strong in Tattarax and Ohio Chief blood.

ASH GROVE DUROCS Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed.

17 MARCH BOARS Sired by Wylie's Good Enough, by Good Enough Again King, the grand champion boar last season.

1000 Pound DUROCS We have the frames for this weight. For years I have bred for size.

SIZE and QUALITY DUROCS A choice lot of spring pigs. Pairs, trios, and young herds unrelated, also fall gilts.

BANCROFT'S IMMUNE DUROCS We hold no public sales; nothing but the best offered as breeding stock.

Royal Scion Farm Durocs The Great Graduate Col., Col. Seloz and Gano's Pride head this herd.

25 Choice Duroc-Jersey Boars 25 Priced so the farmer can buy them. Type and quality that add size and vitality to a herd.

BALDWIN DUROCS Baby boars \$7. Spring gilts \$25. Bred to "Bell the Boy" the undefeated first prize winner at the "Kansas State Fair".

BIG TYPE UNPAMPERED BERKSHIRES 150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Trustype, King's Trustype.

DUROC-JERSEYS. DUROC-JERSEY-O. I. C. boars, both breeds of March farrow at \$12.50 to \$20

CAMPBELL'S DUROCS A few fall gilts, also spring pigs—the handsome, stretchy kind.

Twenty-Two Duroc Boars Both fall and spring farrow, sired by Country Gentleman, Golden Model 4th and other excellent sires.

Thompson's Duroc-Jerseys Fifty spring male pigs now ready for shipping. All the first class breeding known to Duroc-Jerseys in our herd.

Illinois Duroc-Jersey Pigs By Chief Selection 124885, Pal. 44543, Prof. King 35481.

Marsh Creek Herd DUROCS Choice boars by Crimson Defender, Immune boars for the farmer at farmer's prices.

TATTARAX HERD DUROCS No bred sows or gilts to spare. Special prices on spring pigs.

Maplewood Durocs No fall sale but special prices for a while on top spring boars and a few choice fall boars.

BRED GILTS Yearling gilts, growing and thrifty, bred for late summer and early fall farrow.

HOWE'S DUROCS Fall yrng. gilts, out of most prolific sows of breed. Spring boars and gilts by J. U.'s Model Duroc.

Special For 30 Days 1 herd boar, by Model Top; 3 tried sows, open; 25 spring boars; 40 spring gilts, also fall pigs.

SHEPHERD DUROCS Ohio Chief, Col. and Good E Nuff Again King blood lines. Choice from large litters.

Hillcrest Farm Durocs Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914.

50 Duroc-Jersey Boars The actual tops from the 375 pigs of March and April farrow.

Private Boar Sale Top boars from our 115 March and April Duroc-Jersey pigs.

HOWELL BROS. Herkimer, Marshall Co., Kansas.

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

HAMPSHIRE.

Registered Hampshires Choice boars and gilts, well marked. A. Swanson, Windom, Ks.

Registered Hampshires Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWRY, OXFORD, KANSAS

Hampshire Boars and Gilts at close prices. Registered. Also 30 pure bred Buff Leghorn Cockerels. F. B. Wempe, Frankfort, Kan.

HAMPSHIRE 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 HAMPSHIRE

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 brood sows. I guarantee to please you or adjust any difference to your complete satisfaction.
FRANK H. PARKS, Olathe, Kansas

POLAND CHINAS.

I Have Some Fancy Males FOR SALE at A BARGAIN. Priced to sell. Sired by my blue ribbon reserve champion and grand champion boars. W. Z. BAKER, RICH HILL, MO.

Spring Brook Stock Farm For sale: Foll Durham Bulls and Poland China boars. Write me for prices. T. M. Willson, Lebanon, Kan.

Spring Boars By the champion Smuggler priced for quick sale. J. B. Myers, Galva, Kan.

Poland Chinas with size and quality herd Giant and Long Look. Cholera immune. Stock for sale. LAMBERT BROS., SMITH CENTER, KAN.

12 Spring Boars A Wonder, Corrector, Hadley, Contractor blood. \$15 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 Herren, Penokee, Graham Co., Kan.

POLAND CHINAS Big type, long bodied, smooth, prolific, pedigreed. 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

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 Bookside 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.

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

every 100 pounds of live weight, administered once every day is beneficial.

If the Fowlers solution does not produce results in 12 or 14 days it might be well to try the following combination:

Calcium phosphate 1 dram
Fluid extract of nux vomica.....20 drops
Cod liver oil.....2 drams

This amount makes a dose for every 100 pounds live weight.

The weakness of the hind parts may be due to feeding an exclusive corn ration, or a ration lacking in protein or growth producing material. The remedy in this case is to feed a better balanced diet.

Lameness often is caused, at this time of the year, by allowing too many pigs to sleep together or forcing them to sleep in damp, cold quarters with insufficient bedding. If too many pigs sleep together they pile up, become overheated, and cool off too rapidly. If they sleep in cold, damp, uncomfortable quarters they are likely to be troubled with rheumatism. A large per cent of the fall pig troubles is caused by lack of care, poor sleeping quarters, and too little bedding. T. W.

Livestock Rate Hearing

The case of the National Society of Record associations has been set for a hearing before the Interstate Commerce Commission in Chicago November 20. The breeders of purebred livestock in the United States are attacking the present requirements of railroads relative to less than carload livestock shipments, through their national organization. Every breeder of purebred livestock in this country is interested in the outcome of this hearing.

The breeders will attempt to obtain relief from the present excessive rates imposed on shipments of livestock under declared values in excess of the limited liability. They ask that instead of the present rule providing for an increase of 10 to 50 per cent of the rate for every increase of 100 per cent in value, there be substituted a provision for a 2 per cent increase of the rate for every 100 per cent increase in value. The breeders also ask to have the minimum weight reduced in the official classification in territory where stallions now are shipped at 7,000 pounds and other horses and cattle at 5,000 pounds. The present limitation of liability in case of loss is said to be unreasonably low. The commission is asked to order an increase of this liability to a figure more nearly representing the actual value of the stock. Modification of the rules and requirements relative to attendants with such shipments also are asked.

The hearing will be held before Examiner Kelley. Evidence substantiating the claims of the breeders will be procured, and testimony presenting the claims of the railroads will be taken. Cassoday, Butler, Lamb & Foster of Chicago will present breeders' side of the case. After the November hearing the testimony taken will be referred to the Interstate Commerce Commission and further hearing and argument will be had before that body at Washington, D. C., after which the decision of the commission will be rendered.

The breeders and shippers of purebred livestock in all parts of the United States will be affected by the decision of the commission. The requirements and provisions relative to less than carload livestock shipments on every railroad will be considered at this hearing. The assistance and co-operation of all breeders is necessary to place facts showing the present situation in each part of the country fully before the commission. Shippers able to furnish information relative to actual shipments, the rates and weights charged and additional expenses caused by requirements for attendants, are requested to send the same, to Wayne Dinsmore, Secretary-Treasurer of the National Society of Record Associations, Union Stock Yards, Chicago, Ill.

William Penn, in his Charter of Rights, provided that for every five acres of forest cleared one acre should be left in woods. Foresters today maintain that on an average one-fifth of every farm should be in timber.

Bring the stack bottoms, and the chaff from around the separator, to the hen yard. Industrious pullets will scratch lots of small change from this waste material.

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 address **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, GULFORD, 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, BRIMSON, 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.
F. P. ROBINSON & CO., MARYVILLE, MO.

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.

POLAND CHINAS.

Courtland Herd Big Type Polands

For Sale: boars and gilts by Long John. Gilts bred to Orange Wonder 2nd or Tecumseh Sam. W. A. MCINTOSH, COURTLAND, KAN.

POLAND CHINA BOARS AND GILTS

Good ones at prices that move them. Also Black Minorca Cockerels for sale. W. F. FULTON, Waterville, Kansas.

Poland China Boars

March and April farrow Also a few choice fall yearlings. These are actual tops and for sale at reasonable prices. Strictly Big Type. Gilts reserved for bred sow sale. **JAS. ARKELL, Route 4, Junction City, 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.**

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.

ERHART'S BIG TYPE POLANDS

The Biggest of the Big Type. Herd headed by Robidoux 59527, seven feet and eight inches from top of head to root of tail, weight 1200 pounds and stands on a twelve inch bone. A fine lot of massive spring boars, priced for quick sale. Also choice females.

A. J. ERHART & SONS, NESS CITY, KANSAS

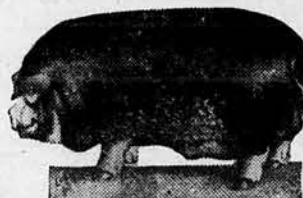
PRIVATE SALE

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.

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.



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

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THE S. R. FEIL CO.
A Registered Pharmacist, a graduate of the Cleveland School of Pharmacy and the National Institute of Pharmacy. He has been engaged in laboratory work for more than 25 years. For many years engaged in compounding veterinary remedies.



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Send No Money—Just This Coupon

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Ship me enough Sal-Vet to last my stock 60 days. I will pay the freight charges when it arrives, agree to report results promptly in 60 days, and at that time pay for it if it does what you claim. If it does not you are to cancel the charge.

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P.O.....Shipping Sta.....

State.....No. of Sheep.....

Hogs.....Cattle.....Horses.....

**Fill Out This Coupon
MAIL
TODAY**

**Just Tell Me How Many Head
of Stock You Have and
I'll Feed Them 60 Days
Before You Pay**

I want to prove to you right on your own farm before you pay what I have already proved to thousands of other farmers. I want you to see with your own eyes how your stock will gain faster them run to SAL-VET, my great worm destroyer and live stock conditioner. To convince you of the superior merit of this great preparation, I am willing to risk a whole two months' supply—enough to feed every animal on your farm for 60 days with the understanding that it will not cost you a penny if it fails to do what I claim. Hundreds of thousands of farmers already feed SAL-VET—no doubt many in your own neighborhood. Now I want YOU to try it too, at my risk. Read these letters:

"My experience is that SAL-VET is the best and greatest conditioner ever fed to sheep and hogs."—Charley Higgins, Route No. 1, Roachdale, Ind.

"Hog cholera has been prevalent here this fall. My hogs have so far escaped and I am crediting this fact to SAL-VET."—W. B. Ellsworth, Brookwood Farm, Ottawa, Ill.

"I am well pleased with the results of feeding SAL-VET. Our hogs have had no cholera, while our neighbors all around us, have lost all of theirs."—J. B. Jolliffe, Rolfe, Iowa.

SAL-VET

The Great **WORM DESTROYER** The Great **LIVE STOCK CONDITIONER**

SAL-VET is the greatest boon to stock raisers ever discovered. Jas. Leet, the well-known breeder of International Prize Winners, says: "It is the salvation of the sheep business in America." Hon. A. J. Lovejoy, Ex. Pres. of the International Live Stock Exposition, and famous expert on Hog Raising, says: "It is the best preparation we have ever used." Prof. E. J. Iddings, Animal Husbandman of the University of Idaho Agricultural Experiment Station, says: "Since using SAL-VET we had no further trouble with worms." In fact, it is recognized everywhere by leading live stock authorities as the foremost preparation for the destruction of worms in farm animals. SAL-VET is a medicated salt—therefore, easy to feed—stock like it. It requires no dosing, no drenching, no starving. You simply place it where all your farm animals can run to it freely and—

They Doctor Themselves

SAL-VET contains no antimony, but just those medicines your stock need to rid them of worms and to keep them in the pink of condition. It will improve the digestion, sharpen the appetite, tone up the system, help them get the utmost good from their food—give them smoother, glossier coats, and make them thrive and grow into profits faster.

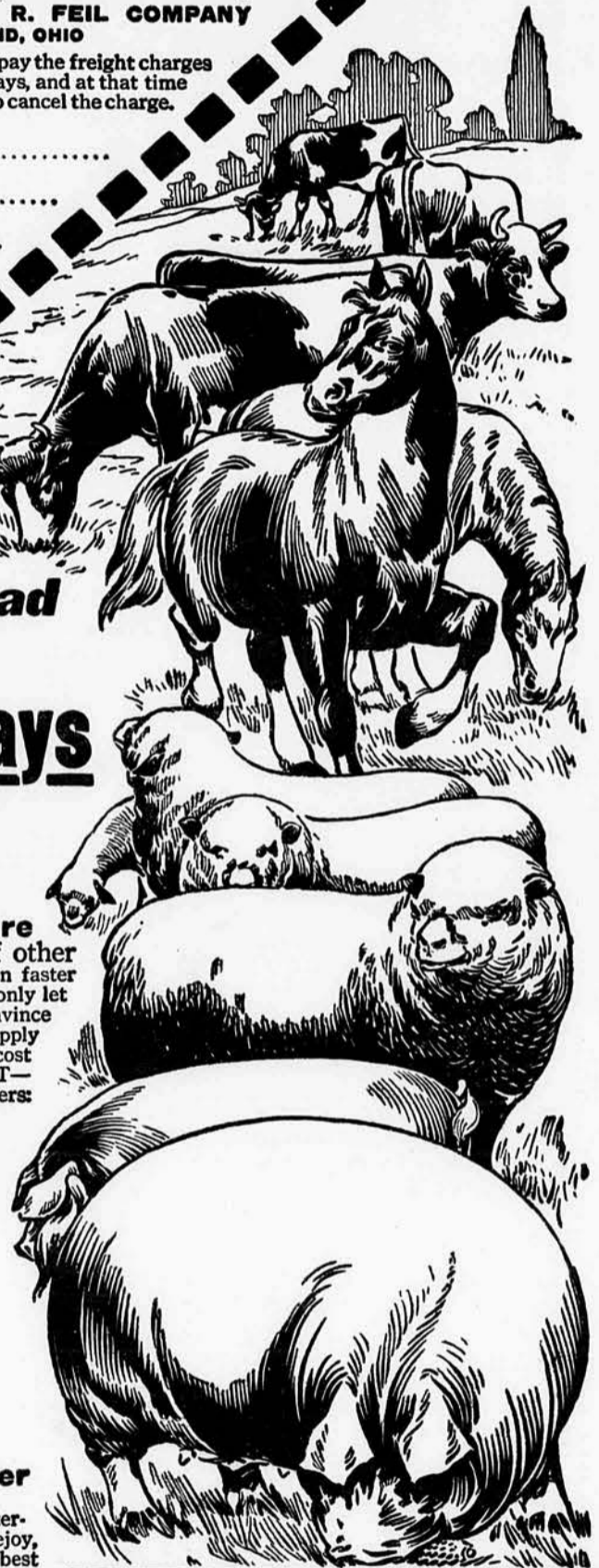
I want to prove these things to you right on your own farm. I want you to find out from actual experience what SAL-VET will do for your stock, and all I ask is that you

Feed It—Prove It—Before You Pay

You can't afford to turn down this liberal offer. You can't afford to be skeptical—you can't afford to delay. I don't ask you to send me one penny or to take anybody's word for what SAL-VET will do for your stock. I simply say try it now—at my risk—you be convinced. All I ask is the privilege of shipping you enough to last all your stock 60 days. You simply pay the freight charges when it arrives, feed it as directed and at the end of 60 days report results. If it fails to do what I claim—if it fails to rid your stock of the deadly, blood-sucking, disease-breeding stomach and free intestinal worms, there will be no charge—you won't owe me a penny. I have arranged a large coupon at the top of this advertisement to make it easy for you to send in for your trial order. Fill it out and mail it today.

SIDNEY R. FEIL, Pres.

THE S. R. FEIL CO., Mfg. Chemists CLEVELAND, OHIO



SAL-VET Does the Work

"I had 75 head of hogs and lost 79 from worms. I cut open some of those that died and found in each from 20 to 45 big worms knotted in the small intestines. I fed tobacco, salt and ashes, besides two or three proprietary preparations and in fact everything else I ever heard of, but none did any good, but your SAL-VET certainly knocked the worms. I am still feeding it and they are still coming. SAL-VET surely is doing the work; the hogs look better, eat better and are doing better."—ROBT. YAGER, Gentry, Mo.

Good Advice for All Sheepmen

"About the first of September our lambs commenced to die, and we lost about 20 head. Finally we went to an old sheepman and asked him what to do. He said, 'I guess your lambs have stomach worms and you better feed them SAL-VET.' So we ordered one hundred pounds and started feeding it in bran and oats, and in a few days we were convinced that our friend had advised us right, as we found piles of dead worms where the lambs had been at night. We saved 74 head of lambs and could have saved all of them had we only fed SAL-VET sooner. Our lambs gained flesh very fast after they got rid of the worms and we sold 24 bucks at an average of 78 pounds each. SAL-VET is a wonderful remedy as a worm destroyer and tonic and we take pleasure in recommending it to all stock raisers."—CUTLER & HAYES, Salem, Ill.

Great for All Stock

"I fed SAL-VET to all of my stock, and can say that I never saw anything do stock so much good as SAL-VET. My sheep began to fatten at once and I have the finest bunch of lambs of anyone around. Am glad I accepted your SAL-VET offer."—DAVE NICHOLS, Dyer, Ky.



Look For This Label

Don't buy "Sal" this or "Sal" that. Get the original, genuine Sal-Vet prepared only by The S. R. Feil Co., Manufacturing Chemists, Cleveland, Ohio. Don't be deceived by imitations.

PRICES

40 lbs.....\$ 2.25
100 lbs..... 5.00
200 lbs..... 9.00
300 lbs..... 13.00
500 lbs..... 21.12

Special discounts for large quantities. No order filled for less than 40 lbs. on 60 day offer. Never sold in bulk; only in Trade-Marked "Sal-Vet" Packages. 60 day trial shipments are based on 1 lb. of Sal-Vet for each hog or sheep and 4 lbs. for each horse or head of cattle as near as we can come without breaking regular sized packages.