

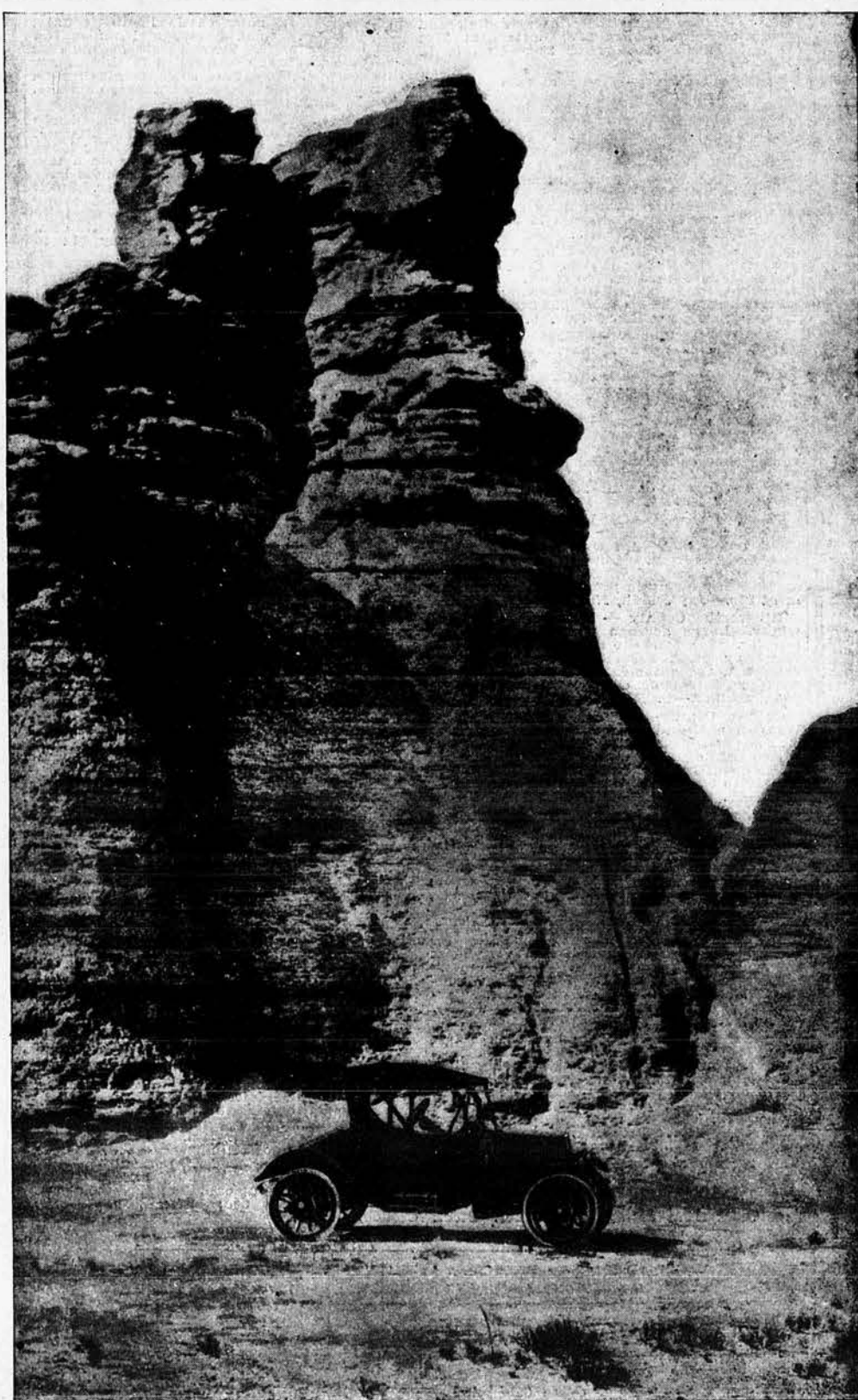
THE FARMERS MAIL AND BREEZE

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November 15, 1913

Number 36



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Wheat is Growing Fine

There Are Few Hogs In Kansas

Corn shucking is in progress in all parts of Kansas. The yield is rather light, of course, but most fields are being gone over. Wheat is looking fine, for there has been enough rain to allow it to make a good growth. The indications are that the crop will go into the winter in good condition. Only a few places in the northern counties report any damage to the wheat from the early freezes.

One of the encouraging things is that there is much more feed in Kansas and Oklahoma than most men believe. The late fall rains brought out forage crops in good shape. There was a great deal of alfalfa cut as late as the first week in November. Hogs are very scarce.

KANSAS.

Sheridan County—Wheat sowing finished and it is in good condition. No corn to husk. Stock in general looking well. Horses very cheap. Cattle very high. Eggs 18c; cream 29c.—R. E. Patterson.

Elk County—Fine fall weather. Kafir cutting in full swing. Yield of fodder good. Plenty of roughness for winter feeding and some to spare. Eggs 26c; butter 27c; corn on track 80c; butter 30c.—Mrs. S. L. Huston.

Kingman County—Plenty of rain and crops doing fine. Cattle not keeping wheat pasture down. Cattle sell at good prices. Mules being shipped out and bringing fair prices. Hogs \$7.25; milk cows \$65 to \$90 head.—B. F. Shelman.

Washington County—Wheat seeding extended into November on account of snow and cold. A good rain would help the late wheat. Most everybody buying corn. Butter 22 to 25c; eggs 24c; potatoes 75 to 90c; corn 78c.—Mrs. Birdsey, Nov. 8.

Wyandotte County—Weather very pleasant; fine for winter grains. Frequent rains have started streams to flow. Roads in fine condition. Corn not turning out as well as some had expected. Stock looking fine.—G. F. Espenlaub, Nov. 5.

Hodgeman County—Wheat nearly all sowed. It is up and most of it is being pastured. Late rains made pasture good. Feed scarce. Few sales. Cattle bring good price. Tomatoes scarce. Apples \$1 to \$2.40 bushel; potatoes 85c to \$1.—E. N. Wyatt.

Renov County—Corn husking half done. Corn making from nothing to 5 bushels an acre. Wheat has a good start and more sown than common. Old wheat 73c; corn 83c; cattle \$5; hogs \$7; potatoes \$1; eggs 30c; butter 25c; cream 26c; apples \$2.—D. Engelhart, Nov. 7.

Bourbon County—Good weather has come again. Corn and kafir cutting completed. Stock doing well. A few cases of stalk field diseases reported. Few hogs and cattle going to market. Fall pigs scarce. Considerable fall plowing in progress. Corn shipped in at 83c.—Jay Judah, Nov. 8.

Ellsworth County—Weather cold and windy. Large acreage wheat sown in this locality. Some wheat sown on ground prepared by plow, some with disk and some drilled in the stubble. The wheat all looks well for this time of year and is making good pasture.—C. R. Blaylock.

Ottawa County—No moisture for 10 days. Weather cool and windy. Wheat is fine and makes good pasture for stock. Cattle and horses gaining in flesh. Hogs scarce. Threshing is about finished and straw stacks selling for \$10 to \$20. Considerable road work being done.—W. S. Wakefield, Nov. 8.

Pawnee County—Nice showers keep wheat prospects up to 100 per cent. Some cold weather, 16 below freezing. Land changing hands at \$30 to \$100 acre. Few sugar beets raised as an experiment. They are harvested and some profit reported. Eggs 32c; butter 22c; wheat 80c.—C. E. Chesterman, Nov. 7.

Clark County—Wheat in fine condition. Late rains insure plenty of moisture for winter. Feed all cut and it is a very light crop. No seed crops here. Not so many cattle will be wintered as formerly. Farmers will have to depend on their wheat pasture to get their stock through the winter.—H. C. Jacobs.

Sumner County—Weather has been warm the last few days and wheat has made a wonderful growth. Some plowing being done for spring crops. Hogs scarce. Stock doing nicely on wheat pasture. Hogs \$7.20; wheat 78c; corn 78½c; oats 50c; butter fat 28c; butter 25c; eggs 28c; apples 95c; potatoes 90c bushel.—E. L. Stocking, Nov. 8.

Crawford County—More cold in October than for many years. Some fear for the wheat as it had not been seasoned to any cold weather when the first freeze came. Number of cows and some horses sick and some dead from eating corn fodder. Stock

selling well at sales. Butter 25c; eggs 25c; cream 27c; potatoes \$1.—W. W. Orr.

Norton County—Cold, dry, windy weather. No corn to gather. Some farmers digging silos for next year's use. Farmers well pleased with silage that is being fed. Hog prices are a disappointment to many farmers. Many public sales and high prices at the same. Hundreds of bushels of alfalfa seed offered for sale at \$5 bushel; corn 85c.—Sam Teaford, Nov. 8.

Douglas County—Corn being cribbed. It is very poor on bottom land and still worse on upland. Last cutting of alfalfa being put up but it is in poor shape on account of rain and snow. Wheat looks good. No hog cholera in this county. Sweet potatoes all dug and worth \$1; Irish potatoes 60c; old corn 85c; oats 47½c; butter 30c; eggs 28c.—O. L. Cox, Nov. 1.

Rush County—Plenty of moisture in ground to keep wheat growing until spring. All wheat sown in good time looks very well and is making fine pasture. Stock looks well and milk cows are giving much milk for this time of year. Number of farmers have done some butchering the past week. Eggs scarce at 26c; hens 10c; butter fat 26c; country butter 25c; corn 80c; potatoes 80c; coal \$8; hay \$8 in the stack.—J. F. Smith, Nov. 8.

Harper County—Weather fine. Wheat in good shape for winter. Good pasture for all stock. A few public sales and everything sells at the usual prices. Milk cows lead in price. Not many cattle in the county. Hogs scarce. Good horses and mules few and high in price. Farmers are buying oats and corn as these crops failed in this county this year. More wheat sown this fall than ever before. Wheat 80c; corn 80c; oats 45c.—H. E. Henderson, Nov. 8.

Miami County—Weather unsettled. Cloudy most of this week and cold wind blowing. Wheat not all sown yet. Early sowing looks good. Much bluegrass and alfalfa sown this fall and bluegrass looks good. Farmers busy plowing and getting ready for winter. Stock water none too plentiful yet. Good many farm sales. Stock selling well, especially cattle. Hay and grain high. Very little corn to shuck. Corn 80c; oats 45c; hay \$12 to \$18.—L. T. Spelman, Nov. 7.

OKLAHOMA.

Payne County—Weather cold the last month with rain and snow. About two-thirds of the cotton picked. Wheat acreage small. Corn 80c; cotton \$3.75; potatoes \$1; eggs 25c and butter 30c.—A. M. Leith, Nov. 1.

Tillman County—Lots of rain and several hard frosts. Wheat looking fine. Cotton nearly all out. Kafir and cane damaged badly in the shock, by heavy rains. Plenty of feed in the county to take stock through.—E. T. Austin, Nov. 8.

Alfalfa County—Wheat looking fine. Nice gentle rain the last 24 hours which is welcome. Lots of cattle being pastured on wheat. Larger acreage than usual of wheat. Fat hogs scarce. Cattle pastured for \$2 a month. Eggs 25c; butter 22c.—J. W. Lyon.

Pawnee County—Country elevators getting quite a little corn. Not many cattle in this county but what there are bring a good price. Horses and mules not so high as last year. Spring milk \$60 to \$90; butter 25c; eggs 25c; corn 67c.—V. Funkhouser, Nov. 6.

Cotton County—Winter wheat looking fine. Lots of rain. Cotton picking still in progress. Some of the farmers are shipping in purchased cattle. Some silos being built yet. Few sales. Cattle bring high prices. Corn 55c; cotton 11½c to 12½c.—Lake Rainbow, Nov. 8.

Lincoln County—Fine fall weather. Cotton nearly all picked and selling for 12½c. Plenty of farm sales and property selling well. Pastures good. Eggs scarce. Butter plentiful. Wheat and rye growing nicely. Milk cows selling for \$60 to \$80.—J. B. Pomeroy, Nov. 8.

Kingfisher County—Touch of winter with snow the last of October, but lots of rain and growing weather since. Too wet and cloudy to dry the last cutting of alfalfa. Large crop of wheat sowed and more going in yet. It looks fine and some of it is the best pasture we have had for years. Cotton smallest crop for years.—H. A. Reynolds, Nov. 8.

Texas County—Rain and snow and colder the last of last month. Some farmers still sowing wheat; others preparing land for oats and barley. A lot of stock pasturing on the wheat and doing fine. Fall threshing is started and broomcorn is about all seeded. Hay on the river land is short this year. As a rule health is good here. Milo \$11 ton; broomcorn \$75 ton; hay \$15.—Frank Free, Nov. 8.

Rogers County—Nice fall weather. Wheat never looked better at this time of year. Lots of wheat and rye put in for pasture. Feed is not very plentiful. A few public sales but horses not selling very good. Mules and cows bring fair prices. Some are plowing for corn. Corn shucking almost over. Corn 75c; wheat 75c; oats 40c; hay \$15; potatoes \$1.15; eggs 30c; butter 30c.—W. S. Crouch, Nov. 8.

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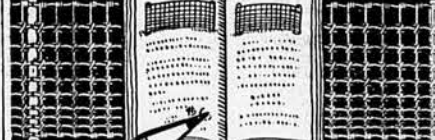
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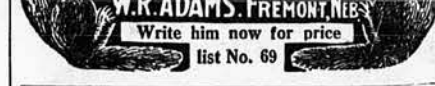
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THE FARMERS MAIL

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Corn, Shorts and Tankage Gave Profits

A Combination Ration For Hogs Which Practical Tests Show to be Exceptional—The Experiment Station Gives Some Interesting Results For Feeders

By Turner Wright, Livestock Editor

IT WILL pay you to give the hogs some alfalfa hay, skim milk, shorts, tankage, or meat meal if they are being fed on corn alone. Corn is lacking in bone and growth-producing material and does not give satisfactory results when fed alone. This is especially true when the hogs do not have access to a good pasture. Alfalfa hay, skim milk, shorts, meat meal, and tankage furnish the materials that are lacking in corn. When corn is supplemented with one or more of these feeds the cost of the gains secured is much reduced.

A few years ago, when corn was cheap and hogs were grown until they were from 1 to 2 years old, thus almost completing their growth before they were fattened for market, feeders found that they could secure profitable returns by finishing them on corn, and that it did not pay to feed mill feeds. Conditions have changed in the last few years, however, and exclusive corn feeding does not prove satisfactory. The market demands a lighter hog now than it did in the days of cheap corn and farmers are marketing their hogs at an earlier age. The cost of maintaining the stock hogs for from 6 to 12 months has thus been eliminated and the total cost of production cheapened thereby.

Most of the hogs that now reach the market are finished when they are less than 1 year old. Because of the early age at which these hogs are marketed they must still make some growth while they are being fattened and consequently must be fed on feeds that supply some growth material. The economy of feeding growth-producing feeds to breeding hogs and growing shoats has long been recognized by the majority of successful hog growers, but as corn is a fattening feed it is often declared, still, that it is not a good plan to add the more expensive protein feeds when it is fed to fattening hogs that have already made considerable growth.

Most of the spring pigs farrowed every year are grown during the summer on alfalfa or clover pasture with a little grain and fattened in the fall and winter when the new corn crop is available. At this season there is little pasture. Most of the feeding is done in dry lots. Pastures were short and other feeds were scarce this summer, and the spring pigs did not make so much growth as usual, thus making it all the more important to supply growth-producing feeds in the fattening ration. At the ruling prices of feeds and fat hogs the best use will have to be made of the feeds available if the hog feeding operations this fall and winter are to prove profitable.

A number of experiments to determine the best supplements to corn for dry lot hog-feeding have been conducted at the Kansas Agricultural college during the last few years. Alfalfa hay, shorts, and tankage were the supplementary feeds used. In general, four different rations were fed. These rations were corn alone; corn and alfalfa hay; corn and tankage; and corn, shorts, and tankage. The

proportion of the different feeds in the mixed feed rations varied with different trials but the general average was approximately: Corn 90 per cent and tankage 10 per cent for the corn and tankage ration; and corn 62 per cent, shorts 30 per cent, and tankage 8 per cent for the corn, shorts, and tankage ration. The alfalfa hay was fed in racks and the hogs were allowed to eat it at will. All of the corn was ground. The shorts and tankage were mixed with the ground corn and every feed of grain was wet just before feeding. The conditions surrounding the experiments were made as nearly alike for all lots as it was possible to get them.

More than 300 hogs, good thrifty shoats weighing from 75 to 150 pounds were used in these experiments. The results obtained show that the cheapest gains were made with a combination of corn, shorts, and tankage and the most expensive with corn alone. With corn valued at 75 cents a bushel, alfalfa hay at \$15 a ton, tankage, \$50 a ton, and shorts at \$27 a ton, the feed required to produce 100 pounds of gain cost \$8 for the hogs fed corn alone; \$7.40 for the hogs fed corn and hay; \$6.95 for the

other feeds are scarce and too high priced to be fed at a profit alfalfa hay should take their place.

The results obtained from the use of shorts and tankage show that the addition of these more concentrated growth-producing feeds gave larger gains than the addition of alfalfa hay and that the cost of the gains secured was much reduced. It was noted, too, that the hogs fed tankage, or shorts and tankage, not only made cheaper gains, but that they fattened 20 to 30 days sooner and sold for 10 to 20 cents a hundred pounds more than the others.

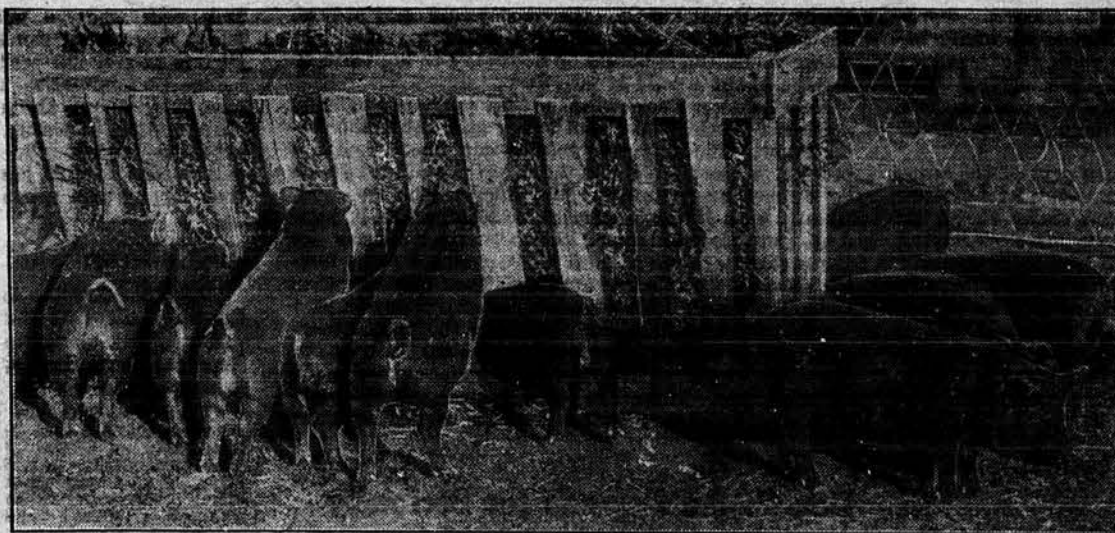
In every trial save one where comparable lots were contrasted the combination of corn, shorts, and tankage proved cheaper and more efficient than the combination of corn and tankage. The average results for all the trials showed a difference of 44 cents, in the cost of the feed required to produce 100 pounds of gain, in favor of the lot that received shorts in addition to the tankage. It should be remembered that these results were secured with drylot feeding, and that if these comparisons had been made on alfalfa pasture the results probably would have been different.

A farmer or feeder often has a surplus of corn and is interested in knowing whether it will pay him to feed or sell his corn, and if he feeds it how much he will realize for every bushel fed. In addition he wants to know what combination of feeds will give the greatest return. At the present prices of fat hogs the feeding of corn or corn and alfalfa hay would hardly prove remunerative, especially when we remember that work, interest and risk are still to be considered. The experiments showed that the greatest profit came from feeding a combination of corn, shorts, and tankage.

It is not my purpose to decry the use of alfalfa hay as a feed for hogs but rather to show its

limitations and where it can be successfully used. There can be no question as to its value for brood sows and growing pigs, and when other feeds are not available at reasonable prices it should be fed with corn to fattening hogs in preference to corn alone. In some instances, even at present prices, the feeding of corn or corn and hay may give a profit, but where this is true the addition of the more concentrated feeds will give a greater profit.

It will not be practicable on many farms to feed ground corn and very often the grinding will not prove profitable. The corn can be fed dry where it is more convenient and the shorts and tankage mixed and fed as a slop with practically the same results. Corn is not so plentiful as wheat in many places and the two are selling at practically the same price a hundred weight. Many feeders will find it convenient and profitable to feed wheat in the place of a part of the corn. Experiments have shown that corn and ground wheat have about the same feeding value when fed to fattening hogs. Wheat is not so palatable as corn as it forms a sticky mass in the hog's mouth and stomach.



LITTLE FEED IS WASTED HERE.

hogs fed corn and tankage; and \$6.51 for the hogs fed corn, shorts, and tankage. These figures show conclusively that it will not pay to feed hogs on corn alone even if they have made considerable growth before they are fattened as the feed alone required to produce 100 pounds of gain with these hogs cost more than hogs are bringing on the Kansas City market.

It has often been said that it is not profitable to feed alfalfa hay to fattening hogs but in these experiments corn and hay gave much more satisfactory results than corn alone. The hogs fed corn and alfalfa hay gained 891 pounds more than the hogs fed corn alone. An interesting fact in connection with these two groups is that while the corn and hay fed hogs ate a little less than one ton of hay they ate only 53 bushels more corn than the cornfed hogs. Thus the feeding of one ton of alfalfa hay increased the efficiency of the ration so that there was a saving of 40 bushels of corn in the production of 891 pounds extra gain. These experiments show that the feeding of corn and alfalfa hay always will prove more profitable than feeding corn alone, and when

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PASSING COMMENT—By T. A. McNeal

We Are Tolerably Blind

Most of us are just about as clear visioned as so many bats in the daytime. A bat is generally referred to as an example of blindness although he can see a little even in the daytime. That is the situation with most of us, mentally speaking, and we might as well frankly own up to it—acknowledge the corn, so to speak. We see things after they are pointed out to us but we didn't see them before although they were right in front of our eyes.

For years and years those of us who traveled through the country saw the sweet clover growing by the roadside, but we didn't dream that it had any value. We supposed that it was a weed that had better be exterminated. Now sweet clover seed is selling at \$16 a bushel and people are going crazy about it. Why didn't the ordinary man find out its value long ago? Because, in the language of the Scripture, having eyes we see not and having ears we hear not. We just go blundering along letting opportunities go by, kicking them out of our way in fact, and then when someone who really sees grabs the opportunity and makes a success out of it we kick ourselves and wonder why we were so stupid.

When it was announced a few years ago that the Russian thistle was spreading out in western Kansas, it was regarded as one of the worst calamities that had ever hit that country, and that country wasn't short on calamities either. The fact was when there wasn't some sort of calamity wandering around out there the people commenced to feel lonesome and uneasy.

There was a good deal of talk to the effect that the legislature ought to do something about the Russian thistle. We are long on legislation. A good many people seem to have the impression that everything under the sun can be regulated by legislation.

So it wasn't remarkable at all that an agitation was started in favor of an appropriation to be used in exterminating the Russian thistle. I think several representatives were elected on the Russian thistle issue. With the slogan of "Down with the Russian thistle," they appealed to the horny-handed and perhaps thistle-pricked sovereigns to elect them to the legislature and something would be done to exterminate the noxious invader. It is a wonder that the legislature was not persuaded to make an appropriation and provide for a commission at comfortable salaries to take charge of the work of extermination. I do not understand why the job hunters overlooked that field or if they didn't overlook it, how they failed to work the graft through the law-making bodies.

Well, dry seasons hit the western part of the state and feed got scarce. Then it was noticed that stock would eat the despised thistle and really thrive on it. And in time it came to be recognized as having a feed value. Last week I noticed in a Logan county paper that an enterprising cattle man out there is putting in a mill to grind the Russian thistle into meal similar to the alfalfa meal. The mill has a capacity of 250 tons a day. The man who owns it claims to be able to demonstrate that Russian thistle meal has a feed value very nearly equal to alfalfa.

So I expect that some time in the not distant future our Agricultural college will be issuing bulletins showing the best manner of cultivation of the Russian thistle and proving that instead of being a weed that should be exterminated, it is really a most desirable vegetable and altogether lovely. The Russian thistle raisers will send letters here to the moral and agricultural guide telling how many tons of thistles they have grown an acre and how the thistle should be planted and cultivated and the best variety of thistle seed to buy.

The Reward of Perseverance

For several years, I do not know how many, J. C. Hopper, of Ness county, has been running a serial story in the Ness County News under the head, "Dam the Draws. Plant Trees and Summer Fallow."

At first nobody paid any particular attention to what Hopper was writing. Probably if people read the articles at all they passed them over lightly with the thought that some crank out there had a hobby and as hobbies in Kansas are a perennial and plentiful crop regardless of seasons, another hobby more or less cut little figure.

But Hopper kept plugging away. He also showed his faith by his works and dammed a number of draws himself while his dissatisfied neighbors were putting in their time damming the country in general and themselves for ever having located in it.

By and by the persistence of Hopper commenced

to have its effect. More and more took notice of what he was saying. There is force in reiteration. If a certain advertisement is flouted in front of you day after day and week after week, it finally just naturally impresses itself on your memory.

People began to get interested and to ask if there wasn't something in this idea of damming the draws and planting trees and summer fallowing. And finally Hopper was asked to let his picture and a picture of a big pond he had made by damming a draw be put into a metropolitan paper. His idea is growing. There are thousands and tens of thousands now who believe in the efficacy of a plan to conserve the surface waters that now go to waste, by creating a system of dams all over the semi-arid region from Texas to North Dakota.

And some time that is going to be put into operation. There will be 10,000 artificial lakes big and little scattered over that vast area. There will be hundreds of thousands, yes, millions of water horsepower developed where now if power is developed, it must be with high-priced coal or fuel oil. There will be 10,000 handsome groves where now there is a wide reaching treeless plain. There will be vast quantities of agricultural products raised where now crop failures are the rule and where short sighted mortals claim that the only use the country can ever be put to is grazing a few herds of cattle at the rate of about 30 acres of pasture to one steer. There will be millions of fish raised in the shaded ponds and they will help to solve the meat problem.

Mr. Hopper has another hobby. I do not say this in a critical way. My judgment is that the man who has no hobby of any kind loses an immense amount of enjoyment in this world and furthermore, every advance in science and religion and government has been headed by men with hobbies. This other hobby of Mr. Hopper's is a canal to be constructed from the head waters of the Missouri river to the Gulf of Mexico. It may be said, however, that he is not exactly the pioneer in this canal idea. The late Dave Blaine of Pratt, years before his death preached a canal to be constructed from somewhere up in the Dakotas to the Gulf of Mexico.

A good many people scoff at this canal idea. I received a letter some time ago from one man who at least pretended to know what he was talking about, who insisted that the plan was utterly absurd. He said that in order to dig a canal in which the water would run it would be necessary to dig through a ridge about a mile or two deep.

Now I do not know whether that is true or not and neither do I think the gentleman who wrote the letter knew. The only way to find out whether such a project is feasible or not is to have a survey made by competent engineers. Mr. Hopper may be right. At any rate if congress were to appropriate a hundred thousand dollars or such a matter to pay for the making of such a survey it would not be as foolish as are a great many appropriations made by that body. Personally I am more interested just now in having a survey made which will show the proper location for the dams I have mentioned than I am in the canal, but I am in favor of having the survey made for that, too. If such a canal is practical it would certainly be of tremendous benefit to this western country.

Don't Take Yourself too Seriously

Some time ago a gentleman came into my office who seemed to be considerably depressed, not to say weighted down with woe. He was filled with plans for reform but admitted that nobody paid a great deal of attention to him or his plans and he confided to me that he feared the world was on the road to destruction.

Now the gentleman may be right, but I don't believe it. And even assuming that it is I do not see how I can prevent it and do not propose to spend a great deal of time worrying about it.

While there are many people who do not give any serious thought to anything, which is a mistake and a sin in my judgment, there are on the other hand a good many who take themselves too seriously. It is all right to be a reformer, provided you are not one of the kind that spends all his or her time in trying to reform somebody else and never gives any time in trying to reform him or herself. Everyone ought to have a sincere purpose to do something to make the world better, but keep cheerful about it.

There is one way in which you can make the world better without making any fuss about it and no matter how humble a citizen you may be. You can make the world a little better by always being square and decent and kind and doing your best so that

when you come to die it will be said of you by your neighbors: "He was a good man. He never tried to beat anybody. His word was always good. He tried to do his work as well as he could. He never made any boast about his goodness, but if his neighbor was in distress he helped that neighbor as far as he was able. He was always cheerful even when things seemed to be going somewhat against him. He was always fair to other people. He believed certain things were right and that certain other things were wrong, but never quarreled with or abused his neighbor if he happened to have a different opinion. He wasn't much of a self-advertiser and never became widely known, but no man can say that he ever intentionally did another man a wrong."

Now that quiet and humble citizen probably never considered himself a reformer at all. He wasn't prominently mentioned in any organization supposed to be started for the general uplift but he was a reformer after all. He was by his clean life, by his kindness and tolerance and honesty and industry helping to make the world better.

And if you follow that sort of a life don't spend much time grieving because the things you think ought to be changed are not being changed as fast as you would like. It is a big world comparatively speaking, although a small world no doubt, compared with some others. It is big as compared with you. There are a billion and a half of people living on it, made up of all colors and conditions and beliefs. Most of them are the product of their environments in their habits of life, in their character and belief. They are all, so far as I have known them, a compound of good and evil. Some are nearly all good, a very few perhaps are nearly all bad, but most of them have more of good in them than of bad. As a general rule they will treat you about as you treat them. If you are fair minded and kindly and on the square most of them will be kind and fair and square with you.

Of course there are exceptions. There are those who will take advantage of your kindness, who will not be square with you no matter how square you may be with them, who will return evil for good, but they are the rather rare exceptions. There will be evil and injustice in the world long after you and I have lived our little lives and died and been forgotten, but still I can't believe that the world is growing worse. On the contrary, I believe that it is a better world in which to live than ever before. So I am not worrying because I cannot have my own way about things and because a good many changes that it seems to me ought to be made are not made and maybe never will be. Possibly it is better that I don't have my way. I might discover that I have been mistaken.

Selfishness and Standing Armies

The other day the lower house of congress, that is the fragment of it that is staying in Washington at present, took up the question of building battleships. Representative Hensley, of Missouri, offered the following resolution:

"Resolved, That in the opinion of the house of representatives the declaration of the lord of the admiralty of Great Britain, the Right Hon. Winston Churchill, that the government of the United Kingdom is willing and ready to co-operate with other governments to secure for one year a suspension of naval construction programs offers the means of immediately lessening the enormous burdens of the people and avoiding the waste of investment in war material.

"Resolved, That a copy of this resolution be furnished the president, with the request that, so far as he can do so, having due regard for the interests of the United States, he use his influence to consummate the agreement suggested by the Right Hon. Winston Churchill."

The resolution was discussed at some length and all those who spoke, whether Republicans or Democrats, were favorable to it.

The proposition made by Lord Churchill is so sensible that it is hard to see how there could be any argument against it. The only argument advanced by the most extreme advocate of a big navy is that we must build battleships and have as powerful a navy as any other nation in order to be prepared to resist an attack from any other nation.

But even admitting that this argument is sound, which I do not, it is evident that if all of the great nations would quit building battleships none of them would be prepared to attack any other nation and therefore all of them would be just as safe as they are with great war navies; safer in fact, because if no nation was prepared to go to war all the other nations would know that there was no possibility that some nation might send its warships when an-

other nation was not expecting it and do a lot of damage before the nation attacked could gather its scattered warships together.

The way to stop the vast expense of keeping up the great standing armies and navies that is driving the nations of Europe to bankruptcy and which absorbs about one quarter of all the enormous revenue collected by the government of the United States, is so plain and apparently so easy to adopt that the question naturally arises, Why isn't it adopted? Why do the various governments pay out more than 2 billion dollars every year for guns and other equipment and maintenance of armies and the building and equipment of more and bigger battleships, when by a common agreement at least 90 per cent of that expense might be eliminated?

There is only one answer to that question. The people who are making money out of building ships, making guns and furnishing other equipment for war purposes, do not propose to have their business destroyed. It is purely a selfish proposition on their part. The greatest fortune in Germany has been made out of the manufacture of guns. The building of warships, the furnishing of armor plate, the manufacture of arms have all been immensely profitable to a number of people.

Then there are the officers of the army and navy who do not want to give up their jobs. A great many of these officers do not save any money out of their salaries, but they consider themselves a superior and privileged class, and then their jobs are secure. They do not want armies and navies to go out of fashion because it would compel them to readjust their whole scheme of life and to take their chances in business with their fellow men.

So whenever the legislative bodies of the leading nations are in session, war talk will begin to be spread abroad. Reports in this country for example, will begin to be circulated systematically that Japan is making arrangements to vastly increase her navy and that the Japs are wildly belligerent toward the United States.

The people read the reports and many of them are persuaded to believe that unless we immediately increase the size of our navy Japan will take advantage of our unprepared condition to send a fleet of warships to our western coast.

The fact is that Japan is practically bankrupt. Her people are taxed to the very limit of their ability to pay. The masses are steeped in poverty. Japan is in no condition to finance a war against the United States, even if the men in charge of the government over there wanted to do so, but that fact is carefully concealed.

On the contrary it has even been stated that the war chest of the mikado is overflowing and that Japan is hankering for a war in order to get rid of a troublesome surplus. The Japanese war scare is varied at times and the talk is that Germany is getting ready to invade the western hemisphere. And the talk is effective. Congressmen who talk peace when the appropriation bill is not being considered quit talking and vote for new battleships. If reports are to be credited even the calm and unemotional president has been persuaded that we should maintain a strong navy and next year begin the building of three new battleships.

One is inclined to become exasperated when he thinks of the stupid folly of statesmen. When there are so many useful things that need to be done to make living conditions better and the people generally more happy and comfortable, we continue to waste annually hundreds of millions on battleships and armaments that could as well be done without. If 200 million dollars of the 250 million that are annually squandered in preparation for war were sensibly expended on improving our rivers; in developing our water powers; in conserving the waters that now go to waste and using them for irrigating purposes; in draining the swamp lands; in building highways, what a tremendous benefit could be conferred on the people! Idle labor would all be employed. The resources of the country would be developed and a prosperity such as we have never known before would spread all over this nation.

Why isn't it done? Because certain interests are making money out of the business of preparing for war; because other men want to keep their places as officers in the military establishment. They manage to work the politicians. I have thought that if the people could get direct action it would be different. I believe it would be, and yet a vast number of the masses can be dazzled by military display. Possibly the majority would have no more sense than the congressmen but I think they would.

And now when you are ready to boil over with indignation at the utterly selfish interests that would impoverish the nations and risk plunging them into war in order to make money for themselves, stop and ask yourself if you are really any more unselfish. Would you be willing to sacrifice your private interests for the public good? Maybe so, but I will say that if you are as unselfish and altruistic as that you are the exception. It is easy to condemn selfishness in others. It is hard to eliminate it from ourselves.

But here is a case where it seems to me the selfishness if you please, of the ordinary man ought to work for the common good. What per cent of the people of this or any other country are financially interested in the building of battleships or the making of guns either great or small? Even counting those who get laborers' wages out of the making of military equipment or the building of battleships and

adding to that number the army and navy officers who have a selfish interest in the continuation of their jobs, and the per cent of the whole people is so small as to be hardly worth mentioning.

One per cent of the total population of the United States would a good deal more than cover the whole number of people who are directly benefited by the present military and naval system. The other 99 per cent are interested on the wrong side of the ledger. They pay the expense by direct and indirect taxes. Why do they with patient, ox-like stupidity continue to tax themselves to put money into the pockets of a few? Why do they not demand that at least 200 million dollars out of the whole sum spent annually on the army and navy be expended on useful internal improvements?

But have you as an individual taken any interest in this matter? Have you helped in any way to bring a pressure to bear on your member of congress to make him fight for disarmament? Any member of congress will respond to public sentiment when it is made clear to him what public sentiment is. If there should be an exception to this rule it is never more than two years until that congressman could be retired to private life and another put in his place who will respond to public sentiment.

The trouble with the average citizen is that he hardly ever troubles himself about public affairs. He may vote, but he votes as a partisan rather than as an intelligent citizen of this republic. And when he has voted he goes back to his personal business and pays no more attention to public matters until the next campaign. With the narrow vision of the mole he does not see that in confining himself exclusively to the narrow tunnel he is trying to bore he is sacrificing his greater interest, the public welfare, which in the last analysis is his personal welfare after all.

A Dark Age Policy

It is reported that the managers of the Oklahoma City public library have issued an order forbidding buying or receiving any Socialistic books into the library. A few centuries ago bigoted leaders of the Catholic church of that day thought they could stop the spread of heresy by burning all books written and printed by heretics, incidentally of course, burning a heretic every once in awhile. But somehow or other the more heretics and heretical books they burned the more the heresy spread.

If that was true in that superstitious and church-ruled age, how much more futile it will be in this age of enlightened tolerance to try to stop the promulgation of a political doctrine by forbidding its literature to be placed in a public library.

Socialism has a right to rise or fall on its own merits. If it will not stand investigation then it will fall but it will not be put out of business by narrow-minded intolerance and bigotry.

An Open Letter to Helvering

M. V. Rork, of Manhattan, issues the following open letter to Congressman Guy T. Helvering, of the Fifth congressional district:

Hon. Guy T. Helvering, M. C.
Dear Sir:

By coining legal tender stamps and giving them all to the owners of gold bullion, congress forced the United States, the states, the counties, the cities, the districts and all other legal divisions to go without money or to borrow these stamps and bond themselves to pay billions of taxes to pay billions of interest on the stamps which congress made and gave away for private good, instead of using them for the public good.

By the same transaction, it forced individuals to do without legal tender or to borrow the stamps given to the bullionists, and mortgage their property or give their notes to insure the payment of interest at any rate these absolute dictators might demand.

If a manufacturer should sell a hat that cost him \$1 for the same price, and pay the taxes on the hat himself, he would go broke at once. To be successful he must sell the hat for a sum equal to the first cost, plus the tax, the rent, the interest and the profit he wishes to make. That is, to the labor cost of his goods, the manufacturer must add the interest on the government, the state, the county, the city, the school, the railroad, the street car, the water, the ice, the bridge, the electric, the paving and the good roads bonds, and the interest on his mortgages and his notes, his stocks, his rent, his family expenses, his tariff and his profits and sell the whole to the wholesaler who must add a like bunch and sell to the jobber who must repeat and sell to the retailer who must repeat and charge the enormous whole to whomever buys his goods whether resident or non-resident, millionaire or beggar—thereby indirectly collecting 100 times more taxes than are directly collected by all the tax collectors in the country, whether Stubbs or Hodges.

Now, Mr. Helvering, you come to us under the auspices of the Agricultural college at its semi-centennial celebration, asking that the government shall allow farmers to get money on their mortgages and their notes at 3 1/2 per cent; but you offer them not a cent of relief from the billions of tax they are compelled to pay on the five or 50 kinds of bonds issued for the sole purpose of paying bankers interest on what the bankers owe the farmers.

Jones Brothers pay \$500,000 for a bond of some

Success in agriculture must be measured not by the magnitude of the crops grown, but by the quality of the men and women developed on the farm.

—ARTHUR CAPPER.

kind which they deposit with the government. The people pay them good interest on the bond and the government gives them \$500,000 of bank bills which read: "Jones Bros. bank will pay the bearer so many dollars as are named in the bill, on demand." These bank bills are not legal tender and cost the Jones brothers nothing but the cost of printing. They are nothing but a debt owed by the Jones brothers, as all promises to pay are debt; but they have lent the stuff nine times or 4 1/2 million dollars at 7 per cent. That is, the Jones brothers owe a debt that cost them nothing except the cost of printing the bills, which as a money getter is worth 10 times more than any farm property in the country—and, for fear of these bank debts, no graduate of the Agricultural college dares to buy a farm and risk paying for it through his own efforts. To such straits have we come.

The laborer, who must surrender one-half of his labor to his employer, and, as we have seen, must also pay his full share of the five or 50 rates of the tax collected by the stores, is the man mainly depended on to buy the farmer's "two blades of grass." Practically he is the farmer's market. But so far from offering that laborer a day's work or a dollar of money, you come here proposing to force him to pay a full share of a new 3 1/2 per cent bond confessedly issued to accommodate the farmer who produces 9 billion dollars of what the laborer must have, while the laborer produces 18 billion dollars of what the farmer must have. This inexcusable offense to labor smells to heaven.

If the picture of the owners of all the wealth paying interest on a banker's debt is the best exhibit you, your reform president in whose place you spoke, your Democratic congress and your 50 year old college—can make at a time like this, we warn you that the Fifth congressional district will confront you with a candidate on a platform that will not only give men money on unincumbered land, insured property and insured lives, at 2 per cent, but will knock every cent of interest off of every one of those five or 50 kinds of bonds issued solely to enrich bankers who are now afraid legal tender will become so plentiful that the bankers can no longer live on the interest of what they owe. Here is the platform—we will name the candidate later:

THE GOVERNMENT MONEY PARTY PLATFORM.
To abolish every law by which the government gives any man control of anything which all men must have, and to put an end to taxing one man to enrich another man, the government shall coin legal tender and use it

(2) To pay off its debts and cash its current expenses, including the construction of roads and canals which it shall operate at cost; and

(2) To let states, counties and cities have it on their bonds for public improvements without interest, just as it lets banks have bank bills, and to let individuals have it on lands, insured property and insured lives, at 2 per cent, just as it lets banks have money out of the United States treasury; and

(3) To help those who have been separated from the land and forced to starve or steal or beg or work and be robbed and all who wish to join them in the effort, to drain, lease and fit up co-operative lands with homes, shops and schools as in the canal zone where these people can live without being legally robbed by enforced idleness, wages, interest, rent, tax, tariff and profit—just as capitalists always have lived.

Manhattan, Kan.

M. V. RORK.

Truthful James

"I have seen some pretty mean men in my time," said Truthful, "but I think Si Singleton was among the worst. Si was a money maker all right but he was tremendous penurious and exactin'. That was the reason he got rich. He never let a cent get away from him and always insisted on getting everything that was coming to him and some more. He owned a big stone quarry and used to hire a lot of men and always insisted on getting them at the lowest wages and worked 'em harder than any other man in that country.

"One day one of his hands, Link Poppleton, was puttin' in a blast and got careless when he was a tamin' it in and exploded it. He was right over the blast when it went off and he went right up with it. I stood there and saw him go. It was about the first time Link ever got a raise and I must say I never saw a man go up more graceful than he did.

"In a minute he was up so high that he looked like a boy of about 5 or 6. Then in a few seconds he looked about the size of a rat. Then he went plumb out of sight. I don't know how far he went up, fur he disappeared fur a good while and when he came down, while it was a hot day in August, his hair and clothes was covered with snow.

"Well, as I was sayin', he was out of sight for quite a spell and then I see him comin' down again. First I could just see him a mere speck in the sky. Then he got down where he looked as big as a 10-year-old boy and in about four or five seconds after that he lit right in the place he started from. He picked up his drill right away and commenced drillin' another hole and Si pulled out his watch and said: 'Link, you was gone accordin' to my watch just seven minutes. I will have to dock your wages for that time.' He figured that the wages for the time lost amounted to 3 cents and when he come to settle with Link Saturday night he kept that amount out of his pay.

"Si was worth a lot of money but nobody would ever guess it to see him. When he was in town at noon he was too stingy to buy a dinner so he would go into a grocery store and smell of a chunk of bologna and then go out and fill up on water from the town pump. He wore a chip hat that cost him 10 cents and would manage to make that do him two summers.

"One day in August the wind blew off the hat that he had been wearing the summer before and that summer and commenced to roll it across the prairie. Si run four miles to catch that hat in order to save it so that he wouldn't have to buy another. When he caught up with it it had worn down from rolling over the ground until there was only a piece of the crown left about the size of a saucer, but he tied that on with a twine string and wore it the rest of the summer."

African Kafir the Winner

The Imported Seed Outyielded Home Grown Variety in Osage

BY F. B. NICHOLS
Field Editor.

Kafir seed from South Africa outyielded home grown seed, this year, in Osage county. In some instances the Kansas seed did not mature. This was proved last Saturday in the kafir show at Osage City. The seed was imported from the original home of kafir by Silven & Son, merchants of Osage City—20 bushels of it—and it was distributed in small lots to 126 farmers. The kafir show was the result.

Considerable interest was taken by the farmers in the Osage City community in the kafir show, and the attendance was good. H. L. Dawson won the first place, with a prize of \$10, for the 10 best heads, and T. G. Elder was awarded second place on his entry. Asher Adams was judge. The heads in the sample that took first place were of medium length, and were heavy and compact. The main stem had many joints, and the seed stems were well set with seed.

"The kafir I grew from the imported seed made more than 30 bushels an acre," said Mr. Dawson, "which was a much higher yield than that produced by home grown seed. The yields were reduced some by the blackbirds, which did a great deal of damage to kafir this year in this section. One of the great advantages of this new kafir is that it matures more quickly than the ordinary kafir grown here."

The new kafir seed is of the white variety. It has been grown under the hot, dry conditions of the plains of South Africa until the drouth-resisting and early maturing characteristics are developed to an amazing degree. It resisted drouth much better this summer than the seed which had been grown in this country, and it developed much quicker; the average being from 85 to 95 days for the new seed. Ordinary blackhulled kafir usually requires from 118 to 130 days and sometimes longer. The new seed is not in any sense a new variety or anything of the sort—it is merely a fresh lot of seed from the original home of the crop. Anyone can import seed from South Africa that should be as good as the seed imported by Silven & Son. The new seed, too, has several different types of heads; they are not at all uniform.

"It will take several years of selection to get heads all of one type," said Albert Robert, who grew some of the new crop. "For that matter, however, the mixture is no worse than the average in the kafir fields here; there usually are a large number of types, with some cane and broom corn thrown in for good measure. I have some blackhulled kafir that is absolutely true to type, for I have been selecting the heads by hand for five years, and all the undesirable types have been dropped. Such selection pays well."

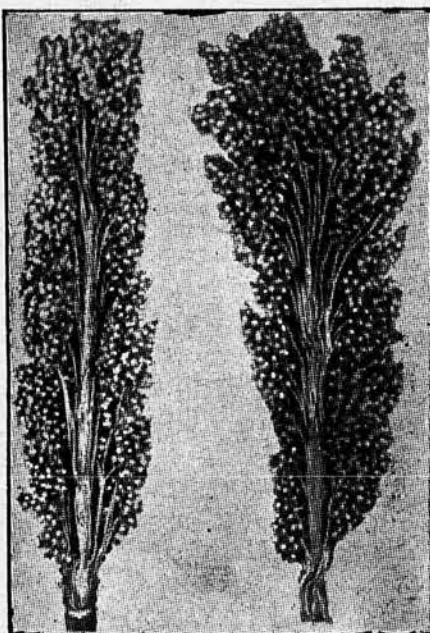
"I believe that one of the most important things about this new seed is its quick maturity. This is very important, for there has been a great deal of loss in the last few years in this section from frost damage to kafir. I believe it is safe to plant the imported seed as late as July 1, and yet have it reach maturity in an ordinary year. You can't do this here with common kafir."

Smut did considerable damage to the kafir from the new seed, more than to the home grown seed. It is quite evident that the seed should be treated for smut before it is planted. Most of the farmers in the Osage City community have not been giving this smut treatment, but there is an increasing interest in it, and it is probable that most of the seed will be treated next year. This treatment is very simple. It consists merely in heating the seed in water for 15 minutes at a temperature of from 132 to 134 degrees F., which kills the smut spores. It is very important that one should have that high a temperature, but it must not be allowed to go higher, or the germination of the kafir will be lowered.

There is not a great deal of interest in feterita around Osage City. Farmers believe that the new seed or well bred kafir from common seed will out-yield feterita in an average year. In this

view they are in line with the representatives of the United States Department of Agriculture and the department of agronomy of the Kansas Agricultural college. There is nothing to indicate that feterita is a better crop than kafir for eastern Kansas in an average year; in fact it is probable that it will not show up so well.

Feterita resists drouth to a considerable extent and for this reason it has an important place in the western third of Kansas. For this reason, also, it gave remarkably good results in eastern Kansas this year, and in some communities, judging from the talk of the growers, most of the country will be planted to



DESIRABLE AND UNDESIRABLE KAFIR HEADS.

A kafir head should be large and heavy, with many joints in the main stem.

the crop next year. That is foolish, of course. Farmers in eastern Kansas would do well to go slow about putting out much of an acreage of feterita next year. One would better wait a year or two, and let the other man pay the long prices feterita seed is commanding this year. It doesn't pay to get excited over any crop, for that matter.

Osage City farmers, at least, will not indulge in a large feterita acreage until more proof has been gathered that it will pay better than kafir. And, meanwhile, one of the important things that will result from the interest in the new seed is better cultivation. It is natural for a man to take good care of a crop from seed that is better than the ordinary. In speaking of this, J. W. Walker, an Osage City farmer who grew some of the imported kafir, said:

"We have handled kafir in the past here just as it has been grown all over eastern Kansas, which is too much on the hit or miss principle. We usually just scratched it in and cultivated it when we were not working in the corn and then we harvested what we got and were thankful. It will pay to prepare the seedbed for kafir just as well as for corn, and to cultivate the crop enough to keep down the weeds and to put the soil in good physical condition."

There are two important things one can do at this time to help next year's kafir crop; the seed heads can be selected and the seedbed can be plowed. The desirable characteristics of a kafir head were given on the cover of the Farmers Mail and Breeze for October 18. The only way to keep kafir seed pure, so it will give a good yield of uniform heads is by hand selection. Bin selection with a shovel will not do this. It is just as bad as to plant ordinary shelled corn, such as one would buy on the market.

All kafirs cross readily with other sorghums, and no heads should be selected for seed that have grown in 15 rods of another sorghum field. This fact has not been well understood in Kansas, and it is a cause of part of the strange and wonderful mixtures which one can frequently find in a kafir field. One of the best ways to cure kafir heads

is to string them along on a wire, and hang them up in any dry room. It is important that the seed should be tested for its germination before it is planted in the spring. To do this, place the seed between cloth or blotting paper placed between plates, and keep it moist. Set the seed in a warm room for five or six days and then examine it. Well selected and properly stored seed will show a high germination, frequently as high as 98 to 100 per cent.

Kafir will do best on fall plowed land. Most of the growers in the Osage City section know this, and much of the ground that will be planted to the new seed next spring is being plowed this fall. Fall plowing will conserve moisture and promote the formation of available plant food. It also will put the ground in better physical condition at the time the kafir is planted than can be obtained on the spring plowed soil. These things are very important, for they will give kafir a better start, so it will have a more equal chance with the weeds. Kafir makes a slow start in the spring even under the best conditions, and anything that will help along is desirable.

There is a big loss in Kansas every year from poor threshing of kafir. There frequently are too many concave teeth left in the separator and the cylinder also usually runs too fast. If half of the concave teeth are removed and the speed of the cylinder is reduced to about 800 revolutions a minute, there usually are not a great many of the kernels cracked. Many separator men never get their machines adjusted properly for kafir, and as a result they grind out cracked kernels and kafir flour along with the sound grains.

Kafir flour is one of the main causes for the big losses that frequently take place from the heating of kafir grain. This fine material shuts off air, helps pack the grain and sets up a fermentation. If there is considerable kafir flour in the grain it should be run through a fanning mill, and the fine material will be removed. If this is done the air can get into the grain, and there usually is not much danger of the kafir heating, unless it is stored in a large bin and the moisture content is high.

The best boost kafir has received in Kansas for some time was in the feeding results on calves at the Kansas Agricultural college last winter, where kafir silage gave slightly better results than corn silage. That was not expected by many feeders, but it resulted in an increase in the acreage of the crop. The indications point to an even more decided increase next year.

"We have fed kafir silage, and our results have been just as good as with corn silage," said Mr. Robert, "but even if they were not so good, I should grow (Continued on Page 23.)"

WORKS ALL DAY

And Studies at Night on Grape-Nuts Food.

Some of the world's great men have worked during the day and studied evenings to fit themselves for greater things. But it requires a good constitution generally to do this.

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Saving a Country School

Being the Story of the Teacher Who Brought Light and Cheer.

BY MADEL GRAVES
The Farmers Mail and Breeze.

THERE was nothing much doing in that school district. Most of the farmers were comfortably well-to-do. Good houses, big barns and pure-bred cattle testified to the prosperity of the neighborhood. But nobody cared about education. The school house had been built 40 years before, and nothing in particular had been done to it since. The school grounds were bare of shrub or tree, or anything else that might serve to amuse or interest anybody. The school house door was left unlocked the year round so that tramps might go in and rest; for if they didn't find it open they might burn the whole thing down. And the school room frequently showed signs of their over-night occupancy. Dirty walls, a sagging, smoking stove-pipe, and a blackboard set so high the smaller children could scarcely reach it did not help to make a cheerful place for the children from bright, pleasant homes to spend their days. And as



Mrs. Belle v'D. Harbert, re-elected President of the International Farm Woman's Congress.

might have been expected, as soon as they reached the sixth or seventh grade they began to drop out to help on the farm.

All that was a year ago. It's different now. The story of how they did it was told by the teacher, Mrs. Marie Harvey, of Kirksville, Mo., at the International Congress of Farm Women in Tulsa, Okla. The first thing, she said, was to raise the school house and build a cement basement beneath. The sand was hauled from the river by the patrons of the district and the work was done by them, so the only expense was for Portland cement.

The basement was built high enough to admit three half-windows in each side, giving light and air. There was some extra money on hand, and that was used to buy a furnace. In the basement is a sink, with running water that comes from a tank. The tank is filled by a pump from the school well, and the school boys do the pumping. Tables for a last-day-of-school dinner were spread in the basement, and many other things are carried on there for which there is no room above. The blackboard has been lowered so everyone can reach it. There is a flagpole made from two old telephone poles, and the school has its flag. Another old telephone pole with ropes hung from a revolving ring makes a merry-go-round of the sort small children enjoy. And a volley ball provides fun for everybody.

The school work during the past year has included considerably more than reading, writing and arithmetic. Seed judging, harmony of colors, how to use books, love of good pictures, domestic economy, healthful recreation, growing small fruits and vegetables, co-operation, ambition—these are some of the things Mrs. Harvey is teaching. The smaller children are learning it is fun to raise flowers and strawberries. One of the larger boys has a flock of more than a hundred Indian Runner Ducks. Four boys in the district have decided that they wish to go to the State Agricultural school. The patrons of the district met at the school house one day, and while the children played outdoors their mothers organized a Mothers' club. There's nothing too good for that district now.

Country folks have never had the privileges that city people have when they are ill. But the American Red Cross association, which is famous for the help it has given the ill and injured in time of war, epidemics, or national disaster, has organized a department of rural nursing. Miss Fannie Clement of the Red Cross association, who attended the Woman's Congress, declares it is a great success. The rural nurse lives in the community where she is employed, and her services are for the ill in their homes. Sometimes she can take the place of a doctor. She teaches young mothers how to feed and care for their babies, and she may be helpful to prospective mothers. She visits the children in the school room and inspects eyes and throats, and in this way is often able not only to help the children but to prevent epidemics. By schoolroom talks she teaches the children how to keep well. Today she may tell them what to do for a bad cut; tomorrow it may be about cigarettes, and the next day she may give a tooth-brush drill or a nose-blowing exercise. She helps to organize classes seeking instruction in home care of the ailing, and other things that everyone wishes to know. Towns are finding the visiting nurse so valuable that in New York City there are 300 Red Cross nurses on a salary, paid by the school board to spend all their time visiting the schools.

Good Teeth Are Important.

Some remarkable facts in regard to the need of caring for the teeth were given at the congress by Dr. C. C. Allen, dean of the Kansas Dental college. Not many of us realize that poor teeth, even decaying "baby teeth," affect the children's health. Yet they affect their ability to study, and even their disposition. According to Dr. Allen tests have been made of large numbers of school children, and without any exception those whose teeth were watched carefully for several months made a wonderful improvement in their school studies. The moral is obvious. Never mind if the children aren't actually crying with the toothache. Take them to the dentist at least once every six months to see that their teeth are all right. It will be money well spent. And then see that they are taught how to take care of their teeth.

Another new thing for farm people is the Young Women's Christian association, which has organized a department especially for girls on the farm. Heretofore the advantages of this young women's organization have been entirely for girls in college and city, although no one has felt the need of it more than the girls in the country. Those who have been wishing for something of this kind should write to Miss Jessie Field, National Field Secretary Y. W. C. A., New York City.

How to Help Farm Women.

Two representatives of the United States Department of Agriculture attended the congress, Miss Caroline Hunt, who is the author of several bulletins on cooking, and Miss Marie Willoughby. Secretary Houston is eager to make the department of the greatest use to women. Several weeks ago he sent out a circular letter asking what the women of the farm wanted the department to do for them, what subjects they wish discussed in the bulletins which have not been discussed, how the department can be more useful to farm women. He wishes to hear from every woman who has an opinion to express, but the letters must reach him soon. Every reader of the Mail and Breeze who wishes to make a suggestion on this subject is asked to write to Secretary Houston before November 25.

The next session of the International Congress of Farm Women, in October, 1914, is to be in Wichita, Kan., and every Kansas woman who can possibly arrange to do so should be there. Undoubtedly it will be held in California in 1915 because of the Panama exposition. It was in Canada last year.

Mrs. Belle v'D Harbert of Manzanola, Colo., was re-elected president and Mrs.

Eleanor J. Burns, secretary. Mrs. Burns will go to Wichita within a few weeks to make her headquarters for the coming year, and all who are interested can write her there.

A National Welfare League

The National Welfare league, which has for its object the conservation of the human family, was organized recently with the following national officers:

President, J. K. Coddington, Leavenworth.

Vice president, Arthur Capper, Topeka.

Secretary, J. M. Dunlavy, Kansas City, Kan.

Treasurer, C. B. Hewlett, Kansas City, Kan.

Executive committee: Judge Ben B. Lindsey, Denver; Judge J. S. Frost, Denver; William Volker, Kansas City, Mo.; Mrs. W. A. Johnston, Topeka; Mrs. Cora Wellhouse Bullard, Tonganoxie.

National superintendent, Theodore Hanson, Topeka.

The Welfare league has for its object the conservation of the human family, the improvement of the conditions that surround young and growing life, the giving of opportunity to those who are now denied it, the stamping out of the rapidly growing social evil, instruction and education in hygienic living. In short, its object is to give the same thought and care to the human race that the state of Kansas is giving to animal industry.

Somebody Will Be Hungry

It is an absolute necessity that the farms shall begin to rapidly increase their product or somebody is going to be hungry 20 years from now. In the last 20 years population increased a half, and the supply of cattle stood still. If population increases 50 per cent in the next 20 years it will mean an addition of 45 million people to the number now to be fed. It will mean that instead of every individual having a pound of meat a day like 20 years ago, only one in four will have that much, provided all the cattle were killed in a single year.



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yield immediately to Sloan's Liniment. It relieves aching and swollen parts instantly. Reduces inflammation and quietest agonizing pain. Don't rub—it penetrates.

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"A little boy next door had croup. I gave the mother Sloan's Liniment to try. She gave him three drops on sugar before going to bed, and he got up without the croup in the morning."—Mr. W. H. Strange, 3721 Elmwood Ave., Chicago, Ill.

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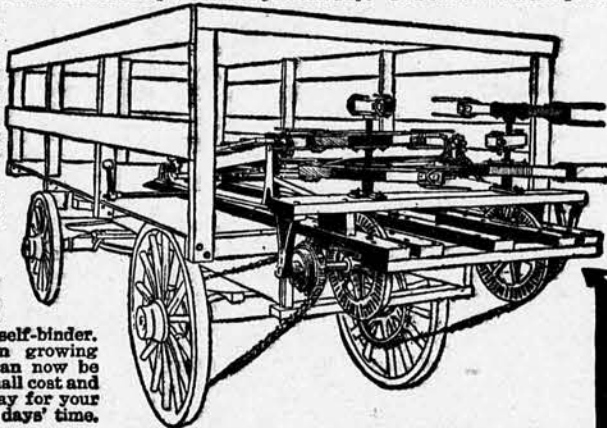
You can't afford to go on from year to year letting your land run down, raising smaller crops—or to **lose your crops by soil blowing**. You can't afford to burn straw stacks. Agricultural experts have proved beyond any question of doubt that straw contains fertilizer value worth \$2.50 a ton, besides furnishing humus to the soil that **prevents soil blowing and insures crops** in dry season by **retaining moisture** and protecting the young crop. Straw spreading solves the wheat growing problem. The

"Simplex" Straw Spreader

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If you have straw on your farm I have a proposition you ought to know about. In order to thoroughly introduce the "Simplex" Spreader in the Dakotas and Minnesota this season, I will send a spreader on 30 days' free trial to ten men in every county—no money down—no note—no deposit or check—just common honesty among men. I take all the risk and **all that risk is that you give the spreader a fair trial**. Write me today so that I can send you a full description of the "Simplex" Spreader, how it works, how it is made, how to use it, and my offer to use it 30 days absolutely free. If you don't find it satisfactory in every way and the most valuable

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A New Farm Store's Business

Coffey County's Trial of Co-operation

BY HARLEY HATCH

THE co-operative store in Burlington began business July 12 and up to October 1 its total sales had been \$5,558. The net profit for the two and a half months was \$288. When the business was started all that was handled was groceries, flour and some feed. Since then a line of dry goods has been added and it is now the intention to handle everything that may be called for. The purpose is to supply the members not only with general merchandise but with lumber, grain, coal, salt—in short, with everything used on the average farm.

It is not to be expected that a store doing a \$5,000 grocery business in a little more than two months—and two of the hottest months of summer at that—would not cut in on the business of existing stores. But if there is anything considered settled it is that a man has a right to buy where he can buy cheapest. Farmers should have that right; the merchant always has had it. If the merchant wants to buy potatoes, apples and cabbage away from home it always has been his privilege to.

Many of the farmers hereabout have been laying in their stocks of corn to get the hauling out of the way before winter sets in. Those who buy in small lots have to pay about 80 cents a bushel but those who can handle a carlot get it for about 76. A number have combined and have taken a carload, each taking what he wished. This is true co-operation. The middleman is entitled to just as little as possible out of a deal like this.

The early cold weather causes many to think we are to have a cold winter. Usually a severe winter is cold from start to finish but we have seen many seasons when a real cold snap in the fall, like the recent one, was followed by two months of fine weather. As a general thing a dry summer is succeeded by an open winter. The winter of 1911 was an exception. Following the dry summers and crop failures of 1894 and 1901 we had mild open winters and we are hoping for the same thing this time. If the proverb is true that "The Lord tempers the wind to the shorn lamb", now is the time for a little tempering.

There is still a lot of kafir to cut in this locality. The stormy weather has kept many men from the fields and they are now beginning to get anxious to see the fodder in the shock. We saw some cut yesterday, October 31, and it looked just as good as that cut the week before. But the sooner it is cut now the better. A number of farmers here, still are intending to refill their silos with this kafir; one neighbor is working at it today. There still is plenty of sap in the stalk to make good silage and we think it will be wet enough without using water. Kafir packs much better than corn in the silo.

The great drawback to deep well drilling in this part of the state is that at a depth ranging from 100 to 150 feet, salt water nearly always is struck. In times past when this salt water was reached, drilling stopped, for it was always supposed it was of no use to go farther as it was thought the water would be salt all the way down. But of late there have been many gas wells drilled in this section and the manager of the gas company says that plenty of good fresh water is struck at a depth of from 190 to 240 feet and that it rises in the hole almost to the top of the ground. This is the water that we must go after if we are to have a supply that will last through such summers as the last one.

Different drillers charge varying prices according to size of hole and whether or not board and fuel are furnished. One driller we know charges 75 cents a foot and you board him, while another charges 90 cents and furnishes everything. At the last figure it would cost something like \$200 to drill to the average depth water is found by

the gas company and then there would be more or less to pay for casing out the salt water. A well at this price would be cheap for any farm; it would not only return interest five times over on the amount expended but it would add at least \$500 in value to any farm that is now not furnished with an abundant water supply. On second thought, we think in making the amount \$500, we have set it too low. It would not be too much to say that there would be \$1,000 difference in value between a farm with a never-failing water supply and one which has no water in a dry time.

A reader at Hartford, Kan., rather takes us to task for saying the chinch bugs were dead. We suspect that our friend read our "piece" in a hurry. If he will look again he will see we said we hoped they were dead and that we had seen no live ones lately. This also was the observation of many of the farmers living in this locality. This man says that he has seen chinch bugs flying every warm day this fall. We have not seen any in this locality. Our friend also says the bugs are to be found by the million in the native grass, in pastures and meadows. We are sorry to hear this. We had hoped the drouth had at least checked the pest but it seems the bugs are still plentiful in our friend's neighborhood which is not many miles from this farm.

When we came to Kansas in 1896 chinch bugs were fairly numerous. We paid a good deal of attention to them then as they were something new to us; we did not have many in northern Nebraska. The bugs continued fairly plentiful through all the seasons until 1902. They were numerous during the early part of the season of 1901 but not so much was seen of them later in the summer. That summer, the heat seemed to get the best of them. The spring of 1902 opened wet and from then until 1905 there was no let up in the wet weather. We saw no bugs during the spring of 1902 and from that time until the spring of 1910 we do not think a cent's worth of damage was done by them in this part of Kansas. During the spring of 1910 they flew in by the million from the south, presumably coming from Oklahoma, for they had been plentiful there during the summer of 1909, and before our oats had headed out they were literally alive with bugs. A wet spell just at this time saved our small grain but since then we have had chinch bugs with us in plenty.

So, given no bugs at all to start with in the spring of 1910, we found by June 15 that the fields were literally alive with them. Probably our greatest hope of freedom from chinch bugs lies in the reports of farmers in Oklahoma who say the bugs there seem to be dead. We hope they are right. But after all the greatest foe of the chinch bug is a wet season. A few heavy rains at the right time will do more for us than anything else. We would like to hear from farmers in other localities as to what they have observed this fall. Did the drouth and heat really kill any or all of the bugs? Are they present now in any number? Let us hear from you in the Mail and Breeze.

Feeding Offerings

Mr. Editor—I should like to buy now, direct from the grainer, 15 bushels of alfalfa seed, at market price.
Colony, Kan. E. C. MEISSNER.

Corn Silage to Sell

Mr. Editor—I have a silo 14 feet in diameter and 40 feet deep filled with corn. Want to sell to person who is willing to feed on place. Can haul grain from city if anyone wishes to feed. Have plenty of water, and barn for shelter. Six miles from Wichita stock yards.
JOS. HANSCHILD.

R. 3, Wichita, Kan.

1912 Seed Corn

Mr. Editor—I have some good seed corn for sale. This corn was raised in Rooks and Graham county in 1912 and is fine, hand picked seed. I will sell for \$2 a bushel.
G. J. DOWNEY.

R. 1, Palco, Kan.

You can't tell how much rabbit there is in a man's disposition by looking at his ears.

Keep the Poultry Healthy

Take Every Affected Fowl From the Yard Promptly, Says a
Warning From the Department of Agriculture

THE affections of fowls that give the poultry raiser most concern, especially during the fall and winter, are those showing catarrhal manifestations in the head. Two kinds of catarrh may be recognized—the simple form, or common cold, and the contagious form, also known as roup. This is distinguished from another disease sometimes called roup, but more properly designated diphtheria because of its characteristic membranous exudate in the mouth.

Simple catarrh is a common disease of the air passages and is associated with improper housing that permits a damp atmosphere and undue exposure to drafts during cold, wet weather. Weak stock or poorly nourished birds are more likely to be affected by these conditions than strong, vigorous, well-fed individuals. The affected fowls are more or less dull, their appetites are diminished, breathing becomes difficult, and a thin watery discharge that later becomes viscid escapes from the nostrils or mouth.

It is usually only necessary to remove the cause of the condition to bring about recovery. In severe cases the mouth and nostrils should be washed out once or twice daily with 3 per cent boracic acid or 1 per cent creolin solution.

Contagious catarrh or roup is an infectious disease of great economic importance because of its wide distribution and the usual severity of its attack. Briefly stated, its symptoms are a sudden and severe cold, with increased temperature of the head, generally diarrhea and extreme debility. In very acute cases death may ensue within a few days after the bird is observed to be sick. Usually the bad cases linger for a week or more and show progressively increasing symptoms. The secretions, instead of remaining fluid as in simple catarrh, become thick, purulent, or cheesy, and may obstruct the nasal passages, causing the mouth to be kept open to facilitate breathing.

The inflammation may extend to the eye, and the resulting secretion accumulates, obstructing vision and occasionally forcing the eyeball from its socket. The fowl becomes emaciated, sleepy and unconscious, strength is soon exhausted and death follows. Milder cases may assume a more chronic form, symptoms being apparent up to six weeks or longer, when recovery may follow; or fowls may be more or less sick for several years, acute attacks developing when the vitality is lowered as a result of cold and dampness or other unfavorable conditions. It is these chronic cases that serve as carriers of infection and furnish the source of new outbreaks.

Roup spreads rapidly through a flock, affecting a large percentage of the birds and causing the death of a variable proportion according to the virulence of the contagion. Young birds are especially susceptible, the mortality reaching 95 per cent at times; adult birds frequently recover.

Medical treatment may be undertaken with good chances of success. One of the best methods is to plunge the fowl's head into a vessel containing a 2 per cent solution of permanganate of potash and hold it there for half a minute. By this method the lining membrane of the nostrils and mouth is thoroughly bathed by the solution. Previous to this treatment any secretions which have dried over the nasal openings should be removed. Affected eyes will respond rapidly to argyrol in 15 per cent solution. One or two drops should be placed in each eye twice daily. At the beginning of an outbreak the entire flock should be given Epsom salts in the proportion of one-third teaspoonful to each adult bird. A convenient way of administration is to dissolve the salt in water and use the solution in mixing a mash.

As the treatment of a large number of fowls takes time and is relatively expensive for ordinary stock, it is apparent that the best method of combating roup is prevention. This can usually be accomplished by observing proper sanitary precautions.

To successfully guard against roup the poultryman or farmer must appreciate the fact that roup is an infectious disease resulting from the localization

in the head of certain specific germs or micro-organisms which by their rapid increase in number and toxic action on the system produce the abnormal symptoms already mentioned. These germs may be spread by various agencies. They may be brought to uninfected yards on the shoes or clothing of persons who have been among infected fowls, or on implements and incubators previously exposed; or they may be introduced by free-flying birds. However, by far the most direct and usual method of introduction is through the acquisition of infected fowls, or the exposure of healthy fowls to infected birds or cages at poultry shows.

It should be the practice of the poultry raiser when buying new stock to ascertain as far as possible whether the birds have been exposed to an infectious disease of any sort, and to further protect his flock by isolating the new birds for a period of two to three weeks and closely observing them. Birds exhibited at shows should also be quarantined for a similar period before being returned to the flock. Precautions should be taken to close as far as possible the other avenues of infection.

When the disease has secured entrance into a flock, thorough measures of eradication may prevent its spread. All sick fowls should be isolated immediately, and treated if desired. Frequently it is a better policy to destroy those first affected, because of the danger of the infection being carried on the hands or clothing of the attendant to unexposed fowls in other pens. When birds are treated the operator should carefully disinfect his hands before feeding or handling other birds. The houses and runs should now be cleaned thoroughly, all litter and droppings being removed, and should be disinfected with carbolic acid in 5 per cent solution, or cresol in 3 per cent solution. All birds that die must be burned or deeply buried. To prevent the passage of organisms from infected fowls to healthy ones by means of the drinking water the water should be medicated with permanganate of potash in sufficient amount to give the solution a deep red color.

In badly infected flocks where roup reappears from time to time owing to the presence of chronic cases, it is advisable to dispose of the entire lot of fowls, disinfect the houses thoroughly, provide new runs if possible, and start again with fresh fowls from healthy stock, or with incubator chickens.

The average weight of a hen's egg runs from fifteen to twenty-four ounces a dozen. A weight of twenty-two and one-half ounces may be taken as a fair average for good-sized eggs, although a weight of four ounces is not unknown for single specimens.

Reliable Poultry Breeders

FARMERS MAIL AND BREEZE POULTRY RATE.

The rate for advertising under the "Reliable Poultry Breeders" column is 5c per word each time for 1, 2 or 3 insertions and 4c per word each time for four or more insertions.

WYANDOTTES.

WHITE WYANDOTTES. Cockerels \$1 each. Mrs. M. F. Austin, Miltonvale, Kan.

SILVER LACED WYANDOTTES, both sexes, \$1 each. Mrs. Emma Downs, Lyndon, Kan.

CHOICE BUFF WYANDOTTES. Both sexes. Prices reasonable. John P. Ruppenthal, Russell, Kan.

SILVER LACED WYANDOTTE cockerels for sale. \$1 to \$3 each. Satisfaction guaranteed. Write for circular. S. B. Dressler, Lebo, Kan.

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FOR SALE—Thoroughbred Light Brahma cockerels one dollar; twelve hens, one cockerel, fifteen dollars. Nottager strain Partridge Rock cockerels three dollars. D. C. Davis, Cimarron, Kan.

Reliable Poultry Breeders

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PURE BARRED cockerels \$1.00 and \$1.50 each. J. F. Padget, Bucklin, Kan.

FOR SALE—Twenty White Rock hens at \$1.00 each. Minnie Clark, Haven, Kan.

BUFF ROCKS—A few breeders and young stock for sale. William A. Hess, Humboldt, Kan.

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BIG TYPE BARRED ROCKS. Fine cockerels and pullets half price now. A. H. Duff, Larned, Kan.

FOR SALE—An extra choice lot of Barred Rock cockerels at \$2.00 each. D. N. Hill, Lyons, Kan., R. 1.

FINE BARRED ROCK cockerels \$1.50 each. Vigorous, farm raised. Mrs. H. Buchanan, Abilene, Kan.

BARRED ROCKS. Cockerels, pullets, \$1.00 each. Six for \$5.00. Good choice birds. G. M. Shepherd, Lyons, Kan.

CHOICE BARRED ROCK cockerels \$1.00 each. Express paid on six or more. Chas. Cornelius, Blackwell, Okla.

PURE BARRED ROCK cockerels, large and vigorous, during Nov. at \$1.00 to \$2.00. C. E. Romary, Olivet, Kan.

EXTRA FINE B. P. Rocks. Pullets 75 cts. each, \$3.00 per doz. Mrs. A. F. Ecklund, R. F. D. No. 1, Herington, Kan.

PURE BARRED ROCK cockerels. Fine early hatched, \$1.00, \$1.50 and \$2.00 if taken soon. Mrs. C. N. Bailey, Lyndon, Kan.

BUFF ROCK cockerels \$5 each to make room. Fine big fellows. Satisfaction guaranteed. C. R. Baker, Box 2, Abilene, Kan.

HAVE 8 HENS and pullets and 1 chl. of Bird Bros.' Partridge Plymouth Rocks. \$10 buys the bunch. Do not miss this. C. O. Crebbs, Strong City, Kan.

WHITE PLYMOUTH ROCKS. Largest, whitest and highest scoring birds in the West. More 1sts Kan. state show 1909 to 1913, than all other breeders. Big early hens, chls. and pullets for sale cheap. C. C. Fair, originator of Ivory strain, Sharon, Kan.

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CHOICE Bourbon Red toms \$3.50. C. A. Barr, Bayard, Kan.

MAMMOTH BRONZE toms \$4. Carrie Thompson, Cimarron, Kan.

BOURBON RED and White Holland turkeys. Box 66, Inman, Kan.

BOURBON turkeys, \$2.50 to \$3.50 till December. Myrie Peck, Wellington, Kan.

FINE Mammoth Bronze toms \$5.00. Hens \$3.00. Mrs. P. D. Spohn, Inman, Kan.

BOURBON RED turkeys. Toms \$4.00. Mrs. James Nelson, Jamestown, Kan.

THOROUGHbred Bourbon Red turkey hens \$2.50. N. J. Shively, Moran, Kan.

WHITE HOLLAND turkeys. Toms \$5, hens \$3. Grace Garnett, Columbus, Mo.

CHOICE White Holland turkeys. Toms \$3.00; hens \$2.00. Ruth Custer, Solder, Kan.

MAMMOTH Bronze turkeys. Toms \$5.00, hens \$3.00. Mrs. A. Anderson, Greenleaf, Kan.

MAMMOTH BRONZE turkeys. Young hens \$2.50. Gobblers \$4. Mrs. Geo. McAdam, Holton, Kan.

FOR SALE—Bourbon Red turkeys. Single or in trios. Mrs. Daisy Goodsell, Marion, Kan., R. D. No. 7.

BOURBON RED turkeys. Toms \$4, hens \$3. Old tom \$5. Mrs. D. W. Shipp, Belleville, Kan.

FOR SALE—Thoroughbred Bourbon Red turkeys. Toms \$4.50. Hens \$3.00. John Carroll, Lewis, Kan., R. R. 2.

THOROUGHbred White Holland turkeys. May hatch, \$3.00 if taken before Dec. 1st. Mrs. W. B. Bradford, Agra, Okla.

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PURE BRED White Orpingtons. Rooster \$1. Albert Welty, Moundridge, Kan.

WHITE ORPINGTONS all ages. Low prices, good birds. Mrs. Helen Lill, Mt. Hope, Kan.

CHOICE S. C. Buff Orpington cockerels \$2.00 each. Mrs. W. V. Wilson, R. No. 2, Detroit, Kan.

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ROSE COMB BUFF ORPINGTON cockerels \$1 and \$2 each, 3 for \$5. Mrs. Z. M. Wright, Carnegie, Kan.

BUFF ORPINGTONS. Some choice cockerels, also cock birds for sale. Splendid quality. Can please you. Prices \$1.50 up. August Petersen, Churdan, Iowa.

GOLDEN BUFF YARDS, home of Orpingtons that are bred to lay and win. Winners of 133 prizes in 1911 and '12. Cockerels, pullets for sale. Eggs in season. Write me. Bert Wheeler, Fairfield, Nebraska.

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FEW CHOICE full blood Partridge Cochins cocks for sale \$3. Mrs. John Ellis, Benedict, Neb.

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Show stock breeders at prices that you can afford to buy. Send for circular.

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LEGHORNS

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LEGHORNS

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Reliable Poultry Breeders

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ENGLISH PENCILED Runners \$1.00 each. Mrs. S. S. Boyer, Wilsey, Kan.

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WHITE RUNNER drakes from state fair winners, \$1.50. Adda Walker, White City, Kan.

FAWN AND WHITE Indian Runner ducks and drakes 75c. Ethel Hammons, Bronson, Kan.

FAWN-WHITE RUNNERS. Blue ribbon stock. \$1.00 each. Mrs. L. H. Taylor, Kincaid, Kan.

ENGLISH PENCILED Indian Runners. Ducks \$1. Drakes \$1.50. B. E. Benson, R. 5, Atchison, Kan.

ENGLISH PENCILED Indian Runner ducks and drakes \$1.50 each. Clyde Creglow, Burlington, Colo.

ENGLISH PENCILED Indian Runner ducks 75c each during November. Mrs. Henry Wohler, Hillsboro, Kan.

INDIAN RUNNER drakes; American Standard; white eggs; satisfaction guaranteed. Effie Hill, Achilles, Kan.

FAWN AND WHITE Indian Runner ducks \$2.00, drakes \$1.00. Pure white drakes \$2.00. G. W. Skinner, Baxter Springs, Kan.

ENGLISH PENCILED Runner drakes. Walton strain. Racey type. \$1.50 each, 3 \$4. Mrs. Ed Bergman, Paola, Kan., Route 9.

LEGHORNS.

S. C. W. LEGHORN hens \$1.00 each, \$10.00 dozen. Sarah Rollins, Gretna, Kan.

SINGLE COMB WHITE LEGHORN cockerels \$1 and \$2 each. Mrs. Joe Boyce, Carlton, Kan.

S. C. WHITE LEGHORN cockerels; a choice lot; 6 for \$5.00. D. E. Griffiths, Riley, Kan.

150 PRIZEWINNING Single Comb Brown Leghorn cockerels, 75 cts. each. Chas. Dorr, Osage City, Kan.

SINGLE COMB WHITE LEGHORN cockerels \$1.00. Mrs. Jerry Brack, Havensville, Kan., Star Route.

FOR SALE—A choice lot of S. C. White Leghorn cockerels. Extra fine stock. Harry Glivins, Madison, Kan.

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ROSE COMB REDS, Silver Lace Wyandottes, \$1. Mrs. Ola Elliott, Delphos, Kan.

EXTRA GOOD dark Red R. C. cockerels \$1.00. Mrs. Florence Puckett, Garrison, Kan.

RHODE ISLAND RED cockerels, both combs, at right prices if ordered at once. H. A. Sibley, Lawrence, Kan.

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BLACK LANGSHAN cockerels from a \$20.00 sire, \$1 each. Must sell. J. A. Lovette, Poultry Judge, Mullinville, Kan.

SEVERAL VARIETIES.

TURKEYS, chickens, geese, ducks. Emma Ahlstedt, Roxbury, Kan.

ANCONA cockerels, Shepherd strain. \$2 each, 3 for \$5. Mrs. Edgar Fisher, Cedar Vale, Kan.

CHOICE, brilliant R. C. cockerels, pullets. Bargains. Sunnyside Farm, Havensville, Kan.

WHITE ORPINGTON cockerels (Kellerstrass). Mammoth Bronze turkey toms and hens. J. Marksman, Frankfort, Kan.

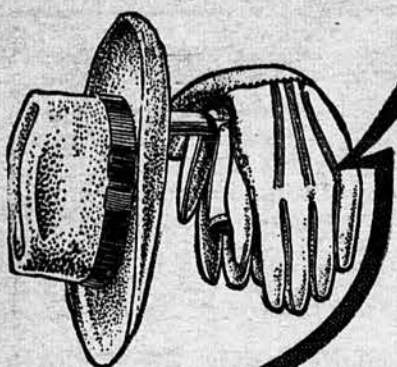
A FEW fine Single Combed Rhode Island Red pullets, also a few cockerels at prices to sell. F. B. Severance, Lost Springs, Kan.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

500 LARGE KIND Barred Rocks, Pekin ducks, Embden geese, Bronze turkeys, Duroc hogs. Mrs. John Steele & Sons, Chillicothe, Mo.

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WHITE HOLLAND turkey hens \$2.50; gobblers \$3.00. American Standard Indian Runner drakes \$1.00. White Wyandotte cockerels \$1.00; old hens \$1.00. Mrs. Joe Myers, Arcadia, Kan., R. 1, Box 109.



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THE MILLS DRY GOODS CO.
Topeka, Kansas.

Why the Babies Die

They Wont If They Are Taken Care of

FOR several thousand years babies have been filling the earth with gladness, but until lately nobody paid any particular attention to them. We accepted them as they came, chuckled them under the chin if they smiled and walked the floor with them if they cried; and if they died we blamed the mysterious dispensation of Providence. We have learned a good deal, but even yet one baby out of every ten is doomed to die before it is two years old; and



Walter Calvin,
Moore, Okla.

that is a lot better than it used to be.

Just a while ago somebody discovered that well babies do not often cry. The one that frets and cries much is for some reason not well. A baby is well because he is given good care; and the children who are given a good start in babyhood are the kind that grow up into strong, well men and women. Here are some of the things that help to make your baby a Better Baby than the one across the road:

Dress babies lightly and loosely. For underwear choose cotton and wool mixed.

When they are old enough to run out doors keep the feet dry in wet weather with rubbers. Do not tie up the throat except in severe weather. Throat protectors make weak throats.

Encourage the babies to play. After its nap romp with your baby. After its bath rub its skin till it glows, and knead the flesh gently. This keeps the pores open and ventilates the baby's entire system.

In warm weather when baby wants to play on the floor spread out a washable rug and warn everybody not to walk on it. Carpets hold germs tracked in by dogs, cats, and human feet. In cold weather keep your baby off the floor with its drafts, but protect the bed with a comfort, surround it with pillows, and let the baby exercise there. The baby tied in high chair or go-cart all its waking hours will not develop.

Do not encourage the child between 3 and 6 to amuse itself with sedentary games, that is, games that do not call for exercise. Provide battledore and shuttlecock, hoops, jumping ropes and roller skates. The silent, inactive child is never a Better Baby.

The mother who is nursing her baby should take a daily sponge bath. She should drink at least two quarts of water daily. She should not drink tea or coffee to excess, nor take patent medicine or stimulants of any sort. And she should not fret, worry, or indulge in fits of temper.

Never give the baby a pacifier. It will hurt him. Do not frighten the baby. Children have been thrown into convulsions by fear. If your baby, or any of the small children, breathes habitually with its mouth open, see a doctor. It may have adenoids, and adenoids mean dull children.

Between feedings give your baby cool, boiled water to drink. Do not give your baby bananas, candy, chicken bones or bacon rind to suck. Never give your baby soothing sirup or patent medicine. When your baby is able to sit at table, give it simple, easily digested foods, not the same food that is served to its elders.

Your baby should sleep alone. The room should be well aired with windows open at top and bottom. The baby under 2 years of age should have two naps daily; after that, an afternoon

nap. Babies should be trained to go to sleep at 6 p. m. until 3 years old, when the limit may be raised gradually to 8. Children should never be permitted to remain up late and share the amusements of their elders.

Cookies Like Mother Made

THERE'S NOTHING BETTER.

Every once in a while the Home Editor receives a recipe for "cookies like you buy", or a request from someone who wants to know how. The question is, why should anyone want such a recipe? People who have to buy are always trying to find cookies that taste like mother used to make, and once found they go like hot cakes. Here are some recipes for cookies that are better than anything you can buy:

Kisses—Beat the whites of 3 eggs to a froth. Stir in 1 pint of powdered sugar and ½ pound chopped nuts—hazelnuts, hickory nuts or peanuts may be used, or ½ pound coconut instead. Drop by small teaspoonsful on greased pans and bake slowly. Use lard for greasing the pans.—Mrs. Molly Fisher, R. 1, Mulvane, Kan.

The following is our family favorite cookie recipe: One cup granulated sugar, 1 cup cold coffee, ½ cup lard or drippings, ½ cup good sorghum, 1 egg, 1 teaspoon cinnamon, 1 level teaspoon soda dissolved in a little hot water, 3½ cups flour with 1 teaspoon baking powder. Drop into pans and bake in a moderate oven.—Mrs. P. D. Clear, Grainfield, Kan.

Raisin Cookies—One egg well beaten, 1 cup sugar, ½ cup butter, ½ cup milk, 2 teaspoons baking powder, 1 teaspoon soda, a little nutmeg, 2 cups flour. Roll thin, cover half of the dough with a raisin filling, lay the other half of the cookie dough on top, and bake. To make the filling take ½ cup sugar and a little water to dissolve, 1 teaspoon cornstarch, 1 cup raisins. Let boil till thick.—Mary M. Roth, R. 1, Bala, Kan.

Burnt Sugar Cookies—Cream 1 cup sugar and ½ cup butter, add 1 beaten egg, 2 tablespoons milk, 2 tablespoons burnt sugar, 1 teaspoon vanilla, 2 teaspoons baking powder, flour to make a very soft dough. To burn the sugar put 1 cup granulated sugar in a dry skillet and stir constantly over the fire. It will first get lumpy, then melt. Stir till it throws off an intense smoke, then remove from fire. Have ready a cup of boiling water, add it to the sugar and stir quickly. Return to the fire and let boil till it is like sirup. This will keep indefinitely and may be used in various ways. A plain boiled icing flavored with 2 tablespoons burnt sugar and 1 teaspoon vanilla is fine for layer cake.—Mrs. James Warner, R. 6, Abilene, Kan.

Spread for Dining Table.

[Prize Letter.]

Flour sacks well bleached make a pretty cover to spread over the table when it is kept set between meals. Four sacks will be needed. Leave one whole, cut two in halves and one in quarters, and put together as shown in the illustration. The pieces may be put together with insertion, or sewed together and feather-stitched with red floss.

Mrs. M. K. Boody.
Arlington, Kan.

Powder in the Face.

[Prize Suggestion.]

I had a flash of powder strike me in the face. I cut strips of fat from a ham and applied them to my cheek, and the fat meat drew almost all the powder out.

N. M. Kimball.
R. 4, Topeka, Kan.

Beefsteak will do the same; but the meat must be perfectly fresh and sweet.—Editor.

After all that's happened, said W. C. Palmer in his Jewell County Republican before it rained, the sunflower looks up and smiles. The sunflower is a true Kansan.

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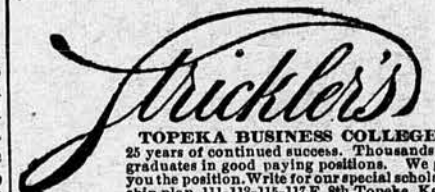
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We positively give FREE a STEM WIND SET, RICHLY ENGRAVED, PLATED WATCH, equal in appearance to solid gold. Guaranteed 5 years, and a beautiful 10c Diamond Ring for selling on 20 Needle Books at 10c. Each book contains 3 racks large-eyed needles and 8 darning wool carpet needles. Order 20 books when sold send us \$2, we will send you Watch, Chain & Ring. Willard Watch Co., Dept. 1118 Chicago

25 Christmas Post Cards 10c



THE BEST YOU EVER SAW
25 of the Best Christmas Post Cards ever sold for 10c. All different. Illustrations of Holly, Mistletoe, Christmas Bells, etc., with inscriptions. Some are embossed and in gold, all are lithographed in many colors on a good quality of cardboard. Sent prepaid with our large catalogue and special offer, all for 10c. HERMAN & CO. 2430 North Halsted St., Dept. C. 29, CHICAGO

HOME DRESSMAKING

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

No. 6087 illustrates a hat which may be made at home. The pattern is cut in three sizes—for ladies, misses and children. To make the hat illustrated will require $\frac{3}{4}$ yard of 36-inch material and $\frac{1}{2}$ yard of 27-inch silk to line.

The pattern for ladies' skirt No. 6309 is cut in five sizes, 22 to 30 inches waist measure. Size 24 measures $1\frac{1}{4}$ yards around the lower edge and requires $2\frac{1}{2}$ yards of 44-inch material.



colors, I laid on my patterns and after much turning and contriving concluded that I had sufficient material for the coveted jacket. After ripping carefully, I discarded all the pieces that were too much worn or too small. I then bought two packages of dye, made a very strong dye, colored all together and, after following directions, particularly pressing the pieces before they were dry, I had a uniform black. After making up I bought a good quality of fur, which will serve many times if taken care of, and was not very expensive, used this for collar and trimming, and am well pleased with my winter jacket.

My little girl needed a good warm coat for school wear and playing out-of-doors. I took John's heavy old coat, which was worn out, so far as its original owner was concerned, and after ripping it up I colored it with walnut dye. One of the fronts was torn at the pocket and I cut this out and pieced straight across. The upper pocket I retained for her use for mittens, etc. I took the cotton flannel linings, facing in front with new. To this lining I tacked the various waddings I had taken from the coat and quilted on the sewing machine; then, after sewing the outside and lining together, I turned and stitched all around. This coat she has worn for three winters and it is good for another one.

I took the pieces that were left of all the garments, sorted them, and made skirts, waists and even dresses for the little one. Thick pieces that were too small for anything else I colored black and used to make slippers, embroidering a flower on the toe of each and lining throughout with cotton flannel. As the soles were the same as the uppers, I sewed them on the machine, turned them, bound with dress-braid, and slipped in an old shoe inner-sole, covered with cotton flannel. They are very cheap and extremely comfortable to slip on in the morning; and they are so easy to make that all can have them, from grandpa to baby. The soles last much longer, by the way, if given a good coat—two or three coats are better, allowing each to dry thoroughly—of varnish. By the way, how many of you know that to varnish the soles of children's shoes—or those of grown persons—will make them wear much longer? I discovered this, and am glad to pass it along as a splendid idea.

Sister Hope.

Be Careful of Pipeless Stoves.

Many people in the gas belt of Kansas and Oklahoma at this time of year, when it is hardly cold enough to heat up with a coal fire, yet too cool to be entirely without a fire, find the small gas stove a great convenience. These stoves are clean, and the cost of the gas is very little. But unfortunately, many of these heaters are used without a pipe to carry off the products of combustion, and when there is no pipe the fumes of the gas, instead of being carried outside must go into the room to vitiate the air. There may be times when one is willing to sacrifice health for comfort for a short time; but it ought to be only for a short time, and even then an aching head will usually tell the story of poisoned air. An efficient gas or oil heater with a flue attachment is an admirable piece of household apparatus; a flueless heater—except for the most temporary of uses, and then used with a full knowledge of the dangers involved—is an abomination.

A Query on Cheese Making.

I am a reader of the Mail and Breeze and enjoy the paper very much, as I am alone way out here on a homestead. We milk several cows, and I would like to know if someone can give me directions for making good cheese with rennet, and tell me where I can get the rennet. I think I should like to make some cheese, as we are 26 miles from a railroad station and that is too far to market butter. What I want to know is, what degree of heat should the milk be, how many pounds of milk will make what size cheese, and can night's milk be used the next morning?—Mrs. R. J. Edgar, Webb, Colo.

A letter on page 13 in the October 25 issue of the Mail and Breeze answered most of the questions in this letter. The cheese tablets described in that article are rennet tablets; they can be bought at the drug store. A hundred pounds of milk will make a cheese weighing 8 or 9 pounds. The night's milk if well stirred may be mixed with the morning's milk. Some prefer to skim the cream from the night's milk and add it to the whole milk of the morning.

A dress for misses and small women is illustrated in No. 6265. The pattern is cut in sizes 14, 16 and 18 years. Size 16 years requires $3\frac{1}{2}$ yards of 27-inch goods for the blouse and $2\frac{1}{2}$ yards of 44-inch goods for the skirt.

Ladies' dressing sack No. 6188 is in five sizes, 34 to 42 inches bust measure. Size 36 requires $2\frac{1}{2}$ yards of 36-inch material.

The doll's one-piece set No. 5687 is cut in sizes for dolls 14 to 26 inches long. The pattern includes coat, dress, gimpie, petticoat, underwaist, drawers, nightgown and cap.

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.

Making Old Clothes Useful.

[Prize Letter.]

Cold winter is coming and we who have been spared through the heat and worry as well as the beauty of summer, have begun ere this to prepare warm clothing for our families. If your pocketbooks are not well-filled, I will give you a page from my own experience in economy. I had worn my long coat for several years, and of course was rather tired of it and determined to have a shorter garment in jacket style, but how? I brought down by the warm fire all the old coats and trousers I could find. After selecting those of the same texture, without regard to



Money in Sausage

The demand for good country sausage, such as you can make, is always greater than the supply and you can get good prices. Do your own killing this fall and see how much more profitable it is than to ship. You will need an

ENTERPRISE

Sausage Stuffer and Lard Press

the one machine that stuffs sausage so that it will keep. **Cylinder bored true.** The corrugated spout, our patented improvement, does it—fills the casings solid.


No air bubbles get in to spoil the meat. This is also the perfect lard and fruit press.

With an Enterprise Meat AND Food Chopper you are completely equipped. The one chopper made to chop meat, and chops everything else as well. Go to your dealer. He has the Enterprise line. Send us 4c for our new recipe book, "The Enterprising House-keeper," 200 economical, tasty dishes.

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Manufacturers of Enterprise Food Choppers, Presses, Coffee Grinders, Bone Mills, Feeders, Bad Irons, etc., all the best of their kind and all stamped Enterprise.
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2, 4, 6 or 8 quarts.
4-quart, Japanned, \$5.50.
Tinned and Japanned.

All sizes, hand, steam and electric power.
No. 5, Family Size, \$1.75.
No. 10, Large Size, \$2.50.
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When it comes to quick, easy cleaning of milk cans, pans, pails, cream separators and churns,

NOTHING DOES THE WORK SO THOROUGHLY

as Old Dutch Cleanser.
Wooden benches, tables and shelves are quickly freed of milk stains, grease and cream clots.

MAKES EVERYTHING SWEET AND SANITARY

No hard rubbing nor tedious scrubbing.



Many Other Uses and Directions on Large Sifter Can—10c

DON'T BE WITHOUT IT

In the Line at North Platte

The Field Editor Was Caught in the Crush and Registered

BY F. B. NICHOLS

The Farmers Mail and Breeze.

A KIND, fatherly-looking man in the lobby of the Paxton Hotel in Omaha got me into the scrape. Until I met him I had been a rather normal sort of a person who had no wild dreams of sudden riches through real estate. In fact, I had decided not to register in the government land lottery at North Platte, Neb. But I changed my mind.

"Young man, you ought to get hold of some land," said the fatherly person. "All prosperity depends on the soil, and farm values are certain to rise. You have a fine chance to get a good farm almost free now, too. You can register up at North Platte for 25 cents, and get a section of land. There are 700 good farms to be given away. Go out there over the Union Pacific railroad, tonight, and get a farm."

So I decided to go. My prosperous looking friend was giving me good advice, I decided. I did not learn until afterward that he was a traveling passenger agent for the Union Pacific railroad. Incidentally, I also learned many other things. The idea of getting a section of land for 25 cents was pleasing. I could afford it.

That was Sunday, October 19. I visited several towns along the Union Pacific the first of that week, and I reached Lexington, Wednesday, October 22. Lexington is 60 miles from North Platte, but there was more excitement there than there was in the grandstand at the race track of the Nebraska State Fair at Lincoln, last fall, when the race for the Gate City purse was on. Everyone, I was told, had registered. I believed this until the following morning, when I became entangled in the efforts of the Lexington delegation to get on the North Platte train. The rush reminded me of when I saw a goat stroll into a flock of sheep on a ranch in Oklahoma. I do not mean, however, that I was the goat at Lexington.

At the hotel that Wednesday night a traveling man who was forty and fat was the leader in the conversation. He had just come from North Platte, where he had registered. He seemed to believe he had one of the \$15,000 sections won already, and he took about half an hour telling us how he would run his farm. I gathered from his ideas that he would be an agriculturist and not a farmer.

But the salesman's ideas increased my enthusiasm to get a section of that land. I left a call with the night clerk so that I could catch an early train for the scene of the disturbance, and went to bed. The next I knew the clerk was telling me through the transom that I still had 16 minutes to get to the depot. I made it with 90 seconds margin. It has been said that one of the main essentials for success in the newspaper game is a pair of good legs. If this is true I ought to get my salary raised on the strength of the run I made that morning.

Things were peaceful at the station, however. In response to my urgent demand for a ticket, the agent said there was no occasion for hurry. The train was an hour late. After contributing to the support of the Union Pacific, for which I received a ticket, I made a few caustic comments in regard to telegraph operators who couldn't get an early report on a train.

"Well, you see," said the agent in an apologetic sort of way, "Bill, the operator, and Andy Blaine got into an argument over which was the best section in this here North Platte land, and Bill forgot to find out about the train. Bill's going to quit railroading if he gets a claim."

Thereupon I felt more kindly toward Bill. A little land or the fever for it makes brothers of us all.

I found a seat in the train beside a little dried-up sort of fellow who was looking out of the window as if he had lost something. We soon began a conversation, and I found that North Platte was his Mecca also.

"I've got a little sawmill back in Missouri, boys," he said, "and I'm going to bring it up here and put it on the forest reserve. There will be a big demand

for lumber in this new country. I don't see any trees along here, however."

It took much effort to convince the little man that the forest reserve to be opened for settlement had been established as a place to plant trees, and not to protect any that were there.

No football rush ever equaled the grand run that started several seconds before the train came to a stop at North Platte. It was headed by two giant negro Pullman porters who were tired of the road, and wished to go to farming. The dining car conductor and a baggage man finished the race behind the negroes, but they were well ahead of the rest of us. Women and railroad men were allowed to register without getting in line, and as North Platte is a division point on the Union Pacific a railroad man had enough time to get his name recorded and still get away with his train.

The remainder of us, who were just plain people, lined up in two lines, at the direction of a large strange man, who seemed to be the boss of that part of the world. He was smoking an amazingly long cigar, and he looked as if he was a prize-fighter. No one cared to question his authority as ringmaster. It was a circus. All types of human-

ity were represented. New York is supposed by most persons to be the melting pot of the United States, and it is said that one can find more classes of people there than in any other place in America. I believed this until I went to North Platte. I don't believe it now. I have been on Broadway but I never have seen so many types of men there as I saw in line that day at North Platte.

Take the men near me in the line for example. The second man ahead was a banker from Kansas City. The little man just ahead was from the packing houses of St. Joseph, where, as he told me, he had been supporting a family of eight on \$1.75 a day. He was tired of the city with its limited opportunities, and he wished to get where his children could be healthy, at least.

The man just behind me was a farmer from Kansas, and the second one was a negro from Missouri. The man opposite me in the line was a traveling man from Omaha who sold pickles. The second man ahead of him was a young fellow from Brown county, Kansas, who told me afterward that if he won a claim he expected to marry the finest girl in the world, and that she would help him establish a home on it. An old man from central Illinois was in the line between him and the traveling man. A shoemaker from Chicago was just behind the traveling man and the next in line was a farmer from eastern Colorado. The ten of us made a strangely assorted group.

It was the traveling man, of course, who proposed the first alleged joke. "Boys," he said, "have you thought that this was October 23? You can see what you'll get."

We finally worked up to the door of the building where we were to register. The custodian was a small man who evidently had been a ticket seller in a side show, judging from his voice and

his English. This was his speech, as I remember it:

"Line up, gents, single file. Here's where you git a farm for a quarter, two-bits. Pay your money, git a blank, have a notary fill it out, swear to it, git an envelope, put the blank into it and drop it in the box."

We obeyed instructions. All that the government wished to have set down on the blank was one's name, address, age, weight and height. One also agreed that he would not register more than once. There were eight men to fill out the blanks. The crowds were handled rapidly. Six hundred men an hour could register. There were three shifts of men at work, and the office was kept open at all times for two weeks, except Sunday.

After I had deposited my sealed envelope, I was invited to depart by the back way, which I did, and I then ran the gauntlet of the most amazing lot of grafters I have seen for many months. The only ones in their class are the pirates who sell cushions for the hard seats at the Western League baseball park at St. Joseph. The North Platte grafters seemed to have everything to sell. The men who were selling the maps of the land on which these claims were located were the most insistent. It took almost a personal encounter to get away from them.

After bidding farewell to the salesmen, we gathered what was left of the Lexington delegation and went south from town to the North Platte Experiment station. Fair crops were raised in that part of the Platte valley, and our

No favors were shown anyone—except that women and railroad men were allowed to register without getting in line. The rich and the poor, the wise and the foolish, those who came in Pullman observation cars and those who rode the brakebeams all got in line and took their chances together. What will the winners do?

The results at North Platte have shown that the government lottery scheme of giving away land is imperfect. In too many cases the farmers who really needed the land and who would have made the best use of it did not get it. Two-thirds of the claims went to Nebraska people. Why? They were near to the registration booths, and they could afford to go. Thousands of farmers went up there from Kansas, it is true, but the proportion was much smaller than from Nebraska. The chance of a man getting a farm was so small that he was hardly justified in gambling the money it took for traveling expenses from Kansas to North Platte. Most of the Kansas men who went up there did so largely for the trip.

Some other system of registration should be worked out, so the farmers from a distance who really need the land could get an equal chance with those living near. If a plan that would accomplish this could be found, it would be as far ahead of the present system as this one was ahead of that used in the grand opening of Oklahoma, when speed, fighting strength and guns were all that counted.

Sugar Beet Harvest is On

This is the harvest season in the sugar beet districts. The center of the beet growing industry in Kansas is Garden City whose population has lately been swelled by several hundred persons as a result of the opening of the sugar beet factory. Thus far there have been about three men for every job. The men work in 12-hour shifts including Sunday. For common labor 20 cents an hour is paid while skilled laborers in the refinery receive 75 cents an hour.

Finney and Kearney counties have almost 10,000 acres in beets this year but this is only a part of the crop that will be worked up at the Garden City factory. Beets are being shipped in from as far as Maxwell, N. M., in the southwest and from Lyon and Chase counties on the east. The growers receive \$5 a ton for the beets and keep the tops for stock feed. The crop on irrigated lands will be good. The factory usually makes a run of about two months to handle a season's output of beets.

Turkeys require a considerable amount of pure drinking water.

Quality—Plus Plus What? Plus Advertising

Someone has found a way of making something better than it has ever been made before.

It is something you need—very much—in your business.

But you are in another part of the world, and you know nothing about his discovery. So, it doesn't do you any good, and your need of it does not do him any good.

That means a lamentable loss—a financial loss to both of you. Railroads and steamboat lines do not help the situation. To get the article to you, you must first know about it.

To fill this gap—to link maker to user—by the knowledge of a mutual interest—that is the office of advertising.

A ship has all its sails furled. There is a good breeze, but the vessel does not move. That is advertising without quality. It is all wind, and no result.

Another ship has its sails set and ready, but it is becalmed. There is no power there to produce motion. It gets nowhere. That is quality without advertising.

Knowledge is power. Advertising applies the power of knowledge—the energy that moves the world's industry.



Crowd waiting to register for Land.
North Platte, Nebr.

enthusiasm was high until we crossed the South Platte branch and found it dry. Deep gloom settled on the party at once. The sight of a man hauling sand from the bottom of the river added to the depression. We had crossed the North Platte when coming in on the train—it joins the South Platte near the town of North Platte—and there seemed to be plenty of water in it. Although we knew there was a good underflow in the South Platte bottoms and that much of the water was taken out for irrigation in Colorado, it didn't help much. A river without water doesn't look any better than a cornfield without ears.

Much Excitement There.

The sight of the big alfalfa stacks on the Experiment station farm made us feel more optimistic, however, although we knew that the soil conditions there were different from those of much of the land to be opened to settlement. Good alfalfa yields were a feature of the results of the Experiment station farm this summer.

There has been more excitement and enthusiasm over the registration for the land at North Platte, Broken Bow and Valentine than ever before at the opening of land for settlement in the United States. Most of the thousands who made the trip came from Nebraska, of course, but there were representatives there from almost all states. An especially large number of the homeseekers were from the cities. This was very noticeable. There is a great amount of dissatisfaction among many city workers in regard to the life they have to lead. The back-to-the-land movement is stronger today than ever, and this was forcefully expressed at North Platte. Many of the city men who registered knew but little of country life, and they would not have made a success if they had won a claim, but the desire for the rural life was there just the same.

Kafir Muffins on the Diner

A Wichita Mill Will Supply the Flour—Other Items

The Rock Island dining car service has decided, after testing the delicacy, to make kafir muffins a regular feature of the menus on its dining cars. And the kafir for the manufacture of this newest delicacy will be obtained in Kansas. Orders have been placed with a Wichita mill for a large quantity of kafir flour, which would indicate that the Rock Island dining car service has found the kafir muffins a popular and satisfactory addition to the menu.

\$100 An Acre Increase.

O. B. Heath, an extensive farmer and stock raiser, recently sold a 90-acre farm, adjoining Wakefield, to George Caston for \$200 an acre. Mr. Heath bought the farm four years ago for \$100 an acre.

Kansas Cattle to Oklahoma.

W. H. Henderson, of Greenwood county, Kansas, says there has been a great movement of Kansas cattle to Oklahoma recently. More than 12,000 head have been shipped south out of that county. The animals will be held in Oklahoma on forage and grass for a few weeks. They then will be finished largely on cottonseed products.

Calves Will Give Profits.

"I have made up my mind that calves are the safest cattle proposition," said F. H. Anthony of Lyon county, Kansas. "It looks like a very high price to pay \$8.25 for calves but that is what I did, and I believe they are cheaper at that than stock steers weighing 750 pounds at \$7. I have good wheat pasture for this stock to feed on."

Feterita Yields Well Here.

A. H. Morey, Clayton, Kan., had good success with six acres of feterita this year, considering the dry weather. The corn crop was a total failure. The feterita produced more than 2,000 pounds of seed. The stalks were cut after the crop was headed, and the stock eat them well. Mr. Morey will plant 40 acres of feterita next spring.

There's Feed in Missouri.

A. M. Guthry of Saline county, Missouri, referring to the cattle feeding situation stated that farmers in his section would have more corn than they looked for and that there is plenty of forage feed. "I want some cattle myself," Mr. Guthry said, "but of course, I want to buy them when they are selling at the lowest price."

Silos Reduce Stock Losses.

G. H. Meller of Lincoln county, Mo., says that by using silos the farmer eliminates the danger of having his cattle and horses poisoned. "Two years ago we lost a great many horses, and some cattle by the cornstalk poisoning," he said. "When put into the silo all poisons are removed from the corn, if there are any there."

Fewer Hogs in Oklahoma.

W. M. Hodge of Heavener, Okla., who has spent 20 years in that part of the state, says that not in a good many years were hogs so scarce. "Hog shipments from that locality during the next six months or more will certainly be very light," he said. "We simply feel that the price feed sells at it would hardly justify us in keeping them."

Hogs Are Good Property.

James Dagley of Clay county, Missouri, reports that farmers are carrying over just as few shoats as possible, as corn is high priced, but that they are holding back a good many brood sows. "We realize that hogs are good property, and must prepare to breed up and keep up the number, so, for that reason, brood sows are being held," Mr. Dagley said.

Hogs Cleared \$3 a Head.

C. H. Butler of Marshall county, Kansas is regarded as one of the most successful hog raisers in that part of the state. Mr. Butler raises the Duroc-Jersey breed, and produces an average of 600 pigs a year. A few days ago Mr. Butler marketed on the Kansas City yards a carload of pigs that were but 7

months old. They averaged 207 pounds and sold at the top price that day. Mr. Butler gives hog raising careful attention, and not in many years has he had a sick hog on his farm. "I figure that my hogs make me a net profit of \$3 a head," Mr. Butler said.

He Will Feed Sheep.

Gus Brune of Douglas county, Kan., proposes to feed a bunch of good Western lambs this fall and winter. He took from the Kansas City yards 650 head of lambs recently that averaged 51 pounds.

Silage from Russian Thistles.

A. E. Bowman, assistant agricultural leader for Wyoming, reports the use of Russian thistle for silage, and is of the opinion that if plenty of water is used, an excellent quality of silage can be produced which will help wonderfully in the dry country.

Plenty Feed in Crawford.

F. A. Adams of Crawford county, Kansas, considers the chances of wintering stock in that part of the state better than last fall. "We have more feed now than we had a year ago in my own neighborhood," Mr. Adams said. "And I think the country generally is faring well on this late forage feed matter."

He Will Feed Without Corn.

G. W. Smith of Westphalia, Kan., has made up his mind that he will feed cattle this fall and winter without corn. Mr. Smith built two large silos this season, and he has both full. Now he has bought a supply of cottonseed cake, and he recently purchased 100 head of good steers averaging 1,050 pounds. He will put them on feed at once.

Co-operation in Wisconsin.

The farmers of Grant county, Wisconsin, have organized and are to try the co-operative grinding of limestone. The college of agriculture of the University of Wisconsin is to aid in the movement. A small transportable grinding machine will be taken from farm to farm. In this way it is figured that the annual expense for lime can be reduced to each member of the association.

These Cows Paid Well.

H. H. Davis, of Lewis, Kan., has made a good profit from two cows this year. He sold \$108 worth of butter from the cows from January 20 to October 20, and he fed the skim milk to seven calves. He estimates that the gain in value of the calves in this time was \$176 or \$19.55 a month. In addition the family used all the butter and milk that they wished. No special feed or care was given these cows.

Hog Vaccination Will Pay.

A. B. Berry of Baxter, Ia., makes the prediction that when all farmers adopt the vaccinating plan sick hogs will be almost unknown, and the farmers will have nothing to worry about when it comes to raising hogs. "The very reason why so many light weight hogs have been pouring into the market during the past few years, was simply because of hog sickness, or because the farmers feared their hogs would take sick and die," Mr. Berry said.

Regarding Beef Imports.

The recent transfer of the United States from the small list of beef exporting countries to the large list of beef importing countries is sharply illustrated by the August figures of imports and exports of beef and beef cattle, and a comparison of these with the August figures of earlier years, just made by the bureau of foreign and domestic commerce, of the department of commerce. This shows that the exports of beef and beef cattle have fallen from 44 million dollars value in the eight months ended with August, 1904, to practically 1 million dollars in the corresponding months of 1913, and that the imports of cattle meantime have increased from 9,357 in the eight months of 1904 to 340,105 in the same period of 1913, and their value from \$181,145 in 1904 to \$5,031,842 in 1913.

A Girl who asks— "May I trim your Hat?" And free of charge

She trims thousands of hats every year. She does nothing else, in fact. So far she has trimmed and made over some five thousand old hats, and made them look like new. She learned how to do it in New York, Paris and Philadelphia. And she does it by mail and without charge.

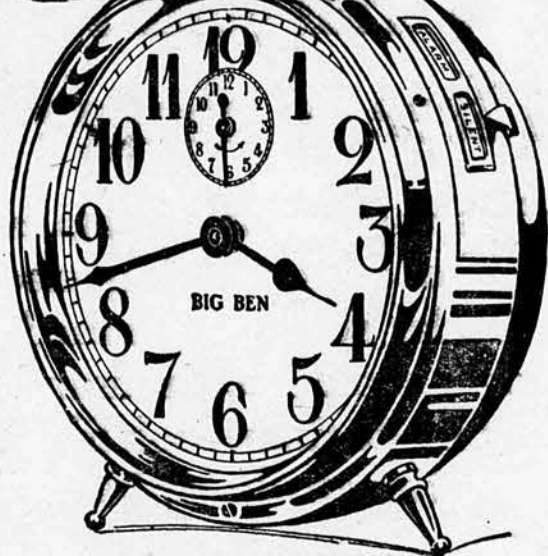
She is the Millinery Editor of *The Ladies' Home Journal*, and thousands of girls and women have learned to rely upon her to make a hat last more than one season, and to tell them what to do with a hat that is too good to throw away. In addition she answers questions relative to the dressing of the hair.

She does it in part each month in *The Ladies' Home Journal*, but her greatest work is done by mail, in personal letters, full, comprehensive, and directly helpful to the individual need. Her work is part of the personal service that the magazine gives to its readers, and that has made it a living, human institution that goes beyond print and paper and reaches out a helpful hand of actual service. A booklet, entitled "The Story of 600,000 Invisible Hands," tells something about this service. A postal-card request will bring a copy.

A year's subscription to *The Ladies' Home Journal*, by mail, costs \$1.50, or it may be bought from any Newsdealer or Boy Agent at 15 cents a copy.

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He wears an inner vest of steel which also serves as his bell. You can't wear him out. Give him a drop of oil a year, and he's good for a lifetime of handy service.

For your accommodation he rings TWO WAYS—set him either way you wish—to give one long five-minute ring, or ten short rings at one-half minute intervals, until you're wide awake.

More than 3,000,000 families have found him a reliable time-keeper. 20,000 jewelers have so many calls for him that they have to keep him within easy reach in their stores. You'll see him on almost every jeweler's shelves, and in his windows.

Think what it means for people to pay more than \$8,000,000 to get this one clock in their homes. Don't you

want Big Ben, the Eight-Million-Dollar alarm, since he only costs you \$2.50?

He stands 7 inches tall, is triple-nickel plated, the handsomest clock of his kind living, has big bold numerals and hands that show the time plainly on dark mornings, large keys that anyone can wind without frowning, and such a pleasant tone that you are glad to get up when he calls.

There never was another clock that fitted in so well with farm work—getting the hands up on time, and acting as a good house-clock all day.

A community of clockmakers stands back of him. Their imprint, "Made in La Salle, Illinois, by West-clox," is the best alarm-clock insurance anyone can carry.

(188)

The Best Light for Any Home



Any authority on "eye-matters" will tell you that kerosene lamps are best for reading and studying. And the Rayo is the best of all Oil Lamps.

Rayo Lamps

now light three million American homes—the best evidence of their superiority.

Let your dealer demonstrate and explain. Illustrated booklet free on request.

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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. Why pay \$1.00 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. \$4.00 per barrel of fifty-two gallons. 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**



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Do You Believe in Ponds?

The Law Will Help, But Get an Engineer Also

BY W. S. GEARHART
State Engineer

It isn't easy to make a first class pond at a reasonable cost, one that is safe and will hold water, and any farmer contemplating the construction of a pond or storage reservoir should first of all obtain the advice of a competent engineer.

There is, of course, considerable difference of opinion as to the benefits to be derived from ponds. Some radical critics go so far as to predict that these proposed ponds would make a swamp out of Kansas and that they would be only mosquito-breeding holes, bringing malaria, fever and ague and all sorts of diseases and trouble.

If we had a big pond on every 40-acre tract in Kansas, it would not increase the annual rainfall but these ponds probably would have some influence on the hot, dry winds. There is little doubt that even a small pond or reservoir would modify the atmospheric conditions appreciably in the immediate vicinity of the pond, the same as the wet sponge in the cigar case moistens the air, or the evaporating pans often used in a house heated with hot air to protect the furniture. Every Kansan has noticed the difference between the refreshing breezes blowing from a corn or alfalfa field as compared with the hot, dry, burning air from a stubble field or prairie sod.

The Seepage Loss.

It is almost useless to build a pond in the ordinary way to store only the run-off water from a given area. Careful investigation shows that the losses due to seepage alone would amount to one inch or more of water in every 24 hours in a well-built earth pond. The surface evaporation will amount to from 40 to 60 inches a year and during May, June, July and August the evaporation may be as great as six to 10 inches a month. From this and the general knowledge we have of the construction of such ponds in the state, it is evident that sky ponds (those fed only from surface run-off) will be dry when they are most needed.

A reservoir, to be of any real value when it is most needed, must first be properly located and well built and must be fed by springs, streams or wells constantly to restore the loss due to seepage, evaporation and usage. In parts of Kansas there are not many springs or streams suitable for this purpose, but a large area of the state has immense flows of sheet water at depths ranging from 10 to 75 feet which can be lifted by windmills at a very low cost.

In most cases the pond could be located so as to make it possible to irrigate a garden or an acre or two of truck and this would prove very profitable even in eastern Kansas where the water might not be needed more than once or twice in two or three years. In fact, during the last two years, many farmers in that section have put in pumping plants to lift the water from the streams for irrigation purposes.

Have a Concrete Trough.

A pond, even with abundance of flowing water, will become a mudhole and a blot on the landscape if it is not fenced to keep out the cattle. The water for stock should be piped to a concrete trough below the dam.

If the pond is well located, properly built and continually supplied with water, fenced, and stocked with fish, and arranged so that it can be used for irrigation purposes, it will not be a neglected spot, a frog hatchery, a mud-hole and a blot on the farm. The stock water, the possibility of profitable irrigation, the fishing, boating and swimming will give every member of the family a special interest in it and just this very thing is needed to make the pond a well kept, permanent, useful, profitable improvement.

Chapter 211 of the Sessions laws of 1911 provides that reductions in the assessed valuation on farm lands shall be made for every reservoir constructed to collect and store surface water under certain stipulations. For every earth reservoir containing an acre foot of water a reduction of \$100 in the assessed valuation is made, and if not less

than four acre feet of water is stored in a single pond a reduction of \$200 in the assessed valuation is made.

Some Useful Bulletins.

For concrete, stone or brick dams a reduction of \$200 in the assessed valuation of the land is made for the storage of one acre foot, and for not less than four acre feet \$300. This compensation is not very great, but until the state constitution is changed so that state aid may be granted for such internal improvement, it is about the best that the state can do financially. The law referred to requires that the county engineer or county surveyor shall prepare the plans and specifications for these reservoirs at county expense.

Professor L. H. Dyche's bulletin No 1 on "Ponds, Pond Fish and Pond Fish Culture" and the U. S. department of agriculture, Farmers' Bulletin No. 394 on "The Use of Windmills in Irrigation in the Semi-Arid West" can be had for the asking. Both of these bulletins treat of Kansas conditions and are well worth reading.

The office of the state engineer, extension division, Kansas Agricultural college, is in position to give a limited amount of assistance in pond and reservoir construction, to answer inquiries and furnish general plans and specifications to farmers. There is no charge for plans and specifications or for services.

Co-operate in Burning Bugs

Uncle Sam will help Kansas burn chinch bugs this fall. The department of entomology of the Kansas Agricultural college has just obtained promise of the co-operation of the bureau of entomology of the United States Department of Agriculture. E. O. G. Kelly, assistant entomologist of the bureau, who has had his headquarters at Wellington, Kan., for several years was in Manhattan a few days ago to complete arrangements for the co-operative burning campaign. The government will furnish at least two experienced men, and possibly more, to assist in every possible way in organizing for systematic burning.

"Township trustees, farmers' institutes, school boards, county bankers' associations, granges, anti-horse thief associations and other organizations are to help in organizing for systematic work," said G. A. Dean, state entomologist. "Road supervisors should have all the bunch grass and other trash along the roadsides burned. Road masters should take special pains to have the grass burned along the railroad right-of-ways. We hope the newspapers and farm papers, which already have rendered such valuable help, will continue in keeping up interest."

"The burning of chinch bugs in winter quarters is no experiment and there is no need at this time to discuss the methods of destruction because these already have been well established by the agricultural college and government experts. There can be no question about the results if all will get together."

Equity Convention Out Here

The Farmers' Equity Union is coming west to Kansas City for its third national convention. The meetings will be held at the Densmore hotel, December 16-18. Every local union or Equity exchange is entitled to one regular voting delegate and as many visiting delegates as it chooses to send. A typewritten report is to be made by every exchange or local union and a complete report will be made by the national union of expenditures, work and results of the year. A question box will be opened at 4 p. m. each day and one hour taken for a general discussion of the questions dropped by the delegates. The union is planning a great campaign of education and organization for 1914.

I have been reading the Mail and Breeze for some time and enjoy it as it comes from my native state.—C. E. Peckover, Boulder, Colo.

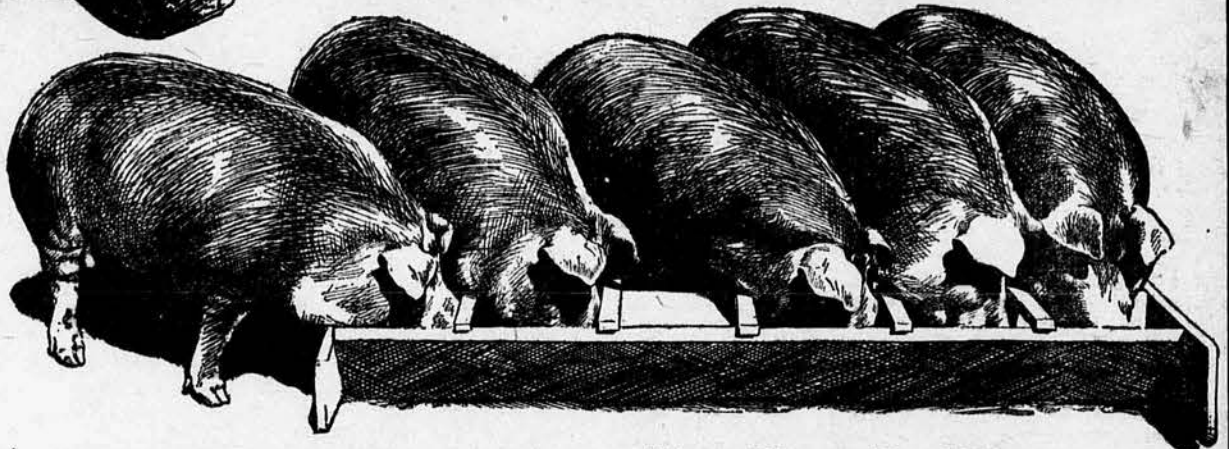
Let Me Help You Save Your Hogs



Rid them of disease. Rid them of worms.
Put them in a thriving condition.
Make them do better on their feed.
Satisfy you in every way—

OR NO PAY

ALL I ask is an opportunity. You don't need to send me one cent. You don't obligate yourself for a single penny unless I prove to you beyond any question of doubt that Sipe's Hog Conditioner **has made you money**. I make you this offer because my years of experience have absolutely proved to me what my Hog Conditioner will do. I have successfully treated thousands of hogs because I gave them what their systems required to put them in condition to overcome disease.



I Can Save Your Cholera Hogs, Too!

I can save the hogs that are dying all over the country at the present time, if given the opportunity of treating them before they reach the last stages of the disease.

This may seem like a startling offer to make, but from many years' practical experience in these hog troubles, I am willing to back it up with my plain offer that my medicine will not cost you a single cent, unless I make good. I don't claim to save hogs that are in the **LAST STAGES**—they can reach a point beyond which there is no hope, but my medicine will save the hogs that are in the first stages of the disease, and **WILL PREVENT THE DISEASE** getting into a bunch of hogs—I don't care if it is on all four sides of your feed lot.

At present the country is experiencing more cholera and other hog disease than ever before, and it is being fought with methods that are hoped to be successful. My idea of treating hogs, **WHETHER THEY ARE SICK**, or otherwise, is to commence on every part of the hog and gradually build him up. I do not leave it to the hog's judgment to doctor itself as it sees fit, but I make it take the treatment such as I have given thousands of others that has accomplished the result.

Hogs Don't Need Poisons

In compounding my medicine I use no deadly poisons, and do not include anything that will injure the hog's stomach or intestines, or anything that will overwork any part of the system. I only use such medicine as will work the different parts in harmony and in a natural way, destroying the worms, making the system carry out the impurities, and toning up the general constitution.

More Profit From Your Feed

Is it not a fact that you can look over your herd and see that about one-third of them are not doing as you think they should on the feed you are giving them? **WHY WASTE YOUR FEED** on this kind of hogs and take the profit from the ones that are healthy and thriving, and getting the benefit from their feed, when the remedy is so simple and inexpensive? The feed you give the ones that are not thriving is a dead loss, and where if fed to the healthy hog would mean **MORE PROFIT**.

You Must Do More Than Kill the Worms

All hogs have more or less worms, but when you get rid of the worms you have only just started to get the hog in a healthy and prime condition. The parts of the hog that have been affected from the wormy condition should be thoroughly cleansed out and built up generally after removing the worm trouble.

Each part of the hog anatomy lends its assistance in the existence of the hog, and when one or all are idle, or not doing their part, complications generally result, which take the vitality from the hog's stomach, and were these complications **ONLY CAUSED** by worms it would be a very easy matter to overcome it by exterminating the worms. You can **RID YOUR HOGS OF WORMS—AND STILL THEY DIE**—IS THIS NOT CONCLUSIVE EVIDENCE of the above facts?

Cost of Feeding

The cost of feeding my medicine to the average herd, under ordinary conditions, is from **FOUR TO SIX CENTS** per head per month. Where hogs are badly out of condition, or **SICK**, it naturally takes a little more of the medicine, as it is fed more often, and a little heavier. It has been demonstrated that a hog can be kept in a healthy and thriving condition from farrowing time until time for marketing at the very small cost of about 30c. Compare this cost to that of feed at present prices, and you will see that in a very short while the medicine will more than pay for itself by conditioning the hog to get the full benefit from the feed he gets, whereas, if the hog is out of condition, the feed is wasted.

Send No Money! Just this Coupon!

Cut out the coupon and send to me, or write me a letter, tell me how many hogs you have. I'll send you enough conditioner to last 30 days—take it—use it—if it don't save your sick hogs, if it don't prevent disease from getting into your feed lot, if it don't make your good hogs fatten faster, if it don't make the "runts" do better you won't owe me one cent. No man could back his goods up with a stronger guarantee, no man could make a more liberal offer. At the price hogs are now and at the price hogs are bound to be next year you can't afford to take any chances. Send me the coupon or letter today. I'll rush the conditioner to you by the next train with full directions. Address

Prices

30 lbs. \$ 3.50	50 lbs. \$ 5.50
100 " 10.00	250 " 22.50

Sold only in Trade Marked packages. Never sold in bulk.

BRUCE SIPE, Gen'l Manager
SIPE'S CONDITIONER MFG. CO.
HIAWATHA, KAN.

SIPE'S CONDITIONER MFG. CO., Hiawatha, Kan.

Ship me enough Sipe's Hog Conditioner to feed my hogs for one month. I will pay the freight charges, and if it does as you claim I will pay for it at your regular prices, at the end of 30 days. Otherwise you are to cancel the charge.

I have..... old hogs,..... shoats,..... pigs.

If your hogs are sick now write me a special letter describing them as near as possible.

Name.....

P. O.

Shipping Station..... State.....

M. B. 11-15

Ways=Means=Results

Worked Out by Mail and Breeze Readers

Must Be Co-operation

Mr. Editor—The situation between landlord and the tenant is a vital one all over Oklahoma. The landlords complain the tenants are ruining their land, and that they are not getting a reasonable profit on their money. The tenants complain the landlords will not fix up the farms so that they can make money on them and that they are not making a decent living, all the profits going into the pockets of the landlords. The fault cannot be placed entirely at the door of the tenant or the landlord. The average farm is farmed under a system which will never be found successful—the one crop system. Even where several crops are sold from the farm as grown, instead of being fed to some form of livestock the result is the same sooner or later. The tenant and the landowner have got to come together, co-operate and put in some kind of livestock, or several different kinds.

I know of one landowner here in Oklahoma who has tried it. The livestock included young mules, horses and calves which are bought up and fed to maturity. The crops grown are those which can all be fed on the farm and which are reasonably sure to make—Kafir, maize, cane, etc. The landlord furnishes the work stock and farming implements and one-half the feed. The tenant furnishes one-half the feed and seed and does all the work. They share equally in the crops grown. The owner furnishes the money to buy the livestock and in lieu of the interest on the owner's money the tenant cares for the stock. Each furnishes half the feed required, each shares equally in the profit of the stock when sold. The tenant makes about \$1,000 per year on the average on this 160-acre farm, where the one crop-system farmer would do well to make a living, and the fertility is being maintained.

Foss, Okla. J. A. Chappell.

Fat Profits from Mushrooms

A crop of mushrooms worth \$2,000 is the return George Hofstra received last season from a concrete building, 25 by 28 feet in size—his mushroom factory, as he calls it. Mr. Hofstra has a 5-acre poultry farm a few miles from Leavenworth, Kan., and he went into the mushroom business as a side line. Now the mushrooms have almost eclipsed the chicken business and there is some danger of poultry and eggs becoming the side line.

This mushroom plant cost \$1,200. The building furnishes 5,000 square feet of space for the mushroom beds. It is fitted with a hot water system to regulate the temperature. The beds are prepared in the fall and last year Mr. Hofstra spent \$120 for as many loads of manure with which the beds were filled. Fresh manure is required each season. The spawn for a season's "seeding" cost \$100.

The crop was ready for picking a few months after the beds were prepared and the harvest continued from December to May, or about five months. The entire output for the season was 5,000 pounds and the average price received was 40 cents a pound. The best day's pick was 84 pounds, amounting to more than \$30 when sold. Some of the plants are sold locally, but Chicago furnishes the market for most of the crop.

While Mr. Hofstra has had unusual success with his mushrooms more attempts at this industry have turned out to be failures than successes. Mushroom growing is a very particular job and requires more painstaking care than most people are willing to give it. Moisture and temperature conditions must be just so or there will be loss from "damping off," blight or similar troubles. But for the man who will intelligently apply himself to the work there is a big harvest of dollars in mushroom growing.

Road Grading With a Tractor

Mr. Editor—My own experience, and observations of other hog raisers have satisfied me that crossing breeds is unsatisfactory. Still, many intelligent farmers carry this on, thinking that by cross breeding they can produce a more vigorous hog, perhaps never having

tried any other way. Others declare that by cross breeding they can get larger litters, but it is not so much the size of the litter that counts as it is the number of pigs your sow is capable of raising.

I get large litters by selecting gilts that come from good, thrifty sows which have had large, uniform litters. The same rule applies in the selection of a male, and the purebred hog will do it oftener than the grade. After 16 years' experience raising one breed of hogs, I would not go back to the crossbreds even for raising pork. A bunch of hogs, uniform in size and color, will do better, look better, and sell better than a mixed lot with all sizes and colors represented. Pick the breed you like best and when you get a sow that raises good, uniform litters, keep her. Give her good care and you will have no reason for cross breeding.

William Hensel.

R. 1, Alma, Kan.

Where Cross-Breeding Fails

Mr. Editor—With a 25-horsepower I. H. C. gasoline tractor I have graded 20 miles of road in our township at a cost of \$13.50 to \$16.50 per mile. This is much cheaper than it could be done with horses. Some of this road was rough and hilly. I was paid \$1.50 per hour and furnished two men, one for the engine and one for the grader. We averaged about 1 mile of road a day.

Some who have tried road grading with an engine think it is too expensive, but they have used steam engines. The work is hard on an engine and I did it too cheap, it should be worth at least \$2.50 per hour. By grading 1 mile a day at this figure I would still be doing the work for about \$20 less per mile than the same amount of grading could be done with horses.

The engine will pull the grader with all the earth the blade will move. It is not necessary to run the plow ahead. But don't let an agent tell you that an engine will pull two graders. One will give an engine plenty to do. All you need look out for is not to hook into anything that cannot be pulled out, and so wreck your grader. It is a pleasure to stand on a grader hitched to an engine and see it roll a full blade of earth out into the middle of the road, instead of scratching along on the surface as with horses.

Osborne, Kan. R. A. Caruthers.

Which bothers you most, the currency bill or the coal bill?

DE LAVAL CREAM SEPARATORS

SKIM CLEANEST
TURN EASIEST
ARE SIMPLEST
MOST SANITARY
LAST LONGEST
The De Laval Separator Co.
New York Chicago San Francisco

Only \$2 Down
One Year to Pay!
\$24

30 Days' Free Trial
ALBAUGH-DOVER CO.
2275 Marshall Blvd. CHICAGO

Pump—Grind—Do all power work with a 4-H. P. Vertical

FARM CUSHMAN
All Purpose Engine

4-Cycle, Weight 150 lbs. Does all work a 1,000-lb. engine can do. 10-year guarantee. Also 6-h. p. up to 20-h. p. Special Heavy Duty Engines. Get catalog and "trial offer."

Poultry Magazine
Big 20 to 40 page illustrated monthly magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 805 Jackson, Topeka, Kan.

One Hundred Dollars For One Idea Short Courses in Agriculture and Dairying At the Kansas State Agricultural College, Jan. 6 to March 19

A manufacturer recently paid an employee one hundred dollars for one suggestion. Why should not one thousand Kansas farm boys attend the Short Course at Manhattan where they may get a thousand ideas about farming for a good deal less than one hundred dollars?

Farmers' Short Course
Includes instruction in Crops, Stock Feeding, Farm Dairying, Poultry, Orchard, Fertilizers, Stock Judging, Stock Breeding, Farm Carpentry, Gardening, Blacksmithing, Farm Mechanics, etc.

Creamery Course
Includes instruction in Creamery Management, Handling Cream, Making Butter, Cheese Making, Refrigeration, Ice Cream Making, Dairy Mechanics, Judging Dairy Products, Milk Production, etc.

Courses open for young men over seventeen years of age with a fair common school education. Students not admitted after January 13. All should be here not later than January 8. Send for illustrated pamphlets. Correspondence Courses Offered H. J. WATERS, Pres., Box D, Manhattan

Blanket Bargains from Sears, Roebuck and Co.

For years we have been building a reputation on the high quality and remarkable value of our blankets and robes. This year we cap the climax with greater values than we have ever before been able to offer. At the right we show two representative bargains from our complete line which is fully described and accurately illustrated in our new special catalog of harness, blankets, robes, etc.

Whatever style, size or color of blanket or robe you want, you will find it in this book and at a price that cannot be duplicated elsewhere. For your own protection do not buy any blanket or robe anywhere without first comparing our values.

Money-Back Guarantee

From our "Little Dan" stable blanket made of burlap, at 73 cents, to our very heaviest all wool fawn blanket at \$8.75, every one of the seventy-five or more styles offers you absolutely the utmost for every dollar we ask. And every one of these blankets, from the cheapest to the most expensive, is guaranteed to satisfy you perfectly—to represent full value for every cent you have paid—to give the service you have a right to expect, or you may return it and we will exchange it for exactly what you want or will return your money, including any transportation charges you paid. This guarantee is backed by Sears, Roebuck and Co., the largest mercantile establishment in the world, and protects you against disappointment.

Don't Buy a Blanket or Robe Until You Read This Free Book

In addition to the finest and most complete line of blankets and robes ever offered direct to the consumer, you will find in this beautiful catalog an extensive line of famous Williams' quality single and double harness, saddles, bridles, collars, pads, trimmings, harness makers' tools, whips, bits, etc., all sold at prices that have made Sears, Roebuck and Co. famous throughout the world as the Farmers' Bargain Center.

Mail Postal Card Today—Save Many Dollars

It costs you only one cent for a postal card to get this special catalog; many pages printed in natural colors; every page telling a story of big values which will surprise and please every horse owner. No matter what other catalogs you have—regardless of what offers have been made to you on blankets, robes and the other merchandise listed in our book, you cannot afford to buy even a dollar's worth of merchandise until you compare with the offers we make. This book is gladly sent free, postpaid. Please request our Harness and Saddlery Book No. 65M44

Sears, Roebuck and Co., Chicago

JUST OUT!

Improved Automatic Combination Tool—12 tools in 1—for farmers, teamsters, mechanics, mill-wrights, shops, factories, etc. Double acting—automatic. Simple, safe, strong, sure. Sold under a positive, binding guarantee.

Agents \$2000.00 to \$4000.00

A YEAR
Our brand new selling plan makes success certain. Brayer, Minn. sold 23 in two days—profit \$77.05. Big field everywhere, because nothing like it. Write today for 22-inch picture of tool, in colors, general agents' discount, territory, offers, selling helps, etc.
HARRAH MFG. CO.
Box 101, Bloomfield, Ind.

FITZ SAYS "Occasionally you meet a man who is so good that he's good for nothing."

FITZ OVERALLS

The "feel good" brand—the kind of work clothes that makes the work easier. Worn wherever there is work to do. On the farm, in the factory, outside and in, you'll find satisfied workmen wearing FITZ.
Burnham - Munger-Root Dry Goods Co.
KANSAS CITY, MISSOURI.

20 CHRISTMAS POST CARDS 10c

Our mammoth Surprise Package of 20 loveliest Christmas Art Post Cards, in beautiful colors and exquisite gold, embossed designs, all different, and large illustrated farm and home magazine three months for only 10 cents. Address Valley Farmer, Desk 10, Topeka, Kansas

84x90 - \$2.50
90x96 - \$3.10
Value, \$3.25 to \$4.00

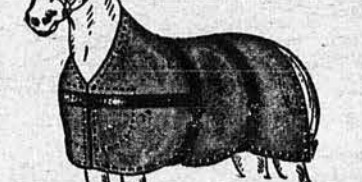


Improved "Apache" Square Horse Blankets.

Combines all the good qualities of a wool blanket at one-half the price. Special attention paid to the weaving, which renders them very warm, strong and serviceable. Dark gray blanket with fancy border and body stripes. Average retail price, about \$3.25 to \$4.00. Two sizes.

No. 10N16418 1/2 Size, 84x90 inches. Shipping weight, about 9 pounds. Price, each\$2.50
No. 10N16417 1/2 Size, 90x96 inches. Shipping weight, about 11 pounds. Price, each\$3.10

Another Bargain Our Price, \$1.40



"Roswell" Burlap, Fabric Lined Stable Blanket.

One of our great bargains at \$1.40 for a full lined stable blanket. Short stay and two surcingle. The average retail price of this blanket would be about \$1.95. Size, 76 inches long. Shipping weight, about 7 pounds. No. 10N15533 1/2 Price, each.....\$1.40

Important Announcement

Every Kansas Reader of the Farmers Mail and Breeze Invited to Enter Our Big Prize Contest

We desire to call the special attention of all of our Kansas readers to the large advertisement regarding our big subscription contest which appears on another page of this issue.

The contest has just started and will close at midnight, Feb. 14, 1914.

Our purpose in launching this Contest is to secure the aid of as many as possible of our readers in increasing the circulation of the Mail and Breeze. Hundreds of our subscribers have already done good work in the past by getting up clubs of a dozen or more subscribers in order to earn some of the many beautiful premiums we have offered for such service, but this is by far the greatest Grand Prize Contest ever conducted on the Mail and Breeze. We are not only going to permit every subscriber who desires to do so to enter this contest and secure a chance for one of the Grand Prizes, but we are going to make it decidedly worth while for every subscriber who can possibly do so to go into this contest work and devote to it their whole time.

We want you to secure subscriptions for the Mail and Breeze at the regular price of \$1.00 for each one-year subscription, and \$2.00 for each three-year subscription. We are going to make it especially easy for you to do this work by supplying you with an unusually liberal clubbing offer to present to each subscriber.

Every one-year subscription which you secure will count for you 1,000 points in the Contest, and every three-year subscription will count 3,000 points.

The five contestants having to their credit the greatest number of points at the close of the contest on Feb. 14, 1914, will be awarded the five Grand Prizes as follows:

First Prize, \$1850 Five-Passenger "Stoddard-Dayton" Touring Car, Fully Equipped.

Second Prize, \$300 "Melotone" Piano.

Third prize, \$200 Columbia Grafonola Outfit.

Fourth Prize, \$30 Gold Watch, Lady's or Gentleman's Size.

Fifth Prize, \$20 Eastman Kodak.

All prizes will be carefully packed, guaranteed to be absolutely as represented, and to reach the contestant in perfect condition, freight prepaid.

As an extra special inducement for early and fast work in this Contest we are going to award 10,000 free points to all who clip and mail to us within two weeks the free entry coupon as published in the illustrated announcement which appears in this issue.

Furthermore, we will allow all contestants a straight cash commission of 25 per cent on all subscription money they collect. This means that you keep out as your pay 25 cents from each \$1.00 subscription and 50 cents from each \$2.00 subscription. You collect for each subscription as it is taken, deduct your commission, enter the names on the special blanks which we will provide and then send the remainder of the money to us. Every subscription will be entered to your credit according to the table of points given above. If you secure only 5 three-year subscriptions a day you will be making a salary of \$2.50 a day, or about \$75 a month. We believe you will find it easy to do this and probably a whole lot better. But if you can maintain an average of \$2.50 a day net profit you will be able to accumulate a big bank account during the three months that this contest runs and will also stand a most excellent chance of coming out far in the lead and winning the big touring car offered as First Prize.

Every prize offered in this contest is a most desirable prize, and is guaranteed to be absolutely as represented. And the commission which we pay you positively eliminates every element of risk so far as your time and effort are concerned, and in addition to this big 25 per cent commission we give you an equally fair and square chance with all other contestants for the Big Automobile or one of the other Four Grand Prizes.

This Announcement is published first in the Mail and Breeze as we want to give our readers first chance to enter in the contest for one of these big prizes. You have just as good a chance to win as anyone else. You do not have to have experience as a subscription agent in order to succeed in this work. You can work among your friends and neighbors, or you can go into any other town or country district that you desire—no restriction as to territory, just so you work in the state of Kansas. The Mail and Breeze is such big value at the low subscription price that you will have no trouble in securing subscriptions when you show the sample copies of the paper. And then when you present the attractive clubbing proposition which we authorize you to offer, you should find it possible to secure subscriptions from at least three out of every five to whom you present the proposition.

Don't think you can't win because you have had no experience. Other big prizes have been won in past contests by men, women, boys and girls who had never previously sold a single subscription. You do not need experience to succeed in this work. All you need is a plentiful supply of enthusiasm and determination. If you have this and will take up this work in earnest you have a mighty good chance to win a big prize.

Read the full details as given in our advertisement, clip the coupon and send it in without delay. You get 10,000 free points to your credit and you get a big start right at the top of the list with the very first contestants entered. Don't wait until tomorrow. Decide to go into this contest to win and act upon that decision now!

The Farmers Mail and Breeze
Topeka, Kansas

ARE YOUR HOGS WORTH SAVING

How much is a hog worth to you? Right now! Would you pay 15c a pig, 30c a shoat, or 40c a hog, to make sure that it won't be cholera that will keep you from taking every pound of your pork to market? Sure you would! And that is just about all it need cost you on the average to insure each and every hog you own. Also, while you're at it, for the expenditure of this small amount per animal, you might just as well get the safest, most thoroughly tested and reliable hog cholera preventative made—



The "101" Hog Serum

We make it down here at the Ranch, in our new and specially built, scientific laboratory. We made it first for our own hogs—in the course of our extensive experimenting and search for a product that we could use to keep Hog Cholera off this ranch. It is a great success and we have it ready now for all our friends among hog raisers everywhere. Don't experiment. It might prove dangerous. Get the serum that experience has proven safe and reliable. Get our "101 Serum." It is absolutely clean and sanitary—made under Federal Regulations by an expert who is devoting his life-work to veterinary science. Every lot tested for purity and potency before we ship a drop of it. It will protect your healthy hogs, or arrest disease in your exposed stock. In many instances "101" has cured infected hogs in the first stages of cholera. You will make no mistake if you order "101." Do it now! Price, only 1-2 cents per c. c. Save those pork profits. Write us today. Get our free book on the Control and Prevention of Cholera. Just address, "Serum Department, Desk A."



CAPS, GLOVES
FREE

OR MITTENS
FREE

High Grade Work

If you will send me a horse, cow, steer or bull hide to be tanned and made into a coat or robe. I do the work at a reduced rate and give you free either a cap, a pair of mittens or a pair of gauntlet gloves. Either one of these goes to every customer who will send me a horse, cow, steer or bull hide to be tanned and made into a coat or robe. I have reduced tanning to a science, having had 35 years' practical experience. I can make better prices on good tanning and finely finished coats and robes than other tanners and yet afford to throw in one of the above. My modern plant also enables me to make these reduced prices and this startling offer.

H. B. MICKLE, President, MICKLE FUR COAT & ROBE CO., MASON CITY, IOWA.

FUNSTEN Pays CASH for FURS!

Funsten Bros. & Co. Will Sell the U. S. Government Seals.

Biggest prices! Better grading! Most money by return mail! We are the largest in the world in our line. The biggest Canadian, American and European buyers are represented at our regular sales. This year we will handle the Government's Alaskan seal output. More buyers and better prices than ever. We sell furs in larger quantities, get more spot cash and pay you more cash than you can get anywhere. Do all our business direct with you. We want \$10,000,000 worth of furs—anything—from one skin up.

Big Money in Trapping Mink, coon, skunk, muskrat, fox, wolf, lynx, white weasel and all kinds of furs wanted for cash. **TRAPS AT FACTORY PRICES**

Funsten Animal Bait Guaranteed to increase your catch or money back. Won Grand Prize at World's Fair in 1904. U. S. Government uses them. One can brought one man \$1,199 clear profit. Only \$1 a can. Write today for free Trapper's Guide, Game Laws and Trapper's Supply Catalog—Fur Market Reports, Funsten Fur Shipping Tags, etc. **ALL FREE.** (41)

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On shipping hides to us you can be assured of honest weights, the highest market prices, and square dealing in every way. We do not charge commissions. Your check leaves our office the same day your shipment arrives. Smith's Fur Price list will soon be out. Send for it and our shipping tags.

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HIGHEST PRICES AND HONEST GRADING!

Ship your hides and furs to me. I charge no commissions and remit promptly same day shipment is received. Satisfaction guaranteed on every shipment. Let me tan your cow or horse hide for a robe or coat. Write today for FREE CATALOG—PRICES LIST AND SHIPPING TAGS.

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Reid's Yellow Dent, Early Maturing, high quality. This year's corn. Buy now while the price is low. Price \$1.50 per bu. Price will raise to \$2.00 per bu. Nov. 20, 1913. Reference, Bank of Rushville, Rushville, Ill. **CHESTER A. DENNIS, Littleton, Ill.**

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The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings. Particular attention given to livestock and poultry illustrations for letterheads, newspaper advertisements and catalogues. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. Write for information.

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By my new, easy plan, anyone over 16 years old can get a brand-new Ford Touring Car for a little easy, respectable work among neighbors. **FREE BOOK** tells all about it—Postal brings it. **SEND. AUTO TOM 620 S. 16th St., Omaha, Neb.**

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The Economy Galvanized Steel Roof is securely nailed to rafters which adds strength to the silo. It is permanent—easy to put on. When connected with a grounded wire protects your silo from lightning. The Economy Roof fits silos of all constructions. Wood, cement, hollow tile, brick or steel. It's cheaper and more durable than wood. Write for illustrated folder.

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often called "Little Wireless Phones for the Ears" are restoring perfect hearing in every condition of deafness or defective hearing from causes such as Catarrhal Deafness, Relaxed or Sunken Drums, Thickened Drums, Roaring and Hissing Sounds, Perforated, Wholly or Partially Destroyed Drums, Discharge from Ears, etc. No matter what the case or how long standing it is, testimony is received showing marvelous results. Common-Sense Drums strengthen the nerves of the ears and concentrate the sound waves on one point of the natural drums, thus successfully restoring perfect hearing where medical skill even fails to help. They are made of a soft, sensitized material, comfortable and safe to wear. They are easily adjusted by the wearer and out of sight when worn.

What has done so much for thousands of others will help you. Don't delay. Write today for our **FREE 168 page Book on Deafness**—giving you full particulars.

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Southern Cattle Go North

Grain, Sheep and Apples Are Higher

BY C. W. METSKER

The cattle market has had a ring of low quality for some time, and that in the prophet eyes of the trade is indicative of changing conditions soon. Chicago, St. Louis and Kansas City have given the appearance of liberal supplies since the middle of September but an analysis of the run shows beef shortage, dry feed shortage, and an opening of new sources of supplies temporarily. Canada is the territory annexed to Chicago, and southeast cotton states to St. Louis and Kansas City. Both have yielded "canners," a few stockers and little fresh beef. Canada has raised a howl against the exportation of stock cattle, and the South has taken its increased demand as an indication of a better and larger production of cattle.

As soon as all these side lines are eliminated, the supply source turns to the established cattle territory with Kansas, parts of Oklahoma and Nebraska, and Missouri unable to be a factor in the beef making before another grass season. Iowa and states east of the Mississippi river will do considerable feeding. For the next 60 days the market will be shadowed by a possibility of weather conditions, a probability of some general liquidation of short fed cattle, and a choppy market.

The complement of conditions such as occurred last summer is that some cattle moved to feeders who are not prepared to stand against market distress, and such lines will be closed out in the next 60 days, in fact some such have already been received. They have had a bearish effect on the market. It now looks as though the feeder who is prepared to weather the next 60 to 90 days is the one who will reap the reward of high prices. In that class will come the meal and cake feeders of Oklahoma, Texas, and the beet pulp and hay feeders of Colorado, and the hay feeders of the Northwest.

Yearlings and Heavy Steers.

The price gap between yearlings and heavy steers is large in favor of the former. That condition has obtained for some time past, the only variation being that heavy steers sold at higher prices when quality was lacking in yearlings. The general explanation is that demand is for light cuts of beef, but in part that is unreasonable for this time of the year. Killers say that this year affords a wide difference between the two, namely, that the beef of the young cattle is juicy, tender, and is showing a good killing percent, while the dry, hot summer worried the heavy cattle, made them slow gainers, toughened the beef, and made cattle show to a disadvantage on killing sheets. But if there is a demand for any class killers will buy freely, and many contend that in a short time the big steers will move to popularity and surpass yearlings in price.

November Closes Canning Season.

With the close of this month the big canning season for meats will be officially ended, though owing to the scarcity of that product packers will put all the suitable meat into cans they can obtain, in season and out of season. A few years ago canned meats were considered fit for soldiers only, but under government inspection this product is assured to be perfectly wholesome, and its general use has broadened materially. Canning cattle this past season have cost \$3.85 to \$5, mostly \$4 to \$4.50, or 20 to 30 per cent higher than last year, and 125 to 150 per cent higher than five years ago.

Open Season for Cattle.

This is the open season for cattle. Under government regulations cattle that are in the section quarantined for Texas fever may be moved to any part of the United States, provided they are clean (free of ticks), after they have been dipped. There are many clean herds and pastures below the quarantine line and they are excellent cattle. If they had to sell as killing cattle their full value would not be realized, but under the "open" ruling they received bids on basis of stockers and feeders. Last week, the first week of the open season, Russell Bilby of Quilman, Mo., took several hundred such cattle to his Missouri farms, and shipments were made to Illinois and Indiana. The open season closes March 1.

Packers Playing the Hog Game.

Packers are making the most of present conditions in the hog market; in fact they are playing the hog game literally, by taking small receipts at higher prices and gathering in the large runs at lower prices. Early last week about 50,000 more hogs arrived at the five western markets than in the same days in the preceding week. And the bulk of them went to packers at 25 to 30 cents lower prices, the Wednesday market showing the lowest level since early in January. Thursday receipts lightened and packers immediately advanced prices, closing trade showing about the same prices as late in the preceding week. The 8-cent quotation was returned on specialties in Chicago, but at other markets \$7.85 to \$7.95 was the best obtainable.

In the late in the week advance packers were bidding for increased supplies next week. The tempers of the owners are

set towards liquidation, in order to avoid expensive feed bills, and a tendency to strength in the market will encourage shipping. Many hogs are coming that show practically no other feed than grass. Heavy and medium weight hogs are selling at a premium over light weights. This month's market will be governed by the extent of general liquidation.

Western Sheep Prices Highest.

Sheep prices at Missouri river markets are higher than in Chicago and the East. The range movement has dwindled to small proportions though showing spasms of liberality. The final shipments will depend on weather conditions. Supplies that have been shipped in former weeks and held in lots near markets for improved prices are clearing eastward and that leaves the East better supplied than the West. Prices in river markets went to the highest levels of the season early last week, but the failure of Chicago to advance caused a moderate setback later. Few feeders are coming, though some big consignments have been made on through billing to feed lots. This winter's feeding seems to be central in Chicago territory and will leave Missouri river markets with a short supply until the hay feds from Colorado and the Northwest begin to move. Some fed sheep will be offered in the next few weeks.

The Movement in 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:

	Cattle	Hogs	Sheep
Kansas City	65,275	58,725	41,000
Chicago	66,500	151,000	168,000
Omaha	19,000	38,500	63,700
St. Louis	26,000	43,000	20,900
St. Joseph	8,200	40,600	32,500
Total	184,975	326,825	326,100
Preceding week	187,325	287,500	400,400
Year ago	129,100	213,900	238,300

The following table shows receipts of livestock in St. Joseph thus far this year compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	387,833	416,406	28,573	
Hogs	1,466,224	1,665,277	199,053	
Sheep	709,272	648,935	60,337	
H. & M.	27,301	35,023	7,722	
Cars	39,046	42,037	2,991	

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	1,857,548	1,627,219	230,329	
Calves	162,362	171,990	9,628	
Hogs	2,122,279	2,070,471	51,808	
Sheep	1,818,703	1,914,547	95,844	
H. & M.	70,206	63,825	6,381	
Cars	109,981	102,783	7,197	

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year, compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	957,986	959,308	1,322	
Hogs	2,120,623	2,079,225	41,400	
Sheep	840,294	925,012	84,718	
H. & M.	126,590	139,622	13,032	
Cars	66,480	66,661	181	

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

	Cattle	Hogs	Sheep
Per 100 lbs. 1913 1912			
Chicago	\$11.25 \$11.00	\$8.25 \$7.80	\$6.45 \$6.00
Kan. City	10.00 10.85	7.90 7.75	6.25 6.25

Increased Receipts of Horses.

Increased receipts of horses and mules last week weakened the market some, though prices were not generally lower. Some medium and plain workers were quoted off \$5 a head. Larger supplies are attributed to the slack season on the farm and in the next three weeks the largest runs of the season are expected, and then trade will fall off towards the holiday season.

Higher Grain Prices.

Continental markets this week showed higher prices and that stimulated active buying of futures in domestic markets, in hopes that some export demand would swing this way. The advance in futures carried cash wheat prices up some, but the high position was not fully maintained. The slight advance in prices together with better weather increased receipts to primary markets and also in Canada. The Canadian crop this year is 8 million bushels larger than last year and the quality is good. Corn prices Friday advanced 1 1/2 to 2 1/2 cents as the result of light supplies, and fractional advance on Argentine corn in Liverpool, which if maintained will direct the surplus of the South country to the continent.

However, the movement of new corn is at hand and prices are expected to weaken under increased supplies. B. B. Snow's crop report makes the acreage of corn entirely abandoned 4,333,000 acres, leaving 102,970,000 on which some corn was raised. The acre yield on this area is reported at 23.1 bushels, indicating a crop of 2,387,000,000. Old corn remaining in farmers' hands is estimated at 4.1 per cent of last year's crop or 131 million bushels. Oats prices were fractionally higher in sympathy with other grains.

Seed and Feed Prices.

Seed—Alfalfa, \$7.50@9 a hundred; clover, \$8.50@10.50; flaxseed, \$1.12@1.14 a bushel; timothy, \$1.75@2.50 a bushel; cane seed, \$2@2.25 a hundred; millet, \$1.50@2; kafir No. 2, \$1.54; No. 3, \$1.50@2.
Feed—Barley, 55¢@58¢; bran, \$1.52@1.53; shorts, \$1.15@1.25; rye, No. 2, 62¢@62 1/2¢; corn chop, \$1.48.

Unsettled Broom Corn Market.

Sales of broomcorn reported the past week ranged from \$50 to \$150 a ton. The low priced kind was rain stained and damaged some, and the high price was paid for warehouse stock. Between those two prices is the market, quality being the price determiner. Low grade damaged corn is not wanted at any prices. Manufacturers show no disposition to buy above immediate requirements. Prices generally are quoted weak.

Apple Prices Higher.

The record cold snap late in October is said to have caught orchardists in the process of gathering this year's crop, and severe losses were sustained from freezing. Consequently prices for apples are 50 to 75 cents a barrel higher than 10 days ago and few are being offered. A large per cent of the good stock is moving into the warehouses in expectation of higher prices later. Northwest apples are arriving in bushel boxes, though the native crop is being shipped in barrels and prices quoted for sound stock are \$3 to \$6 a barrel.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
	1913 1912	1913 1912	1913 1912
Chicago	31 1/2 32	32 27	10 1/2 10
Kan. City	30 32	33 28	10 9 1/2

Butter, Eggs and Poultry.

Elgin, Nov. 10.—Butter this week is firm at 31 cents.

Kansas City, Nov. 10.—Prices this week on produce are:

Eggs—Firsts, new white wood, cases included, 33¢ a dozen; seconds, 22¢.
Butter—Creamery, extras, 30¢ a pound; firsts, 28 1/2¢; seconds, 27¢; packing stock, 20¢.

Live Poultry—Broilers, 12¢ a pound; spring chickens, 10¢@11¢; hens, No. 1, 10¢; No. 2, 8¢; young roosters, 10¢; young turkeys and turkey hens, 14¢; young ducks, 12 1/2¢; geese, 9¢.

Rabbits—No. 1, \$1.50 a dozen; No. 2, 60¢ a dozen.
Potatoes—Minnesota Red River Ohio 84 @ 88¢; Minnesota Rurals and Burbanks, 70 @ 75¢; western, 75 @ 78¢.

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By manufacturing this book ourselves and printing a very large edition we are enabled to distribute these books, free and postpaid, among our readers on the following offer: One book given to all who send 25 cents to pay for one new, renewal or extension subscription to Capper's Weekly (formerly Kansas Weekly Capital). Two books given to all who send 50 cents to pay for a three years' subscription. Send in your own subscription or the subscription of a friend and get all the interesting facts about the great Panama Canal. Address Capper's Weekly, 204 Capper Bldg., Topeka, Kansas.

Care of Silage After Filling

Immediately after filling it I covered my silo with roofing paper, letting it lap three inches at each seam. This I covered with one foot of straw. There will be no loss of ensilage if fixed in this way.

W. E. Files.

La Monte, Mo.

Correct.

The frost is on the pumpkin, all right, says the Kansas Industrialist, but all self-respecting fodder is in the silo.

Efficiency?

With a fine, hearty flourish the board of administration has "instructed" W. S. Gearhart, state highway engineer at the Agricultural college, to begin a correspondence course of instruction in highway engineering.

Wasn't that thoughtful? Inasmuch as the regents of the college approved the same course more than two years ago—and it has been in operation ever since—Mr. Gearhart probably will have no difficulty in living up to orders.

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GOMBAULT'S
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The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUSTERY AND FRICTION. Impossible to produce scar or bluish color. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.

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out of your herd and keep it out.
Use Dr. Roberts' Treatment. Apply it yourself. Properly applied, it never fails to stamp out this disease and clean the herd. Saves lives of calves. Write at once to

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The well-known poultry authority, Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of everyone interested in raising poultry. This book, "Tricks of the Poultry Trade," tells three methods of selecting the laying hen: A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 80 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers, etc. All these and many more subjects are fully covered in this great book which we're giving away FREE on this plan:

OUR OFFER: We will give you one year's subscription to our big weekly farm Magazine, Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best Poultry Journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Mail and Breeze, Dept. PC-10, Topeka, Kansas

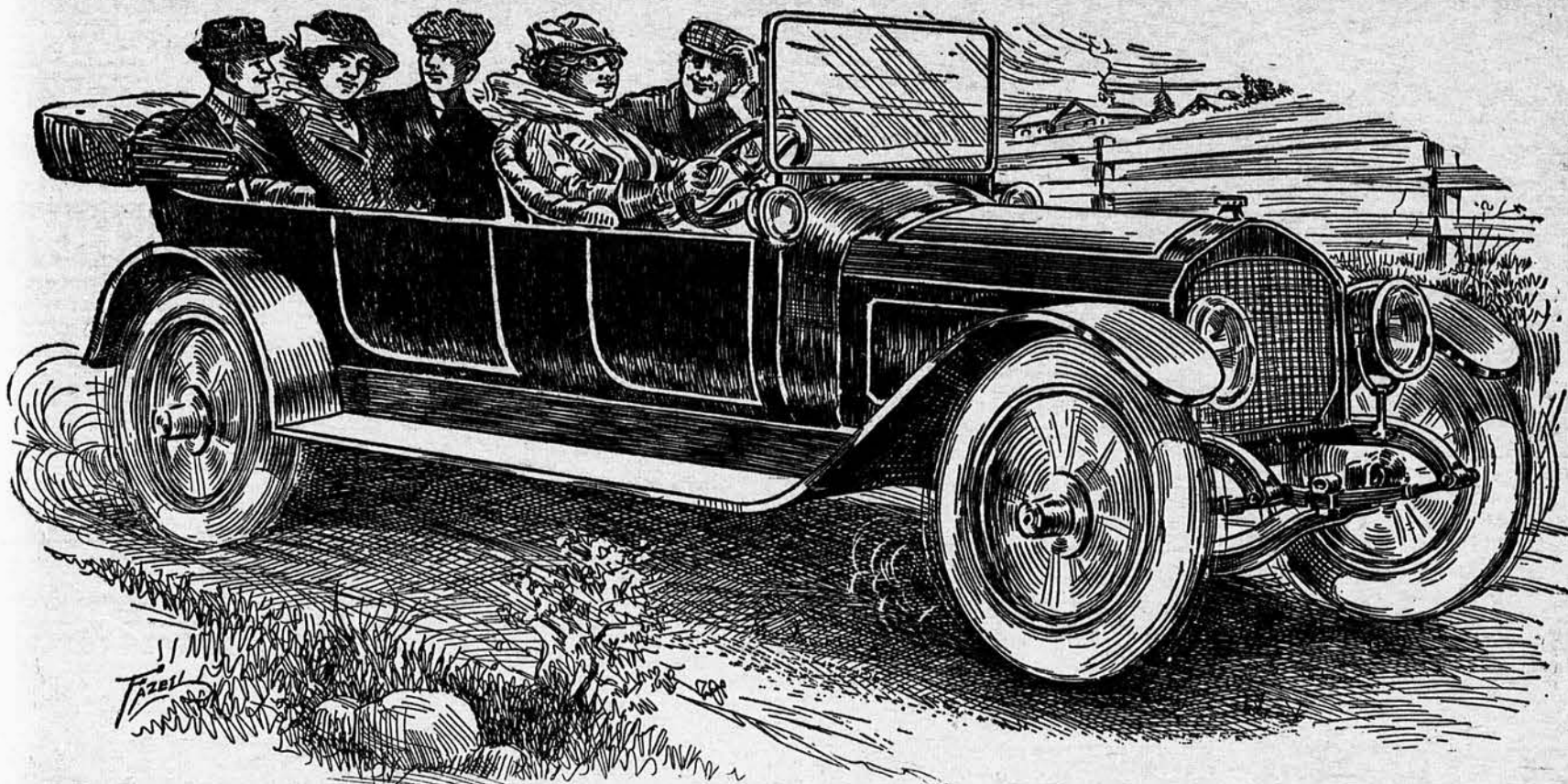
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OUR OFFER: We will give you one year's subscription to our big weekly farm Magazine, Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best Poultry Journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Mail and Breeze, Dept. PC-10, Topeka, Kansas

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How would you like to be the lucky "somebody" who will receive this big \$1850 Touring Car as a free gift on the 14th of next February?

You would like to be that somebody—of course—and it might just as well be you as anyone else.

This isn't one of those once-in-a-thousand something-for-nothing chances that may have been offered to you before. This big car and four other grand prizes, representing a total value of \$2,400, positively will be given away absolutely free by Arthur Capper, publisher of the Mail and Breeze at the close of this contest on February 14th, 1914.

You do not risk the loss of a penny when you enter this contest. It is restricted to the readers of the Farmers Mail and Breeze, and its object is to increase the circulation of this great farm weekly among the friends of those who

are already our subscribers. No one who is now employed as a regularly appointed subscription representative of the Mail and Breeze will be allowed to enter this contest. It is for the subscribers only.

We want you to devote whatever time you can spare to the work of helping us introduce the Mail and Breeze among all those in your neighborhood who are not now subscribers, and also help us secure renewal and extension subscriptions from those already on our subscription list.

We don't ask you to work for nothing. In addition to awarding these Five Grand Prizes to the five contestants who secure the most subscriptions between now and February 14th, we are going to pay you a liberal cash commission on every new, renewal, or extension subscription which you secure. This commission will amount to a good salary for all the time you devote to the contest, whether or not you win a prize.

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Second Prize, \$300 Melotone Piano.

Third Prize, \$200 Columbia Grafonola Outfit.

Fourth Prize, \$30 Gold Watch.

Fifth Prize, \$20 Eastman Kodak.

In addition to these prizes we pay each contestant a cash commission which

should add several thousand dollars to the awards which are to be made during this contest.

Don't think because you have only a few hours of spare time to devote to this work that you have no chance to win. If you can put in only an hour or two each day in this work you should earn a lot of money between now and February 14th from your cash commission alone and should stand a mighty good chance of heading the list as winner of the Automobile!

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It will cost you absolutely nothing to enter this contest. We send you complete outfit of sample copies, subscription blanks, return envelopes, etc., free and postpaid. There is not a cent for you to risk and we pay you well for every subscription you secure.

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Right now is the time to send in your name and get complete outfit and start securing subscriptions from your neighbors and friends right at the beginning of the contest. You have until February 14th to secure subscriptions, and even if you put in only an hour or so each day you should have a big subscription list to your credit by that date. Sign your name and address to the accompanying coupon, mail it at once, and we will enter you in the contest with a credit of 10,000 free points. We will give you full instructions how to work for the big prizes and will send illustrations and descriptions of all the prizes, with full information regarding the rules, etc. Clip the coupon and send your name today. Start now at the very beginning of the race and secure this big touring car as a free gift on February 14th. Address

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HAMPSHIRE hogs for sale. All ages. Will Woodruff, Kinsley, Kan.

REGISTERED Guernsey cattle to sell. John Bogner, Mt. Hope, Kan.

DUROC-JERSEY boars and Scotch collie dogs. Fred Kucera, Clarkson, Neb.

DUROC PIGS \$10 to \$20; larger numbers less. Coppins & Clemmer, Potwin, Kan.

STANDARD bred colts and fillies. Priced low. Max J. Kennedy, Fredonia, Kan.

100 PUREBRED Durocs, from weanlings up, cheap. Arthur H. Bennett, Topeka.

FOR SALE—March to May Galloway bull calves. W. W. Dunham, Silver Lake, Kan.

LARGE TYPE Duroc-Jersey boars, immuned, \$35; crated. Chester Thomas, Waterville, Kan.

LARGE TYPE Polands, up-to-date breeding. A few extra March boars. A. A. Meyer, McLouth, Kan.

HOLSTEIN calves, either sex, beautifully marked, \$20.00 each, crated. Edgewood Farm, Whitewater, Wis.

FOR SALE—Twelve registered Duroc spring boars, tops, immune from cholera. E. N. Farnham, Hope, Kan.

FOR SALE—40 head of 2-yr.-old mules or want to let them out to winter by the month. G. W. Hall, R. 1, Altoona, Kan.

FOR SALE OR TRADE—German Coach stallion, Bird Pup, for cattle or hogs. Thamel Morrow, Norman, Okla., R. No. 2.

HIGH GRADE Holstein bull 6 months old \$35. A few heifers two to three weeks old \$15 each. Burr Oak Farm, Whitewater, Wis.

FOR SALE—2 good jacks, 6 and 8 yrs. old; black, white points; sound and broke; priced to sell. Write W. J. Hufty, Bowling Green Mo.

SACRIFICE SALE on Duroc breeders, both sexes, from one of the best herds in the state. Ready for full service. J. N. Brown, Arlington, Kan.

HOLSTEINS. Two choice high grade heifers and three cows, bred to fine registered bull, to freshen this winter. W. B. Van Horn, Overbrook, Kan.

REGISTERED Polled Shorthorns and Poland Chinas at bargain prices for 60 days. We solicit inspection of our herd. Banbury Stock Farm, Pratt, Kan.

FOR SALE. Shorthorned herd bull. Bred by S. C. Hanna, Howard, Kan. Calved June 30, '09. Sire Imp. Collynie. Service guaranteed. R. O. Furneaux, Moran, Kan.

FOR SALE—Beauty's Pride of Garfield (18537). Pure bred Guernsey bull three years old, good color, good disposition, and calves nicely marked. Price \$200. J. H. Lower, Edna, Kan.

JERSEY BULL, registered, yearling, solid color, sire brother to \$15,000 Noble of Oaklands, dam a large producer. Blue ribbon winner. Price \$75.00. Jas. S. Taylor, Iola, Kan.

REGISTERED Holstein bull, three-fourths white, two years old, of good size and exceptionally good breeding. For price and pedigree write or see Wiebe Brothers, Lehigh, Kan.

13 MARRIAGE MULLEY bulls at 1/2 price. Registered Shorthorn and Red Polled cows \$65.00 each; also 80 head of extra fine steers. Trained collies for sale. Jno. Marriage, Mullinville, Kan.

FOR SALE.

SWEET CLOVER. T. Mardis, Falmouth, Ky.

HEDGE posts for sale in car lots. H. W. Porth, Winfield, Kan.

WRITE us for prices today. E. R. Boynton Hay Co., Kansas City, Mo.

FOR SALE—Red cedar posts at 9 and 11 cts. W. P. Waters, Pyatt, Ark.

ALFALFA HAY in car lots. Write or wire for prices. Geo. R. Wilson, Lamar, Colo.

FOR SALE—Best paying hardware and implement business in city of Topeka. 825 N. Kan. Ave., Topeka.

HEDGE POSTS for sale cheap. Carload f. o. b. "Frisco," Opolis, Kansas. Sizes and lengths to suit purchaser. V. Hughes, Asbury, Mo.

SEVEN passenger 60 horse power Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought for \$1,500. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. Call or address Mr. Wilson, care Topeka Capital, for demonstration.

FOR SALE.

RICE, RICE. Direct to consumer, the finest grown in America. Not sold in stores. Write for prices. Consumers Rice Company, Houston, Texas.

ENGAGE in new profitable industry. Fur farming. Skunk, mink, fox, muskrat, otter. Complete details \$1.00. Circular free. A. M. Kauffman, Lockridge, Iowa.

TOBACCO. I have thousands of pounds of fine old Kentucky chewing or smoking tobacco; 30 cts. per pound, postpaid. Chas. T. Daniel, Owensboro, Ky., Dept. E.

FOR SALE OR EXCHANGE.

FARMS FOR SALE or trade in Montgomery and adjoining counties. Address Jesse W. Canine, Crawfordville, Ind.

TO EXCHANGE—180 acres in Arkansas, level prairie, hay and stock farm, good improvements, no rock, value \$8,000, terms. For improved western Kansas wheat land. Would sell. Frank McHugh, Charleston, Ark.

LANDS.

80 ACRES for sale. Address owner, Joe Shaw, Clyde, Kan.

IRRIGATED farms for sale or trade. Oil lands \$20 acre. Kaiser Bros., Dayton, N. Mex.

FOR SALE—Fine improved 320 acre farm, valley country. A. E. Charlton, Arcadia, Neb.

DO YOU WANT a good half section homestead? Write H. K. Haynes, Burlington, Colo.

FOR SALE—Improved quarter fourteen miles Wichita, \$8,500. Address Joe Williams, Augusta, Kan.

EXCHANGES: 1,000 farms, mdse., etc., everywhere. What have you? Reldy & Overlin, California, Mo.

2 GOOD small farms for sale cheap. Located at Rockmart, Polk county, Ga. Address S. Y. Allen, Kathleen, Fla.

FOR SALE—600 acres of land partly improved north east La. Reason for selling want offer. E. S. Pike, Liverpool, La.

FOR SALE—230 acres St. Clair county, Missouri; 125 acres bottom; \$30 acre, easy terms. Altman Bros., R. 6, Olathe, Kan.

BUY from the owner. 80 a. all No. 1 alfalfa land, well located. Write for price and description. L. B. Allee, Sedgwick, Kan.

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

FOR SALE—Well improved 240 a. farm at a bargain. Reason, failing health. Address owner, A. Kruckenberg, Nashville, Kan.

DELAWARE is a good state to live in; land is good for fruits, grain and livestock. Free pamphlet. State Board of Agriculture, Dover, Delaware.

FOUND—320 acre homestead in settled neighborhood; fine farm land; no sand hills. Cost you \$200, filing fees and all. J. A. Tracy, Kimball, Neb.

FOR SALE CHEAP. Section of land near town; 180 acres in cultivation and planted to wheat; balance grass. Address P. O. Box 312, WaKeeney, Kan.

FOR SALE OR TRADE for improved—A "U" Colorado cattle ranch. 480 deeded. Good free range. Plenty water. W. S. Mitchell, Box 444, Colorado Springs, Colo.

MR. RENTER—or salary man, I have some southeast Missouri land to sell on easy payments. Plenty of rain, good soil, healthy, close to market. S. B. Vaughan, Newton, Kan.

ARKANSAS LAND FREE. 500,000 acres government land now open to settlement. Booklet with lists, laws, etc. 25c. Township map of state 25c additional. L. E. Moore, Little Rock, Ark.

GOVERNMENT LAND: map showing location of 200,000 acres in north Arkansas subject to homestead, 25c. Bold springs of pure water; no negroes; no mosquitoes. Lock Box 381, Dept. A-2, Harrison, Ark.

BARGAIN. 120 acres, 40 reservoir shares, other water rights; also stock and machinery go with place, and crops if taken at once. \$14,000.00, half cash, balance on ten years' time. Don't miss this. Write at once. Thomas Hubbard, Mesa, Colo.

ADVERTISE YOUR PROPERTY in Capper's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only 8c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

PRACTICAL experienced farmer with sufficient capital to engage in trucking, can learn of opportunity to secure acreage near Jacksonville—rent free for three years, with option of buying during that time at today's price, \$45.00 acre, no interest. Address, "Nooney, Owner," 411 St. James Bldg., Jacksonville, Fla.

320 ACRES of rolling land 10 miles northwest of Greensburg, Kan. 250 acres in cultivation, and about 180 acres in wheat. Rented for 1/2 of crop. Will grow any crop, and make the owner money. \$8,000.00 and worth the price. Will carry \$4,000.00 and take balance in good western land, or stock of goods. Chas. E. Sturdevant, Lewis, Kan.

LANDS.

OREGON STATE PUBLICATIONS FREE—Oregon Almanac, Oregon Farmer and other official books published by State Immigration Commission, telling of resources, climate and agricultural opportunities for the man of moderate means. Ask questions—they will have painstaking answers. We have nothing to sell. Address Room 67 Portland Commercial Club, Portland, Ore.

PATENTED state school land. Opening sale first allotment November 15th. One-twelfth cash, balance ten years' time. Located near Southern Pacific railroad, only 32 miles from Houston. Ample rainfall; good markets. Big crops corn, cotton, potatoes, fruit, vegetables. Free Texas map and particulars. Write Dr. C. H. Walters, Trustee, 422 First Nat'l Bank Bldg., Houston, Texas.

COTTON AND CORN farms in famous Crosby district, near Houston, for sale on terms of only one-eighth cash, balance seven yearly payments. 40, 80, 160 acres up. Rich black loam soil. Prairie land well drained; will grow bale of cotton or 75 bushels corn per acre. We own a few hundred acres. Will sell on these extremely liberal terms at \$40 an acre. Write at once for full particulars to C. W. Hahl & Co., 1003 Commercial Bank Bldg., Houston, Texas.

FOR SALE on easy terms. First class stock farm in Rice Co., Kansas, containing 161 acres, 100 acres broke, balance pasture, good 6 room house, barn for six head of horses, granary, chicken house and hog sheds, never failing water at well, with good spring never known to go dry, place fenced and cross fenced with farm land in first class shape; good place for a stockman to make money; situated 5 miles from two good trading points; have telephone and rural service. Price \$10,000. \$4,000 cash, balance long time 6%. Rocky Springs Stock Farm, Lyons, Kan., R. No. 6.

FARMS WANTED.

WANTED FARM LANDS. For quick results state price and description in first letter. Western Sales Agency, Phoenix Bldg., Minneapolis, Minn.

FARMS WANTED. We have direct buyers. Don't pay commissions. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

BUSINESS CHANCES.

FOR SALE or trade. Gallery. A photographic in Topeka, Kansas. Has shown net profit of \$1,800 to \$2,400 per year for 10 years. An excellent opportunity. Information on request. Address Studio, Care Mail and Breeze.

A GOOD FARMER and livestock man wanted to buy all or one-half interest in eighty head of cattle and twenty head of young horses and mules and rent a first class ranch of 1600 acres. Well improved with plenty of water, alfalfa and good pastures. Plenty of feed on the ranch to winter stock in good shape. A snap for someone with a little capital. For information, address Wood Inv. Co., Iola, Kan.

FREE FOR SIX MONTHS—My special offer to introduce my magazine "Investing 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 progressive 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.

SEEDS AND NURSERIES.

WANTED TO BUY—200 bushels alfalfa seed. Ernest Rusck, Norfolk, Neb.

FRUIT TREES. Shades. Ornamentals, berry plants. Waverly Nurseries, Waverly, Kansas.

ALFALFA SEED 98% good. Write for samples and price. Jake Bomberger, Americus, Kan.

SEED CORN—I have some Boone County White. Write for prices. B. A. Nichols, Hutchinson, Kan.

FETERITA. Pure, clean seed, 20 pounds \$1.00; 50 pounds \$2.00; 100 pounds \$3.50. Charlie Clemmons, Anadarko, Okla.

PATENTS.

PATENT YOUR IDEAS—They may bring you wealth; 64-page patent book free. W. T. Fitzgerald & Co., 816 F St., Wash., D. C.

SEND FOR FREE BOOKLET. All About Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 500 C Victor Bldg., Washington, D. C.

PATENT WHAT YOU INVENT. It may be valuable. Write me. No attorney's fee until patent is allowed. Estab. 1882. "Inventor's Guide" free. Franklin H. Hough, 532 Loan & Trust Bldg., Washington, D. C.

TYPEWRITERS.

TYPEWRITERS, all makes, all prices, guaranteed same as new. Will ship for trial. Crane & Company, Topeka, Kan. "45 years in business." Ask for Catalog "B."

DOGS.

DOGS—White Spitz - beauties, Sunnyside Farm, Havensville, Kan.

SCOTCH COLLIES—Females for sale. J. C. Starr, Vinita, Oklahoma.

BLOODHOUNDS—Registered English. Kennedy's Kennels, Fredonia, Kan.

FOR high class trail hounds and grey hounds send 2 cent stamp to Rash Bros., Centerville, Kan.

WANTED—Nice white Eskimo-Spitz puppies under eight weeks old. Brockways Kennels, Baldwin, Kan.

50 FOX TERRIERS, all ages, bred or open females. Best rat, pet or watch dog. T. H. Kaldenberg, Pella, Iowa.

FOR SALE—Scotch collie pups, from trained stock. Sable and white. Half grown. G. E. Thamer, Sylvan Grove, Kan.

FOR SALE—Ferrets and rabbit hounds, and Japanese midget ferrets. Stamp for reply. Chas. Foster, Wellington, Ohio.

FEEDS FOR SALE.

DAMAGED barley and oats, kiln dried and good feed, for sale in car-lots. Send for information as to what the best feeders think of it. Bargains for quick buyers. Samples on application. This will solve your feed problem. Also screenings for sheep men. C. E. Dingwall Co., Milwaukee, Wis.

AGENTS WANTED.

AGENTS—Novelty knives and razors are lightning sellers. 100% profit. Exclusive territory. Goods guaranteed. Novelty Cutlery Co., 160 Bar St., Canton, Ohio.

AGENTS WANTED to sell standard acetylene lighting plants. The successful farm home light. Do it now. Write Acetylene Factory, Wichita, Kan.

CAN use a few experienced salesmen in Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

AGENTS make \$5 a day selling economy stove lids; wonderful new invention; every woman buys; send 15c for sample or simply name for details. Economy Co., 506 Main, Norton, Kan.

AGENTS WANTED for full line fruit trees and shrubs. Work full or part time, as you prefer. Draw pay every week. We teach you. Outfit free. Lawrence Nurseries, Lawrence, Kan.

\$5.00 TO \$10.00 per day showing your friends the beautiful California shopping or hand bag. A real seller. A pleasure to show. Every woman wants one. A bag given you for a few minutes' work. This will interest any lady who answers. The Ladies Shop, Timken Bldg., San Diego, Calif.

HELP WANTED.

MEN, WOMEN—Get government jobs. \$30.00 month. 12,000 appointments coming. Write for list of positions. Franklin Institute, Dept A 52, Rochester, N. Y.

WILL PAY reliable woman \$250.00 for distributing 2000 free packages Perfumed Soap Powder in your town. No money required. M. B. Ward & Co., 218 Institute Pl., Chicago.

WANTED: Men and women for government positions. Examinations soon. I conducted government examinations. Trial examination free. Write, Ozmest, 38, St. Louis, Mo.

YOU ARE WANTED for a government job. \$65 to \$150 month. Parcels post means many vacancies. Common education sufficient. "Full" unnecessary. Over 12,000 appointments coming. Write immediately for free list of positions, with full description. Franklin Institute, Dept A 52, Rochester, N. Y.

MALE HELP WANTED.

GOVERNMENT FARMERS wanted. Make \$125 monthly. Free living quarters. Write Ozmest, 38F, St. Louis, Mo.

BECOME a railway mail clerk. \$75.00 month. Apply for particulars. Franklin Institute, Dept A 52, Rochester, N. Y.

MEN for electric railway motormen and conductors; fine opportunity; about \$80 monthly; experience unnecessary; no strikes; state age. Address Box F, care Mail and Breeze.

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to start. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-Operative Realty Company, L-157 Marden Building, Washington, D. C.

SALESMEN WANTED.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyers the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plan. F. M. Hitchcock-Hill Co., Chicago.

MISCELLANEOUS.

LEGAL ADVICE on any subject for \$1.00. Leaflet free. The Law Bureau, Wichita, Kan.

POULTRY wanted. Coops loaned free, daily remittances. "The Cope's" Topeka, Kan.

PLACES found for students to earn board and room. Dougherty's Business College, Topeka, Kan.

CAPPER'S WEEKLY, Missouri Valley Farmer or Household one year and nickel plated sugar shell for 25c. Universal Sales Co., 412 W. 5th, Topeka, Kan.

\$350,000 PAID for one play. If you've play or story for sale send it me with one dollar. I'll sell it N. Y. managers or show how make salable. Flora Temple, 339 Adelphi St., Brooklyn, N. Y.

HONEY. Fancy white extracted 60 pound can \$6.00—120 pounds \$11.00. Fancy comb honey 24 pound cases by express \$3.00; 8 cases packed per carrier to go safely by freight \$24.00. Bert W. Hopper, Rocky Ford, Colo.

POULTRY MAGAZINE—Big 40 to 80 page illustrated magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 400 Jackson, Topeka, Kan.

WE PAY THE FREIGHT and send you absolutely free a 6-lb. pair feather pillows as an introduction along with your order enclosing ten dollars for our famous 36-lb. feather bed. New feathers. Best ticking and equipped with sanitary ventilators. Satisfaction guaranteed. Delivery guaranteed. Agents make big money. Turner & Cornwell, Dept. 90, Memphis, Tenn., or Dept. 90, Charlotte, N. C.

HOW FARM RENTERS CAN BETTER THEMSELVES

Before you rent a farm, write me, for I want to tell you of a chance to do so well on a rented farm, that before long you can own a farm of your own.

I am the C. B. & Q. Railroad Man whose business it is to help you get better fixed than you are now, and I can tell you some things about farming and renting farms that will sound mighty interesting.

Do you want to better yourself? That is the question. If yes, write me today and I think I can tell you how to do it. D. Clem Deaver, Room 376 Q. Bldg., Omaha, Neb.

A Winter HOME

IN SUMMER LAND An All-the-year Home in Fruit and Flower Land For the Farmer, Business Man, Manufacturer, Man of Leisure, Tired Man, Retired Man, The Boatman, Fisherman and The Hunter. Soil, Climate, Rainfall, ideal. Come and see. Write us what you want and we will try to help you find it. Illustrated booklets and Facts about Florida FREE.

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CANADA'S OFFERING To The Settler

160 ACRES FARMS IN WESTERN CANADA FREE The American Rush to Western Canada is increasing. In the new Districts of Manitoba, Saskatchewan and Alberta, there are thousands of Free Homesteads left, which to the man making entry in 3 years' time will be worth from \$30 to \$25 per acre. These lands are well adapted to grain growing and cattle raising. Excellent Railway Facilities. In many cases the railways in Canada have been built in advance of settlement, and in a short time there will not be a settler who need be more than ten or twelve miles from a line of railway. Railway Rates are regulated by Government Commission. SOCIAL CONDITIONS. The American Settler is at home in Western Canada. He is not a stranger in a strange land, having nearly a million of his own people already settled there. If you desire to know why the condition of the Canadian Settler is so prosperous write to any of the Canadian Government Agents and send for literature, rates, &c., to

Canadian Government Agent 125 W. 9th St. Kansas City, Mo. or address: Supt. of Immigration, Ottawa, Canada.

Organs, \$15 to \$30. Highest Grade Estey, Mason & Hamlin, Story & Clark, Kimball-C. Cottage & Co. Slightly used; like new. Write today. Jenkins Sons Music Co., Kansas City, Mo. Reference, any bank in Kansas City

LA FOLLETTE'S WEEKLY Tells you fearlessly, candidly, interestingly the inside of public affairs—free to speak the truth and champion the cause of true democracy and equal rights. Regular price \$1.00 per year. We will send you La Follette's 10 WEEKS—10 CENTS if you will send us the names of five persons interested in the progressive cause. LA FOLLETTE'S WEEKLY, Dept. MS, MADISON, WIS.

When Farmers Get Together

This is the get-together age. We want federal regulation and not destruction of our corporations. The final solution will be true co-operation by all the people. Industrial unions will educate the so-called common people and they will own co-operatively the corporations and run them on the principle of equal rights, opportunity and protection to all.

Farmers must get together. They must lay aside prejudice, suspicion and everything which separates them. If two hundred or more farmers around each good town unite in a local union, organize an Equity exchange, build a farmers' elevator, buy and sell co-operatively on our plan, they will show benefits to members which will keep them united. Start a local union at your town. Send for our Equity textbook which explains fully our plan of organization and co-operation. We want one thousand strong links made at one thousand good towns. Then we can reduce the price of farm machinery to our members and also prevent gluts at our central markets. When one thousand of these links are on our plan, each with a good warehouse and financial standing in the business world, the National union can take the entire output of an independent coal mine, of a flour mill, a cordage company, a wagon factory or machine factory of any kind. This is the get-together age, and farmers must learn it. Send ten 2-cent stamps for the Equity textbook, which shows farmers how to get together right. C. O. Drayton.

Greenville, Ill.

Is Feterita Overdone?

Many farmers in central and eastern Kansas who are buying feterita seed, at its present high price, will be disappointed next year, thinks L. E. Call, professor of agronomy at the Kansas Agricultural college. It will not do so well in those sections of the state as well-selected kafir. It is, however, well adapted to the western third of the state, and though grown there only a short time, it appears to be very promising. Professor Call says.

Feterita is a grain sorghum equal or superior to milo, though the fodder is not so good as kafir. The heads of feterita are large and erect, being easily harvested. The grain is larger and softer than kafir and can be fed without being ground. The assertions that feterita is chinch bug proof, are false. It is true that the pests do prefer other sorghums, and the wonderful vitality of the plant enables it to replace the leaves and stalks which are destroyed, but it cannot be considered safe from a chinch bug invasion.

Kansas grew feterita first in 1911 at the Fort Hays Experiment station. Since then, it has been grown in many other parts of the state, and has proved to be unusually drouth-resistant. This sorghum receives the same treatment as kafir, and matures 30 days earlier.

Farmers' State Meeting

Some thought was entertained of changing the date of the State Farmers' institute to some time in January or February. The meeting, however, will be held as usual during the Christmas holidays, the date being from December 29 to January 2.

More than 1,200 persons attended the institute last year. A better program is in preparation for this session. Short courses will be given in corn judging, cooking and sewing, dairying, diseases of animals, fruit judging, gas and steam engines, silo construction and stock judging. Conferences of institute officers, butter makers, cattle feeders, demonstration agents, fruit growers and of men interested in irrigation and good roads, will be held. Men of national reputation will address the institute at the general assembly each morning. The evenings will be devoted to addresses by men of note, and to entertainment of all.

Any Corn to Sell?

Mr. Editor—I need corn, but wish to buy from a Nebraska farmer because of location. A. F. Bergmann. Vermillion, Marshall county, Kan.

NOW, THESE PRICES IN EFFECT!

\$39 4 H.P. 7550
\$49 8 H.P. 4990

1 H.P. \$21.89

OTHER SIZES PROPORTIONATELY LOW



LET me send you a WITTE ENGINE to earn its cost while you pay for it. It's cheaper than doing without one. Ed. H. Witte.

CASH OR EASY TERMS

WITTE ENGINES

Kerosene, Gasoline & Gas

Sold Only Direct from Factory to User. No matter where you live or what work you have that can be hitched to a belt, you can own a WITTE to better advantage than any other engine. Sizes are 1 1/2, 2, 4, 6, 8, 11, 12, 15, 20, 25, 30 and 40 H.P. Styles, Stationary, Portable, Skidded and Sawlogs. Over 27 years in the lead in engine quality. Better now than ever, with prices that can't be beat. No need now to do without a good engine, or to take chances on a poor or unknown one, to get a low price. The WITTE fills the bill.

My Book Free I furnish highest standard engines for prices less than asked for rat-tle-traps. My Free Book explains the inside of engine selling as well as manufacturing. Write today for my Easy Terms Sales Plan. Ed. H. Witte, Witte Iron Works Co., 1546 Oakland A., Kansas City, Mo.

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Must Suit You

You will never know the meaning of real engine economy and efficiency until you study the quiet, smooth, easy running features of

LAUSON FROST KING

Gasoline and Oil Engines

There are more drop forged and case hardened parts on Lawson Frost King Engines than any other. This means an engine as accurate in adjustment, and therefore as economical after five years' use as when new. The Lawson Frost King is built up to a standard, not down to a price. They cost a little more than some others to start with, but a great deal less in the long run. The Frost King trade-mark on an engine is a warranty of long, satisfactory service. Guaranteed—We absolutely guarantee Lawson Frost King Engines to make good on every claim we make for them; also as to workmanship and material. Write NOW for Free Book: "The Power that Backs the Modern Farmer" and name of nearest dealer who will be glad to give you a demonstration of the Frost King without obligation on your part. In writing us, state size engine you need.

The John Lawson Mfg. Co.

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All Types



225-Piece CHRISTMAS SURPRISE PACKAGE FREE

15 Gold, Silver and Holly Embossed Post Cards, All Christmas and New Year Designs—50 Maple Leaf Embossed Stickers—50 Santa Claus Stickers—50 Assorted Stickers, Stamps, Seals, Labels, Etc.—4 Beautiful Holiday Booklets—1 Triplicate Wall Calendar—9 Assorted Gold Embossed Cards, Assorted Sizes—9 Embossed Gift Tags—5 Large Embossed Enclosure Cards—32 Santa Claus and Assorted Stamps.

All FREE On This Great Offer!

Everybody will be using Christmas cards and package stickers during the Christmas season this year. Every Christmas Present that you give should carry an enclosure card or tag with an appropriate greeting, and you will want dozens of little stickers and stamps to go on the outside of packages. This new and popular custom adds wonderfully to the holiday cheer and really makes every gift more valuable and more joyfully received. The 15 embossed post cards included in this collection are standard post card size, printed on fine stock and beautifully embossed in gold and all the Christmas colors and each card carries a Christmas message or a good wish for the New Year. This mammoth collection would probably cost you 50 cents or more at any retail store. By purchasing enough of these goods to make up 50,000 packages, we got a price so low that we are enabled to make the most liberal Christmas Package offer ever known. Last year we did not have half enough packages to supply the demand of all those who wanted them and had to return money to thousands of disappointed subscribers. So if you want to be sure of receiving one of these big 225-Piece Surprise Packages absolutely free, send acceptance at once.

Here is Our Offer We will send you this big 225-Piece Christmas Surprise Package, containing every item listed above, carefully packed, postage prepaid, absolutely free to all who send \$1.00 to pay for one new, renewal or extension one-year subscription to our big farm and home weekly, The Farmers Mail and Breeze. Use the coupon below or copy same wording on separate piece of paper. You can send your own subscription or subscription of one of your neighbors.

FARMERS MAIL AND BREEZE, Dept. 225-A, Topeka, Kansas

CHRISTMAS PACKAGE COUPON

Farmers Mail and Breeze, Dept. 225-A, Topeka, Kan.

I enclose One Dollar to pay for new, renewal or extension subscription to Farmers Mail and Breeze for one year, for which send me free and postpaid one 225-Piece Christmas Surprise Package.

My Name.....

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Special Notice

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

WRITE FOR LIST of Southwest Missouri farms. Noel Realty Company, Noel, Mo.

IF YOU WANT A GOOD FARM try Bourbon Co. Stiers and Kent, Uniontown, Kansas.

WE WANT direct from owners, land listed for sale. Chaney & Company, Topeka, Kan.

LAND IN STEVENS COUNTY, Kansas, on Colmer cut off. Write for prices. John A. Firmin, Hugoton, Kansas.

1,760 ACRES FINE level land. No better investment in Kansas. \$9.50 a. 35 mi. Dodge City. Haines Realty Co., Hutchinson, Kan.

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

GOOD 80 ACRES of nice smooth valley land all in wheat. Price \$4,000. Write for complete description. Box 278, Independence, Kan.

CALL ON farmer's agent for land bargains. Spring and well water. Descriptions given. Terms. Col. G. W. Mitchell, Anderson, Mo.

BARGAIN: 80 A. IMP. 4 miles out. \$3,800. Send for land list. F. C. Libby, Blue Mound, Lin Co., Kansas. J. L. Wilson, Salesman.

GREAT BARGAINS. 153 acres, 88 a. bottom in cult. 10 a. alf. well imp. \$60 per a. Terms on half, cash. 80 a. well imp. \$4,300. No trades. John A. Decker, Valley Falls, Kan.

I CAN SELL YOU the finest farms, not to be excelled anywhere for the price. For alfalfa and grain farms. Stock raising. Descriptions and prices on request. Cash and good terms. H. H. Stewart, Wellington, Kan.

HOG FARM FOR SALE: 135 a., 40 a. alfalfa, 10 a. sweet clover, 40 a. timber pasture and 45 a. farmed. Improved. All hog fence; everything fixed to raise hogs. \$75 per a. Address Box 1, Route 2, Altoona, Kansas.

640 ACRES TIMBER, Dent county, Missouri. Good water and grass. \$10 per acre. Terms. T. N. Castle, Lawrence, Kansas.

FIRST CLASS 800 A. RANCH all fenced, 4 mi. from Ry. sta.; Hays, Kansas, vicinity; 600 a. fine tillable land; 140 a. cultivated; 90 a. alfalfa land 20 ft. to water; fine grass. Large creek runs through ranch; new house, barn, well, hog lots, other improvements. No trades. Price \$25 per a. H. P. Richards, 613 New England Bldg., Topeka, Kansas.

Northeastern Kansas Land

for sale in the famous Bluegrass, Timothy, Clover and alfalfa district, \$50 to \$100 per a. Compton & Royer, Valley Falls, Kan.

Alfalfa, Wheat, Cotton Land

160 acres, six room house, good orchard, good outbuildings, plenty of water, 50 acres alfalfa land; good terms. Price \$50 per acre. 240 acres, 2 sets improvements, 200 acres bottom land, 160 above overflow; fine for alfalfa. Good terms; \$50 per acre. Robert L. Knie, owner, Cordell, Oklahoma.

320 A. Stock Farm

Near Topeka, 4 miles shipping point. 90 acres bottom and slope, balance pasture. 20 acres alfalfa, 5 acres timber, well fenced, living spring water, good dwelling, bank barn and other buildings. Price \$50 per a. Easy terms. W. J. Rickenbacher, 112 W. 6th, Topeka, Kan.

Sedgwick County Farm Bargains

280 acre farm, best of first bottom alfalfa land, improved; one mile of railroad town. \$50 per acre; make a dairy farm. 145 acre farm, all good land; good improvements; a great bargain \$8,500. Good terms. 80 acre Arkansas river bottom farm; alfalfa proposition; well improved, near Sedgwick. \$100 a.

H. E. Osburn

227 E. Douglas Ave., Wichita, Kan.

Farm Bargain

80 acres located 8 miles from Skiddy and 9 miles from Junction City, Geary Co., Kan. 60 acres in cultivation, 8 acres alfalfa, balance pasture and mow land, orchard and shade, limestone soil, lies well and all good alfalfa land, 4 room house, stable, dandy arch cave, hen houses, etc., good water, near school. Phone and R.F.D. Price \$47.50 per acre, terms if desired. I have got to sell and will guarantee to sell far below what anything else of the same quality can be bought for in this neighborhood. Write or call on E. J. Olander, owner, 431 Kansas Ave., Topeka, Kan.

On the Bargain Counter

I want to make a quick turn in my business and for immediate sale will price my 320 acre farm in Greenwood Co., Kansas, at \$25 per acre. There are 100 acres in cultivation, 30 acres meadow, balance rolling pasture. Improvements consist of a 6 room house, frame barn 26x32, granary, hog house, etc., 3 acres orchard, 1 acre catalpa grove. Close to two good railroad towns in German community. Everything ready to step right in and go to making money. Easily worth \$30 per acre. Can carry \$4,000 to \$4,500 back on first mortgage. A real bargain. Write now. Address F. M. M., care Copper Bldg., Topeka, Kan.

CATHOLICS, write T. J. Ryan, St. Marys, Ks.

FOR FARM BARGAINS write for list to J. E. Calvert, Garnett, Kan.

WE HAVE a fine list of impr. and unimpr. farms. Rowland & Moyer, Ottawa, Kan.

FOR SALE. A few choice Lane Co. farms. Cheap and well located. Address Box 327, Dighton, Kansas.

RANCH OF 930 ACRES with 8 room house, 3 miles of town in Franklin Co. for only \$35,000, worth \$50,000. We also offer a good wheat farm. Buckeye Agency, Ottawa, Kan.

FOR SALE, QUARTER SECTION, level, unimproved prairie. About 7 miles from court house, Houston, Tex. H. P. Paddock, Marion, Kansas.

480 A. IMPROVED, \$25 A. 2 1/2 mi. Scott City. Brightest future of any town in W. Kansas. Come and see this bargain or write E. E. Coffin, Scott City, Kan.

DON'T MISS THIS 160 A. bargain. Well improved, splendid location, fine level land. \$40 per a. if sold by Dec. 1st. M. T. Spong, Fredonia, Kan.

80 ACRES LOCATED 6 MILES of good town, all nice tillable land, good 6 room house, barn 32x36, other good outbuildings, \$1,500.00 cash, balance at 6% for 5 years. Mansfield Land Company, Ottawa, Kan.

320 A., 70 A. UNDER cultivation, good creek bottom alfalfa and corn land. Balance fine blue stem pasture and mow land. Good 5 room house, good barn, feed lots, abundance of water, springs, wells and running creek. Plenty timber for farm, 1/4 mile of school, R. F. D. and telephone. 5 miles of R. R. town. Price \$30.00 per acre. A. J. Klotz & Co., Cottonwood Falls, Kan.

WANTED, 1,000 GOOD FARMS—wild or improved at bargains—in the Western States or Canada. Direct from owners only. State full particulars in first letter. Fred L. Harris, Globe Building, Minneapolis, Minn.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15-\$50. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illustrated folder free. Eby-Cady Realty Co., Pleasanton, Kan.

TEXAS

BRAZOS BOTTOM FARM. 320 acres, 110 cult.; 2 houses, very fine soil. \$45 per acre, 1/4 cash, balance easy. Winston McMahon, 317 Beatty Bldg., Houston, Tex.

CORN, COTTON, potatoes and rice are making our farmers good money. Prices from \$25 an acre up. A few special bargains. Fidelity Immigration Co., Eagle Lake, Tex.

BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Points on Where to Buy Land," also "The Gulf Coast Bulletin," for six months free. Allison-Richey Land Co., Houston, Texas.

BARGAINS IN GULF COAST LANDS. FACTS about the Mid-Gulf-Coast Country of Texas. Production, climate, rainfall, soil, markets, water. Large or small tracts. Write at once for free booklet and price lists. Reference given. John Richey & Co., Binz Bldg., Houston, Tex.

FINANCIAL. 6 per cent loans on resident and farm property to buy, build, improve, purchase, remove incumbrances, extend notes, mortgages and other securities, special privileges, terms reasonable. Correspondence invited. Commonwealth Securities Loan Company, Commonwealth Building, Denver, Colo., 1521 Commerce St., Dallas, Texas.

NEW YORK

70 ACRES; eight room house; barn 50x30, with basement; corn house, hen house. Apples, pears, grapes. School near farm. \$2,000, \$800 cash. Balance long time 5% interest. Hall's Farm Agency, Owego, Tioga Co., N. Y.

CANADA

COME TO SO. ALBERTA. Land of wheat, alfalfa, cattle. Good markets. Delightful climate. Have several special bargains. Weber Land Agency, Lethbridge, Alberta, Canada.

MISSOURI

FOR FARM LANDS in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.

FARMS AND RANCHES all sizes and prices. C. C. McCormick, Aurora, Mo.

YOU WANT AN OZARK FARM or ranch. What kind? Wesley Marion, Monett, Mo.

WRITE MARTIN & MONTGOMERY, Greenfield, Mo., for farm list Dade Co. Terms.

WRITE Ozark Realty Co., Springfield, Mo., for grain farms, ranches, dairy farms.

160 A., OZARKS; 100 CULT., 2 sets bldgs., spring. \$1,700. McQuary, Seligman, Mo.

WRITE J. W. HUNT, Mt. Vernon, Missouri, for farm list. Climate and water excellent.

WRITE BEDELL & CO., Springfield, Mo., for prices on grain, stock and dairy farms.

WRITE CLARK & WILLIAMSON, Cassville, Mo., for list of cheap lands. Exchanges.

WRITE PERRY & BRITE for prices on stock, grain and fruit farms. Monett, Missouri.

WRITE Southwestern Land & Investment Co. for grain, stock farms, Springfield, Mo.

OZARK FARMS. Write Southwestern Land and Immigration Co., Springfield, Mo.

120 ACRE FARM. Price \$1,600, \$400 down. Views, map free. Arthur, Mt. View, Mo.

MUST SACRIFICE FINE 80, Atchison Co., Mo. \$5,000. Modern Co-operative Real Estate Exchange, Aurora, Mo.

\$5 DOWN, \$5 MONTHLY, buys 40 a. grain, fruit, poultry land, near town. Price \$200. Write for list. Box 372, Carthage, Mo.

40 ACRES, house, barn, well and springs. Price \$800, \$300 down. Bal. long time. King & Coon, Flemington, Polk Co., Mo.

154 ACRES ALL IN CULTIVATION but 7 acres; rich, black soil; good improvements. Good water. On piked road near city. Excellent buy. J. E. Hall, Carthage, Missouri.

BIG BARGAIN—IDEAL stock farm, cheap for quick sale. 225 acres, Polk Co., Mo., 7 miles railroad, well improved, rural conveniences, FORCED TO SELL, worth \$50, will take \$30, terms to suit. Harry T. West Realty Co., Bolivar, Mo.

CASS COUNTY, MISSOURI. 280 acres, rich limestone land; improved; water; 3 miles to Harrisonville; 40 miles to Kansas City. Price \$50 per acre; terms to suit. Stock and dairymen take notice. This is a SNAP. Charles Bird, Harrisonville, Mo.

\$27.50 AN ACRE buys this splendid 140 a. farm. 100 in cultivation, 40 timber. All smooth land. Splendid orchard; nice vineyard; two everlasting springs, one right at the house; fine well; 4 room frame dwelling; improvements very good. Big forest trees around premises; tasty and home like. 6 mi. from town; splendid road. I will carry \$1,500. A genuine bargain. W. J. Chambliss, Anderson, Mo.

HOWELL CO., MISSOURI. 120 a. farm 2 mi. from Pomona. 75 a. in cult. and orchard, 500 bearing trees, apple and peach, 100 a. fenced, 5 room house, good barn, 2 wells, cistern, phone line, rural mail. 1/2 mi. school. \$28, terms. Farms for merchandise or town property. A. P. Cottrell Land Co., Pomona, Mo.

FARM LAND—CATTLE RANCHES. For sale: 8,080 acre stock ranch for less than half its value. 5 miles long and 2 1/2 miles wide. Has 56 springs; 1 1/2 miles water stream. Best bargain in Missouri. If you want to raise beef and make a fortune this is your chance. For further information write or wire owner A. J. Johnston, Merchants National Bank, Springfield, Mo.

NEW MEXICO

CHEAPEST, BEST IRRIGATED lands in the world \$25 to \$40 per acre. For information address Dan Vinson, Portales, N. M.

MONTANA

ALFALFA, PEAS, GRAINS, and fruit successfully raised. No crop failures. 640 a. or less, \$22 per acre. 1/4 cash, bal. four equal payments at 6%. Write owner O. V. Round, 503 Power Block, Helena, Montana.

MINNESOTA

80 A. GOOD Minnesota land \$1,000. Terms. Other bargains. Foss, Milaca, Minn.

WRITE FOR LIST of good farms at low prices. S. A. Carlisle, Wyoming, Minn.

PAYNESVILLE LAND CO., sell Minnesota farms. Write for list. Paynesville, Minn.

MINNESOTA FARMS for sale. Easy terms. Write A. G. Whitney, St. Cloud, Minn.

MINNESOTA FARMS for sale. Special bargain list. A. H. Brown, Willmar, Minn.

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

500 IMPROVED FARMS So. Minnesota for sale. For terms and prices write Morehart & Atchison Land Co., Mankato, Minn.

238 A. WELL IMPROVED, near station. 12 a. cultivated. Balance timber. For quick sale \$20 per a. E. H. Winter, Bemidji, Minn.

IMPROVED FARMS W. Cen. Minnesota. Easy terms. We raise good corn. Price \$40 per a. and up. A. B. Kaercher, Ortonville, Minn.

MINNESOTA FARMS for sale on easy terms. We sell our own lands. Write for list and map. Anderson Land Co., Willmar, Minn.

MINNESOTA FARMS for sale on easy terms. We sell our own lands. Write for list and map. Sonnesyn Land Co., St. James, Minn.

160 A. WELL IMPROVED, 2 mi. of town, \$75 per acre. Easily worth \$100 per a. For description write J. J. Regan, Northfield, Minn.

FREE FARM CATALOG with pictures of 45 Ottertall, Todd and Stearns Co., Minnesota, imp. farms. Traub Bros. & Co., Hennings, Minn.

\$3,000 CASH, will buy good impr. 360 a. farm Southern Minn. \$68 per a. Bal. easy terms. Johnson-Silliman Land Co., Windom, Minn.

113 ACRES, GOOD SOIL, in corn belt; 30 miles from Minneapolis. Splendid set of buildings, on R. F. D. Price \$60 per acre. Terms. T. H. Daly, Elk River, Minn.

FOR SALE—IMP. FARM at bargain, near town, school, tele. R. F. D. Worth \$1,500— for quick sale at \$500—very easy terms. Fred L. Harris, Globe Bldg., Minneapolis, Minn.

80 ACRES with 10 a. under cult.; bal. timber; \$3,000 worth of bees and supplies; fair house and barn and bee house and cellar. Harrington & Winsor Land Co., Foley, Minn.

SOUTHERN MINNESOTA. 160 acre corn farm well improved. Close in. Tilled. R. F. D. phone. For quick sale \$80 a. For full description write Wm. Schaleben & Co., Mendota, Minn.

WILD AND IMP. farms in the park regions of Minn. \$10 to \$75 per a. Also wholesale list of lands in Wis., N. Dakota and Minn., \$5 to \$12 per a. Terms easy. For descriptive price list write J. W. Denny, St. Cloud, Minn.

SOUTH CENTRAL MINNESOTA. Farm land, Stearns and Pope Co., \$30 to \$65 per a. Why go further north? Buy here at this low price. Map and list free. M. F. Reine, Brocton, Minn.

BRITISH COLUMBIA LAND

CHOICE FRUIT AND POULTRY ranches for sale in Western States and British Columbia—any size from 5 acres up—monthly, yearly or all cash payments. No irrigation needed. Price \$50 to \$150 per a. Actual government reports show that ranchers making from \$400 to \$2,000 per bearing acre. Come and see. I have sold to over 500 people in eighteen months—send for the Kootenay Magazine—price 50 cents but free to readers of this paper if you state your nationality, amount you have to invest and one reference. Beautiful mountain lake 85 mi. long—never freezes—no rainy season, no crop-killing frosts. No severe storms, droughts or cyclones. Plenty of work in mills, mines and on ranches for laboring men. Wages the best. I live there myself. Write me personally. Fred L. Harris, Pres. International Fruit & Farm Lands Co., (Inc. \$500,000), Globe Building, Minneapolis, Minn.

LOUISIANA

FOR SALE: FARMS and cut over lands. Write Ponder & Mizell, Forest Hill, La.

FOR SALE OR EXCHANGE. We have for sale and exchange, several fine farms and large tracts of hill lands in Louisiana, that we will consider good income proposition in exchange for same. Invest your money in Louisiana. Write J. D. Pace & Co., Alexandria, Louisiana.

COLORADO

We Want Farmers

Why buy cut-over, or wild lands in the Frozen North? We can locate you on half-section relinquishment for \$350. Will produce 30 to 35 bushels wheat and corn per acre on sod. Fine hay, good dairy country, 10 to 40 feet to water. Only 12 miles from this city. Land level and soil fertile, clay subsoil. Finest climate in the world. Come and get your choice. Cutler & Layton, Fort Morgan, Colo.

Neosho Valley Bottom Lands

1,394 acre stock farm, 620 acres in cultivation, 400 acres in meadow, 350 acre pasture. Four miles from railway station. Two miles of creek in pasture, with 100 acres of timber for shade. Three sets of buildings. One barn 32x200. Best and cheapest stock ranch in Eastern Kansas. More thoroughbred horses have been raised on this ranch than any other ranch in the country. Offered for sale on account of owner's age. Price \$50,000; \$25,000 down. No trade.

Dairy and stock farm 203 acres mostly bottom land in St. Clair County, Missouri, 100 miles southeast of Kansas City, on main traveled road, 2 1/2 miles from good railroad town. Two story frame house of seven rooms, two large porches, bath and all modern improvements. Barn 56x56. Poultry house, Good orchard, telephone, and R. F. D. Fine shade trees. 80 acres in clover and timothy. Abundant springs and wells. 100 acres in cultivation, 20 acres of timber. Possibly the best dairy farm in St. Clair County, Missouri. Price \$12,000; \$6,000 down. No trade.

320 acres of alfalfa land. High bottom land, black alluvial soil twenty feet deep, 160 acres in cultivation, 40 acres in clearing, 40 acres prairie meadow, 40 acres timber. 50 acres in wheat. No buildings. One and one-half miles from large town. \$10,000, \$3,000 down. No trade.

160 acres second bottom land prairie meadow, no improvements. Yields two crops of prairie hay per year. Two miles from station. Price \$4,800.00. \$2,800.00 down, five years on balance at six per cent. No trade.

J. B. COOK, CHETOPA, KAN.

ARKANSAS

IMPROVED 80 ACRES for \$275.00. Terms. Leslie Land Co., Leslie, Ark.

ARKANSAS FARMS for sale. Terms. List free. J. C. Mitchell, Fayetteville, Ark.

N. W. ARKANSAS LANDS for sale or exchange. Wright & Cox, Rogers, Arkansas.

170 ACRES; good improvements. Level, good water. Write E. W. Dawkins, Rogers, Ark.

WE HAVE BARGAINS IN FRUIT, stock and grain farms in northwest Arkansas. Springdale Land Co., Springdale, Ark.

\$60 DOWN BUYS 40 ACRE FARM, rain and corn belt, Arkansas. Send for list now. Leavitt Land Co., Little Rock, Ark.

FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballou & Hurlock, Siloam Springs, Ark.

FARM LIST furnished, Mo., Ark. and Okla. Crops never fail. Spring water. Conner-McNabney Realty Co., Southwest City, Mo.

J. O. COURTRIGHT REALTY CO., for investment prices in stock, grain, fruit and vegetable farms. 66 and 65 acres, close to town. Lincoln, Washington Co., Ark.

532 ACRES mostly creek bottom; plenty water, and timber; good orchard; 2 mi. town; creek crosses place. Price \$30 per acre. Write Horton & Co., Hope, Ark.

17,000 ACRES, NO ROCKS, hills or swamps. Any size farms Grant Co. \$1.50 per a. down, bal. 20 years at 6%. Teter & Co., Op. Union Depot, Little Rock, Ark.

COME TO N. W. ARKANSAS, to Benton Co., Bentonville, Co. seat, for good smooth land free from stone. Average \$65 per a. Exchanges. Robt. L. Lee, Bentonville, Ark.

ARK. FRUIT and alfalfa land, small or large tracts cheap. Small pay down, long time to parties wanting homes. Write for particulars. Tom Blodgett Land Co., Rison, Ark.

QUIT RENTING and write Eugene Parriek, the land man, for fruit, grain and timber farms. Best prices, terms, water and climate in Ark., Missouri and Oklahoma. Describe your wants in first letter. Hiwassee, Ark.

YOU RUN NO RISK, crops abundant and sure, land artificially irrigated, water supply unlimited; land cheap; close to R. R. town in Ark. Let me convince you in time. Call or write A. H. Evans, Hickory Ridge, Ark.

140 ACRES, 4 miles to a railroad town; 70 acres cultivation. Plenty good timber, all kinds. Two boxed houses, 4 wells, good spring, two barns and other outbuildings. R. R. Norworthy, (owner) New London, Ark.

FOR SALE OR EXCHANGE, 240 a. stock and fruit farm. 140 acres in cultivation, bal. timber and pasture, fine orchard, spring water, two sets of buildings. Price \$18,000; would consider deal for \$10,000 acreage or hardware. E. H. Fair, Centerton, Arkansas.

RENTERS WANTED: For Arkansas farm in the Big Creek Valley, Cleveland Co.; sure crops; oats, corn, hay, fruit, cowpeas, peanuts, sugar cane, Irish and sweet potatoes, cotton, garden truck, etc. Share rent, no drouths, healthful climate; fertile land, good schools, fine neighbors. Sure money for industrious renters with good teams and tools. Write Tom Blodgett Land Co., Rison, Ark.

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

CHOICE FARMS OF ALL KINDS on easy terms, in Benton Co., Ark. Ideal climate and pure water. Some exchanges. Star Land Co., Gentry, Ark.

LIVE IN BENTON COUNTY, ARKANSAS. Land of springs, pure water and ideal climate. Drouths never known, abundant rainfall. We own many farms, have lived here over 35 years. For reliable information and map write C. R. Craig & Co., Bentonville, Ark.

70 A. FARM, 4 mi. city. Half in cult.; orchard, fine springs; \$20 a. 6,000 a. best colonization proposition in best part of state. Party with cash can get bargain price. 80 a. farm, 1/2 mi. from station, 3 houses, flowing well, good barn, 70 acres in cultivation, \$3,000. 80 acres 5 mi. from city; 30 in cult.; 5 room house, small orchard, \$1,800. Other bargains. Texarkana Trust Co., Texarkana, Ark.

Theodore Howard, Real Estate Agent Benton county fruit and stock farms and city property for sale on good terms. Best climate and purest water in the world. Write for prices. Hiwassee, Arkansas.

ARKANSAS TIMBER AND FARM LANDS 9,000 acres of virgin oak timber and some pine, 6 to 10 miles of Waldron, county seat, Scott Co., Ark. 50% land suitable for corn, cotton, alfalfa, clover, etc., when cleared. For next few days owner offers this at \$3.50 per acre. 1/4 cash, terms on balance. Write Bates Land Co., Waldron, Ark.

ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guarantee against crop failure. We have 15,000 acres of fine cutover agricultural lands for sale. Your choice of a farm for \$15 per a., terms \$1.50 per a. cash, bal. any time in 20 years, 6% interest. This land is selling fast.

FRANK KENDALL LUMBER CO. Pine Bluff, Arkansas.

GEORGIA

SOUTHERN GEORGIA. Stock raising, fruit growing, truck farming, corn, oats, hay, cotton. No floods, drouths, nor cyclones. Improved and unimproved lands. Easy terms. Thompson & Company, Homeland, Georgia.

CALIFORNIA

FOR GRAIN, stock, fruit or gold where climate is not cold. L. R. Painter, Gridley, Calif.

OKLAHOMA

GOOD FARMS FOR SALE; for particulars write to Harry E. Pray, Pawnee, Oklahoma.

EXCEPTIONAL BARGAINS in N. E. Okla. farms. T. C. Bowling, Pryor, Mayes Co., Okla.

830 ACRES BEST FARM LAND in Eastern Oklahoma, must be sold in 60 days. W. P. McClellan, Claremore, Oklahoma.

STOCK RANCH, 650 A. Springs, timber and grass; railroad 8 mi. Price \$6.50 a. White, Stanley & Thomason, Westville, Okla.

DELAWARE CO. ABSTRACT CO. Bonded Abstractors. Real estate and farm loans. Cowskin prairie farms, the cream of Oklahoma farm lands. Prices right. Grove, Okla.

LARGE OR SMALL TRACTS. 8 a. at \$4 per a. Will pasture steer 9 months. Also improved farms that will raise as much corn or wheat per acre as in eastern Kansas. \$30 per a. Southern Realty Co., McAlester, Okla.

FOR SALE—A 440 ACRE VALLEY farm, very rich land. No overflow. \$5,000 worth of improvements. 3 houses, barns, windmill, etc. 3 mi. from Vinita, Oklahoma. Price reasonable. One-third cash. Sell part if desired. W. M. Meeker, Aurora, Ill.

474 ACRES ON GRAND RIVER, 300 acres cultivation, rest meadow and timber. Ten room house, four room house, barns, granaries, tool house, fine orchard, above overflow, fine water. \$65 per a., half cash. Easy terms on balance. Several other good farms for sale. W. A. Hancock, owner, Pryor, Okla.

CADDO COUNTY AGAIN WINS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Okla.

EASTERN OKLAHOMA LAND. 200 a. of black limestone soil, 75 a. in cult. 75 a. in grass; 50 a. in pasture. All fenced and excellent good spring of water. A house and barn and other outbuildings, one mi. from small town; for quick sale will take \$6,500. Edward Leon, Siloam Springs, Ark.

WISCONSIN

CLOVER, CREAM, corn belt lands. Improved and unimpr. \$15 to \$100 per a. Literature sent free. S. A. Carpenter, Chippewa Falls, Wis.

185 A. WELL IMPROVED, 100 in cult. Will grow corn, alfalfa and clover. Soil clay loam. \$3,000 personal property with purchase. Price \$67 a. Bloomer Land Co., Bloomer, Wis.

WRITE FOR DESCRIPTION and prices of over 70 improved farms and 20,000 acres of wild land in dairy belt of Wisconsin. L. Rivard, Turtle Lake, Wis.

FOR SALE OR EXCHANGE

GROCERIES FOR LAND or land for mdse. F. Gass, Joplin, Mo.

EXCHANGES—ALL KINDS—free list. Foster Bros., Independence, Kan.

WRITE J. W. MEREDITH of Carthage, Mo., for prices and exchange farm lands.

LAWRENCE REALTY CO., home of the swappers. Patrick C. Quin, Mgr., Lawrence, Kan.

LAWRENCE property trade for farm. Good thing. Fugate Land Co., Lawrence, Kan.

STOCK merchandise about \$4,000, for tract close to city. Telephone exchange for land worth \$20,000. E. S. McCabe, Clifton, Kan.

WE BUY, SELL and exchange, anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo.

TO TRADE FOR MDSE., 400 acre farm Newton county, Mo. Two sets imp. 100 acres bearing orchard, fine spring; three miles town. Beeler & Beeler, Neosho, Mo.

\$5,000 GEN'L MDSE. and buildings located in E. Kansas to exchange. Owner anxious. Ness Co. land to ex. for eastern land, mdse., or income. C. F. Edwards, Ness City, Kan.

WANT KANSAS LAND, for good business, corner of four lots, 3 stores in Denver. Rents \$65 month. Price \$9,500.00. Inc. \$1,750. G. L. Garlinghouse, Owner, Topeka, Kan.

FARMS, STOCKS, and city property for sale or trade. What have you to offer? Bigham & Ochiltree, 802 Corby-Forsce Bldg., St. Joseph, Mo.

100 ACRES CLEAR LAND in Latimer Co., Okla.; want residence. Choice 214 acres, fair bldgs., town 6 miles, Brown Co. Price \$125. Extra bargain. Walter Hanson, Sabetha, Kansas.

480 A. 4 MI. FROM TOWN; 175 a. fine bottom, 50 acres alfalfa, 175 a. in cultivation; bal. fine pasture; fine water; good improvement. Price \$50 per a. Owner will exchange for good wheat land not too far west. Write for our list of farms and ranches. Willis & Company, Emporia, Kansas.

HARPER COUNTY, KANSAS. One hundred sixty acre farm, three hundred thirty-five acre farm for east Kansas farms. J. M. Garrison, Attica, Kan.

LIST YOUR FARM WITH US For exchange—if it will stand inspection. If we accept it we will protect you against inflated values in city income property. Want Eastern Kansas or Western Missouri farms. Nelson-Harrison Realty Co., Members of K. C. Real Estate Board, National R. E. Board, etc., 523 Dwight Bldg., K. C. Mo.

EXCHANGE FOR MERCHANDISE OR CLEAR LAND.

200 acres fine corn and alfalfa farm, 8 miles St. Joseph, 3 miles from small town, well fenced, good improvements. Price \$110 per acre. Mortgage \$8,000. C. D. Butterfield, Hamburg, Iowa.

160 A. LOCATED IN FRANKLIN county, Kansas, on main traveled road, 80 acres nice creek bottom land, alfalfa land, 40 acres clover, 10 acres timber, 120 acres cultivation, 7 room house, barn 30x40, price \$17,000.00. Incumbrance \$5,200.00 for 5 years. Owner wants to trade for good livey stock. Mansfield Land Company, Ottawa, Kan.

African Kafir the Winner

(Continued from Page 6.)

kafir for silage, because of the larger yields. Much of the soil in this section is rather thin, and kafir usually will yield several tons an acre more silage than corn. This is the rule, I believe, through most of southeastern Kansas, and of course it holds in the western part of the state."

There was considerable red tape connected with the purchase and transportation of the kafir seed from South Africa to Osage City. L. W. Silven, of the firm of Silven & Son, wrote to F. S. Jackson, who then was congressman from the Fourth district, in November, 1912, asking him to take the matter up with the United States consul at Cape Town, South Africa. This Mr. Jackson did. The seed was grown on the plains about 800 miles north of Cape Town, and after it was moved to that seaport it was resacked in 200-pound sacks, and treated with carbon bisulphide to kill weevils. Double bags were used and none of the seed was lost on the long trip.

It was necessary to send a cable mes-

ARIZONA

WHY NOT BUY LANDS under the United States Irrigation System where a man regulates the moisture? An acre produces \$100 to \$200 per season. Write for particulars. Southwestern Land Co., Yuma, Arizona.

WISCONSIN

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.

SALES AND EXCHANGES in lands and merchandise anywhere on earth. Co-operative Realty Co., Humansville, Missouri.

FINE IRRIGATED 320, Pecos Valley, New Mexico, alfalfa and fruit land. Price \$24,000. Want property in Kansas or adjoining states. Owners Exchange, Salina, Kan.

UNIMPROVED 320 A. 5 mi. Bloom, 200 a. good farm land best of soil, balance rough, 30 a. broke. Will accept property worth \$3,500.00 and give long time on balance. Roy C. Beard Land Co., Minneola, Kan.

170 ACRES, 85 miles south of Kansas City, 100 acres timber, 30 cultivation, 40 a. bluegrass. All can be tilled. 3 mi. town, 1 mile school. \$45 acre. Mtg. \$2,000, five years at 6 1/2%. \$1,500 cash, bal. small farm or mdse. F. E. Stewart, Stotesbury, Mo.

120 A. 3 MI. OF WELDA, KAN. 80 cult., 40 pasture, \$60 per acre, mort. \$2,100, wants mdse. 320 acres 2 mi. of Garnett, Kan., 200 cult., bal. meadow and pasture, \$30,000, clear, wants smaller farm, timber or rental. Spohn Bros., Garnett, Kan.

RANCHES, WESTERN LAND—I sell or trade either. 800 acre ranch near Plainville, running water, 90 acres alfalfa land, good grass, fenced, small improvements. Price \$17.50 per acre. Prefer, in trade, central Kansas land. Frank W. Thompson, Beloit, Kan.

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

FOR SALE OR EXCHANGE Land in the great corn belt of Missouri, Kansas and Nebraska. Also ranches. If you wish to make an exchange, address M. E. NOBLE & SON, 507 Corby-Forsce Bldg., St. Joseph, Mo.

To Trade---Mitchell Co. Farm

We have 240 acres, well improved; alfalfa and wheat farm, near Beloit. To trade for corn and stock farm in east Kansas or west Missouri. Wilson & Bezell, Beloit, Kan.

I OWN AND WILL TRADE

A good small ranch in S. E. Kansas, a fine unimproved tract near city limits of Wichita; a good home in Wichita, some smaller residences; also a fine business proposition and business property; a nice farm in S. W. Kansas and some scattering quarters. Will trade either or all of these or will sell at a sacrifice and give extra good terms. H. C. Whalen, 812 West Douglas Ave., Wichita, Kan.

To Trade

320 acres 12 miles Jetmore, Kansas, nearly level. All grass, good soil; mortgage \$1,000, four years. To trade for merchandise. No buildings wanted.

M. W. PETERSON Hanston, Kansas

sage to the American consul before the shipment was made. The rate on the message from Osage City to Cape Town, which consisted of two words, plus four in the address, was \$2.85. The seed was first consigned to Muller, McLean & Company, 11 Broadway, New York, N. Y., this company acting as the agent of Silven & Son at the port of entry. The total cost of the seed to Silven & Son was a little less than \$100.

Best Teachers Go to City

"The greatest mistake made in rural school work, is in not putting the best teachers in the state in the country districts." This statement was made at the recent state meeting of Kansas teachers, at Topeka, by Adelaide Steel Baylor, rural school specialist of the Indiana state board of education. "This is especially true in an agricultural community like Kansas as it is in Indiana," said Miss Baylor, "the rural school gets the teachers that can't get jobs in the cities. The teachers in the rural schools have more influence in the future of boys and girls than any other except the parents."

The chief difficulty, of course, is the matter of pay. Few country districts could or would pay as much for a teacher as a large school in the city. Here is another instance where the consolidated school would count, it would make it easier to get good teachers and hold them. More teachers come from the country than the city, it is mainly a question of developing and keeping the good ones.

For More Farmers' Institutes

A number of requests for the organization of farmers' institutes are received each week by E. C. Johnson, superintendent of farmers' institutes. All new requests will be met, so far as possible, and regular meetings will be scheduled in December or after the holidays.

It will be necessary to know very soon the names of all places where institutes are desired and any requests from organizations or individuals wishing to organize an institute should be sent to Superintendent E. C. Johnson, Manhattan, Kan., at once.

A bulletin, "Farmers' Institutes in Kansas" has recently been published by the Agricultural college. This contains definite instructions in regard to methods of work of institutes already organized, in regard to the organization of new institutes, and all the details of their management. This bulletin is being distributed to all members of farmers' institutes in Kansas and will be sent free to all applicants.

Dressmaking Lessons Free

Complete Illustrated Course of Lessons Given to Women Readers of This Paper for a Short Time Only.

We have just published in one large volume one of the most valuable and most comprehensive courses of instruction in home dressmaking ever written. This course of lessons covers practically every phase of the subject of dressmaking. It tells you how to make most every garment, from the simplest house apron to the most elaborate evening gown.

This valuable book, "Every Woman Her Own Dressmaker," will be found of great assistance to beginners as well as experienced dressmakers. You can turn to this book and find a satisfactory answer to practically every dressmaking question which might come up. It illustrates and fully describes 200 very latest styles for ladies and children. It gives valuable instructions on fitting and finishing—instruction needed by every woman. Here are some of the interesting subjects taught in these lessons:

How to sponge and shrink wool goods. How to shrink wash materials. How to make a tailored coat at home. How to make a plain shirt waist by the newest and easiest method. How to make a boned lining. How to make stylish suits, skirts, waists, dresses and dressing saques. How to make wrappers, kimonos and underclothes. How to make children's coats and school clothes. How to make baby clothes, long and short.

We are giving these valuable dressmaking books away absolutely free just to introduce our popular publication. Send us your name and address at once, together with 4 cents in stamps to cover mailing expense, and secure one of these valuable books before the offer is withdrawn. Address ARTHUR CAPPER COMPANY, Dept. DM-13, Topeka, Kansas.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 1124 So. Market St., Wichita, Kan.
John W. Johnson, 820 Lincoln St., Topeka, Kan., N. W. Kansas and S. Nebraska.
C. H. Walker, N. E. Kansas, N. Missouri, 1325 East 37th St., Kansas City, Mo.
Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.

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.

Jan. 31—A. D. Jones, Dunlap, Iowa.
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 11—H. C. Graner & Son, Lancaster, Kan.
Feb. 12—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.
Feb. 13—W. E. Epley, Diller, Neb.
Feb. 14—J. E. Foley, Orinogue, Kan.
Feb. 17—L. E. Klein, Zeandale, Kan.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 19—W. Z. Baker, Rich Hill, Mo.
Feb. 19—J. L. Griffiths, Riley, Kan.
Feb. 20—A. J. Swingle, Leonardville, Kan.
Feb. 24—M. T. Shields, Lebanon, Kan.
Feb. 27—W. A. Davidson, Simpson, Kan.
Mar. 4—John Kimmmerer, Mankato, Kan.

Duroc-Jersey Hogs.

Jan. 26—Ward Bros., Republic, Kan.
Jan. 23—C. E. Clauff, Central City, Neb.
Jan. 28—W. E. Monismith, Formoso, Kan.
Jan. 29—N. B. Price, Mankato, Kan.
Jan. 31—A. M. Rinehart & Son, Smith Center, Kan.
Feb. 3—Howell Bros., Herkimer, Kan.
Feb. 4—Moser & Fitzwater, Goff, Kan.
Feb. 5—Samuelson Bros., Cleburne, Kan.
Feb. 6—Leon Carter, Asherville, Kan.
Feb. 7—E. G. Munsell, Herington, Kan.
Feb. 9—E. A. Trump, Formoso, Kan.
Feb. 10—Agricultural College, Manhattan, Kan.
Feb. 11—Thompson Bros., Garrison, Kan.
Feb. 18—Geo. W. Schwab, Clay Center, Neb.
Feb. 21—Dana D. Shuck, Burr Oak, Kan.
Feb. 25—A. T. Cross, Guide Rock, Neb.

O. I. C. Hogs.

Feb. 18—H. L. Bode, Friend, Neb.
Feb. 19—Chas. H. Murray, Friend, Neb.

Berkshires.

Feb. 10—Agricultural College, Manhattan, Kan.

Jersey Cattle.

Dec. 12—S. S. Smith and Johnson & Nordstrom, Clay Center, Kan.
Mar. 5—Everett Hayes, Hiawatha, Kan. Dispersion.

Hereford Cattle.

Jan. 28—Mousel Bros., Cambridge, Neb.
Feb. 19-20—Nebraska Hereford Breeders' Assn. sale at Grand Island, Robt. Mousel, Cambridge, Neb., Mgr.

Imported Shire Mares.

Dec. 11—Truman's Pioneer Stud Farm, Bushnell, Ill.

Percherons, and Other Draft Breeds.

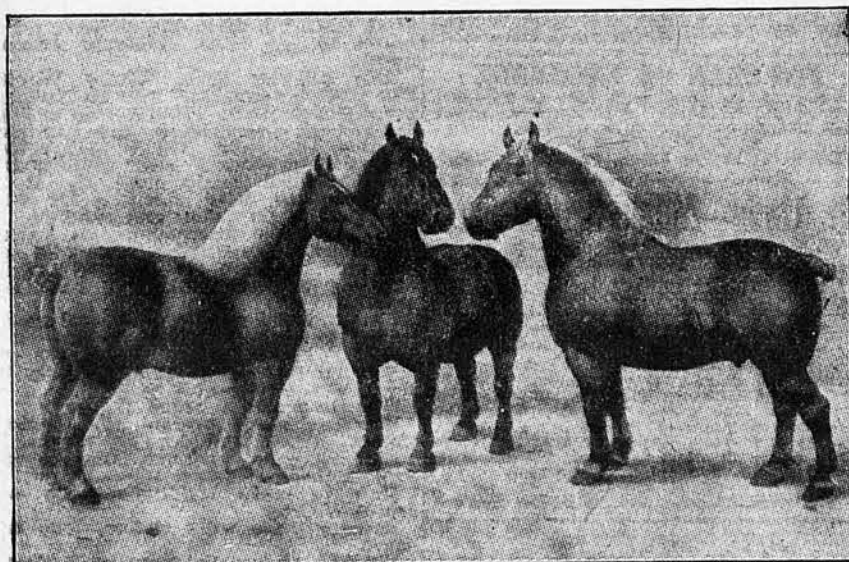
Jan. 27-28-29-30, 1914—Breeders' Sale, Bloomington, Ill. C. W. Hurt, Mgr., Arrowsmith, Ill.

Jacks and Jennets.

Feb. 26—H. T. Hineman & Sons, Dighton, Kan., and Dorsey Hutchins, Sterling, Kan. Sale at Sterling.

WILEY'S PERCHERONS AND BELGIANS.

L. R. Wiley of Emporia, Kan., is offering exceptional bargains in Percheron and Belgian stallions. He advertises 125 from which to make selections. The illustration is typical of the kind he has on hand. These horses are the kind that will go into most any community and be the "sensation"—the kind that command the attention



Lucien (102576) 98905, Laugage (99795) 98913, Lieutenant (100040) 98910. Three of Wiley's 2-year-old imported drafters. Average weight 1,900 pounds, of the best farmers and breeders. Mr. Wiley has one of the largest breeding establishments in the West, where he produces an exceptionally high class lot of draft horses. In addition to his breeding operations he makes annual trips to Europe where he personally inspects and buys the best to be had. He is therefore in position to supply the demand for either American bred or imported stallions or mares and at prices keeping with the class of the horses offered. Write him about either Percherons or Belgians and mention this paper.

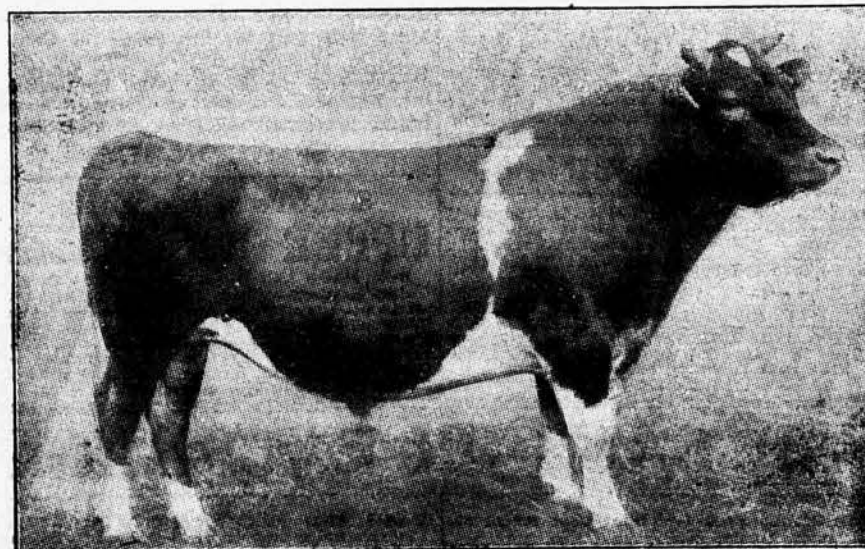
S. W. Kansas and Oklahoma

BY A. B. HUNTER.

The writer recently visited the Pleasant Valley Stock Farm, Watonga, Okla., and every time a visit to this farm is made the writer is more and more impressed that H. C. Lookabaugh, its proprietor, is one of the most resourceful Shorthorn breeders of the entire Southwest. No breeder of any kind of cattle can visit this farm and look over this great herd of Shorthorns and visit with its owner without knowing more of Shorthorns and having a higher regard for the breed. On looking over the large number of richly bred cows of this herd—every one a producer—you are no longer surprised at the progress that this herd has made in the last few years and the enviable record made by Mr. Lookabaugh at the leading Shorthorn shows. Practically all of the very best families

THE OVERLAND PARK GUERNSEYS.

The accompanying illustration is a good likeness of the great Guernsey bull, Imp. Moss Ralder, recently imported by F. S. Peer for Conway E. Holmes, owner of the Overland Park Guernsey Farm at Overland Park, Kan. This bull is now at the Overland Park Farm and is one of the greatest additions to Mr. Holmes' herd and the Guernsey interests of the United States that it is possible to make. He comes to this country and to this herd after a series of triumphs in his native country, both as a show bull and as a sire. He is a grand individual and of strong dairy type. His



Overland Park's New Herd Bull, Imp. Moss Ralder.

calves all show great dairy capacity. He has three direct crosses of May Rose 2d, the foundation of May Rose stock, which is one of the greatest producing strains of the Guernsey breed. The Overland Park Guernseys have a nation wide reputation of being among the very best collections in this country. Every animal in the herd is imported and every cow is in the advanced registry test. With Imp. Moss Ralder and Imp. May Royal, by Hayes Royal, a line bred Golden Secret, Mr. Holmes has two of the best bulls in the country. Mr. Holmes is largely responsible for the strong interest being manifested in the West in this great dairy breed and deserves great credit for his unselfish and untiring efforts in furthering the interests of the Guernsey breed and breeders in this section by maintaining such a herd and offering its produce at prices that are in no way commensurate with the quality and class of stock he breeds. The dairy cattle at the leading shows next fall will be augmented by a strong representation from the Overland Park herd. Mr. Holmes invites correspondence, but prefers a personal inspection of his herd. Overland Park is but eight miles southwest of Kansas City on the Strang line.

and many of the most noted sires of the breed are represented. The fact is if you want to add to or start a herd of Shorthorns you cannot afford to make your selections without first visiting this herd.

Olivier's Big Type Poland Chinas.

We wish to direct the attention of any of our readers who are interested in big type Poland China hogs to the ad of

Olivier & Sons, Danville, Kan., in this issue. They are offering spring boars of best big type breeding and fed out for future usefulness. They also have a few fall boars for sale. Later they will have some tried sows and gilts bred to their herd boars, Smuggler, Low Expansion, and sons of Big Orange, Chief Price Again and Revenue Chief. Smuggler was grand champion boar at Kansas State Fair two years in succession. The son of Revenue Chief was bred by J. W. Leeper of Newton, Kan., and is said by competent judges to be one of the very best pigs shown in the western circuit this year. He is as smooth as an apple and is going to be very large. Mr. Leeper thinks he is the best pig he ever produced. In the fall fairs Olivier & Sons won 40 ribbons; winning at Muskogee, grand championship on boar, first on boar pig under 6 months and first on produce of sow. If you want a strictly first class boar pig write Olivier & Sons as they are anxious to move these fellows and will make a close price on them. They will guarantee their pigs to please.

S. E. Kansas and S. Missouri

BY ED. R. DORSEY.

F. H. Parks of Sunny Slope Farm, Olathe, Kan., breeder of high class Hampshire hogs, is doing a fine business and is receiving

and a reserve champion. These boars head the herd: King Hadley 57722, by Big Hadley out of Beauty 5th, by King Blain; King John 64099, by King Ex, out of Queen Superior, by Grand Look Jr.; King Blain Jr., by King Blain, out of American Bell 4th, by Blue Valley Special. This hog sired the under 1 year herd that was so successful, also the first prize spring gilt at the Missouri state fair, 2d prize

LIVESTOCK AUCTIONEERS.

CHAS. M. SCOTT, on pedigree and values. Formerly of Scott & Singer, Poland China breeders, Hiawatha, Kan.

J. P. Oliver Newton, Kan. Livestock and Real Estate Auctioneer. My 20 years experience insures better results.

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

W. C. CURPHEY, Salina, Kansas. Write, phone or wire for dates. Address as above.

COL. T. E. GORDON, WATERVILLE, KANSAS. Merchandise Auctioneer. Write for open dates.

G. A. Drybread The Auctioneer Elk City, Kan. Live Stock and Farm Sales made anywhere. Prices reasonable. Give me a trial. Satisfaction guaranteed.

JESSE HOWELL Herkimer, Kan. Livestock Auctioneer. Write or phone for dates.

Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates.

JAS. W. SPARKS Live Stock Auctioneer MARSHALL, MO.

B. O. BROADIE Livestock Auctioneer Satisfaction guaranteed Winfield, Kas. Write or phone for dates.

L. R. BRADY Manhattan, Kansas Livestock Auctioneer Write or wire for dates.

Will Myers Beloit, Kan. Is already booked on leading breeders' sales in Central Kan. Choice dates still open. Write or wire.

W. B. Carpenter Livestock Auctioneer 1400 Grand, KANSAS CITY. Also Land Salesman

John D. Snyder HUTCHINSON, KANSAS LIVE STOCK AUCTIONEER Wide acquaintance and practical knowledge of draft horses and pure bred live stock, all breeds.

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. Write today for big, free catalogue of Home Study Course, as well as the Actual Practice School. Next term opens Jan. 5, 1914.

MISSOURI AUCTION SCHOOL Largest in the World. W. B. Carpenter, Pres. 1400-04 Grand Ave., Kansas City, Mo.

MULE FOOT HOGS.

Mule-Footed Hogs The coming hog! Hardy; resist disease; the best rustlers known; pigs ten to sixteen weeks old, \$20 pair. Circular free. DR. W. J. CONNER, LABETTE KANSAS.

HAMPSHIRE.

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

Hampshire Hogs All ages for sale. Some fine spring boars; gilts, open or bred; also weanlings. DR. E. G. L. HARBOUR, Baldwin, Kan.

For prices on PEDIGREED HAMPSHIRE Write J. F. Price, Medora, Kan.

Pure Bred Hampshires Some extra choice, well-bred spring boar pigs for sale. ALVIN LONG, Lyons, Kansas.

F. H. PARKS, Olathe, Kan.: Dear Sir—The Hampshire boar arrived in fine shape; am pleased with him. When I need another will buy of you. THOS. J. KAISER. Lincolnville, Kan., October 28, 1913.

O. I. C. HOGS.

50 O. I. C. Pigs Henry Kampling, Elmore, Kansas.

Gookin's O. I. C. Hogs Booking orders for fall pigs at dry weather prices. F. C. GOOKIN, RUSSELL, KAN.

50 O. I. C. Pigs for Sale Sired by my leading herd boars. Write for prices and descriptions. Andrew Kosar, Delphos, Kan.

BOARS! BOARS! BOARS! A great line of spring O.I.C. boars, large and growthy and priced at rock bottom prices to move them quickly. Booking orders on fall boars and gilts for December delivery. JOHN H. NEEF, BOONVILLE, MISSOURI

Kentucky Stock Farms Consolidate.

The Cook Farms and the Cloverdale Farm have consolidated. These farms are two of the largest breeders of Mammoth jacks, Percherons and saddle horses in the country and will be known hereafter as the Kentucky Jack and Percheron Farms. For years the advertisements of these farms have appeared in Farmers Mail and Breeze. Many of our readers have bought stock from these farms and have been pleased and benefited by the transactions. The advertisement of the consolidated firms appears in this issue in our livestock section under the name of Cook & Brown. Interested readers please mention Mail and Breeze when writing.

Baker's Richly Bred Polands.

W. Z. Baker of Rich Hill, Mo., is back from his long show circuit and his hogs are in fine shape. He lost one of the winners. She was damaged in the first shipment by the train and never recovered. She was supposed to have been a better sow than Hadley's Beauty 2d, the greatest prize winner that has been out in years. This sow, Hadley's Beauty 4th, a litter sister, never was able after the accident to make a class show. Indeed these four Hadley sows and their litter brother, King Hadley, made the greatest show of any herd of the big type in 1913. In Mr. Baker's sale February 19, 1914, about one-half of the offering will be bred to King Hadley, the grand champion of the 1913 circuit, and one-half will be bred to King John, the leading yearling big type Poland China boar of 1913. It is possible that no one breeder in Missouri ever won as many prizes in the big type breed as Mr. Baker has won in the past two years. This February sale will be a great opportunity for breeders to get next to the state fair record breakers. As we have stated before, Mr. Baker is not a pioneer breeder; in fact the youngest breeder in the business but his reputation extends as far as the Poland China breed. This sale will be the only one in this section of the country that has at the head of the sale a grand champion

O. I. C. HOGS.

O. I. C. PIGS, \$15 a pair. Young herd (4), \$30.
HARRY W. HAYNES, Meriden, Kansas.

Edgewood O. I. C.'s

March and April Boars ready, also some fancy early June
boars by U. S. 1782. I can and will please you.
HENRY MURR, Tonganoxie, Kansas.

100 Spring Pigs, early farrow (both sexes)
Ask for prices now. Well grown and extra good.
Immune. Chas H. Murray, Friend, Neb.

POLAND CHINAS.

Poland Chinas Select young boars, gilts,
bred or open. Prices right. Call or address
H. L. BROOKS, Larned, Kans.

Sunny Side Poland Chinas
Bred sows and spring boars for sale, priced right.
Satisfaction guaranteed. J. G. Burt, Solomon, Kas.

POLANDS: Size, Quality

Pigs all ages for sale sired by Waechter's Referee
and King Hadley. Lambert Bros, Smith Center, Kan.

KLEIN'S TABOR VALLEY HERD

Some choice January Poland China boars by Chief
Price 61667. Also two Sept. boars same breeding.
Fall gilts, bred or open. Tops of 30 February boars.
All out of big mature dams. Satisfaction guaranteed.
L. E. KLEIN, Zeandale, Kan.

Poland Chinas That Please

For a number of years we have bred the
best type of Poland Chinas. Our males
have gone to the best Big Type herds in
America. We have 100 more to sell.
P. L. WARE & SON, PAOLA, KANSAS

Way & Hargrove's Poland Chinas

Oldest Big Type Poland China breeders in
Illinois. One hundred pigs for sale of our
own breeding.
WAY & HARGROVE, JACKSONVILLE, ILL.

200 Head of Poland Chinas

To Be Closed Out in 90 Days.
100 early spring pigs, 70 summer and fall pigs, 30
brood sows by A. Wonder, King Hadley, Big Joe,
Long King's Equal, Big Defender, etc. Send for
prices. HOWARD ZAHN, Concord, Illinois

LARGE WITH PLENTY OF QUALITY

Handsome young boars, gilts bred or open.
Best of large type blood lines. Some boars,
herd headers. Satisfaction guaranteed on all
breeding stock. Olivier & Sons, Danville, Kan.

Fall and Summer Gilts

15 fall gilts open, 10 summer gilts bred and open
yearling and tried sows bred for fall farrow. Also
an attractive herd boar offer. E. C. LOGAN,
(Mitchell Co.) SOLOMON RAPIDS, KAN.

Joe Baier's Polands

40 spring boars, a few choice fall boars,
sows and gilts bred or open. Satisfaction
guaranteed. Let me know what you want.
J. M. BAIER, ELMO, Dickinson Co., KAN.

Large Type Polands

Big smooth spring boars and gilts by A
Wonder's Equal and out of Knox All Hadley
dams. Extra quality but at reasonable price.
Write today. A. R. ENOS, Ramona, Kansas.

THURSTON & WOOD'S Poland Chinas

The large, smooth kind. Fall boars, handsome fel-
lows by U. Wonder by A. Wonder, also gilts by this
great son of A. Wonder and bred to Orange Lad by
Big Orange. Thurston & Wood, Elmdale, Kan.

15 Spring Boars

Tops from 32, sired by Mogul's Monarch.
Gebhart, and Long King. Also two good fall
yearlings. Gilts reserved for Feb. 18 bred
sow sale. Write for descriptions and prices.
J. H. HARTER, WESTMORELAND, KAN.

BOARS! BOARS!
BOARS!

I will hold no fall sale. The tops of
my spring boar crop go at private sale.
I have an exceptionally fine lot of MAM-
MOTH IDEAL 54559 and EXPANSIVE
B. by Expansive boars that are large
smooth and heavy boned. One excep-
tionally fine February boar out of a
Guy's Monarch sow. This is a real herd
header. For the next 60 days these will
be offered at bargain prices.
MERTON WILLIAMS, Valley Falls, Kan.

Fall Yearling
Boars

An exceptionally fine lot of 1912
fall boars sired by Ex. B. by Expan-
sive and out of my best big type
sows. Buy a matured boar that will
sire you big litters of big, strong
pigs. These are priced to sell.

W. R. Webb, Bendena, Kan.

pig at the American Royal, 2d prize male pig
at Hutchinson, and the 3d prize pig at Mis-
souri State Fair. This hog was a winner
himself at the American Royal in 1912 but
was not shown in 1913. Not a male in the
herd but has been a winner. The above
hogs, John Ex., John Long 2d, Missouri
Wonder, (W. A. Baker's great breeder)
John Hadley, High Ball Look (at the head
of J. H. Baker's herd) are the sires of the
sale offering.

Write Bayer for Berkshires.

We just visited the New York Valley
Stock Farm owned by J. T. Bayer & Sons
of Yates Center, Kan., and find the Short-
horn cattle and Berkshire hogs in splen-
did shape. This firm is well up in the
business and nearly every year fit a few
of both breeds for the fall shows. The
senior member is one of Kansas' pioneer
breeders. He is enthused over the pure-
bred business and farming. The two junior
partners are attending the agricultural
school at Manhattan. Both have been in
this school three years and expect to gradu-
ate and follow the present business. They
have a fine farm, kept up in excellent shape.
They netted \$65 an acre on alfalfa and \$30
on wheat even in this dry season. On the
farm are 100 highly bred Berkshires. They
keep raising and selling the year round.
They have a few extra large male pigs of
March farrow and very few gilts left but
have a fine selection of summer and fall
pigs ready to ship. They also have three
young Shorthorn bulls now about 12 months
old that are offered at close prices. Mr.
Bayer does not tolerate extreme fat nor
does he sell pampered stock but keeps his
breeding stock in such shape that he will
guarantee every one a breeder.

N. E. Kansas and N. Missouri

BY C. H. WALKER.

Sutton Farms at Lawrence, Kan., is of-
fering Aberdeen Angus cattle at reasonable
prices. The offering includes 30 young hel-
fers and 30 bulls. There are no better bred
"Doddies" than those bred at Sutton Farms,
and there is no other herd that has made
better records in the production of show
cattle in both the feeder and fat classes
than has the Sutton Farm herd. These
cattle have been consistent winners in all
the middle western shows for several years.
If interested in good Angus cattle write
Sutton Farms, Lawrence, Kan., and mention
Farmers Mail and Breeze.

Season's Top for Byrne.

The fall sale season in this territory was
brought to a close Friday, November 7,
when U. S. Byrne & Son of Saxton, Mo.,
sold 56 head of Poland Chinas for a general
average of \$41.25. It is fitting that the
closing sale of the year should be the top
sale of the season and it is a tribute to
Mr. Byrne as a breeder. Not in the last
three years, at least, has there been such
a representative crowd of breeders at a
sale in Missouri or Kansas. The big tent
was packed to overflowing and the breed-
ers from a distance outnumbered the local
crowd nearly 2 to 1. The Pawnee Belle-
A Wonder litter was of course the main
attraction and the two boars and four sows
sold for a total of \$171.50 or an average of
\$119.58. Col. L. R. Hamilton of Clarks-
dale, Mo., who is making rapid strides in
his auction work and who is building up a
herd of the very best big type breeding,
secured the choice boar pig at \$205. E. G.
Fisher of King City, Mo., bought the sec-
ond choice pig at \$75. The gilts in this
litter were in strong demand. Lot five,
the choice gilt, went to Edwin Cook of
Pattonsburg, Mo., at \$190 after a spirited
bidding contest between him and H. B.
Walter. Mr. Cook is establishing a pure-
bred herd and this was his initial pur-
chase. H. B. Walter secured lot four at
\$100, an extra toppy gilt, and lot six went
to Dick Porter of Troy, Kan., at \$90. A.
M. Tipton of Milan, Mo., got lot seven at
\$57.50. Mammoth Expansion, the junior
champion boar at the St. Joseph fair this
fall, went to Williams Brothers of Valisca,
Iowa, at \$115, and Pawnee Nell, dam of
the Ott's Big Orange litter, went to Dick
Porter at \$115. She sold with a litter at
side by Expansion's Son. The offering was
presented in good condition and the breed-
ers appreciated Messrs. Byrnes' efforts to
present a high class lot of breeding stock.
Col. H. S. Duncan was in his usual fine
form, which means a successful sale and it
isn't very often that he is so ably assisted
in the ring. Col. L. R. Hamilton and W.
D. Gibson handled the ring work in great
shape. Below will be found a summary
and a representative list of sales:

SUMMARY.
18 boars \$ 854.50; average..... \$47.47
38 sows 1,455.50; average..... 38.30
56 head 2,310.00; average..... 41.25
Lot

BOARS.
1-Williams Bros., Valisca, Ia..... \$115.00
2-L. R. Hamilton, Clarksdale, Mo. 205.00
3-E. G. Fisher, King City, Mo..... 75.00
4-Walter Hildwein, Fairview, Kan. 60.00
5-D. A. Stanton, Fauett, Mo..... 42.50
6-C. G. Collop, Saxton..... 30.00
11-Geo. C. Stafford, Dearborn, Mo. 40.00
29-Ott Bros., Union Star, Mo..... 30.00
35-Greer Bros., Hemple, Mo..... 35.00
36-O. Wilson, Gower, Mo..... 37.00
44-J. D. Dunbar, BOWS

4-H. B. Walter, Effingham, Kan..... 100.00
5-Edwin Cook, Pattonsburg, Mo..... 190.00
6-Dick Porter, Troy, Kan..... 90.00
7-A. M. Tipton, Milan, Mo..... 57.50
12-T. E. Durbin, King City, Mo..... 36.00
13-John Berry, Troy, Kan..... 30.00
15-T. E. Durbin 40.00
17-Walter Hildwein 50.00
18-Dick Porter 115.00
22-E. B. Carver, Guilford, Mo..... 30.00
23-P. Eddy, Mound City, Mo..... 42.00
34-A. C. Wogan, Easton, Mo..... 34.00
37-Lomax & Hurst, Leona, Kan..... 31.00

Webb Has the Goods.

If you are in need of a Poland China
boar and want one that will get you more
size, more quality, bigger litters of strong
pigs, we recommend the fall boars offered
for sale now by W. R. Webb of Bendena,
Kan. Mr. Webb has a number of extra
toppy yearlings, great big, heavy boned,
stretchy fellows, sired by one of the great-
est sons of old Expansive, Ex. B., and out
of the best sows on the Webb farm, which
means the tops. These boars have to be
seen to be appreciated and at the prices
which Mr. Webb is offering them they are
bargains pure and simple. These boars are
in good condition and ready for hard ser-
vice. They are the kind that will make
good. Get in touch with Mr. Webb or bet-



Joe Hemmy's Poland Chinas. Herd Boars

Good Quality by Blue Valley Quality. Hemmy's Hadley by Spang-
ler's Hadley. 26 March and April gilts for sale by these boars. Bred
or open. Also some choice boars same age. Write for prices. Visitors
always welcome.
JOE HEMMY, HILL CITY, KANSAS.

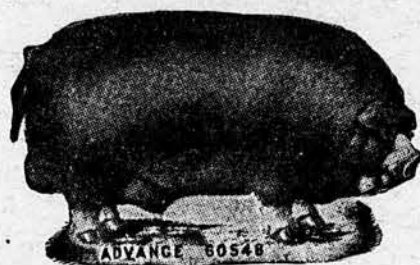
Dean's Mastodon Poland Chinas

Serviceable boars and bred sows
and gilts. I have some 3-year-old
sows 65 inches long, bone 8 1/2 in., and 34 inches high. VACCINATED AND IMMUNE.
Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Every-
thing guaranteed and sold worth the money. Phone Dearborn; station, New Market, and
postoffice, Weston, Mo. Address
CLARENCE DEAN, WESTON, MISSOURI.

Robinson's Mammoth Poland Chinas!

My herd boars weigh from 800 to 1,025 lbs. Now have for sale the greatest lot of
spring pigs I've ever raised. Sired by and out of my prize winning boars and sows. Get
my prices, description and guaranty. My terms are: If you are not satisfied return the
hog and I return your money.
F. P. ROBINSON Maryville, Mo.

POLAND CHINAS.



1000 lb. Grand Champion, 11 in. bone

50 pigs, either sex, this fall farrow, sired
by Kansas Mouw and out of sows by Ad-
vance. Others sired by Advance. These pigs
are fine and priced for quick sale.

Paul E. Haworth, Lawrence, Kansas

POLAND CHINAS.

BECKER'S POLAND CHINAS

Good spring boars and gilts. A Wonder
and Big Hadley strains. Special prices on
summer and fall pigs. They will please you.
Write today. J. H. BECKER, Newton, Kan.

BERKSHIRES.

BUY BERKSHIRES FROM BAYERS. They sell
SHORTHORN BULLS too
J. T. Bayer & Sons, Yates Center, Kan.

Hazlewood's Berkshires!

Choice spring boars and gilts priced to sell. Write
today. W. O. Hazlewood, R. 8, Wichita, Kansas

BERKSHIRE HOGS

Choice pigs, 10 to 16 weeks old, either sex \$20. Boars
ready for service \$25 and \$30, registered. Crated
f. o. b. Breeding and individuality of the best.
R. J. LINSOTT, HOLTON, KANSAS.

BIG TYPE UNPAMPERED BERKSHIRES

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truotype, King's Truotype, and the great show
boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to De-
cember 1st. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's
worth.
E. D. KING, Burlington, Kansas



F. W. Bevington, Pres.

Jewell County
Breeders' Association

Members of this association, advertising
below will offer nothing but first class
animals for sale for breeding purposes.



I. W. Kyle, Secy.

POLAND CHINAS.

7 GREAT BOARS, five of Oct. farrow and
two of Dec. Real herd
boars at fair prices. Boar and gilt sale Nov. 15.
JOHN KEMMERER, Mankato, Kan.

Herd Boar Offer. Big Look 64956 and Rey-
stead's Jumbo 64957. Both
boars best of breeders. Two years old. Boar sale Nov. 8.
A. R. REYSTED, Mankato, Kansas.

Polands, Shropshire Sheep 100 Spr.
pigs, both
sexes, strictly big type. Ram lambs. Write for
prices. Ira M. Swihart & Son, Webber, Kan.

50 BIG BOARS Spring farrow. Big and
smooth. Priced to sell.
Also choice gilts. Bred Sow Sale March 10.
JOSHUA MORGAN, HARDY, NEBR.

Six Fall Boars

that are good for
sale reasonable.
Big growth by
kind. IRA C. KYLE & SON, MANKATO, KAN.

FALL AND SPRING BOARS for sale. Also spring
gilts and summer year-
lings. Barred Rocks, R. I. Reds and W. Wyand-
ottes. W. A. MCINTOSH, Courtland, Kan.

PRIVATE SALE Spring boars and
gilts. Also fall
gilts. Best of big type breeding. Ask for prices
and descriptions. TUDOR J. CHARLES, Republic, Kan.

50 POLANDS Both sexes, big
type. Sale No-
vember 11th. Extra good Holstein bull calf.
A. T. GARMAN, COURTLAND, KAN.

DUROC-JERSEYS.

35 Spring Pigs, both sexes. Also 15 choice
November yearling gilts bred
or open. No public sales. Also good herd boar
proposition. E. M. MYERS, Burr Oak, Kan.

DRY WEATHER PRICES for choice spring
boars and gilts. Write for prices and descriptions.
R. P. WELLS, FORMOSO, KANSAS

25 SPRING BOARS of fashionable breed-
ing. Priced to sell.
Bred sow sale January 29. Ask for prices and
descriptions. N. B. PRICE, Mankato, Kan.

FALL AND SPRING gilts sired by Model
Chief by Chief's Per-
fection. Spring boars worth the money.
DANA D. SHUCK, BURR OAK, KANS.

KANSAS SPECIAL boars, sired by him and
out of mature sows. Write.
Also Holstein cattle and White Holland turkeys.
Bred Sow Sale Jan. 28. W. E. MONASHITH, Formoso, Kan.

32 MARCH BOARS at private sale, by Defi-
ant 2nd and B. & C.'s Col.
Chief. Extra good and priced right. Bred Sow
Sale Feb. 9. E. A. TRUMP, Formoso, Kan.

SPRING BOARS for sale reason-
able. Write for
descriptions and prices. Up to date breeding. Also a few
gilts. R. C. MADSEN, JEWELL CITY, KAN.

10 Good Spring Boars priced right
to move
them quick.
JOHN McMULLEN, Formoso, Kansas

40 SPRING PIGS of March and
April farrow.
Priced to sell. No public sale this season.
O. C. THOMAS, WEBBER, KANSAS

HAMPSHIRE HOGS.

HAMPSHIRE PIGS of Spring farrow.
Priced reasonable.
Also unusually good herd boar proposition.
ROY HAGGART, MANKATO, KANSAS.

O. I. C. HOGS.

O. I. C. SPG. PIGS Priced to sell. Write
for descriptions and
prices. White Hol-
land Turkeys. Dr. W. W. Spencer, Mankato, Kan.

SHORTHORNS.

Oscar Green's Shorthorns Popular
breeding.
Stock for sale. A good herd bull proposition.
OSCAR GREEN, MANKATO, KANSAS

K. C. White Wyandotte Cockerels, choice
stock \$1.00 each
if taken soon. Also 7 Duroc Jersey boars. Chilcott
Poultry and Stock Farm, Mankato, Kan.

GUERNSEY CATTLE.

W. E. EVANS, Jewell, Kan.
Breeder of Guernsey cattle. Nothing for
sale now, but watch this space.

JERSEY CATTLE.

100 JERSEY COWS AND HEIFERS
Health test with each animal. Write for prices
and descriptions. J. W. BERRY, JEWELL CITY, KANSAS.

D. S. POLLED DURHAMS.

YEARLING BULL, nice red and splendid
calf. Also some fine
bull calves ready for service next spring. R. T.
VANDEVENTER & SON, Mankato, Kan.

PERCHERONS.

PERCHERON Stock for sale.
Always good horses
in service.
H. G. MYERS, HARDY, NEB.

AUCTIONEERS.

John Brennen & Son
ESBON, KANSAS
WRITE OR PHONE FOR DATES

M. S. HOYT, MANKATO, KAN. Write or phone
Livestock Auctioneer for dates.

Frank Regan Livestock
Auctioneer
ESBON, KAN. WRITE OR PHONE FOR DATES.

Ole Hanson, Livestock Auctioneer
Mankato, Kan. Write or phone for dates.

DAN GALLAGHER, Jewell City, Kan.
LIVESTOCK AUCTIONEER Write or phone
for dates.

N. B. PRICE Livestock
Auctioneer
MANKATO, KANSAS. Write or phone for dates.

BERKSHIRES.

Berkshire Pigs

Choice pigs, either sex, 10 to 16 weeks old, sired by ROBINHOOD PREMIER 2d, or Adam, a son of Rival's Lord Premier. Nothing but the very choicest specimens shipped. Prices: registered, crated F. O. B. here—one \$20; two \$35; three \$50. W. J. CRIST, Ozark, Kan.

DUROC-JERSEYS.

Dreamland Col.—Riverbend Col.
March boars by these sires. Prices right. Write for descriptions and prices. Leon Carter, Asherville, Kans.

MODEL AGAIN Duroc boars, \$12.00
Baby gilts, \$25.00
Bred gilts, \$50.00. R. W. Baldwin, Conway, Kan.

Smith's Durocs Fashionably bred boars, including grandsons of the great Graduate Col., and a herd-leading son of the champion Tatarax. Also spring boars. J. R. SMITH, NEWTON, KANSAS

20 March Boars by Blue Valley Look, King Hercules, Big Ben (Champion), and Ott's Big Orange, (J. O. James), Mature Dams. J. F. FOLEY, Newton Co., J. Bronoque, Kan.

100 SPRING PIGS Sired by King Hadley, King Blain, Jr., King John and Long John and, priced right and guaranteed. W. L. BAKER, RICH HILL, MISSOURI.

DUROC-JERSEYS 25 sows and gilts, bred or open. Summer and fall pigs. Best of breeding. Hard boar. E. C. WATSON, Altoona, Kan.

PIGS BY THE GRAND CHAMPION
I am offering 25 Duroc-Jersey male pigs by Col. Wonder, sired by the Me. State Fair 1912, and grand champion Me. State Fair 1913. Write CHAS. L. TAYLOR, Olean, Missouri

CROCKER'S IMMUNE DUROCS
250 early spring pigs, Duroc-Jerseys, for sale. I ship on approval. No money down before inspection. Prize winning sires. F. C. CROCKER, Filley, Neb.

McCarthy's Durocs
A few October boars by J. R.'s Col. by Graduate Col. Also a son of the champion Tatarax, that should head some good herd. Dan McCarthy, Newton, Kan.

Red, White and Blue Duroc Farm
A few service boars, open and bred gilts, bred sows and weaned pigs sired by the Grand Champion boar 1912, American Royal. JAMES L. TAYLOR, OLEAN, MISSOURI

PERFECTION STOCK FARM
Duroc-Jersey boars, Nov. and Dec. farrow, sired by sons of B. & C's Col., Buddy K IV and Grand Master Col. First Choice \$25; second choice, \$20 for next 30 days. Weight 150 to 175 lbs. ELASEN BROS., Union City, Oklahoma

GOOD E. NUFF AGAIN KING 35203
won Grand Champion prize at the Kansas State Fair, 1913. One of the greatest Durocs living. Special prices on herd boars for thirty days. W. W. OLEY & SONS, WINFIELD, KANSAS
"The Men With the Guarantee."

Jones' Durocs

All bred from the best blood lines and of the large type. Anything from a herd boar down to a pig. Stock all immunized from cholera. Description guaranteed. Write me your wants. W. G. JONES, MACOMB, ILL.

TATARRAX Herd DUROCS
Writes today describing the kind of Duroc boar you want. We have the best young boars we ever raised. They are by G. M.'s Tat Col., and the grand champion Tatarax. Prices reasonable. HAMMOND & BUSKIEK, NEWTON, KAN.

HILLSIDE DUROCS
Some very choice March boars and gilts, and a few summer pigs by Dandy Model (by Dandy Lad, and out of Lincoln Model) and a few summer pigs by him out of high class sows. W. A. Wood & Son, Elmdale, Kan.

Duroc-Jersey Spring Pigs
Dark cherry, sired by Bull Moose Col. 188255, he by King the Col. 89533 and out of large prolific sows of popular breeding, priced reasonable, and f. o. b. your station if desired. Arthur A. Patterson, Ellsworth, Kan.

Durocs
An exceptional herd boar by the champion B. & C's Col., and out of a Buddy K. 4th dam, weight about 550 pounds, two years old, \$65.00. Spring boars weighing 135 to 200 pounds, Col. and Buddy K. 4th breeding, \$18.00 to \$25.00. Open gilts same age and breeding, \$16.00 to \$23.00. JUDAH BROS., HIATTVILLE, KANSAS.

Quivera Place Durocs
Spring Pigs now ready and going. Write for prices. E. G. MUNSSELL, Herington, Kansas.

Stith's DUROCS
Sows and gilts bred to and young boars and gilts by Model Duroc, one of the best sires of the breed. His half brother and sister were grand champions. His sire was a champion. Write today. CHAS. STITH, Eureka, Kansas

BANCROFT'S DUROCS
We hold no public sales. Nothing but the best offered as breeding stock. March and April boars and gilts weighing 175 lbs. and up, \$25.00. Gilts bred to order for spring litters, \$35.00 each. Sept. pigs about Nov. 1st, \$12.50 each. Customers in 10 states satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KANSAS.

Bonnie View Durocs
Three well winning fall boars, weighing 500 pounds each, for sale. They are sired by Grand Champion Tat A Willie. Also spring boars and gilts of the same breeding. Sears & Cella, Berryton, Kansas.

ter still make a personal inspection of the herd. Kindly mention the Mail and Breeze when making inquiry.

Boars by Mammoth Ideal.

Merton Williams of Valley Falls, Kan., each year has held a very successful boar sale. He has built up a trade in boars to the extent that his herd is recognized as headquarters for the best. On account of the dry weather and because he did not raise as many this year as usual he is not holding a sale, but is offering the best—just the tops—at private treaty. These are sired by Mammoth Ideal, one of the really good big type boars and by Expansive B., a good breeding son of Expansive B. These are out of Mr. Williams's best bred big type sows and are good. An exceptionally good February pig out of a Guy's Monarch sow is for sale. This is a herd header of the first calibre. The others are good and are priced to sell. Write Mr. Williams for his prices and description of the stock he has for sale. Kindly mention this paper when writing.

Publisher's News Notes

Jenkins Wins Suit.

A second time the J. W. Jenkins Sons Music Company of Kansas City has been victorious in the courts in protecting the name and reputation of their well known Elburn piano. The first suit was against the H. F. Nelson Piano Company of Chicago which was stopped by perpetual injunction. The second was decided on July 23 in the district court of the United States for the western district of Oklahoma and was against the Armstrong-Byrd Piano Company of Oklahoma City. It will be interesting to know the name Elburn was chosen by the J. W. Jenkins Sons Music Company because Elburn, Ill., is the name of the birthplace of the Jenkins family. To perpetuate this name and to make a lasting reputation the name Elburn was chosen some years ago. A great deal of money has been spent in pushing a campaign to promote the merits of this superior piano. The Jenkins Company has an announcement in this issue of Farmers Mail and Breeze which it will pay every reader of this paper to study.

Look Out for New Corn.

Now is the time of year farmers are forced to feed new, soft corn. New corn not only helps to produce indigestion, but is apt to contain the larvae of worms and when fed to hogs already afflicted with outbreaks of swine disease may be looked for. Cholera and swine plague seem to be more prevalent at about the time new corn is being fed. Worms are dangerous to hogs at any time, but more so when animals are yarded and put on full feed. Worms lower vitality and leave animals in poor condition to resist disease. If you are about to feed new corn it will pay you to give particular attention to the results from day to day. Prevention, by ridding animals of worms, is now considered the only safeguard against contagious diseases. Animals must be kept in condition. We know of no better conditioner than the preparation offered by Mr. Sidney R. Fell, president of The S. R. Fell Co., Mfg. Chemists, Cleveland, Ohio. This preparation—Sal-Vet—is a medicated salt—rids hogs, and in fact, all other stock of the stomach and intestinal worms that sap vitality. Those who have fed Sal-Vet praise it highly. Mr. Fell offers to send enough of this worm destroyer and conditioner to last your stock for 60 days without other obligation than to feed it as directed. The complete offer can be found in Mr. Fell's advertisement on page 28 of this issue. We recommend his plan to all our readers, especially those who have never given his preparation a trial.

Corn, 54 Bushels an Acre

Mr. Editor—I have been asked how I grew 54 bushels of corn to the acre this year. This was my plan: I plowed the ground nine inches deep last November. Then, when spring came I harrowed the ground several times, making a fine seedbed. Then I top-plowed it the fore part of April as early as possible. As soon as corn was up I harrowed it lengthwise, then crosswise, having my corn thick. Then I plowed it with a two-horse cultivator. Then I harrowed it again. After that I went over it with a five-shovel cultivator four times. Now I am gathering 54 bushels to the acre. My land is upland. Whether this would prove O. K. in a wet season I do not know.

Joseph P. Walencjak.

Pawnee, Okla.

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Am enclosing check for \$1.90. Am beginning to get inquiries in regard to those bulls already.

Yours truly,

E. F. YOUNG,
Breeder of Galloway Cattle,
Richland, Kan., April 15, 1913.

Farmers Mail and Breeze, Topeka, Kan. Enclosed please find check for \$7.65 in payment of last quarter of our advertising contract which expired July 27, 1912. We have profited greatly by reason of this advertising with you and have realized many times the cost in sales that we otherwise would not have made. You may send us another contract for our signature on the same terms as that of last year. We are in need of a Kansas wall map and would be pleased to have your prices on same. Yours very truly,

THE BAKER REALTY CO.,
Real Estate Dealers,
Mountain Grove, Mo., August 21, 1913.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

Royal Scion Farm Durocs

The great Graduate Col., assisted by Col. Scion, heads this herd. Fall and spring boars, fall and spring gilts bred or open and fall pigs, either sex. G. C. NORMAN, R. 10, WINFIELD, KANSAS.

OVERLAND GUERNSEY FARM

THE FINEST HERD OF IMPORTED GUERNSEYS IN THE COUNTRY



PEGGY OF OVERLAND (Trade Mark)

Imp. Moss Raider, a strongly bred May Rose bull and Imp. May Royal, a line bred Golden Secret, Chief stock bulls. Cows and heifers of best imported strains. All cows tested for advanced registry. In order to introduce the Guernseys in the West, we will make attractive prices on young bulls and cows and heifers, bred and open. Special inducements to new breeders in herd foundation material. If you wish to improve the quality and production of your milk, cream and butter, use a Guernsey sire. Unsurpassed in constitutional vigor, adaptability, and richness of product. Correspondence invited—your personal inspection preferred. Call on or address

Overland Guernsey Farm, Overland Park, Kans.
C. F. Holmes, Owner. W. C. England, Mgr.
Eight miles S. W. of Kansas City on Strang Line. Station at Farm

Blue Valley Breeding Farm

20 years the home of Herefords. 300 head in herd. 15 bulls for sale ranging in ages from 6 to 11 months. \$75 to \$150 delivered at your station. Also a nice bunch of heifer calves for sale. Everything registered or eligible. Registered Poland China fall and spring boars for sale. 50 Banded Rock cockerels for sale. Write for descriptions and prices.

FRED R. COTTRELL, Marshall County, IRVING, KANSAS

HEREFORDS.

KLAUS BROS.' HEREFORDS

Two choice yearling bulls, herd headers for sale, sired by Fulfiller 3rd, Fulfiller 25th and Bean Onward. Our calf crop is the best we ever had.

KLAUS BROTHERS, BENDENA, KANSAS.

GALLOWAYS.

GALLOWAY CATTLE

and OXFORD DOWN SHEEP
Imported and home-bred, absolutely equal to the best.

C. S. HECHTNER, Box 66, Chariton, Iowa

SHORTHORNS.

Pearl Herd of Shorthorns

Choice young bulls—last spring calves—either Scotch or Scotch-Topped breeding. Well grown and in good growing condition. Can ship via C. R. I. & P. A. T. & S. P. U. P., and Mo. Pac. Address

C. W. TAYLOR

ABILENE : : KANSAS

SHORTHORNS.

Scotch and Scotch Topped Cattle

Bulls, cows in calf, by RICHIELEU 387749. Bulls, cows in calf, by Brawth Heir 382698. We will sell Lavender Bud, a good class junior yearling that combines the blood of Choice Goods. Gallant Knight and Colbyne on a Cruickshank Lavender foundation. Write for prices.

CLARENCE WHITE, Burlington, Kan.
(300 bushels of alfalfa seed for sale.)

Shorthorn Cattle

High class cattle, both Scotch and Scotch Topped. Both sexes. 2 yearling bulls; extra good. One by Baron Cumberland, the other by Silk Goods. Both red and large enough for a reasonable amount of service. S. C. R. I. cockerels. DR. W. C. HARVEY, LENEXA, KAN.

DAIRY CATTLE.

DAIRY CATTLE all kinds from one to car load lots on short notice. I guarantee satisfaction. Jack Hammel, 215 Adams St., Topeka, Kan.

LINSCOTT JERSEYS

Only Register of Merit herd in Kansas. Choice heifers and cows at \$100.00 and up. Bulls \$50.00 to \$150.00. Breeding and individual quality the very best obtainable. E. J. LINSCOTT, Holton, Kansas

LOOKABAUGH'S SHORTHORNS

SOLD ON TIME AT PRIVATE SALE

Six or nine months time if desired. What we want is your trial order. Young heifers and Bulls at \$75, \$100 and up. Two heifers and a Bull, not related, \$200 for the three—Others higher.



High class Herd Bulls, close to Imported Scotch Dams, and sired by such sires as Lavender Lord by Avondale. Nicely bred young heifers from milking strains, rugged young bulls, the Farmer and Stockman's kind; cows with calf at foot and rebred. A great variety of prize-winning blood. If you want breeding stock do not miss this opportunity. As many good Shorthorns cannot be seen on any other farm in the whole Southwest nor so many wonderful producing cows of such excellent breeding.

Over 200 Head From Which to Select This splendid array of Foundation Shorthorns carry the Best Blood of the Best Families and the Best Royal Sires of the Breed.

KEEP YOUR EYE ON THIS SPACE

It will be used in the coming issues of this paper for the benefit of the Shorthorn breed in general and the Pleasant Valley Shorthorn herd in particular. I am thoroughly in earnest about this Shorthorn business and believe in helping along a good cause. If you are a lover of good Shorthorns I want to make your acquaintance. Visitors are always welcome at Pleasant Valley Stock Farm. If you cannot come, write

H. C. Lookabaugh, Watonga, Okla.

DAIRY CATTLE.

HOLSTEINS Large type, State inspected and tuberculin tested. Fine registered bulls, cows and heifers; also 100 grade cows and heifers. M. P. Knudsen, Concordia, Kan.

Holstein Bred Cows and Heifers

"EIGHTY HEAD"

Choice individuals personally selected, Wisconsin bred tuberculin tested, pure bred, unrecorded and high grade females, recorded bulls. Grade bull and heifer calves. ARNOLD & BRADY, Manhattan, Kan.

HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

BANKS' FARM JERSEYS
Quality with milk and butter records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale. W. N. BANKS, Independence, Kan.

HOLSTEIN CATTLE High grade Dairy cows and heifers sold in lots to suit purchaser. Special prices on car lots. The best of milking strains and at prices you can afford. Write today. W. G. MERRITT & SON, Great Bend, Kan.

OAK HILL HOLSTEINS
Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested. BEN SCHNEIDER, NORTONVILLE, KAN.

Bonnie Brae Holsteins

For sale, about 80 head of high grade young cows, 2-year-olds and bred yearlings. These cattle are strictly first class, with many heavy springers. Come and see them. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

H. F. ERDLEY & SON

Holton, Kansas

City Park Stock Farm
The Sunflower Herd Jersey Cattle
Imported and American Bred. Herd headed by *Castor's Splendid*, imported. Also general auctioneer of Farm and Livestock. Special attention given thoroughbred stock. I kindly solicit your sales and wants. Farm one-half mile east of Holton, Kansas. PHONE 11 ON 38.

SOMMER-BLATS GUERNSEYS!

Prince Fern of Old Orchard 22181, by the champion, Prince Rosendale Jr. (19214), out of the champion, Agness Fern, chief stock bull. Females in Advanced Registry. Foundation from best New York, Wisconsin and Iowa herds. For sale: Bonnaville 16542, a tried sire, by Imp. Ithen Masher, also young stock in both bulls and heifers. Improve the quality and production of your milk by using a Guernsey sire. Call or write me your wants. ERNEST KENYON, Nortonville, Kansas.

HOLSTEIN Cattle

During the next 60 days I will sell:
125 High-grade, well-marked Holstein heifers, age one year to 1½, just being bred to a h. ch class registered bull.
250 High-grade, well-marked Holstein heifers, ranging from 2 to 3 years old, all bred to extra good registered bulls, to freshen from Aug. 1 to Dec. 1, 1913.
100 Matured cows, springing bag ready to freshen. Most of them in calf from registered bull.
40 Select, well-marked registered bulls, extra nice individuals, ages from 6 months up.
A few good registered cows in calf by an A. R. O. bull. Write me for particulars. JAMES DORSEY, Dept. M. B., Gilberts, Kane Co., Illinois

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale. C. M. HOWARD, HAMMOND, KANSAS.

ABERDEEN-ANGUS.

Aberdeen Angus Cattle

SUTTON FARM

Have 30 young heifers and thirty bulls to sell; for prices and particulars, address SUTTON & PORTEOUS, R. 6, Lawrence, Kan.

Angus Cattle

Bulls all sold but a fine lot coming on for fall trade. Write your wants. W. G. DENTON, Denton, Kan.

JACKS AND JENNETS.

Kentucky Jack and Percheron Farms
Big bone Kentucky, Mammoth Jacks, Percherons and saddle horses. Catalogs Nov. 15, Cook & Brown, Lexington, Ky.

Jacks and Jennets

80 large boned, black Mammoth Jacks, 15 to 16 hands, standard. Guaranteed and priced to sell. The kind all are looking for; also good young Percheron stallions. References: 5 banks of Lawrence. 40 miles west of Kansas City, on Santa Fe and Union Pacific. AL. E. SMITH, Lawrence, Kan.

Feeds Ground Wheat to Hogs

Our corn crop is short and I have been feeding ground wheat to fattening hogs, but as I have been told that they will not fatten well on wheat alone I have been mixing shelled corn with the ground wheat and feeding the mixture in a self feeder. I have been feeding about one part corn and two parts wheat. Will you tell me what is the most profitable way to fatten hogs? Should I feed cottonseed meal, tankage, or some other byproduct with the feeds I have been using?—Washington, Kan., Inquiry.

Ground wheat has about the same feeding value as corn when fed to fattening hogs and can be used in the place of corn. It is true that hogs do not fatten well on wheat alone. A mixture of corn and wheat will give better results than either fed separately. Ground wheat forms a sticky mass, when mixed with the saliva, which balls in the hog's mouth and stomach thus making it less palatable than corn. It should always be fed with some other more palatable grain that will overcome this difficulty. The mixture of corn and wheat will give good results but it will be much improved by the addition of a little tankage. The price of tankage is not given but if it can be obtained at prices generally quoted over the country it will pay to add about 8 pounds of tankage to every 100 pounds of the mixture of corn and wheat that now is being fed.

Cottonseed meal is not a safe feed for hogs and its use to any considerable extent is not to be advised. It is true that some experiment stations have shown that it can be fed for a short time with no injurious effects and that the ration is often much cheapened by its use. Granting that it may be fed without injury we know that losses do sometimes occur and corn and hogs are too high for the farmer to run much risk experimenting and the safest plan is to let cottonseed meal alone. Other feeds that are known to be safe, and of equal feeding value, are selling just as cheap and should be used instead.

My experience with fattening hogs has been that they make the best gains when fed just what they will eat readily at each feed. They should come to the next meal with a good appetite. I have never thought it a good plan to keep feed continually before the hogs and for that reason have not favored the plan of filling a self feeder with enough grain to last for several days. The self feeder can often be used for convenience in feeding and to prevent waste but it is not generally considered a good plan to distribute at any time, more grain than the hogs will eat readily at one feed. T. W.

He Has Feteritis

I have been reading with much interest the numerous letters sounding the praises of feterita, the marvelous dry weather grain and forage crop, but have not read an article which did justice to this wonderful plant. It has been said that it will produce a crop of grain with only enough moisture to bring it up; that it is chinch bug proof, and so on. This is all true but I should like to add that it will produce three crops under the same conditions.

If planted May 1 to 15, the first crop may be harvested in July by going through the field and heading. The plant will then send out new seed heads which by September 1 can be cut with the stalks and shocked. A heavy growth of feed will come up from the roots which will make fall feed until frost and will not injure the stock. I have tested it out on my farm this year, alongside of Indian corn, cowpeas, kafir and cane, all of which were failures this year, and the feterita resisted all the evils—dry weather, chinch bugs, cut worms, grasshoppers—coming out a glorious conqueror. Too much cannot be said in praise of this marvelous grain. When one thinks that for 60 to 75 cents, an acre can be planted that will yield from 60 to 80 bushels of grain besides plenty of feed, I think one will agree that feterita means much to the individual and the community, and is a great boon to Kansas. F. E. Pierce, R. 6, Box 26, Parsons, Kan.

Any Sweet Clover Seed?

Sweet clover seed is needed by J. T. Taylor, Bradley, Okla. Write him if you have any to sell.

Blessed are the happiness-makers. They shall get some of it themselves.

Hampshire Sheep

Hampshire Hogs. Three weanling boars, choice belting and type.

12 ram lambs, \$12 each, 20 ewe lambs, \$10 each, 24 year-old ewes, \$10 each, 13 three-year-old ewes, \$10 each.

E. S. Talliaferro, Russell, Ks.



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 Young bulls ready to ship. Cows and heifers for sale. Best of breeding. Write, or better come and see. CHAS. MORRISON & SON, Phillipsburg, Ks.

Duroc-Jerseys—Red Polls 12 growthy yearling yearlings. Pigs for sale at popular prices. Females bred for fall farrow. "Big Growthy Type" Red Poll Bulls and young females for sale. Write Geo. W. Schwab, Clay Center, Neb.

PUREBRED HORSES.

Dispersion Sale

Percherons, Jacks and Holstein Cows
One black Percheron stallion 8 yrs. old, wt. 1900 lbs.; one dark bay colt 3 yrs. old, wt. 1900 lbs.; one dark bay imported German coach stallion 8 yrs. old, wt. 1600 lbs.; one Standard bred stallion, Pactolus Ellwood No. 50245, wt. 1330 lbs.; one black mammoth bred Jack, 15.2, (4 yrs. old) wt. 1100 lbs.; one black Jack 5 yrs. old, wt. 1000 lbs.; Four young Holstein cows, all giving a big flow of milk and all gentle. My reason for selling these cows is that I am going to build up a pure Guernsey herd. O. L. THISLER & SONS, CHAPMAN, KANS.

PUREBRED HORSES.

OUT OF THE BEATEN PATH

Away from crowded city barns where price has to be higher or stallion plainer, take a little trip on the quiet to my farm and see big bunch reg. Percheron studs, weanlings to 4 yrs; growthy, useful, money-makers for you. The farm is where they are raised and where you ought to buy them. Fast trains direct from Kansas City and St. Joe. Fred Chandler, Route 7, Chariton, Iowa.



WOLF BROTHERS are home again with a BIG IMPORTATION of the best

Percheron and Belgian

Stallions and Mares

that could be found in Europe. Write for free photographs from life WOLF BROS., Albion, Neb.

LAWNSDALE STOCK FARM COACHERS!

We have a few of our great Oldenburg German Coach stallions and mares left and are pricing them for quick sale. Anyone wanting this kind of stock would make no mistake by investigating our herd at once. Write or call on us. JOS. WEAR & SON, BARNARD, KANSAS.



Bergner & Sons' German Coach Horses

German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon. J. C. BERGNER & SONS, Waldoock Ranch, PRATT, KANSAS.

Blue Valley Stock Farm

Largest Belgian Importing and Breeding establishment in the West. Importation of Belgian stallions and mares arrived Sept. 7th. Many of our horses were medal-winners at the foreign shows this year, all are sound, acclimated and ready for service. Lowest prices and safest guarantee of any firm in the business. Also a few extra good Percherons. Write us.

W. H. BAYLESS & CO., Blue Mound, Linn County, Kans.



Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand. H. H. JOHNSON, CLAY CENTER, NEBRASKA.

Imported Percheron Stallions

Each year I select 35 or 40 horses in France, so good and so correct in type, that any one of them will prove a great benefit to the man who buys him. I have a new lot now. At the Shows of the Southwest Circuit, our horses won every Championship and every Group of Five in 1913, as they have done most of the past five years. Our horses are handsome—our contract just and right—our insurance the very best. Come or write.

PERCHERON IMPORTING COMPANY

Charles R. Kirk,

St. Joseph and South St. Joseph, Mo.

Lamer's Percheron Stallions and Mares

Fifty head to select from. Let me know your wants.

C. W. LAMER, Salina, Kan.

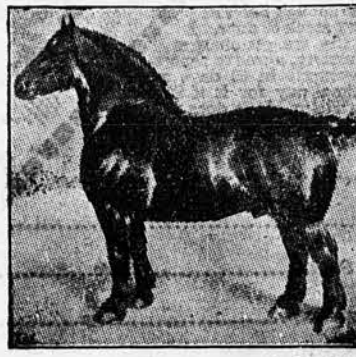
L. R. WILEY

The West's Largest Importing and Breeding Establishment of

Percherons, Belgians and Shire Stallions and Mares

125 head. The best collection in America. Determine this by inspecting them yourself. Prices lowest and safe guarantee. Write or come and see us.

L. R. WILEY
Emporia, Kan.



"Two of my neighbors just over the fence lost all of their hogs. I have been feeding 'Sal Vet' and have not had a sick hog on the place, and furthermore, mine are the best hogs in the neighborhood."—John Koester, Bowling Green, Mo.

"'Sal Vet' cannot be beat as a conditioner for hogs. I shipped a small bunch of these 'Sal Vet' fed hogs to market, and while they were in the stock pens, they could be readily distinguished fifty feet away, because of the healthy, glossy appearance of their

skin. I could say more in praise of 'Sal Vet', but it will talk for itself wherever tried."—A. L. Mayer, Rt. No. 4, New Haven, Mo.

less, in bad shape generally, but are now fattening rapidly, and a new coat of hair is started. Our cream test started at 30 and ran rapidly to 45 after feeding 'Sal Vet' for a short time."—Mr. P. A. Keefe, Rt. No. 2, Geuda Springs, Kansas.

I'll Stop Your Losses From WORMS

I'll Prove It or NO Pay—

IF YOU will fill out the coupon below—tell me how many head of stock you have, I'll ship you enough Sal-Vet to last all your stock 60 days. I'll do this entirely at my risk and without asking a single penny of pay in advance. All I want is the privilege of proving to you right in your own barnyard what I have proved to thousands of other farmers. I want to show you how to rid your stock of worms—how to make all your farm animals grow faster, thrive better, keep healthier, put on more flesh on no more feed—**make you more money.** You can't afford not to accept this remarkable offer.



The Great WORM Destroyer

REG. U.S. PAT. OFF. **Great LIVE STOCK Conditioner**

is the biggest boon to stock owners ever discovered. It is a wonderful medicated salt which rids farm animals of their greatest enemies—the deadly stomach and intestinal worms. It kills and expels these blood-sucking, life-sapping parasites and makes farm animals sleek, thrifty, healthy, flesh-building money-makers and greatly lessens the danger from hog cholera and many other diseases. Read these letters—

"The benefit which my horses, cattle and sheep derived from the use of 'Sal-Vet' is such as to make it almost indispensable."—A. L. Martin, Director of Institutes, Dept. of Agriculture, Harrisburg, Pa.

"Your 'Sal-Vet' has done all that you claim and perhaps more. Hog cholera has been all around me and I have not had one sick hog. I cannot praise 'Sal-Vet' too highly, and I do not hesitate to recommend it to all hog raisers."—A. O. Kellogg, Troy Grove, Ill.

I'll Feed Your Stock **Sixty Days** Before You Pay

Just as I have for hundreds of thousands of other farmers who sent me the coupon. Send no money. I don't ask you to risk one penny. Tear off the coupon below, mark down the number of hogs, sheep, horses, cattle and mules you own, give your name and address and shipping station and I'll send you enough Sal-Vet to last all your stock 60 days. You simply pay the moderate freight charge when it arrives and at the end of 60 days report results. Tell me what Sal-Vet has done for you and if it don't do what I claim—if it fails to rid your stock of the dangerous stomach and intestinal worms I'll cancel the charge—you won't owe me a penny. It is no trouble to feed Sal-Vet. Being a salt animals like it and run to it freely.

They Doctor Themselves

It requires no dosing, no doping, no drenching, no starving, no trouble at all. Surely then you can't afford to deprive your stock of this great blessing—you can't afford to turn down this liberal offer when many Agricultural Colleges, prominent breeders and hundreds of thousands of farmers will tell you it pays to feed Sal-Vet, especially since you can try it at my risk and without a penny of pay in advance.

Sidney R. Feil, Pres., THE S. R. FEIL COMPANY,
Mfg. Chemists, Dept. FM&B Cleveland, O.

Send No Money Just the Coupon

SIDNEY R. FEIL, Pres.
THE S. R. FEIL CO.
Dept. FM&B Cleveland, O.

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.

Name.....

P. O.

Shipping Sta.....State.....

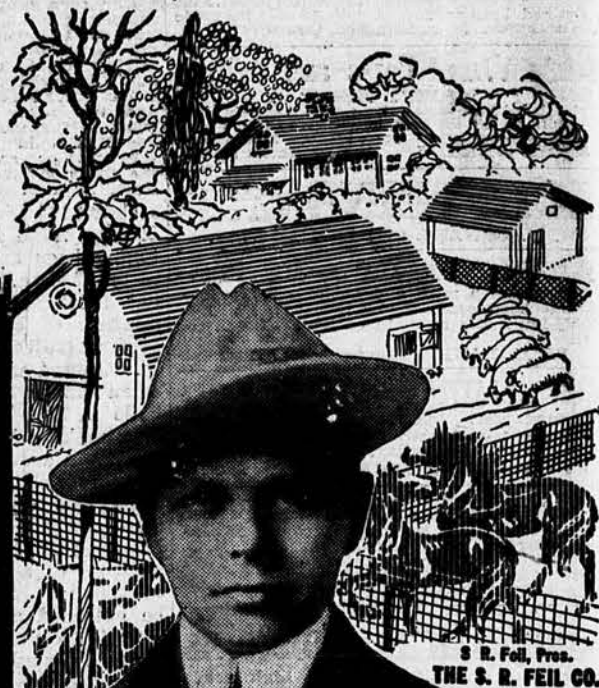
Number of Sheep.....Hogs.....

Cattle.....Horses.....



Look For This Trade-Mark

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.



S. R. Feil, Pres.
THE S. R. FEIL CO.

Read What SAL-VET Users Say:

"Hog cholera broke out all around here, but not one of my hogs became sick. I cannot praise 'Sal-Vet' sufficiently, and I do not hesitate to recommend it to all swine raisers."—J. E. Strobl, Rt. No. 1, Box 15, Lohman, Mo.

"Have used 'Sal-Vet' on two of my horses and notice a marked improvement in their condition. They have passed a large number of worms and are now picking up in flesh."—Wallace W. Case, Rock Hill, N. Y.

"I am a large user of 'Sal-Vet' and we have a large flock of Shropshire sheep, and our farm is, as you might say, sheepled to death; we are not bothered in the least with worms. Out of 191 lambs that we had dropped this year, we lost only one, and that death was not caused by worms."—Henry L. Wardwell, Springfield Center, N. Y., Ex-President of American Shropshire Association.

"I honestly believe that the hundred pound keg of 'Sal-Vet' which I fed, paid me a profit of \$75.00."—R. J. A. Swafford, Litton, Tenn.

"As soon as the 'Sal-Vet' was received, we began feeding it at once to our sheep, that had been dropping off with no warning whatever. Am glad to say that we have lost only one since that day, but no more. Horses, hogs and cattle have done splendidly since having free access to 'Sal-Vet' and I am free to say that I never had better success with any preparation, than I have had with yours."—J. B. Burrows, Decatur, Ill., Director 19th Congressional District Illinois Farmers' Institute.

PRICES 40 lbs., \$2.25; 100 lbs., \$5.00; 200 lbs., \$9.00; 300 lbs., \$13.00; 500 lbs., \$21.12. Special discount for large quantities. No orders filled less than 40 lbs. on 60-day trial 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 pkgs.

Mr. Feil is a Registered Pharmacist, a graduate of the Cleveland School of Pharmacy and of the National Institute of Pharmacy. He has been engaged in laboratory work for more than 25 years and was formerly assistant to Dr. Nathan Rosewater, former Chemist of the Ohio State Dairy and Food Commission, for many years has been engaged in compounding veterinary remedies.