

# KANSAS FARMER

For the improvement  of the Farm and Home

Volume 50, Number 43. TOPEKA, KANSAS, NOVEMBER 2, 1912. Established 1863. \$1 a Year

**W**HATEVER is put into the life of the child remains in the life of the man.

Whatever of intelligence, perseverance, ingenuity, energy, method, *strength*, the man has in him will be written in his work. Men are not made to make money—money is made to make men—and he who drudges his life away with the dollar as its only object, shrivels his soul, stunts his stature and succumbs to sordidness.

Recreation is as necessary now as creation was, and since the great Pan first bored the flute from the river reed, music has rested, refreshed, rejuvenated, restored. Not all have the talent to make music, nor time nor training, and disappointment and desolation have come to many a home for lack of the culture which attends it.

Edison's invention affords the recreation, gives the pleasure, trains the senses and develops the culture which keep the girls on the farm—and with them will stay the boys.

—I. D. G.



*Labor Cannot Exhaust When Recreation Alternates*

(Advertisement)

# The Issue in Which Loyal Kansas Republicans are Vitally Concerned

Next Tuesday, the voters of Kansas will decide whether the electoral vote of the state shall be cast to PRESERVE OUR PRESENT PROSPERITY, or whether it shall be cast for the enemies of the Republican Party, and an invitation be thereby extended for a return of the depression and despair of 1893. In the decision as to this grave issue, the voters of all parties will have a part.

There is another issue to be met, however, with which Republican voters are vitally concerned. With them rests the sole responsibility for the manner in which it is met.

**SHALL THE REPUBLICAN PARTY BE PRESERVED?**

Theodore Roosevelt has organized a third party, nationally. He has organized that third party, with its own state ticket, in every state where, to quote his own language, he has not been able "to take over the Republican organization bodily." He has attacked the Republican Party as "a rotten husk," and seeks to destroy it.

Roosevelt, and all the leaders of the Bull Moose Party, know that his presidential candidacy is futile so far as hopes of success in this campaign are concerned. It is their hope that Roosevelt's candidacy will defeat Taft by a division of Republican votes. The third term campaign is calculated only to complete the destruction of the Republican Party.

Medill McCormick, a heavy financial backer of the Bull Moose Party, whose wealth is largely derived from Harvester Trust profits, has stated within the past ten days that the Roosevelt leaders propose to take up the work of organizing their third party thoroughly in every state, immediately after election, and that they will not cease in their efforts until the Republican Party is completely destroyed.

William Allen White, Henry J. Allen, Fred S. Jackson, Victor Murdock, J. L. Bristow, Arthur Capper, W. R. Stubbs and other Bull Moose leaders have made statements during the campaign indicating that they are in harmony with the Roosevelt program as outlined by McCormick, and that they will join in working to completely destroy the Republican Party as a force for good in Kansas.

Every vote cast by a Kansas Republican, in support of Roosevelt and the candidates in Kansas who are supporting him, is a vote to encourage the men who plot the destruction of the Republican Party. The duty of loyal Republicans next Tuesday is not wholly discharged, therefore, when they have cast their ballots for Taft and Sherman and the continuance, nationally, of Republican policies. The integrity and perpetuity of the Republican Party are at stake. Republicans have a duty to discharge in the protection of their party from the treason of men, who while masquerading as Republican candidates, are intimately associated in the conspiracy to wreck the party.

Roosevelt did not organize his third party in Kansas this year and put a state ticket in the field, because he was persuaded that he would be able to "take over the Republican organization bodily." Men masquerading as Republicans, secured nominations for state offices on the Republican ticket and then allied themselves with the Bull Moose Party. Party traitors plotted to destroy the Republican Party from within the party.

In the Party Council these false candidates voted as directed by William Allen White, Progressive National Committeeman from Kansas, and W. R. Nelson, Progressive National Committeeman from Missouri, against the Stone resolution demanding that Roosevelt electors be withdrawn from the Republican column on the ballot.

They voted for a resolution directing the Secretary of State to violate the law and take the names of Taft and Sherman off the Republican ticket in Kansas as the party nominees for President and Vice President.

They have acquiesced in the control of the so-called Republican State Central Committee in the interest of Roosevelt, and have made no demand that the committee should support the national candidates of the Republican Party.

These candidates are not supporting Taft and Sherman, the national candidates of the Republican Party. They are

contributing to the support of Roosevelt, the man whose candidacy makes possible Democratic victory in the national campaign.

In a party crisis, these candidates from whom Republicans have a right to expect and demand absolute and entire loyalty, have proven recreant. Their present disloyalty is beyond dispute. Pledges they may make as to future loyalty are worthless.

Following is the roll of candidates in this campaign who have betrayed the Republican Party. Cut this list out and take it to the voting booth with you:

**W. R. STUBBS**, candidate for the United States Senate.  
**ARTHUR CAPPER**, candidate for Governor.  
**J. L. BRADY**, candidate for Congress, Second District.  
**FRED S. JACKSON**, candidate for Congress, Fourth District.  
**R. R. REES**, candidate for Congress, Fifth District.  
**I. D. YOUNG**, candidate for Congress, Sixth District.  
**GORDON L. FINLEY**, candidate for Congress, Seventh Dist.  
**VICTOR MURDOCK**, candidate for Congress, Eighth Dist.  
**SHEFFIELD INGALLS**, candidate for Lieut. Governor.  
**EARL AKERS**, candidate for State Treasurer.  
**W. D. ROSS**, candidate for State Superintendent.  
**IKE S. LEWIS**, candidate for Insurance Commissioner.  
**W. C. AUSTIN**, candidate for State Printer.

Arthur Capper and W. R. Stubbs have been conspicuous figures in the development of the Bull Moose conspiracy to betray the Republican Party. They were original conspirators with William Allen White in the plot to disfranchise loyal Republicans by placing Roosevelt electors on the Republican ballot and thereby preventing Republicans from casting their votes for Taft. When the Bull Moose electors were driven from the Republican column, Capper and Stubbs refused to follow them as decent politics demanded. Capper and Stubbs are not Republicans, but they seek to profit politically by hiding behind the Republican name and emblem. They hope to receive the support of Republican voters who are not informed as to their sympathy and accord with the Bull Moose plan to continue the fight to destroy the Republican Party.

Of the plans of the Bull Moose leaders to continue effort to destroy the Republican Party after election, there is no doubt. It has been openly announced. William Allen White has said that the Bull Moosers will "go over, one, two, three to the Progressive Party after election."

Do the loyal Republicans of Kansas desire that the public offices in the State House be used as recruiting stations for the Bull Moose Party during the next two years?

Candidates who are not for the Republican party in this campaign will be against it in the next. They are masquerading as Republicans now because they want Republican votes, but they will use their official power and prestige, if elected, to promote the Progressive Party and to assist in further attempts to destroy the Republican Party. Candidates who can not be trusted before election, certainly will not be found worthy of party trust after they have been elected.

There is but one way for the loyal Kansas Republican to cast his ballot, so that the Republican Party in Kansas may continue in the future, as it has in the past, to uphold the traditions and principles that have made it the greatest political party in the history of the Nation. A vote for President Taft and against his Bull Moose enemies is a loyal Republican vote. It is a vote to PRESERVE OUR PRESENT PROSPERITY and a vote to PRESERVE THE REPUBLICAN PARTY.

REPUBLICAN PARTY LEAGUE.

J. S. DEAN, President.

GEO. A. CLARK, Secretary.

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# KANSAS FARMER

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### ALL YEAR AROUND WORK.

Our farming will not be on the right basis until on such plan as will enable the farmer to expend his labor the year around at something which will convert that labor into cash. We speak of the work season or the busy season on the farm, referring to that time of the year beginning with the planting in the spring and extending until all the crops are harvested in the fall. This covers a period of seven or eight months of extremely busy time. On most farms this is the time of year when the farmer hardly knows which way to turn. He has a dozen jobs on hand at the same time and does not know to which he should turn. The result is that he is worked to exasperation and often to the point of dissatisfaction with farming.

This condition to a greater or lesser extent cannot help but exist always and on every farm. However, the farmer should do his best to overcome this difficulty. One way that this extremely busy season can be relieved is by paying less attention to the growing of crops for market. In localities where it is possible to grow tame grass or other pasture, a part of the tillable land should be gotten into pasture and the live stock allowed to do the harvesting, no plowing, cultivating and harvesting being required.

The amount of live stock to be carried must be governed by the amount of pasture that can be made available and by the amount it is possible for the farmer and his family to take care of during the winter. The saving of feed comes later in the season than the saving of grain for market. The growing of feed will in itself have the effect of distributing the labor of the growing season.

When it comes to the winter months we do not infer even that farmers generally are idle. They are doing something, but as a rule they are not employed at work which has a cash value. If that labor be converted into the care of a herd of hogs, a herd of calves or stock cattle, or a herd of dairy cows, every forkful or shovelful of feed given these animals and every move in connection with the care of the stock has a cash value and that value can be realized when the animal is sold.

When we plow for wheat or corn the grain of which is intended for sale, we do not at the time realize any cash value on the day expended in plowing. We figure that our return will come when the crop is grown. We should figure the same way in the care of live stock. When we are hauling feed for a bunch of young cattle we do not meet at the corral gate the money to compensate for the hauling, but we should recognize in the case of cattle as in the case of growing wheat that when that load of feed is eaten the cattle will be improved to just that extent and that when the animals are sold our reward will be received.

The quickest return for winter labor is received from a herd of milk cows. The cash return for feeding and caring for a herd of dairy cows can be had within two or three days after the feed has been eaten and the labor in care has been expended. It seems to us that there are thousands of farms in Kansas on which the farmer and his family could during the winter months—say from the first of November to the middle of March or first of April—profitably give their time exclusively to the care of a bunch of milk cows, the calves and pigs. It seems to us that on thousands of farms in Kansas the situation is such that we are not justified in grumbling because of the hour spent night and morning milking a few cows. It seems to us that we could afford, having nothing else of equal importance to do, to figure on spending the winter in the care of a bunch of cows.

It is possible on the farms of Kansas to distribute the farm work through the seasons of the year in such way that the work will not pile up in as pressing

a way as it does now on most farms during the spring and summer, and that by virtue of the distribution a better and more profitable system of farming would be evolved.

### A GOOD ROADS GUESS.

With all of the agitation which has been made in the last quarter century in favor of good roads, and with all the enthusiasm which has been generated among all classes of people, the results seem to be rather meager. We hear of eastern states appropriating money by the millions of dollars for the building and maintenance of good roads, and yet when we visit those communities we find that the results seem to be pitifully small as compared with the volume of expenditure. Eastern states have more and greater difficulties with which to contend in the building of good roads than does Kansas. They have a greater rainfall, and the heaving action of frost is much more pronounced. It is true that they have better road building material in many states, as the cherts and flints of the eastern hills are much more lasting than are the limestones of the Kansas bluffs. In this fact lies the great advantage which Kansas possesses. It is possible to have good roads in most localities in Kansas without the expenditure of money in millions and with only the attention and time of a few men.

In the hilly and muddy districts of Pennsylvania it is necessary to build metaled roads in order to improve traffic conditions. In Kansas it is only necessary to metal the main arteries of travel and use the road drag on all the others. Here is where a community of effort counts to the greatest advantage. What is everybody's business is nobody's business, and if each community could develop a leader who would see to it that the roads are properly dragged, the problem will have been solved and at a minimum cost.

There are two parallel roads leading out of Topeka, one of which is macadamized and the other is oiled dirt. There is hardly a day in the year when the oiled dirt road is not better for both team and automobile traffic than is the stone road. There are two other parallel roads leading out of Topeka, one of which is thoroughly gravelled and the other dragged and partially oiled, of which the same may be said.

Now this is not to be taken as derogatory to the metal road. Such roads should be built wherever possible, but when built some provision must be made for their maintenance. It is, however, intended to show that good roads are within the reach of every community and at a very low cost for dragging and oiling. The basis of operation should be to get a good road of some material, and if a beginning is made by the use of the road drag, it will not be long until this is followed by the application of oil to the earth road, and then by the building of permanent highways.

The International Harvester Company maintains throughout the United States demonstration farms. For the most part these are located in those sections where there are important problems to be worked out in connection with the growing of grain crops. From these farms information is disseminated through bulletins which report the result of the experiments undertaken and work accomplished. J. G. Haney, a Kansan, formerly assistant superintendent of the Fort Hays Experiment Station and later manager of the Deming Ranch, Oswego, and a young man who has "made good" in applying scientific agriculture to large farming operations, has recently been placed in charge of the International branch in Dakota. Haney will successfully work out the problems of the Dakota grain farmer.

"Are we Kansans living up to our opportunities and are we doing as well as we can?" asked Edwin Taylor, the big potato grower. To determine the answer to this question is the object of a

meeting of some 3,500 Kansas people appointed as delegates to the meeting of the Kansas Agricultural and Industrial Congress to be held at Hutchinson, November 19 and 20. This meeting will be a grand rally of Kansas people who will come together to consider and discuss Kansas, agriculturally, commercially, industrially and socially.

Fifty state organizations have appointed upwards of 3,500 delegates to attend the meeting of the Kansas Agricultural and Industrial Congress at Hutchinson, November 19 and 20. Each of these organizations and every delegate appointed is interested in some phase of Kansas' upbuilding. Such a meeting should result in a state-wide awakening. Your help is needed and your presence is urged.

### NOT CONSERVATION.

Following the lead of the American National Live Stock Association, the National Live Stock Exchange had presented for its consideration the bill to prohibit the marketing of any female beef animal under the age of three years. If memory serves, such a resolution was adopted by the first named association, but not by the second.

The purpose, of course, in such resolutions and the passing of such a law by Congress would be to increase the number of beef producing animals, and the National Butchers' Association took a modified action in the matter by passing a resolution urging that no heifer calves be slaughtered under two months, and, while their action seems much more to the point and much more sane than the other, it also seems very wide of the object sought for.

It would simply be impossible to prevent the sale of heifer calves as long as present prices for veal should continue, and even if this were done and prices should go very much lower, the holding of female stock for three years would defeat the purpose aimed at. The reason why farmers raise beef cattle is to make money, and if they are prohibited from selling these cattle they will soon cease to be cattle raisers and go into some business free from such restrictions. Anyone who knows a farmer knows that it is wholly useless to pass such resolutions in societies and associations and importune Congress to enact them as laws. Even if Congress could be persuaded to pass such laws, they would be incapable of enforcement. The law of supply and demand will regulate the cattle business, and with it the beef business, if given time. One of the things that hampers the farmers, as well as other business interests, lies in the fact that we already have too many laws and too little enforcement.

Another and more serious matter is to be found in the almost universal practice of farmers buying on a rising market and selling on a falling one. If prices begin to go down, the farmer argues that he had better sell before they get any lower, and when his stock arrives on the market it meets the stock of all his neighbors who all felt the same way. The result is that the bottom is knocked out of the market and prices are received which are unprofitable; the farmer decides that it does not pay to raise stock and goes out of the business, to the detriment of his own pocketbook as well as to his farm. This united action on the part of all the farmers in throwing a large surplus of stock on sale at the same time results in a glut of the market for the time being, and then a scarcity with higher prices. When the prices begin to climb the farmer thinks that after all he can make money in live stock, and he has to buy at an advance in price above that for which he sold only a few months before, and he gets unfinished animals instead of the finished ones he sold. He has lost money by selling his finished animals at a reduced price, and he loses again by buying his feeders and stockers at an advanced price.

### ROUND-UP DAY.

Not long since at a meeting of farmers, the conversation drifted to the advantages of teaching the fundamentals of agriculture in the public schools. Our statement was that interest in agriculture could be promoted in a dozen or more practical and highly educational ways. For instance, one is that of having the pupils, under the direction of the teacher, spend a half day in the corn field studying corn, taking note of the difference in the ears as produced by different stalks, taking note of the vacant hills, barren stalks, and studying that type of ear desirable for seed.

The same general scheme can be worked out profitably with reference to other crops. Student stock judging contests are also held. Our remark further was that these ideas with variations were being followed in the public schools of various states and that Kansas parents could well afford to encourage this kind of work. It is valuable—not only from the standpoint of education along new lines, but it also varies the routine of school work which in itself is a worthy object.

It is gratifying that C. D. Steiner, superintendent of Boys and Girls' Club work in the extension service of the Kansas Agricultural College, has designated November 15 as "Round-Up Day" for the rural schools of Kansas. On the afternoon of this day it is proposed to round up the boys and girls who will agree to enter a garden contest, a corn-growing contest, a potato contest, pig rearing contest, flower garden contest, bread-baking contest, or any one of the many similar contests which may be planned.

For this afternoon a display of agricultural products by the boys and of domestic handiwork by the girls is to be made in the school house. There will be contests in judging corn and bread, too, and a literary program of appropriate topics for the day—topics pertaining to better agriculture and better housekeeping. These will be followed by an explanation of the contests and of boys' and girls' clubs by the teacher. Every pupil will be asked to enter his name in one or more of the contests. Where it is desired, clubs for boys and girls interested in the contest work will be organized.

Teachers in the smaller rural schools have been urged to unite with a neighboring school in the observance of "Round-Up Day." Where it is desired the program may be given in the evening of November 15. The parents may attend, then, and give encouragement to the work. The contests are open to boys and girls between the ages of 10 and 21 years. After this year, "Round-Up Day" will be an annual event in all rural schools.

### MEN WHO ORGANIZED CONGRESS.

Of the list of 42 men who were instrumental in organizing the Kansas Agricultural and Industrial Congress, the first meeting of which will be held at Hutchinson, November 19 and 20, thirty were farmers, live stock breeders and land owners, every one of whom is interested in the improvement and upbuilding of Kansas from an agricultural standpoint. The remaining twelve of the original committee are those whose interests are closely allied with the progress of Kansas. The personnel of this committee, therefore, should convince all Kansans of the high purpose of the six full sessions of the two days' program. Our people can well afford to accept the invitation of these men to participate in this meeting the like of which has never before been held in Kansas. This congress brings together a list of authorities to discuss subjects which lie close to the success of every activity in this state, and there will be something to be learned by farmer, merchant, banker, or lawyer. You will be well repaid if you can so arrange your affairs as to attend.

# GENERAL FARM INQUIRIES

Something For Every Farm—Overflow Items From Other Departments

If the field is infested with cut worms, now is the time to begin the warfare and get the better of them. If the land is plowed this fall, the cocoons will be brought to the surface and cold weather will destroy them. The earlier the plowing is done the more satisfactory will be the results. Only in rare cases do cut worms bother crops planted upon fall plowing.

#### Home-Made Horse Power.

George Beuoy, proprietor Dingley Dell Farm, Cherryvale, Kan., made this horse-power from an old mowing machine. A bone mill is shown attached. Note the tumbling rod for running grindstone, churn, cream separator, etc. Total cost of power about 35 cents for blacksmith work in fitting connections.

#### Center of Population.

In 1870 the center of population of the United States was 48 miles northeast of Cincinnati, Ohio. In 1880 it was 8 miles southwest of Cincinnati. In 1890 it was 20 miles east of Columbus, Ind., and in 1900, 6 miles southeast of Columbus, Ind., and in 1910, 4½ miles south of Unionville, Ind. In 40 years the center of population has moved westward 150 miles.

#### Encourage the Boy.

To E. T. B., Canton, Kan.: If your boy indicates a desire to study what you call the fine points of farming, you can do that boy no greater favor, and you can do nothing better for yourself, than to encourage him in every way possible. The money he wants to spend for books on farming and live stock would be well spent and if we were in your place we would buy these books for him, even though it be necessary to sell a cow in order to make the purchase.

#### Quack Grass Eradication.

A Minnesota correspondent says that for the past ten years he has been endeavoring to eradicate quack grass, having tried many plans. He has succeeded the last five years and his success has been principally through deep plowing. In 1909 he bought a Spalding deep tilling machine, and he says that with this he buried quack grass so deep that by an occasional disking and destroying the grass as it appeared on the surface, he was able to produce complete eradication. To this machine he hitched six horses when he plowed 14 to 16 inches deep, and when plowing 10 to 12 inches deep used four horses.

#### Concrete For Barn Floors.

Answering L. T. N., Wakarusa, Kan., concrete is being widely used for floors in barns, for both horses and cattle. The concrete floor should be roughly finished. Concrete workers have a plan of corrugating the surface, the corrugations being cross-wise of the stall. The corrugations in concrete are similar to those in corrugated iron, but not quite so deep. The idea of corrugating is to prevent injury to the animals by slipping. This method of finishing will have the effect of reducing injury to a minimum, and if the concrete is kept well bedded will make a very satisfactory sleeping floor for both cattle and horses. We would not use concrete in sheds where it is exposed to the extremes of temperature, unless there is plenty of dry bedding used.

#### Feeding Value of Pumpkins.

C. E. N., Rossville, Kan., asks what feeding value pumpkins have. Pumpkins are about 90 per cent water. A ton of pumpkins contains about 180 pounds of dry matter. It has been estimated that 2½ tons of pumpkins equal in feeding value, about 1 ton of silage, and that 20 pounds of pumpkins contain as much digestible protein as a pound of corn.

The principal value of pumpkins lies in their succulence, and as a part of the ration are valuable for all kinds of live stock. While pumpkins contain feeding value as above indicated, their real worth lies in their value as a conditioner, and fed in reasonable quantities to all animals, will prove beneficial.

#### Pasturing Kafir Stalks.

Following a statement made in KANSAS FARMER recently, that Kafir corn could be headed so soon as the grain became mature, and the green stalks pastured, several inquiries have been received asking if injury will result to live stock from the pasturing of frosted

Kafir stalks. There is no more danger from pasturing frosted Kafir than from pasturing frosted corn. Corn stalks are almost without exception pastured after frost, and no attention is paid as to whether the stalks are pastured ten hours after killing frosts or two months after killing frosts. The same methods

goes a ripening process similar to the ripening of cheese. This process softens the woody portions of the corn stalk and of the corn ear, makes more digestible the constituents of food and develops new and agreeable odors. It is generally considered that this process occupies from three to four weeks. The

low. There is money for the farmer or feeder in growing sheep at present prices, more, we think, in fact, than in growing hogs or cattle at the present prices. But the farmer does not grow sheep because there is not a demand for their product.

#### Keep Bearings Adjusted.

See that all bearings, whether those of the corn plow or wheat binder or any other farm machine, are properly adjusted. One loose bearing has a tendency to loosen others. More harm can be done to a machine by running it on loose bearings for a few days than would result in a year's ordinary use.

#### Marketable Potatoes.

If N. D., Baldwin, Kan., has been making a business of selling potatoes, he must by this time have learned that there is no market for small or frosted potatoes. People who buy potatoes apply the same principle in their buying as they do in the purchase of apples. They do not want small potatoes or potatoes of mixed varieties, and will not buy frosted potatoes if they know it. The more plentiful the potato crop, the more discriminating buyers are. The market demands potatoes of one variety and so far as possible uniform in size. The market requires that potatoes be packed in sacks of certain size. A standard sack of potatoes weighs about 150 pounds and measures approximately 2½ bushels. Potatoes of almost any kind, however, have some value when sold locally. The man who grows and packs potatoes for shipment, however, must conform to the rules of the market to which he is shipping.

#### Frosted Kafir For Silage.

D. W. C., Allen Kan., has Kafir which at time of writing was still green. It had not reached maturity. He wants to know if he can use this Kafir for silage if it is slightly frosted, expecting that it will be frosted before he gets it into the silo.

We would give the seed every chance to reach the dough stage before putting it in the silo and in order to permit this would take a chance on frost. Should the Kafir be put in the silo when the grain is in the milk and the stalk green, the chances are that the silage would be very sour. The Kafir would not contain as large a percentage of the elements of feed placed in the silo immature as it would if nearer maturity. If the Kafir is only slightly frosted when placed in the silo, it will make good silage. If it is frosted to the point that it is thoroughly dry, it will still make silage if sufficient water is added to bring the moisture content up to that of normal siloing conditions. In the case of real dry Kafir or corn fodder, use all the water the blower will take into the silo, provided this does not exceed the amount a half-inch hose would carry when attached to the ordinary well forced pump head.

#### Disking Stubble Fields.

G. W. L., Emporia, Kan., has ground which grew wheat this year and which he will list to corn next spring. He inquires whether or not there will be any advantage in disking wheat stubble this fall.

It will pay to disk the stubble. Disking will check the evaporation of soil moisture and will put the ground in condition to take up and hold the precipitation of the winter for next year's corn crop. It would have been much better had the disking been done earlier in the season, soon after harvest, but it is not too late to be beneficial. Earlier disking would have had the effect of preventing the growth of weeds and grasses which no doubt now cover the field and which growth has taken much moisture out of the soil. It is our idea that early next spring this same field should be disked and cross-disked thoroughly before the listers are started. It will, in our judgment, pay to double list next spring. Corn growers are coming more and more to the realization that the corn crop depends to a great measure upon the amount of cultivation given before the crop is planted.

Some funny advice appears in the so-called agricultural and near agricultural papers. One of these recently advised its readers to raise steers, and suggested that the farmer should begin with only a few head and "breed up."



HOME-MADE HORSE-POWER FROM OLD MOWING MACHINE.

of pasturing apply to Kafir as to corn stalks. Thousands of tons of frosted Kafir has been cut and put in shocks in Kansas this year, and will be fed during the fall and winter. This same thing has been done for years in the past and it would seem that common farm practice has long since established what is safe in the pasturing of frozen Kafir.

#### Studying Farm Management.

The main purposes in studying farm management are to gain power to analyze the business; to devise suitable systems of cropping, economical arrangements of fields, correct adjustments of field crops to live stock; to utilize capital and labor to the best advantage; to decide upon suitable plans for keeping simple records of the leading projects on the farm; and to carry forward year by year and day by day the management of the farm and the work of farming in such a manner as to give the largest product and the greatest profit per acre and per worker, and decade by decade to increase the productivity of the soil.

#### So-called Ripening of Silage.

Answering B. D. E., Harper, Kan., silage may be fed, if desired, immediately after the filling of the silo. It is a fact, however, that silage under-

stock will eat with good results an armload of corn, such as went into the silo, and after this has passed through the cutter it is in no wise changed and consequently if it is necessary to feed from the silo immediately after filling, there are no objections or reasons why such should not be done.

#### Mutton Cheapest Meat Now.

Corn-fed beef is selling between \$10 and \$11 and hogs between \$9 and \$10. In striking contrast to these prices native ewes are selling at \$3.50 to \$4, and wethers at \$4.25 to \$4.50. Packers report that they find it difficult to obtain an outlet for mutton, even at these prices. The American people are beef and pork eaters. They have cultivated a taste for the highest-priced meat produced. Mutton is as nutritious as either beef or pork. Those who like mutton claim it is more nutritious.

The taste which the American people have cultivated is more largely responsible for the high cost of living than any other one thing to which you can point. We will guarantee that there are thousands of people buying the best steak at a sacrifice of comforts and in fact necessities along other lines, who would not buy mutton at one-third to one-half the price. Because of this taste, hogs and cattle are high and sheep are

## CASH PRIZES FOR FARM BOYS AND GIRLS

IN what respect does the thorough preparation of the seed bed affect the germination and growth of the plant? Do you consider the alfalfa mill of value to the community? Which has the greater fertilizing value, fresh or rotten manure? What advantages are to be gained by the individual testing of dairy cows? What state grows the most hogs, and why? Do you think the poor farm of your county made a demonstration far stalks would you select seeding of alfalfa do best i cholera among hogs sprea grower guard against chole value of a ton of wheat st pay \$1.00 each for the thre above questions. Accurac of wording of answers will g Answers to these question FARMER issues of October 12 and 19. No replies received after November 20 will be considered. Preserve copies of KANSAS FARMER for future reference in answering questions which will be asked from time to time.



*A. B. Somers*  
EDITOR.

# BIG FARM QUESTIONS

Asked By a Farmer—Answered By a Farm Specialist

**T**HIS is the letter written J. H. Miller, Superintendent of Agriculture College Extension:

Kindly inform me as to the way you are expecting to help us farmers.

Some of us younger fellows have hard problems to solve. With high-priced land, run-down farms and heavy debts, we are certainly up against the real thing.

Just tell us, please, how to tramp on Jerry Moor's heels and get 200 bushels or better of 60 cent corn per acre and 50 bushels of \$1 wheat per acre.

Also tell us how to feed 60 cent corn to 6 cent hogs at a profit, and 60 cent corn, \$15 alfalfa and \$30 cottonseed meal to 6 cent baby beef, and still pay interest and taxes.

We would like to know how to save our early pigs without sunshine.

We want to know how to keep our credit good at the banks while we have to renew our notes.

O, well, what's the use. We don't know our own business. Come over to Macedonia and teach us.

The reply of P. E. Crabtree, farm management specialist of the Extension Department, to which department the above letter was addressed, is:

Your letter has been handed to me for answer, partially because I am a practical farmer, and partially, perhaps, because I attended your farmers' institute. I will answer in such manner as to give the greatest opportunity for thought, and that you should be able to profit by its application.

The task or privilege of farming—as the case may be—is complicated but most interesting. From my experience as a farmer and in visiting other farmers, in which latter work I have been engaged for ten years, I conclude that farming is much like the filling of a barrel with water. If the barrel has no leaks it is quickly filled. If, however, there are leaks, it takes longer to fill the barrel, and the more leaks and the larger they are, the longer it will take to fill it. My duties in inspecting and directing farm management is to assist in pointing out and stopping the farm leaks. A few leaks can easily lose what would otherwise be net gain or profit.

A list of the farms leaks overlooked by farmers who have not prepared themselves for their work is interesting. Permit me, first, to say that I feel sure that a farmer will make fully as many mistakes as would a surgeon in undertaking to do something that he did not understand. The surgeon's mistakes may not be noticeable at the time, but they have a like reducing effect on results. Following is the list of a dozen items for consideration in profitable farming:

- 1.—Soil fertility.
- 2.—Drainage.
- 3.—Equipment.
- 4.—Crop adaptation.
- 5.—Animal adaptation.
- 6.—Soil culture.
- 7.—Quality of seed.
- 8.—Quality of animals.
- 9.—Balancing stock rations.
- 10.—Use of by-products.
- 11.—Unseasonable birth of live stock.
- 12.—Location of farm improvements.

Before going into detail, let me state that **SYSTEMATIZING** one's work is of first consideration. I find on many farms an entire lack of system. I find some farmers working blindly, entirely ignoring **MANY** branches of the work. A farmer to be successful, must have a sufficiently tenacity of purpose to prevent him from recognizing the word **CAN'T**. Finally, he must be resourceful and inventive, being able to create new ideas to fit the occasion and to plan his work all over again as occasion demands, sometimes due to weather conditions, sometimes loss of a hired man, sometimes loss of a team, or other occurrence which thwarts the plans already made. In other words, he must adapt himself to the conditions he meets day by day. These plans cannot be worked out on paper. The farmer should be a man more capable, from a general point of view, than it would require for a good teacher, preacher, doctor, lawyer, politician, millionaire, or any of the less exact callings. Unless the farmer has the stuff in him that makes him capable along these lines, he had better look for a job with a salary attached, where some one else can do the necessary head work. The farmer who makes few mistakes must use his head to the greatest degree possible. Even then he can sometimes see where it would have been possible

to have improved on his plans. My work is largely in trying to induce farmers to farm without making **UNNECESSARY** mistakes.

To illustrate what I mean by the separate considerations I have enumerated above, I will discuss them by number:

1.—I sometimes see a farmer trying to farm entirely disregarding the matter of soil fertility.

2.—I see farmers, year after year, farming across seepy spots in their fields, thus uselessly handling mud with no returns, when a little drainage would have corrected the conditions.

3.—It is not unusual to see a farmer without equipment try to compete in the production of crops with others possessed of modern equipment. This latter consideration can be extended any part of the way back, from our modern machinery to when a crooked stick was used as a plow.

4.—I sometimes find a farmer plant-

feeding stock on the slope of some stream where the barn yard manure washes away, or throwing it in heaps by the barn where combustion releases its nitrogen contents. By these methods of manure handling the farmer fails to cash his crop for 180 per cent of its value, apparently being satisfied with 100 per cent of its value. This final 80 per cent of its value has always looked good to me, and has been a source of a considerable bit of the net return, or profits, that I have realized on my farms.

11.—Repeatedly do I see farmers having calves and colts born at a time of the year most unfavorable to the dam and often fatal to the youngster. Calves, for beef, and colts should be born when the dam has had a week or two of good spring pasture. I have known them born early enough in many instances to freeze to death at birth, and often when they escape this fate the additional necessary feeding of the dam, and **CARE** of herself

from a cause and effect line of reasoning, the possibilities on the farm are greater today than at any time in history and vastly greater than almost any other application of effort.

Now, taking your questions in order. We try to help farmers by providing a farmers' institute to visit you once a year; further, we try to have each and every farmer enrolled as a member of said institute, through which plan only, can we keep in constant touch with him, and mail, postpaid, the books prepared by his nation, his state and the farmers' institute department enabling him to keep properly "lined up" during the year.

Now, as to the application. Our two-days' farmers' institute at your town was indeed poorly attended. On the dates of our meeting a big law suit was on, over somebody's dog that had been killed. The "dog show" in the court house was well attended. Immediately across the street from it we had carefully and systematically arranged charts containing the cream of the information secured from \$900 worth of text-books and bulletins awaiting inspection and while we tried every possible means of persuasion to get farmers to copy the information and ask questions as to the things that interested them most, we, to a great extent failed. While it is not unusual in other localities to have as high as 325 to 400 people present at one session, the room was largely vacant at your place during the greater number of the lectures.

Next, as to whether your name is on the list for the books to be sent, postpaid—our clerk finds your name on the list for last year, and fails to find it there for this year, and I am here calling your attention to it in order that you may—if you are interested—get your name on the list.

What is to happen with the combination of high-priced land, run-down farms and heavy debt? First, under such conditions, what are we entitled to? Heavy debt would at once suggest that we have not an investment, but that we are handling the property of another. In that event, as a separate consideration, a person is supposed to be **RIGHTLY** entitled to a reasonable income on his investment. No investment, no income required, which would explain that feature of it. Of course, we understand that there must be a necessary income with which to pay the interest on the investment, for **WHOEVER** owns the money that is invested in the land will rightfully expect interest on that money. As to there being run-down farms, a number of the things that I have designated by numbers would apply to its correction, especially numbers 10, 1, 2 and 6. As to the high price of that same land, there are two specific considerations: One is to use it alone for the making of suitable **RETURNS** on its present valuation, and the other is to hold it as a good investment for its natural **RISE IN VALUE**. The shrewdest farmer combines these two propositions, and with proper application, cash in "**COMING AND GOING**."

As to Jerry Moor's 200 bushels of corn at 60 cents a bushel, I would liken it to the automobile heretofore mentioned; likewise, the 50 bushels of wheat at \$1 per bushel. In order to be sure of getting my money back for the 60 cent corn fed to hogs, I should see to it that the hogs had their framework built largely on alfalfa pasture and that the corn be used only for finishing, and so used as to make of it a balanced ration when fed for **FINISHING PURPOSES**. As to the 60 cent corn, \$15 alfalfa and \$30 cottonseed meal, I would look to it that it was properly associated with the necessary amount of silage to enable me to make good money when "cashed in."

As to paying interest and taxes with the possibility of a profit, I will ask you to take into account the probable advance in land values, and if, with proper application and the avoiding of unnecessary farm leaks, the matter don't work out so as to finally leave you a winner, I should favor making a change and trying something else that does not require the extreme application it takes to make a successful farmer, and that I have above suggested.

As to the credit at the bank and the renewal of the notes, you will not need advice from **THIS DEPARTMENT**, for all successful **BANKERS** keep a careful list of the farmers in their vicinity, and have them already rated as "**SUCCESSFUL**" or "**UNSUCCESSFUL**." One good way to check up and measure one's success is to interview the banker and see what encouragement he has to offer.



## BIG FARM QUESTIONS

**T**HERE will be a divergence of opinion on the part of our readers when they have finished reading this page. We will be glad to have opinions reduced to writing, and will pay \$5 in gold to the farmer, who in the opinion of the editor, writes for **KANSAS FARMER** the best letter in answer to the questions asked at the top of the first column on this page. Letters for this little competition must be received not later than November 20.

The letter to which we refer above was written by a farmer of one of the most productive counties of the middle third of Kansas. It was written to J. H. Miller, Superintendent of the Kansas Agricultural College Extension, and the answer is by P. E. Crabtree, the Extension Department's Farm Management Specialist.

The letter and answer are printed because of the interest they hold for Kansas farmers generally. Hundreds of farmers feel as does this man, but few so frankly admit the feeling and so sincerely seek advice.

It is not often that opportunity offers an article assuming to cover the entire range of farm management as does Mr. Crabtree's letter. The inquiry and answer are printed by **KANSAS FARMER** without comment and as a matter of formality only, remark that we are not committing ourselves as to whether or not in our opinion Mr. Crabtree's letter is "the answer." Comment might have the effect of destroying the value of opinions from Kansas farmers, which opinions we have solicited as above.

ing a crop he has **IN MIND**, regardless of the fact that his farm is totally unadapted to that crop.

5.—I often observe some one with a roadster or pony hitched to heavy farm machinery, and possibly in thirty minutes may meet a man who is regularly running a milk wagon with a team of drafters.

6.—Basing my conclusion on my observations, I sometimes think that soil culture is the most overlooked consideration on the farm when I see moisture escaping, either by evaporation or by weed growth. Were it not possible to save and utilize this same moisture for crop production, no criticism would be necessary.

7.—How often do you suppose that I find farmers planting seed that will not germinate, or seed of low vitality, and in some instances even planting the seed of noxious weeds and grasses along with their crop, when there is no question as to what or which they wish, to harvest?

8.—One of the heaviest losses always existing on the farms of Kansas is the feeding of high-priced foodstuffs to animals of poor quality, or such individuality as virtually precludes their being worth the feed they consume.

9.—The percentage of farmers who carefully balance the ration for their stock is small, in spite of the fact that with careless feeding they endanger the health of their live stock, besides throwing away, outright, about 40 per cent of the energy of the foodstuffs consumed.

10.—Although it is a fact that in animal feeding live stock extracts only about 20 per cent of the **MANURIAL** value of the crops, thus leaving 80 per cent of its **PLANT FOOD** in the barn yard manure, I frequently find farmers either

and young, would entail a most useless additional expense, which cuts severely on the profits.

12.—I meet some of the most ridiculous conditions in the matter of location of farm improvements, including buildings, wells and pastures, also in the size and shape of farm fields. In one instance, of an Oregon man who continued to use a certain spring for watering his farm team until he finally figured it out and admitted that he had walked a distance equal to half way round the world in the watering of his team, whereas the digging of a well would have saved this useless waste of time. Another man who—for a small difference in original cost—purchased a farm that was badly cut up by creeks. His fields were small and irregular, and when he became a gray-haired man, and thus more thoughtful, he admitted that by actual figures he had put in fourteen of the most useful years of his life in—not plowing—but turning his team in these small, irregular fields, while getting ready to plow.

The fact is, that there is almost no limit to the waste that we see existing on various farms. In the meantime we have some of the most ridiculous questions asked as to how to accomplish some unnecessary impossibility on the farm. Suppose that a man should tell me that he was equipped with a 2,600-pound automobile and a quart of gasoline and asked me to direct him how to make a trip to the moon. I should, of course, if I were interested in his welfare, suggest to him that he dispose of the machine and expend the money to some other purpose; that he save the gasoline for some other use within the range of possibility. Finally, if the impossibilities are left out of farming and the **POSSIBILITIES** carefully looked after

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## Soil Cultural Methods

Particularly With Reference to So-called Dry Farming in Texas, But Applying to All Soils Everywhere.

BY J. W. NEILL, DRY FARMER.

The most important question for the farmer today is the preparation of the soil to conserve moisture. Necessity will compel him to do it. Back of the necessity is God, whose laws are immutable. When we look over Texas and see the empty corn cribs we realize the need of improvements, and when we see farmers here and there working according to scientific methods and producing 45 to 60 bushels of corn to the acre, even in these dry years, it is time for us to conserve the moisture—and we will do it when we get tired of these empty corn cribs.

One of the first things we must do is to prepare the soil in such a way as to hold moisture. A great portion of Texas does not get rainfall when it is needed, nor as much as is needed. Therefore, we must learn how to hold it. We cannot make crops without moisture, so we must conserve it if we want to use it. How shall this be done? I am advocating early preparation of the soil, as early in the fall and winter as possible.

#### MAKING A SOIL MULCH.

After I have begun plowing and before I go to dinner I hitch to a drag or harrow and destroy ever clod of dirt I have turned up during the morning. The next day it could not be pulverized as well, and, if you want to get the best results, you must do the right thing at the right time. So I prepare the soil as I go, and drag or harrow that which I have turned up in the afternoon before I go home. This puts on the surface a soil mulch which is intended to protect the moisture in the earth, and it does it.

We do not always get the necessary winter and spring rains to put our land in proper condition, but often the fall and winter rains are quite sufficient. Let us store them as they come, for one inch of rainfall stored in the fall and winter is worth two or three inches in the spring and summer. Then, we do not always get rains in spring and summer when we want them. When the autumnal and winter rains go into the earth the moisture begins to manufacture food for the plants by changing the chemical properties of the soil. The longer before planting that this is done the better. After it has gone into the earth, if we take proper care of it, it is there until it is needed for the plants.

If you have your soil prepared as has been suggested, and there comes an inch of rainfall the moisture will go 10 to 15 times deeper than it would in unprepared soil. And, it will take the wind and sun 10 to 15 times as long to take it out.

There are but two ways for moisture to come out of the earth. One is through plant life, and the other by evaporation. If we allow a hard crust to form it will cause this evaporation; but, when we place this soil mulch on the earth, it forms a protection to the moisture beneath. When a rain comes you want to go over it and remulch the soil and thus set the trap for the next. As soon as you catch one rain, set your trap for the next. Destroy what would form a crust and allow the escape of moisture already in the ground. Let me illustrate: Put a clod of dirt on your hand and then put a coal of fire on top of it. It will soon burn you. Now, pulverize a clod of earth, put the coal of fire on top of it and you can carry it all over the city. The hard clod is conductor of heat; when you pulverize it, it is a non-conductor and will protect your hand from the fire above.

#### PRACTICAL ILLUSTRATION.

Dig out a basin in the earth, put a bucket of water in it and let the water soak into the soil; place a skillet over the depression, build a fire in the vessel, and a crust will form, and the moisture will soon be all drawn up and be absorbed by the air as by a sponge. On the other hand, after the water is poured into the hole and disappears in it, drawn down by gravity, place in the depression loose soil or ashes two or three inches deep, fire up the skillet, and there will be no crust and little or no evaporation.

So, if you pulverize the surface soil, there is no doubt but it will protect the moist soil beneath from the sun's heat. As the soil begins to crust, evaporation will commence; so, if you let the hard crust form over your prepared soil, the action of the sun will soon cause the soil to lose its moisture.

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**STORING THE MOISTURE.**

Another question is: How long can we hold this moisture? In Wyoming, Dr. V. T. Cooke, the famous dry farming demonstrator, who is now employed in Uruguay and Brazil, advised the farmers to conserve the rainfall from one year to another. We do not need to do that down here in the southwest. If we conserve it for two or three months, what is accumulated will be sufficient to make a crop.

All this suggests two thoughts: One is, we do not know how little rainfall we need to make a crop with, and another is, how much we are losing. Some farmers think they must have a rainfall every few days, but that is not necessary. Last year taught us many valuable lessons. In one section, English peas were harvested without having had one drop of rain. In other places, corn has grown without rainfall.

**CULTURAL METHODS.**

We must watch the growth of the plants not only above but also below the ground. We want to adopt a plan of planting to prepare for the first cultivation. I believe in planting all grain as deep in the earth as we can to get a good stand. That brings up the different methods adaptable to different parts of Texas. We have a state with every variety of soil, and in which almost anything can be raised that can be grown in the temperate zone; therefore, we have more to study than have the farmers of any other state. Study your soil and climatic conditions and cover your seed as deep as you can to get a stand.

When the roots start train them so they will be protected when the hot sun does come. Those little roots go out, and they need warmth from above, as well as moisture from below. At this time I advocate going over the ground with a section harrow. We want to aerate the soil. By aerating, letting the air and warmth in, we incline the roots downward. Then give a deeper plowing, and, after that plow shallow. To obtain a maximum corn yield, the roots must grow in the right direction until such mechanical and other conditions will enable them to secure a maximum food supply that the plant can manufacture into stalk, leaves and grain. After we have inclined them downward, every time the soil is worked we give them more protection from the hot sun. Corn will stand a drouth longer if it has all the roots to help out. Don't hill up, for that inclines the roots upwards, exposing them to the sun; give them a chance to collect and deliver plant food. It is the roots that make the corn, and we must protect them.

Recently we were talking with a dry farmer of eastern Colorado. We were much interested and gratified with the success he reported as coming to the farmers of that section. Some wheat is grown, but pretty generally on summer fallowed land. That is, two seasons of moisture are available for one crop of wheat. However, live stock is entering largely into the success of these farmers, and on practically every farm he says there is a bunch of cows. The larger acreage of cultivated land on these farms is devoted to the growing of feed, being Milo, Kafir and cane. He said the silo is coming into his section of Colorado rapidly, the first silos having been introduced three years ago. The editor is not personally familiar with the conditions existing in eastern and northeastern Colorado, but basing our conclusion on our conversation with this man, we are strongly inclined to the belief that in eastern Colorado the farmers are on a much more substantial basis than are the farmers of western Kansas—with which latter territory we are personally familiar. By devoting less attention to wheat and more to live stock and by recognizing the practicality and feasibility of dry farming methods, we are inclined to the belief that the farmers of eastern Colorado are more firmly entrenched in their farming operations and with much more reasonable chances for success, than are the farmers generally of the western one-third of Kansas. This should not be so, either, from the standpoint of climate or soil or rainfall. The eastern Colorado farmer located not with a view to becoming a wheat king, nor with a view to maintaining himself from his wheat alone, and therein lies the difference between the Colorado farmer and his accomplishments as compared with the western Kansas farmer, speaking generally.



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# THE FARM



It is common these days to adapt political terms to agricultural affairs. An exchange says: "The way of the 'stand-patter' is hard because he tramps over the same ground so much; be a 'progressive' farmer and get somewhere."

Each successive year in Kansas there is a larger acreage of summer tilled land. We believe this will be especially true in the middle third of the state, which territory was not so seriously affected by the horse epidemic. We are inclined to the belief that the same will hold true in the western third on account of the apparent satisfactory results obtained from summer fallow and the favorable condition of the ground for plowing during the early fall. It is altogether likely, too, that conditions will exist favorable to blowing this fall and winter in some fields. This condition can to a great extent be overcome by listing this fall. The lister will break up the fine surface before existing and—more—the ridges will prevent the shifting of the soil.

The immature green maturing crop is not, when plowed under, as valuable as the same crop plowed under after it has reached maturity. However, the crop should be plowed under while green and not when dry. Plowed under green, it more rapidly decomposes and plant food is more quickly available. It is plain, too, that the acids resulting from the decomposition of green crops are beneficial to the soil. Green maturing crops, as indicated by the name, should be plowed under while green. Clover in the clover sections has long been regarded as the most profitable green maturing crop. However, cow peas, where they grow luxuriantly, are, in our judgment, more valuable than clover. However, in localities where clover is not grown or does not do well, the dwarf varieties of cow peas are valuable for green manuring. There is some question as to whether a light crop of cow peas is as efficient in green manuring as a normal crop of immature cane or Kafir, and which grow more abundantly. In those sections adapted to the growth of Kafir and cane, these crops sowed are the valuable and logical green manuring crops.

During recent years the federal pure food department as well as various state departments has succeeded in kicking up a big "mus" relative to the injurious effect on the public health of the bleaching of flour by electric processes. The complaint of the pure food officials was that inferior wheat was bought and milled, electrically bleached, and the flour sold to the consumer at the same price as flour made from the very best qualities of wheat and not bleached. At our house we are buying flour branded "Electrically bleached," which branding meets the requirements of law. I find my neighbors are buying flour so branded. They buy it because it makes white bread. The unbleached flour may or may not make white bread, so breadmakers take a chance on the electrically bleached not injuring the health of the family. The electrically bleached flour sells at the same price per sack as the unbleached. Now if the mills pay the same price for wheat, the flour from which requires bleaching, as they do for wheat the flour from which does not require bleaching, then we have no complaint to offer. If in the first instance wheat is bought at a lesser price and the flour sold for the same price as flour which did not need bleaching, then the pure food law has done the farmer and the consuming public an injustice, as in our judgment the so-called pure food laws have in numerous instances done.

In northern and northeastern Kansas a good deal of the corn has been caught by the frost this year, resulting in considerable loss to farmers in that the immature and soft corn is not marketable. It is not unusual on the northern line of Kansas and southern line of Nebraska for corn to barely get out of the way of frost. It stands the farmers of these sections in hand to get such early maturing varieties of corn as are most likely to be out of the way of frost. In the growth of a corn crop considerable

leeway is necessary. Planting time may be delayed on account of weather conditions and the growth of the corn may be retarded by either wet or dry weather. These conditions are not unusual. There are early maturing varieties—there are early maturing ears of the varieties now grown, and it will be well to consider the situation. The least that can be done is to select seed from the fields and select the earliest maturing ears. Next to this is to obtain varieties which are earlier and acclimating these varieties before depending wholly upon the new seed. The better plan is to continue with present varieties provided they are good, selecting the earliest maturing ears for seed, and by so doing in a few years have corn which is most likely to mature in advance of killing frosts. In the northwestern parts of Kansas farmers have depended upon the "Bloody Butcher" or "Calico" corn. This is an early maturing corn very well adapted to dry weather conditions, but a lighter yielder than larger and slower maturing varieties. One ton of good, sound corn is worth more than two tons of immature corn, particularly so if the corn is to be marketed. The difference in feeding value between mature and immature corn is not so great.

Every month or so we enjoy the monthly dinner attended by a bunch of Topeka men who have organized themselves into what is called the "Club." In this town there are a dozen other organizations which meet for dinner or luncheon and immediately following discuss matters of common interest to those attending. It has often occurred to us that the same practice of eating together could be profitably employed in farm communities. In communities where Granges own halls this practice is common. It would be an attractive feature of the farmers' institute—even though it extended over only one session and that either afternoon or evening—to sit around a lunch before the program began. In a manner which we cannot fully account for, it seems that congeniality is cultivated through the stomach more than in any other way. The objection to the plan of a farmers' banquet or luncheon or dinner is that the good women of the farm will spend a week in filling baskets for the occasion. There is one way out, however, and that is to let the contract for the meal to some church or some worthy charitable institution, the farmers and their families paying a moderate amount for the service. Kansas is so thoroughly dotted with small towns that it would be possible for farmers' institutes or farmers' clubs to meet in town and let some of the village church or charitable organizations take care of the meal. The co-operation of farmers of a community is quite out of the question unless these farmers are able to meet together. The spirit pervading a good meal will promote co-operation and make united effort successful where otherwise it would be a failure.

Kansas has plenty of laws from the standpoint of numbers. We think, personally, the state would get along better if it did not have so many laws. We are, however, in favor of more laws safeguarding the farmer. We have in mind just now that Kansas should have a seed law which would protect farmers from the buying of poor and dirty seeds. When the farmer pays the price he is called upon to pay for seed, he is entitled to know that the seed is pure and true to the name given it, also that it will grow. The farmer is entitled to know the per cent of germination of the seed he buys. We have a foodstuffs law which makes it necessary for the manufacturer to label each sack of feed he sells with a statement of the per cent of protein, carbohydrates, etc., contained therein. When the farmer buys a sack of seed corn or sack of alfalfa seed, there should be attached to that sack the seedsman's statement as to the germination of the seed. For instance, if the germination of seed corn is low, the same price should not be charged as would be for high germinating seed corn. This would give the farmer the right to exercise his opinion as to whether or not he

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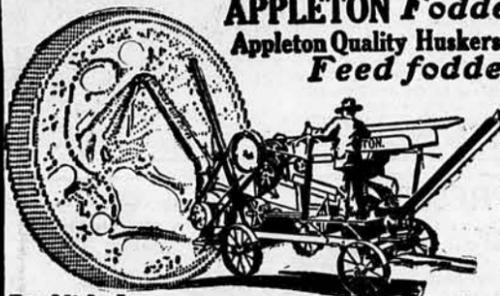
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# THE FIFTH KANSAS DISTRICT

**Needs Representation at Washington, Which it Lacks at Present.**



GUY T. HELVERING.

MR. FARMER:—There are a few plain facts which you ought to consider.

The Democrats had a majority of 68 in the present Congress.

And yet the Farmers' Free List bill was passed in the lower house by a majority of 127; the Wool bill by 120; the Cotton bill by 112, and the Metal revision schedule by 101.

Showing that many Republicans agreed with the Democrats that these were just bills and their enactment would benefit the people.

These bills, together with the one reducing the duties on chemicals and the free sugar bill, would mean an annual saving to the American people of \$743,000,000.

They meant a saving of \$8.20 for each person; \$41 saved each year for a family of five.

By their enactment the people of the Fifth District would save \$1,477,285 each year, and not a single industry in your district would have been injured.

And you had no representative in Washington to fight for your interests.

Your congressman, R. R. Rees, voted against the sugar, the farmers' free list, the reduction in cotton goods and the reduction on chemicals.

And he voted for and against, and against and for, on the different roll calls on the Wool bill.

And he has absolutely failed to do a single thing for his district or for Kansas.

You need representation in Washington.

To get it you must have a congressman who is affiliated with the party in power and who is responsible to that party for being faithful to his pledges.

In G. T. Helvering you are offered such a candidate.

On the other hand, do you know, or can you learn, from Mr. Rees, where he stands?

Is he a Republican and supporting Taft?

Is he a Third party man and supporting Roosevelt?

You should have an answer to these questions in order to know which party is to be held accountable for the candidate.

Mr. Rees is admittedly a failure, and his re-election offers to you no hope of relief.

G. T. Helvering is a Democrat. But above and beyond that, his interests are those of the farmers of the Fifth District. He is interested in their welfare and is bound to them by every tie.

Behind him stands a national party, now in control of Congress.

Therefore, vote for your best interests.

And that means—

A vote for G. T. Helvering for Congress.

A. W. LONG,

Chairman Fifth District Democratic Executive Committee.

preferred to buy seed corn of low germination test. Many seedsmen are now germinating their seed and are able to advise the purchaser as to what may be expected in the way of germination. We are confident seedsmen generally would be in favor of such law. Under the operation of a law of this kind the seedsmen would buy his corn or alfalfa or Kafir on a basis of its germinating quality. That is to say, before he bought a large quantity of seeds he would ascertain whether or not it was seed that would grow. Seeds of good quality would result tremendously in favor of promoting agricultural prosperity.

E. F. Reynolds, Route No. 4, Stockton, Kan., writes: "We believe KANSAS FARMER to be one of the best farm papers, because its aim seems to be the upbuilding of the best interests of the average farmer, and we farmers, being especially interested in a farm paper, find it both interesting and helpful. The different departments are well suited and beneficial to the farmer and his wife, also his sons and daughters. Best of all, it does all in its power to assist us farmers to solve the puzzling everyday problems of life."

### Testing Sulphurized Grains.

Answering W. A., Lawrence, Kan., the federal agricultural department has recently begun a series of feeding tests to determine the effects, if any, of feeding sulphurized corn and oats to horses, cattle, hogs, sheeps and poultry. The so-called sulphurized grains are those which are bleached by using sulphur. Months ago such tests were authorized, but not until within the last month have they been begun. We do not see that these tests are of any specially practical value to either live stock feeders or farmers.

### Kafir Fodder For Milk.

G. A. L., Melvern, Kan., asks if Kafir fodder with 5 to 10 bushels of seed per acre, is a good feed for milk cows. Kafir fodder and Kafir grain are not good milk feeds. They contain an excess of fat-making constituents and are short on protein, which is absolutely necessary in the making of the cheesy part of milk. If the Kafir grain and Kafir fodder are to be the principal feeds for a dairy herd it will be necessary in order to accomplish the best results to feed some concentrate rich in protein. Unless oats or cowpea meal are produced on the farm, it will be necessary to buy these concentrates if they are obtained. The cheapest protein will probably be obtained in cottonseed meal. If it were possible to make the ration half Kafir fodder and alfalfa hay, fairly good results in milk production might be obtained.

### What We May Learn From Denmark.

Clarence Poe, of the Progressive Farmer, who has spent the summer in Europe, writes:

"One lesson Europe teaches is that the farmer will always be poor so long as he is content merely to grow raw material and let somebody else get the profits of marketing and manufacturing. The paradise of farming is Denmark—the most interesting country I visited, and one of which I shall write several articles later—and its great prosperity is due solely to co-operation. A day or two before I left, for example, I saw one farmer rolling up a hefty bank account on a 13-acre farm. He had lived in America and over here he had a 160-acre farm.

"And do you think 13 acres enough in Denmark?" I asked him.

"Sure," he replied, "I could get along with a little less; I'd not have to work so much!"

"The reason this farmer and thousands of his followers can make a better living on 13 acres than many Americans can make on 160 acres, is that he makes not one profit, as an American farmer makes, but three profits. He makes one profit on growing the crop, itself, the raw material; then he makes another profit for converting this material into butter, beef, bacon and eggs. Then he makes another profit by selling these goods direct to his customers, at middleman's profits. Then on his big purchases he saves great profit by buying collectively. In railroad rates he saves much by shipping collectively.

"In other words, he gets in profits from a dozen sources to which the American farmer pays out profits; and he concentrates time, thought, labor and fertilizer on a small acreage, which is getting richer all the time, instead of dissipating it on a big acreage that is getting poorer all the time."



## Cheaper Than Horses —More Dependable —Costs Nothing When Not Working

Plows 25 to 50 acres per day, costs 35 to 60 cents per acre. Double discs 60 to 75 acres per day, cost 10 to 20 cents per acre. Drills and Harrows (same time) 100 to 150 acres per day, cost 20 to 25 cents per acre. Harvests 60 to 100 acres per day, cost 20 to 30 cents per acre. Also hauling, pumping—any farm work—at lowest cost. The ONLY one-man farm power for plowing. Two men not necessary to run the Self-steering BIG FOUR.

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Pays for itself in actual saving in one to three years.

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sent to all inquirers. Contains facts, figures and illustrations of inestimable value to every farmer. Shows just how to cut down your operating costs. Don't wait until next year to begin saving. Write for this valuable book TODAY!

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"Thursday my boy plowed 5 1/2 acres." Ole H. Bang, Oslo, Minn.

"No machine of any kind will pay for itself as quickly as the Big Four." W. H. Mathews, Ortonville, Minn.

"I wouldn't farm with horses again if I had to pay \$10,000 for my engine." Daniel Tschantz, Turtle Lake, N. D.

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Every hog raiser knows the importance of giving special care and attention to the health of his brood sows; for these animals are the pork producing plant of his farm. He knows he cannot expect strong, healthy litters from sickly, scrawny, poorly nourished brood sows. By feeding a small quantity of Merry War POWDERED Lye with the rations, the bowels are kept in normal condition, the blood at an even temperature, and at farrowing time fever will be allayed. The chances for a fine litter of healthy pigs will be greatly increased. From weaning until marketing hogs should be kept on a Merry War POWDERED Lye diet—just a small quantity mixed with the feed. It protects hogs against cholera, destroys hog worms, keeps the hogs keen in appetite, adds weight—in short—increases pork profits. Don't experiment with ordinary lye. It might prove dangerous. Merry War POWDERED Lye is specially prepared and is a safe hog remedy and conditioner. The experiences of thousands of hog raisers prove my claims about Merry War POWDERED Lye. Here is a fair sample:

### It Saved The Life of This Brood Sow

"I want you to know what Merry War Powdered Lye did for a valuable red Duroc Jersey sow of mine. When our sow took sick we did not know what was the matter with her. She looked just like the picture of the skinny hog in your ad., so we used a can of Merry War Powdered Lye and she was able to stand up in three days. When we began using Merry War Powdered Lye we expected to find her dead at any moment. She is now in good condition and I expect her to farrow at least 10 pigs the first of August."

MRS. A. P. SORESENSEN, Otter Pond, Ky.  
 Prove this for yourself. Merry War POWDERED Lye is for sale at most dealers, 10c per can (120 feeds). It is convenient to buy in case lots—4 doz. cans, \$4.80. Costs only 5c per hog, per month to feed regularly—by far the best and much the cheapest hog insurance you can buy. If your dealers can't supply you, write us, stating their names; we will see that you are supplied, also send you, free, a valuable booklet, "How To Get The Biggest Profits From Hog Raising." Order direct from us in case lots (4 dozen cans \$4.80) if your dealers won't supply you.



E. MYERS LYE COMPANY, Dept. 12 St. Louis, Mo.



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 Light for all your buildings at any hour of the day or night. No danger of fires or explosions from lamps or lanterns. No lamps to clean and fill. And with all its advantages

## Electric Light Is Not Expensive

Burning all 50 lights of this system for 5 hours would only cost about 10 cents for fuel oils. You would seldom burn all lights at once hence this low cost would be much reduced. Let us give you full particulars. Write for Catalog No. CD 898



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Anything that helps you keep disease from hogs is certain to increase profits at market time; and in helping you do this Lewis' Lye is therefore worth many times its cost. In safeguarding your money investment in hogs—don't overlook the importance and value of lye. Lewis' Lye, because of its guaranteed purity, full strength—its simplicity of feeding—has long been recognized as the surest hog conditioner.

## Lewis' Lye

### The Standard for Half a Century

Saves its cost hundreds of times a year for others. When fed to your hogs consistently, according to our specific directions, it will do the same for you—and produce big, fat, healthy animals at market time.

#### On The Farm—

Lewis' Lye, as the pure lye it is, is especially recommended as a hog conditioner and preventive of disease. It is also valuable as a disinfectant and for spraying trees, vines, etc., etc.

#### In The Home—

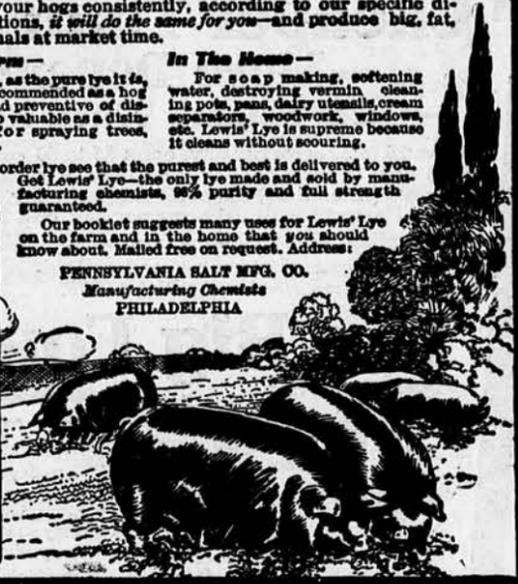
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When you order lye see that the purest and best is delivered to you. Get Lewis' Lye—the only lye made and sold by manufacturing chemists, 99% purity and full strength guaranteed.

Our booklet suggests many uses for Lewis' Lye on the farm and in the home that you should know about. Mailed free on request. Address:

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The genuine has a Quaker label on every can.



# LIVE STOCK



Kafir corn heads that have been soaked for 10 or 12 hours are fine hog feed when balanced with alfalfa. Soaking is cheaper than grinding and produces nearly as good results, as the hogs are compelled to eat more or less of the stems with the grain, and this prevents impaction as might result from the meal alone, which is very heavy.

The Department of Agriculture has issued an order admitting sheep for exhibition purposes at the International Live Stock Exposition without being subject to quarantine, provided the sheep are at once returned to Canada after the show or, if any have been sold in this country, they shall then be quarantined at Chicago for the usual 30 days.

One reason why the cost of living is high is because we do not make any effort to cheapen it. There are mighty few farm families in Kansas that could not do their own butchering and have an abundance of meat at farm cost. If a family cannot do this, then two or more can do so. A beef club can be organized to run the year round, and pork curing does not need any clubs.

The list of delegates appointed by President George B. Ross, of the Kansas Improved Stock Breeders' Association, to the Kansas Agricultural and Industrial Congress which will meet in Hutchinson on November 19-20, is as follows: Jas. Mains, Oskaloosa; J. F. True, Perry; T. H. Terry, Bavaria; C. S. Nevius, Chiles; I. D. Graham, Topeka; J. M. Rodgers, Beloit; C. W. McCampbell, Manhattan; H. W. McAfee, Topeka; O. O. Wolf, Ottawa; Robert H. Hazlett, El Dorado.

The Kansas Swine Breeders' Association will be represented by the following delegates at the Kansas Agricultural and Industrial Congress at Hutchinson, on November 19-20: George B. Ross, chairman, Sterling; F. A. Dawley, Waldo; P. H. Padgett, Beloit; J. W. Ferguson, Topeka; J. H. Reiser, Atchison; J. F. Stodder, Burden; Charles Morrison, Phillipsburg; H. A. Thomas, Freeport; M. D. Stryker, Fredonia; J. D. Spangler, Sharon.

Hog troubles are due to too much dirt and too much corn. Corn is a fat producer, but not a muscle builder, and an exclusive corn diet during the growing period not only fails to supply the elements needed by the animal, but is productive of digestion troubles and weakness in the system which invite disease. Corn is a good element in the ration of any hog at any time. There is nothing better, but it must be balanced by alfalfa, clover or some other nitrogenous feed during the growing period of pigs and the breeding periods of hogs. There is only one period in the life of the hog when an exclusively corn ration should be used, and that is at the last end of the fattening period of market hogs. There is no time in the life of a hog when he should not have clean, dry sleeping quarters and pure drinking water. Both worms and cholera come with filth.

#### The Difference.

At present prices a good 250-pound hog would bring, say \$8.50 per hundred, or \$21.25 per hog. As such a hog would cut up into about 35 pounds of hams, 30 pounds of shoulders, 25 pounds of thick sides, 21 pounds of thin sides, 30 pounds of lard, 40 of spare ribs, head, etc., and 18 of sausage, it is easy to compare the cost of this 200 pounds of meat and 50 pounds of waste with what we pay the retail dealer and see whether home butchering would pay.

#### To Replace Horses.

"I believe the up-to-date farmer will buy a better class of mares to replace the horses lost by the plague, and I think it will be a very busy season for stallion owners, as the farmers will naturally want to raise colts as fast as possible. As to whether the farmers will buy at once or wait until near spring, is a local question depending upon the necessities of the case. As the feed supply is generally abundant throughout the west, there is no reason

why the farmers should not buy good mares and have them raising colts," writes O. L. Thisler, of Chapman, Kan.

#### Will Buy Better Horses.

"I am sure that the better class of farmers will buy mares, principally, and will get a better class than they have been handling before the horse epidemic," writes C. W. Lamer, the big Percheron importer, of Salina, Kan. "It is useless for me to say, what every good farmer knows, that the better mares we have the greater will be the profits.

"I do not think there were enough horses lost to effect the price of horses at the market, though horses may come a little higher in the stricken districts. "I have inquiries from the infected districts for better horses, and I think the better class of farmers will replace the grade horses and mares that died with pure-bred or high-grade mares as soon as they can find them, as they have plenty of feed in that country. The stallions will undoubtedly have a heavy season."

#### High Price of Beef Due to Cost of Fattening.

An interesting fact in steer fattening and a partial explanation of the high cost of meat, is that when a young or thin steer is fed for beef, it costs more per pound to fatten the steer than the added flesh will sell for. Consequently, the finished steer must be sold for enough more per pound than it costs as a feeder to make up the loss caused by fattening. This greater price can usually be obtained on the market because of the improvement in quality brought about in the fattening process. This is an important factor for every steer feeder to understand, and is explained more fully in Bulletin 224 issued by the College of Agriculture of the University of Wisconsin. This bulletin may be obtained free from the College of Agriculture.

#### Southwestern Guernsey Breeders.

The Southwestern Guernsey Breeders' Association held its annual meeting at the Live Stock Exchange building, Kansas City, on Friday, October 12, and elected the following officers: President, Conway F. Holmes, Kansas City, Mo.; Vice President, R. C. Kruger, Burlington, Kan.; Secretary-Treasurer, William B. Henderson, Kansas City, Mo.

One of the principal matters of business discussed at this meeting was the establishment of a dairy cattle department in the American Royal. This great show has heretofore confined its cattle entirely to the beef breeds, but the Guernsey breeders are taking the lead in the effort to have Kansas and Missouri more correctly represented by the admission of the dairy breeds, as well.

Both Kansas and Missouri are dairy states of repute, and the American Royal will never be truly representative until the dairy breeds are included in this show. Breeders of other dairy breeds of cattle should get busy and lend their influence towards securing this much to be desired result.

#### Smithfield Hams.

The method of curing the famous Smithfield hams of Virginia is described by the United States Bureau of Animal Industry as follows:

The flesh surface is sprinkled with saltpeter until the hams are as white as thorough covered with a moderate frost. Use three or four pounds of saltpeter to 1,000 pounds of ham. Immediately salt with fine Liverpool salt, covering the entire surface. Pack the hams in bulk not deeper than three feet. In ordinary weather they should remain thus for three days. Then break bulk and resalt with fine salt and again pack in bulk. Each ham should remain in bulk one day for each pound the ham weighs; that is, a 10-pound ham should remain 10 days. The hams are then taken up and thoroughly cleaned by washing in warm water. When nearly dry, rub the entire surface with fine black pepper. The ham should now be hung up and gradually and slowly smoked for 30 or 40 days with hickory or red oak. When the smoking is completed, they should be re-peppered and bagged to guard against vermin.

## Get this Training

Last season over 900 students attended the Hart-Parr practice schools of Traction Engineering. The cut shows

a group of them in session at Regina, Sask., Canada, Feb. 20th to 29th, 1912.

This season we will hold similar schools at 12 centrally located points in the great farming districts of the United States and Canada. These practice schools are absolutely free to students taking our Correspondence Course in Traction Farming and Engineering.

This course of 15 lessons, at home, gives you all the details of gas tractor construction, operation and care. Tells how to select the best one. How to regulate the fuel, operate levers, control speed, make proper adjustments and repairs.

The practice school instructions help you apply this knowledge. Here you get a chance to actually run a tractor. With an engine right before you, you can examine all the construction details and all the other things that you have read about in the lessons. Expert instructors are right on the spot to correct your errors and make everything clear, step by step.

If you expect to buy a tractor—if you now own a tractor—or if you want to earn the big pay of an expert traction engineer, you need this unexcelled training.

### You Can Obtain this Course FREE

Write us for full information.  
A postal request will do.

Locations of practice schools will be announced later in this paper.

### HART-PARR COMPANY

212 Lawler Street . . . CHARLES CITY, IOWA

## Miller Sectional Corn Cribs



Delivered at your railroad station for less than the bare cost of lumber at your local yards for the same size of crib.

Furnished in any size you want. Painted inside and out. Built in sections that are easily put together to make complete cribs, with only a wrench. Tongued and grooved floors and box car roofs. Thoroughly rat-proof. All bolts and braces furnished. Doors wherever wanted.

Buy from us and save money on the lumber, and all the trouble and carpenter hire of building. Then you will have a crib that can be taken down, moved and re-erected without any loss of lumber, and with very little work. You can't get better cribs anywhere.

### FULLY GUARANTEED. YOUR MONEY BACK IF WE FAIL TO MAKE GOOD ON ALL WE SAY

Shipments made same day we get orders. No delays in getting out any size cribs, or in any number, where one or a dozen.

Write us what size crib you want; whether single or double, giving your shipping point. By return mail we will quote you our fully prepaid price, and send full information, illustrated down to the smallest detail. Don't delay writing.

MILLER MANUFACTURING COMPANY, ST. LOUIS, MO.

**Profit In Fall Pigs.**

An Ohio farmer who has had the experience which teaches him that there is money to be made with fall litters, gives results with two Duroc Jersey sows and their fall litters. These sows farrowed August 30 and September 1, 13 and 11 pigs, and raised 10 and 9, respectively. The feed they consumed, counting from the time the sows were bred until the offspring were sold, May 19, 1911, was as follows:

Pasture, \$5.90; tankage, \$12.25; ground wheat, \$9.50; skim milk, \$2; linseed meal, \$2; sow beans, \$2; 193 bushels of corn, \$86.85; total cost, \$120.50. When they were sold they weighed 3,725 pounds. We received \$6 per hundred weight for them, or \$223.50, making us \$103 profit, or 98 cents per bushel for corn consumed.

In the above figures we counted the feed at market price at that time, but at the present prices they would have cost us \$155, but we could easily get \$7 per hundred weight now, which would make us a profit of \$105.75, or producing pork for \$4.12 per 100 pounds.

One of the things necessary to consider as important is to be sure that the hogs must be made to drink plenty of water and, in order to do this, a part of their feed should be given as slop. Another thing which the Kansas farmer can consider is that alfalfa will take the place of a part of the concentrates in this ration and produce better results, while Kafir can be used instead of corn and with almost equally good results.

Every little bit of extra care given to the pigs pays a good interest on the investment. Hogs can be produced, to a marketable weight at 7 months old for less than \$4.25 and, when this is done, there "is money in hogs."

A rooting hog needs something besides a ring in his nose. He needs something in his feed which he does not get, or he would not root. It is up to you to supply this.

Sixty one per cent of the stallions in use in the middle west are grades, and many of them are scrubs. These animals are only kept in business by the low service fees. Saving \$5 or \$10 on the service fee and losing \$75 or \$100 on the colt is making money backwards.



S. R. FEIL, Pres. Registered Pharmacist

**I want to show you how quickly Sal-Vet will rid your stock of deadly worms, which are the cause of 90% of the sickness and death among farm animals. I want to show you how it will improve your stock—how it will make them thrive faster, look better, and make you more money. I'll prove it before you pay me a single penny.**

**Read These Letters**



**The Great Worm Destroyer and Stock Conditioner**

The change in my hogs is simply wonderful. I will never allow any of my stock to be without Sal-Vet in the future.  
CHAS. DUNLAP.  
Hudson, Ind.

Sal-Vet does all you claim for it. I know of nothing as good, as reliable or as cheap.  
E. C. STONE,  
Sec. Am. Hamp. Swine Record.  
Peoria, Ill.

Sal-Vet is all right. My hogs are doing finely, although there are a lot of hogs dying throughout this neighborhood.  
H. C. HANCOCK.  
Narka, Kas.

Sal-Vet is a great remedy. Farmers all around me have been losing hogs since last fall, while I did not lose any, nor did I have one that showed any signs of sickness.  
Box 12, Newport, Ia. (Signed) G. R. FONTZIUS.

I sold one lot of hogs before I got the shipment of Sal-Vet, but kept an equal number. I fed Sal-Vet to the latter for two weeks and, while they were not as old as the first lot, I sold them and they weighed 250 pounds more than the oldest, which had not had Sal-Vet.  
Savannah, N.Y. JOHN E. SEVERENCE.

I am greatly pleased with your Sal-Vet. My hogs are doing just fine, but my neighbors all around me, who have not used Sal-Vet, have had heavy losses.  
(Signed) JERRY C. SMELTZER.  
Box 22, Canaan, Mo.

**Send No Money—Just the Coupon**

Tell me how many head of stock you have. I'll ship you enough Sal-Vet to last them 60 days. You simply pay the small freight charge when it arrives and, when the 60 days are up, report results. If it does not prove satisfactory, I'll cancel the charge—you won't owe me a cent. Fill out and mail the coupon today.

SIDNEY R. FEIL, President  
**THE S. R. FEIL COMPANY**  
Manufacturing Chemists  
Dept. KF CLEVELAND, OHIO

**PRICES:** 40 lb., \$2.25; 100 lb., \$5.00; 200 lb., \$9.00; 500 lb., \$18.00; 600 lb., \$21.12. No orders filled for less than 40 lbs. Never sold in bulk; only in Trade-Marked Sal-Vet Packages.

Shipments also made from our Western and Southern Warehouses to save our customers time and reduce freight charges.

Send me enough SAL-VET to last my stock 60 days. I will pay the freight charge when it arrives and will report results in 60 days. If it does not prove satisfactory, I will pay no money for it. If it does, you will be credited the amount of the charge.

Name \_\_\_\_\_ P. O. \_\_\_\_\_  
Shipping Sta. \_\_\_\_\_ State \_\_\_\_\_  
Sheep \_\_\_\_\_ Cattle \_\_\_\_\_ Horses \_\_\_\_\_  
Hogs \_\_\_\_\_

(ADVERTISEMENT)

**SENATOR GEORGE H. HODGES**  
**Democratic Nominee for Governor**

**DAILY CAPITAL RETRACTS**

Arthur Capper's Topeka Daily Capital, in an article in one of last week's issues, made a plain retraction of its earlier efforts to connect Senator Hodges with the Lumber Trust. It was plainly and directly stated that Senator Hodges and his firm, Hodges Bros., are NOT members of the trust.

**CAPPER'S RECORD**

But days and weeks before this retraction in the Daily Capital, the voters refused to believe that and all the other lies about Senator Hodges. They decided they could not afford to have for Governor, a man of whom his friends boast as being a millionaire, all made in a few years; a man who has claimed his income to be \$100,000 a year, a large part of which depends on Arthur Capper's continually publishing, for high pay, what competent advertising men say are out and out frauds and fakes. They say thousands of dollars worth of Capper's advertising revenue have come from Dr. J. W. Kidd, whom Collier's Weekly, at Page 9, of October 12, 1912, calls the "Prince of Quacks."

Doctor Crumbine, Secretary of the State Board of Health, is credited in the Topeka Daily Capital of Sunday, October 27, 1912, with saying of the medicine advertised by Prof. Samuels, of Wichita, that, "of all the fakes ever invented, this one seems to be the limit." Yet within a month Arthur Capper printed in his Kansas Weekly Capital a full page advertisement of this "fake". The price of this page, according to published rates, was \$784.00. This explains why Capper can spend in his campaign a sum that has been conservatively estimated at \$50,000.

**HODGES' RECORD**

It was Senator Hodges who secured the passage of the resolution through the Kansas Senate memorializing Congress to remove all tariff from lumber. High tariff is the very thing the Lumber Trust most wants.

It was Senator Hodges' vote in the Committee of

the Whole of the Senate which gave Kansas her primary election law and the anti-pass law. He was one of the four who wrote the bill and got action on it, establishing the Utilities Commission. It was he who originated the law taxing express companies more than \$12,000 a year, where before they got off with only a nominal payment. His vote made it possible for the people of Kansas to buy coal without paying extra tribute to coal companies and rail-



SENATOR GEORGE H. HODGES.

road companies for "under weights," as had been the practice for years in Kansas mines and on her railroads.

As a member of the Railroad Committee in the Senate, against the antipathy of the rest of the committee, he got a resolution through which resulted in the law making a 15 per cent horizontal reduction in the freight rates on grain and grain prod-

ucts—saving the farmers \$250,000 a year in their freight bills.

**HODGES' PLEDGES**

Senator Hodges stands for a lower cost of living—lower taxes—lower expenses and an increased efficiency from every person and every interest drawing pay or payment from the State.

Senator Hodges is against the oppression of the widow and the fatherless in the present inheritance tax law. He is for such a tax law as will perform the honest purpose of an inheritance tax law, by making the overly rich carry a larger part of the burdens of the poor—by making it possible for the worker to get a larger share of what he earns.

Senator Hodges is against all grafts and grafters, big or little, rich or poor. He is against legalizing any kind of graft, whether of making tax-dodging easy, or the poor to pay a double tax for the benefit of some of the rich. He is against the iniquities and grafts as practiced in the school book and periodical publishing business, as well as those practiced by all other lawbreakers. He is against hypocrisy and treason to the people in any form.

He is for cutting down the contingent funds of executive officers, and for eliminating every expense inconsistent and unnecessary to good and clean government.

He owes no political debt to anyone but the people of Kansas at large. He is of the people and for the people. He is known from one end of the state to the other as the Progressive Senator.

The voters are convinced that Senator Hodges in the Governor's chair means a more efficient administration of the full duties of that office in the interests of all the people, at a greatly reduced expense account. They know that the Governor's office should not be occupied by any man whose occupancy would in any manner serve to lend prestige or give countenance to any fakes or frauds that could be advertised in any of "57 varieties" of a Governor's publications.

H. S. MARTIN,  
Chairman Democratic State Committee.



Quickly  
Taken off  
with —



After greasing the farm wagons, a little Old Dutch Cleanser will start that blackened grease and grime from your hands. It works just as well on any kind of stains and farm work discolorations. Moisten hands, sprinkle with Old Dutch Cleanser, and wash in clean water. Saves twice the effort and time.

Many other uses and full directions on large sifter can—10c.

# DAIRY



A dairyman writing of the disinclination of hired help to milk cows says that the American working people have a strong inclination to follow mechanical lines. He states that it is not only difficult to secure hired help to work in dairies, but likewise to do general farm work. He says, however, that in his locality it is easy to get men to make up threshing, harvesting and baling crews. He says it is the same tendency along mechanical lines that sends men to the city. We shall not argue as to whether or not the dairyman making the above statement is correct. It is certain that it is difficult in the west to get men who are willing to milk cows. There is something about farm work in general, and dairying in particular, that does not appeal to the day or month laborer. We have not been able as yet to decide in our own mind why this is so. It would be interesting to have the opinion of KANSAS FARMER readers on this point.

after looking the situation over would say at once that they have the facilities on their own farms and could do as well.

New Zealand has made wonderful strides in dairying the past 10 or 15 years. The papers of that country are devoting much space to the subject of crossing Jerseys and Holsteins in an endeavor to combine the high fat content of the Jersey milk and the large flow of the Holstein. This, for years, has been the dream of breeders and experiments have been made times without number to produce a cross of the two breeds that would combine in one animal these two most desirable features. An occasional good dairy animal results from the cross, but such animal is the very rare exception. There is no good reason for further attempts along this line. The experience of the past, together with the all-around excellence of either one of these breeds, makes further experimentation unwise.

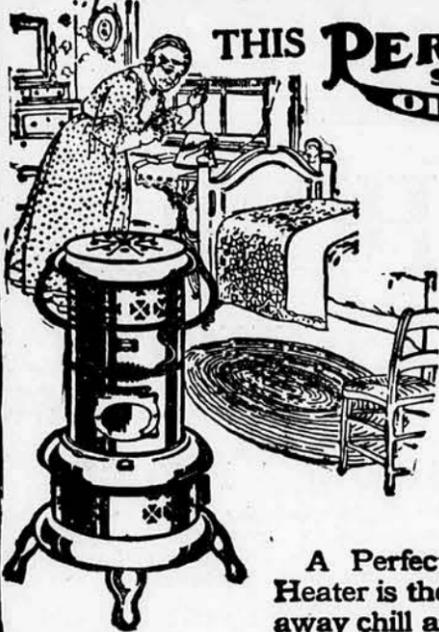
The dairyman must keep in mind that the individuality of the cow is the important factor in economic production. Those cows which are the most profitable for dairy purposes are to be found among herds of dairy breeding. However, the fact that a cow is a pure-bred or a high-grade is no guarantee that she is either a large or economic producer. However, the larger number of profitable dairy cows is found in such herds, and these are of dairy breeding. To breed along dairy lines is the surest method of securing a good cow, and it is from good cows so secured that the heifer calves are likely to possess the characteristics of their ancestry. Good individual cows are occasionally found among breeds and in herds that have absolutely no dairy breeding. Such cows, however, are rare, and just what the offspring of such cows will be is extremely questionable. For these reasons dairy breeding becomes the first important requisite in building up a herd of dairy cows. The individual factor, however, remains, and there is no method of knowing the value of the individual cow without applying the Babcock test and scales.

Farmers generally who milk cows either for the sale of the cream or for the making of butter, have accepted the centrifugal cream separator. It is not unusual, however, to find gravity methods of separating cream still used. The cream is either raised in crocks or pans, or by some of the so-called gravity separators. The gravity method of skimming is wasteful. Under ordinary farm methods an average of one-fifth of the butter fat is lost in the skim milk. The cream is low in butter fat and does not have the keeping quality of cream richer in butter fat. The direct advantages of the centrifugal hand separator are that practically all of the butter fat contained in the milk is recovered and that the cream can be skimmed rich or thin as the operator may elect. We doubt if there is a herd of 10 cows milked anywhere from which quantity of milk the saving in butter fat by the centrifugal separator as compared with the gravity skimming would not pay for a centrifugal separator in one year's time. Economy is the watchword of the dairy. A system of skimming which in one year loses the butter fat of two or three cows in a herd of ten is not economy and makes dairying just that much less profitable.

Not long since a visitor to KANSAS FARMER who had just looked over the dairy stock and equipment and dairy work of the Kansas Agricultural College, said he was surprised at the common, farmer-like way in which this equipment is kept and the work accomplished. This man admitted that he was disappointed in not seeing what is ordinarily called "fancy dairying." The facts are that farmers in general have long contended that experiment station results are of little or no value because the work is conducted in a way not practical in average farm operations. In so far as dairy work at the Kansas institution is concerned, it is our judgment that a good deal more is being accomplished for the general good now than ever before. The manner in which cows and calves at that institution are taken care of is no better than the average 160-acre farm will permit. The buildings of the college are probably better than are found on any other farm in Kansas—particularly so with reference to their peculiar adaptability to dairying. We assure any farmer, however, that Professor Reed, the dairyman, could accomplish the same results in milk production and in developing a dairy herd with much more ordinary, common, and cheaper buildings. It was economy for the state to erect substantial buildings, and it is in their substantiality more than in any other respect that the experiment farm dairy buildings are better than those of the average farm. Reed's dairy work has attracted attention throughout the United States. He has so fed and cared for the dairy herd that he has established several records for each of the breeds he handles. It will do any farmer who is doubtful about his having the facilities for successful dairy work good to spend a day at the college looking over the accomplishments there. What has been done has not been accomplished through extreme or unusual care or feeding methods. Nine out of every ten farmers

The agricultural colleges, particularly so far as dairy operations are concerned, are each year setting forth examples for the farmer which are more and more practical. Ten years ago the colleges obtained good dairy herds by buying good cows. The farmer made the claim that he could have a good dairy herd too, had he the money to pay for top notch cows. This general sentiment has induced the colleges to build up dairy herds from common stock by breeding and selection. We do not know of a college in this western country which has not built up highly profitable dairy herds in recent years by such methods. Missouri, Kansas, and Nebraska are three such institutions, and the work of which has heretofore been described in these columns. We now note that Professor Roberts of Cornell College a few years ago took charge of a herd of very ordinary cows averaging 3,000 pounds of milk per cow and 120 pounds of butter fat per cow per year, and in a few years has raised the average of the herd to 7,500 pounds of milk with a butter fat yield of 302 pounds per cow. In reading of the manner in which Professor Roberts did this, we are impressed with the fact that he did not one thing that the humblest farmer cannot do if he has the disposition to improve his herd. All that Professor Roberts did was to hold steadily to good, pure-bred sires, disposing of the poorest cows and the calves of the poorest cows, retaining the best cows and retaining the best calves from the best cows. His methods of feeding were very ordinary, silage supplying the roughage and clover hay and cow pea hay taking the place of the alfalfa hay we would feed in the west. The evidence KANSAS FARMER is submitting from time to time of the advantages of the good dairy herd as compared with the poor, and the simple methods of grading up the dairy herd, ought to arouse every man who has an ambition to do better than he has done.

## THIS PERFECTION SMOKELESS OIL HEATER



Will Heat  
Your Spare  
Room

It means a lot to your guests to find a cosy, well-warmed room awaiting them.

A Perfection Smokeless Oil Heater is the very thing to drive away chill and damp in a hurry.

No smoke or smell with a Perfection. Just clean, glowing warmth at a minute's notice.

A Perfection Heater gives nine hours' comfort on a single gallon of oil. Handsome, yet inexpensive. Dealers everywhere, or write for descriptive circular.

Get a Perfection Smokeless Oil Heater now, and be comfortable all the rest of the winter

STANDARD OIL COMPANY

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## KANSAS FARMER'S GREAT PRIZE CONTEST

Good for 25 Votes

For \_\_\_\_\_

Address \_\_\_\_\_

This ballot must be received at the Contest Department of KANSAS FARMER within ten days from date printed hereon. Mail this to the CONTEST MANAGER KANSAS FARMER, Topeka, Kansas. November 2,

# DE LAVAL CREAM SEPARATORS

not only save their cost every year but may be bought on such liberal terms as to literally pay for themselves. Why should you delay the purchase of the best separator under such circumstances?

**THE DE LAVAL SEPARATOR CO.**

165-167 BROADWAY, NEW YORK. 29 E. MADISON ST. CHICAGO.

## TOWER'S FISH BRAND REFLEX SLICKER

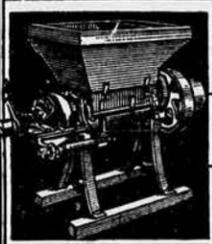
THE COAT THAT KEEPS OUT ALL THE RAIN



\$3.00 EVERYWHERE SATISFACTION GUARANTEED

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## SAVE 1/4 OF EVERY \$1.00



Every mouthful of unground feed your stock eats means a waste of 25 to 30%. Would you let that amount rot in the field unharvested? No! Then GRIND IT on a

**STOVER OR IDEAL FEED MILL**

SEND FOR CATALOG We also build Samsom Wind Mills, Pump Jacks, Hand Grinding Mills for Poultry Raisers, Gasoline Engines, Ensilage Cutters and Brass Candlesticks.

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BY ONE MAN with the FOLDING SAWING MACHINE, it saws down trees. Folds like a pocket-knife. Saws any kind of timber on any kind of ground. One man can saw more timber with it than 2 men in any other way, and do it easier. Send for FREE illustrated catalog No. A40 showing Low Price and testimonials from thousands. First order gets agency.

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41 INCHES HIGH 100 other styles of Farm, Poultry and Lawn Fencing direct from factory at save-the-dealer's-profit-prices. Our large catalog is free.

**20 CENTS A ROD** RITZELMAN BROS. Box 81 Muncie, Ind

## A Sure Spark PERFECT IGNITION

Get results from your gas engine—no delays or hold-backs—use French Auto Special Batteries—made especially for ignition purposes—test high-spark every time—even in coldest weather.

**FRENCH TELEPHONE DRY CELLS** cost less per thousand Talks than any others. Uniformly good. Test these dry cells for 30 days—if not perfectly satisfactory—your money back. If your dealer can't supply you, write us.

French Battery & Carbon Co., Madison, Wis.

## TREES

Fall Planting. All kinds, at wholesale prices. Save agents' commission of 40 per cent. Premium with each order. Stock guaranteed. Certificate of inspection furnished. Free Fruit Book and Price List. Address Box K, Wichita Nursery, Wichita, Kan.

## GEM OIL GAS BURNERS

Cuts coal bills 20 per cent. Ask for proof. Fits coal stoves; burns oil or natural gas; changes instantly. Not an experiment; used and recommended by hundreds of people. Price, No. 6 Gem, \$3.95. Dealers sell them fast.

**GEM OIL GAS BURNER CO.,** Hutchinson, Kansas.

**Tribute to Milk.**  
"What a wonderful thing is milk! Born of the mother-love, it nourishes the young of all warm-blooded creatures whose term of life would quickly end were it wanting. From the lowest mammal to noble man, made in God-like image, milk is the flesh builder, the nerve power, the very essence of life. It is the one product all indispensable, universal. The cow, man's queenly servant, sacred in history, ever needful, deserving of the most kindly regard of man for animal—because giver of the most intricate of life's mysteries, that greatest of life's necessities—milk! Symbol of purity—milk! Comprising all the elements of life, as does no other food, no other food deserves man's attention as does milk."

**Dairy Breeder Must Know.**  
"It has been pointed out," says the Holstein-Friesian Register, "that a breeder of dairy cattle is naturally, and by influence of environment, a fine, intelligent man. This is fortunate, because there are so many things he must know, so many arts he must skillfully practice! He must not only fathom the mysteries of breeding and become familiar with the science of feeding, but he must have a head for business, keep accurate records and accounts, and he must master the publicity problem. No matter how excellent his product may be, unless the markets of the world know it, it profits him little. No one can so convincingly enumerate and set forth the desirable qualities of an animal or herd as its owner or breeder who knows it

"Do not test a sample of his cream delivered elsewhere unless you personally take a sample of his cream."  
"Be frank and open with him and invite him to see his cream weighed, sampled, and tested in accordance with the rules of this bulletin."

**Backward Look at Dairying.**  
"It is not more than 20 years ago," writes N. S. French, Oakdale, Calif., to KANSAS FARMER, "that the Holstein cow, Sadie Vale, claimed the championship with a record of near 30 pounds of butter in seven days. I then wrote a well known farm publication that some cow, somewhere, would, sometime, make a record of an even 35 pounds in seven days, or five pounds per day. It could not have been more than two years before that prediction was more than made good; and since then it seems that new records were only made to be soon broken by some of the four dairy breeds. And in this year of 1912 record breaking has been an almost monthly occurrence; and now Valdesa Scott 2d has a record of 41.87 pounds of butter; figured on the usual 80 per cent basis, or almost six pounds of butter a day, not only for seven days, but nearly as much for the 30-day period as well."  
"A seven day record may not fully prove a cow's value, but about a score of these champion cows have produced close to 1,000 pounds of butter in a year; while the average product of all cows in the United States is 150 pounds, or less. Now the man who is milking a herd of these 150-pound cows may think that these high records mean nothing to him,

## MUCH TOO COMMON COW



SUCH COWS AS THIS ARE OF NO VALUE IN THE DAIRY, AND FAR FROM THE BEST FOR BEEF. THIS COW PRODUCED BUTTER FAT AT A COST OF 63 CENTS PER POUND. IT IS ESTIMATED THAT SHE LOST HER OWNER \$15.98 IN ONE YEAR. SHE IS BADLY BRED AND POORLY FED.

thoroughly. He should therefore seek for skill with words and the arrangement of ideas and facts so that he may tell what he knows as clearly and persuasively as possible."

### Patrons' Questions and Answers.

How often should a cream separator be washed?

The bowl and all parts of a cream separator which come in contact with milk or cream should be thoroughly washed and scalded after each separation. It is unlawful to use a dirty separator or dirty utensils.

What causes cream to become sour? The action of bacteria. The souring of cream is delayed by keeping it clean and keeping it cold.

What are the chief causes of the bad flavors in cream?

Pastures containing strong-flavored weeds. Keeping cream in caves and cellars. Action of objectionable bacteria.

What is the best time of year for cows to freshen?

In October or November provided the young calves are given adequate winter shelter. A cow freshening in the fall produces from 30 to 40 pounds more of butter fat in a year than the same cow freshening in the spring. Moreover, most of the additional butter fat is produced when prices are highest.

Every creamery has a few patrons which continually are dissatisfied. The following remarks are given in this Kansas bulletin on dealing with such patrons:

"Give him courteous treatment, but no favors.

"Refrain from arguing with him about his cream.

but if so it is simply his own fault. Let us briefly look at the cause, or causes, of these changes of records which are really so marvelous that they seem almost unbelievable. Better breeding may well be given as the one chief cause; but this alone is of little account but for some means of proving out what each and every cow could do or had done. Thus we have in the Babcock test for butter fat, and because a few wide awake and progressive cow owners have seen the benefit of really knowing their cows through this easy method of the test, the scale, and record sheet; these things have been made public so that all may know them.

"If a few cow owners find it profitable to thus test their cows, it does certainly seem that the ordinary cow owner could well afford to get a tester of his own, and privately find out what his own cows are doing. If he is milking even ten, it is more than likely that at least one of them is not yielding fat enough to pay for her keeping. It is more important that the man who is milking 150-pound cows know what he is doing than the man who has a 1,000-pound cow.

"Between the two there is a long incline, and the only way that even a start can be made is by knowing the cows that the start is made with. A rich man may buy cows, and start as close to the top as his purse will allow; but the poor man will do better to rear his, at present prices, and to rear them to the best advantage it is of the utmost importance that he personally know each and every one of his cows, by means of the scales and the Babcock test. And the time to start at this work is right now, as once started the rest is easy."



It takes the very best of salt to bring out the full flavor of hams and bacon.

Worcester Salt makes a clean, sweet, sparkling brine. It gives to meat a flavor not obtainable with other salts. It produces the sweet, tasty kind that commands the highest prices.

## WORCESTER SALT

The Salt with the Saver



Worcester is best for butter-making. Its fine, even grains and its sweetness make it a perfect dairy salt.

For farm and dairy use, Worcester Salt is put up in 28 and 56-pound bags. The bags are made of the best quality of Irish linen. Get a bag and try it.

Write for booklet, "Curing meats on the Farm." Sent free on request.

**WORCESTER SALT COMPANY**  
Largest Producers of High-Grade Salt in the World  
NEW YORK



## Less Work Less Fuel, Better Cooking

Banish kitchen drudgery. Do your work in half the time with half the effort. Give your cooking skill the best opportunity to prove itself. The

## Monarch Malleable Range

is the housewife's best helper. In construction, workmanship and design, it is years ahead of all other ranges. The Monarch is made of malleable iron and steel. It has complete triple walls— asbestos and steel. The top and oven heat quickly, saving fuel. Every seam is riveted tight—no bolts or stove putty to loosen and fall out. The Duplex Draft and Hot Blast Fire Box insure even heat and full use of all the fuel. The polished top never needs blacking.

Many more Monarch advantages are fully explained in our two free books. Mail us postal now! Address

**Malleable Iron Range Co.,** 531 Lake Street, Beaver Dam, Wis.



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### Use Caution—Don't be Defrauded!

The great popularity and the heavy demand for the famous Martha Washington Comfort Shoes made only by the F. Mayer Boot & Shoe Co. of Milwaukee, have caused dishonest dealers to sell cheap and inferior imitations to their customers when the genuine Martha Washington was wanted and asked for.

## Mayer's Martha Washington Comfort Shoes

You can slip them on and off at will—elastic at the sides insures perfect fit and free action of the foot. You get rest, relief and solid comfort. Dressy, neat and durable. If your dealer cannot supply you, write to us.

The Mayer trade mark and the name "Martha Washington" are stamped on the sole. If you do not find these marks, you are being defrauded.

FREE—For the name of a dealer who does not handle Mayer Martha Washington Comfort Shoes, we will send free a beautiful 15x20 picture of Martha Washington.

F. Mayer Boot & Shoe Co. Milwaukee.



No Buttons—No Laces



## A Kalamazoo Direct to You

Trade Mark Registered

And Gas Stoves Too

### Latest Improved Styles At \$5 to \$40 Less

The high quality Kalamazoo line—over 400 stoves and ranges—now better than ever. New devices such as glass oven door. Prices reduced to a point of saving you \$5.00 to \$40.00. In addition, we offer 30 Days' Trial—360 Days' Approval Test—\$100,000 Bank Bond Guarantee. Over 200,000 customers say our plan is right—you'll say so too.

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Factory Prices Cash or Credit 400 Stoves in Free Book

This Free Book Tells All the inside secrets of stove making and stove selling. All the Kalamazoo line illustrated and described. Reduced Factory prices quoted on everything. You need our big stove book as a reference anyway. Send for it NOW and study it. Ask for catalog No. 189. Please mention this paper when writing.

Kalamazoo Stove Company, Mfrs. KALAMAZOO, MICHIGAN

We make Furnaces and Gas Stoves too. Ask for special catalogs if interested.



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You furnish the rig—we furnish the goods. You establish a permanent trade with farmers of a whole county. Sell the goods on free trial, "pay-when-satisfied" plan. Forty different articles. Medicines, extracts, soaps, toilet, spices, stock and poultry necessities, etc. Every article a repeater and a money getter for agents. Good commissions paid every week. Two hundred positions open to men in good physical condition who are able to give bond and furnish good team and wagon. You can learn all about it by asking for our free book.

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Then he will do better as a farmer, or in anything else he undertakes. Write for particulars about our FARM BOOKKEEPING COURSE. It's a simple, practical, time-saving, dollar-saving business system for the farm.

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Topeka, Kansas.

**MAGANN** A NEW SWEET CHERRY  
for the MIDDLE WEST. Originated in the MISSOURI VALLEY, and highly adaptable to this section. Description, prices and new catalog on request.  
**MOUNT HOPE NURSERIES,**  
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# HOME CIRCLE



### The Point of View.

Before Buying a Car Great Scott! but they're reckless—these chauffeurs, you know. It isn't, Lord knows, that we need laws; but hanging a couple of dozen or so would teach 'em respect for the speed laws.

### After Buying One.

Hey! Hit 'er up, chauffeur; this pace is too slow. It isn't the fashion to heed laws! So pull 'er wide open and let the thing go. What's that? Oh, the deuce with the speed laws!

—Puck.

### His View.

In answer to the question, "What is a lie?" little Mose, the colored boy, said, "A lie is an abomination to the Lord, and a great help in time of trouble."—Holland's Magazine.

### "The Daughter of David Kerr."

One of the new books this fall which is deservedly placed in the front rank by its publishers, is "The Daughter of David Kerr," by Harry King Tootle. The story deals with present day conditions and people, and is told in a most interesting way. Also, a pleasing romance runs throughout the story. Aside from



HARRY KING TOOTLE.

the story, we should feel an interest in its author. While we can't claim him as belonging to our state, he is a next door neighbor, having been born in St. Joseph, Mo. Although Mr. Tootle is a very young man and this is his first book, he has already had great success as a newspaper and magazine writer, and it would seem that he has a very bright future before him.

It is sometimes difficult to keep the yeast for salt rising bread at the right temperature during cold weather. A good way is to place the yeast in a jar, fill another with boiling water, screw on the caps and bury the two side by side in the flour bin. This holds the heat in, and is said to never fail to work.

Old catalogs or magazines which accumulate so rapidly can be put to very good use in the kitchen. Keep one in the warming oven or on top of the reservoir to set hot pans or kettles on or to set the plates on when warming them for a meal. As the top leaf becomes soiled tear it off and there is always a clean place to set things. On baking days, set the bread dough on it so it is always warm but never hot, and makes a fine bread raiser, especially if it is kept on the reservoir with the warm water under it.

Question.—Why do flannels shrink in washing? How can it be prevented?

Answer.—Domestic Science Department, North Dakota Agricultural College: Wool fiber is covered with minute scales like a pine cone and when put into hot water and washed with alkali soap, the scales become tangled, resulting in the shortening or shrinking of the garment. Wash in luke warm water with a pure neutral soap. Soap bark is also recommended. All water should be of the same temperature. Do not rub on board and do not apply soap directly to the article, as it will harden the texture.

The next time you want to use chocolate, don't waste time in grating it, but melt it by putting the desired amount in a sauce pan and place over the top of the teakettle. Two squares of unsweetened chocolate are equal to a cupful of grated.

### Ave, Motoria!

(Hattie Lee MacAllister, In Smart Set.)  
Hail, Motor Car! Triumph and symbol of modernity! Thou givest a fillip and zest to life, and to existence a means, an aim and an end.

Thou pullest human society out of the rut—and art thyself pulled therefrom by the humble equine.

Thou developest to the highest state of perfection muscular instinct in the pedestrian, and permittest only the most agile to survive.

To the prayerful thou givest new cause for prayer, and to the profane new cause for profanity.

Cupid, Hymen and Pluto smile upon thee; thou payest tribute to all three.

Thou causest an increase of flesh—so that the beauty doctors and all the army of masseurs rise up and call thee blessed.

To thine own self thou art a law, and none disputes thy right of way save to his destruction.

Thy possession, lack of possession and hope of possession provide inexhaustible subjects of conversation. Thus dost thou promote the leading feminine industry.

Thou createst a new aristocracy and dost run down the old under thy tires.

Thou art the instigator of envy, malice and all uncharitableness; yet none prays to be delivered from thee.

Thou causest Dobbin to flee from the highway for the upkeep of which his owner has paid the road tax; yet in thy mercy and lack of power thou providest him with a good excuse to come back.

Thy devotees are fire worshipers, who impoverish themselves to feed thy flames, and who prostrate themselves underneath thee.

Day by day may thy triumphs be seen in the streets, yet are not thy victims dragged at thy chariot wheels. Such ancient rite would outrage modern sensibilities, to say nothing of reducing thy speed.

Thou showest the greatness of man, and his impotence before his own handiwork.

Wonderful art thou, and more to be desired than all the world—since it costeth the earth to buy thee and the necessary gasoline and to pay the chauffeur.

All hail!



No. 4071. Ladies' Negligee Shirt Waist.—This shirt waist is cut on the regulation mannish type, with standing collar and long sleeves. It may be made with or without the back yoke-facing. A garment of this style is always in good taste, especially for business wear or for dressing up around the house. Madras, linen, sateen or flannel can be used effectively. The pattern, No. 4071, is cut in sizes for 32 to 48 inches, bust measure. Medium size requires 3 1/4 yards of 27-inch material. Price of pattern, 10 cents.

To Order Patterns.—Write your name and address plainly and in full; give number and size of each pattern you want; enclose 10 cents for each number. Address all orders: Pattern Department, Kansas Farmer, Topeka, Kan.

# Manual Training In Public Schools

By G. E. Bray, Extension Service  
Kansas State Agricultural College

It is the duty of our public schools to furnish the very best education possible to the children of our land. All who have been students of popular education have long known that the purely cultural studies and those for purposes of pure mental attainment did not give the individual the broadest possible education to fit him for the largest service in the community in which he lives. The leaders in educational progress some years ago saw a change must come in the old course of study, and while all that was good of the old was retained, the course must be enriched and strengthened by manual training and industrial subjects. Thus, manual training with its educational and industrial phases was placed in the school curriculum and has spread rapidly through our entire country and is obtaining fuller recognition in school systems of all our states, with the result that it is now taught in the schools of more than one-half of the cities of the United States, and many of the remaining cities and towns are developing practical and vocational courses as rapidly as possible.

The present aim of manual training is to so operate our educational machinery that it may give to the pupil entering the professions, which are also vocational in the broadest sense, its educational values. To the pupil who enters the great field of industrial activity, he must have both educational and vocational values directed toward industry. In making the courses of study for our schools, we must assume that each year will be the pupil's last in school, and our courses must be so arranged that the pupil will get practical industrial training from early in the grades till he leaves. Statistics tell us that only 1 per cent of our students complete a college or university course; only 6 per cent complete the high school course, and only 20 to 25 per cent complete the eighth grade. Comment is unnecessary to show where practical educational instruction is needed at the present time. Statistics also show that manual training has increased to a marked degree the attendance in schools and that, in turn, enlarges the number completing the course.

In early days the work of our schools, as we all know, was directed almost wholly to what was called mental attainments and cultural subjects, anything really practical, and especially hand skill, was looked upon as menial and undignified. Our earlier elementary schools and colleges prepared for professions of law, medicine, etc. This was good for the few. Today all is changed, and we contend that public education with pub-

lic money shall educate all who grasp its advantages for citizenship, development of character and the power to earn a living. To do and not merely to know how to do is being made the test in modern educational services. The world now demands action and measures all by results. To think about doing is well, but doing is better. Experience has proven that a man who does things may be as highly cultured as the man who thinks of doing things. We want culture, but not culture that fails to produce a citizen who can support himself. Let us fellow teachers teach boys and girls to become men and women in the true sense, and forever cease teaching text books.

Some of the people in the rural districts have felt that the old order of school work did not meet the needs of their children, and consequently they refused to send their children to school. Manual training, rightly planned, will overcome their objections for such schools, and tends to keep the boys on the farms, where the highest success of many will be attained. There is no occupation where certain forms of manual training is more needed than in rural districts. Farm work needs system, modern farm machinery requires practical knowledge as is found in manual training work. Farm boys do have manual work, but much is of the crude order, and what they need is directed work. Many of the states are working out these problems in the rural communities very successfully.

In conclusion let us summarize briefly some of the benefits of manual training. It develops the intellectual side of the mind as nothing else can, and furnishes the pupil with real practical knowledge. It increases interest and develops love of work, a pupil frequently doing more than is asked. Manual training keeps boys in school, and in order to get the manual training many have continued their other studies, thus enabling them to graduate. Many of the manual training pupils leave school with the idea that it is just as honorable to work with hands at \$2 per day as to clerk in a store at \$3 per week. Although manual training is taught as a part of general education, it frequently aids the pupil materially in selecting an occupation for life.

We are enriching our manual training courses constantly, through study and observation, and as time progresses, a wider and clearer outlook is being given of the varied industries and occupations of our great country, and industrial and vocational work in our school systems will surely keep pace with the country's needs.

## About Political Advertising

KANSAS FARMER is in receipt of one "stop" on account of the political advertising which has appeared in its columns. This subscriber wished the paper stopped because one advertisement was claiming too much. He said he was neither rank, nor radical, nor stand-patter.

With the name of the subscriber and the party to which he belongs eliminated, it becomes difficult to guess which particular advertisement offended him.

KANSAS FARMER belongs to no party or faction, as we have made plain to everybody. We inject no politics into our paper. We decided to take the advertising of the parties and candidates who wished to serve you. In doing this we threw our columns open to everyone alike.

There are publishers who will not, under any circumstances, print but one side of a question, and there are some people who do not take any other sort of a paper.

KANSAS FARMER is running advertising of the Democrats, of the National Republican Committee, of the Bull Moosers, and the individual candidates, without prejudice. Certain candidates thought if we had their advertising we should not take the advertising of their opponents. They were told they could use their own judgment about whether their own advertising should appear.

We took the advertising of Governor Stubbs and Judge Thompson; we carried the advertising of Senator Hodges and Mr. Capper.

One of Mr. Hodges's partisans com-

plained because KANSAS FARMER ran the advertising of Mr. Capper, when Mr. Capper refused to sell Mr. Hodges space in his publications to refute the attack Mr. Capper had made upon Mr. Hodges. We have been chided for taking the advertising of Mr. Capper, when Mr. Capper refused to carry the Taft advertising in the Mail and Breeze, although he carried it in the Missouri Ruralist and his Nebraska Farm Journal.

We have tried to treat everyone alike. In doing this we have simply pursued our fixed policy of not giving to any advertiser what we cannot give to every one of them.

We are not running Mr. Capper's business—neither is Mr. Capper running KANSAS FARMER—and so long as the present management is controlling its destinies, KANSAS FARMER will stick to its present policy.

Differences of opinion are what make political parties. Every candidate is entitled to a fair hearing, and KANSAS FARMER believes that no man should be so biased that he will not extend consideration to every man.

This is a fine time to build the concrete walk to the well, the concrete feeding floor and to pave the barn yard.

More farm implements are worn out by sun and rain than by use. Get them under cover and use plenty of grease and paint. Doing this means the difference between buying new implements every 10 years rather than every three years.

## Whenever It Snows or Rains

Just get out your rubber boots and laugh at the danger of wet, cold feet and legs. You'll be glad to own boots that keep out the wet on snowbound days—boots that are lined with high-grade wool, fusion or wool net to keep your feet warm. You'll enjoy shoveling through that drift.



WOONSOCKET  
ELEPHANT HEAD  
RUBBER BOOTS

are the greatest boots made for hard usage. Strongest where the wear comes hardest. They are made of tough rubber, and will stand almost any amount of abuse. Boots as good as the "Elephant Head Brand" are long-lived, economical boots to buy—ask your dealer.

WOONSOCKET RUBBER CO.  
Woonsocket, R. I.  
Makers of high-grade rubber boots and shoes.

## WHY NOT STUDY AT HOME? A CORRESPONDENCE COURSE WILL HELP

IF YOU CANNOT GO TO COLLEGE, THE KANSAS AGRICULTURAL COLLEGE WILL COME TO YOU.

**READING COURSES**—Cost one dollar (non-residents, \$3). Five assignments, including Hog Raising, Dry Land Farming, Orcharding, Potato Growing, Silos and Silage, Poultry, Injurious Insects, Canning and Preserving, Dairying, and twenty others.

**EXTENSION COURSES**—Cost three dollars (non-residents, \$5). Fourteen to twenty assignments, including Stock Feeding, Soils, Cooking, Traction Engines, Shop Mathematics, Plumbing, Gasoline Engines, Drainage, Concrete Construction, Mechanical Drawing, Pattern Making, Automobiles, Carpentry and Building, and twenty-two others.

**CREDIT COURSES**—Cost four dollars (non-residents, \$7.50). Sixteen to twenty assignments, including Farm Crops, Gardening, Animal Breeding, Geology, Rural Sociology, Geometry, English Classics, Ancient History, History of Education, School Law, Vocational Education and eighteen others.

Send for Bulletin describing courses. Address,

H. L. KENT, Secretary Correspondence Courses, Manhattan, Kansas.

### PURE BRED POULTRY

WHITE PLYMOUTH ROCKS



Best All-Purpose Fowls in Existence.

White P. Rocks hold the record for egg laying over all other breeds. 289 eggs each in a year for eight pullets in the record, which has never been approached by any other variety. I have bred W. P. Rocks exclusively for 20 years and have some fine specimens of the breed. I sell eggs at "live and let live" prices, \$2 per 15, \$5 per 45, and I prepay expressage to any express office in the United States.

THOMAS OWEN, Sta. B, Topeka, Kan.

BUFF ORPINGTON HENS AND COCKS, \$1. Harry Cure, Atchison, Kan.

INDIAN RUNNER DUCKS FOR SALE, \$1 and \$2. Geo. Wasson, Anness, Kan.

CHICKENS, TURKEYS, GEES, DUCKS. Emma Ahlstedt, Roxbury, Kan.

PIGEONS—WHITE PLYMOUTH ROCK Homs. Maym Parsons, 219 Huntoon St., Topeka, Kan.

FOR SALE—SINGLE COMB BUFF ORPINGTONS, Indian Runner Ducks, at bargains. P. A. Brehm, Harvard, Neb.

FOR SALE—CHOICE R. C. RHODE Island Red cockerels, \$1 each this fall. Mrs. Minnie Resroad, Darlow, Kan.

BUFF PLYMOUTH ROCKS—EARLY hatched cockerels. Prices reasonable. Mrs. Fred Miller, Wakefield, Kan.

CHOICE ROSE COMB LEGHORN HENS and pullets of best laying strain, 75c each. Mrs. Chas. Dibben, Route 3, Wakefield, Kan.

WHITE WYANDOTTE COCKERELS—From winners at Mo. State show, \$2 to \$3 each. C. A. Galwith, Fulton, Mo.

PURE-BRED S. C. BROWN AND WHITE Leghorn cockerels, \$1 each, \$10 dozen. John Noble, Riley, Kan.

MOTTLED ANCONA COCKERELS—Prices, \$1 and up. W. H. Hardman, Frankfort, Kan.

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SINGLE COMB WHITE AND BUFF ORPINGTONS for sale. Addie Edwards, Kahoka, Mo.

FAWN AND WHITE INDIAN RUNNER ducks, Buff Rocks. Stock for sale. W. A. Hillands, Culver, Kan.

FAWN AND WHITE INDIAN RUNNER Drakes—White egg strain, \$1.50 each, five for \$6. Mrs. Wm. Bumphrey, Corning, Kan.

AMERICAN STANDARD IDNIAN RUNNER drakes, \$1.50 each. Mrs. O. Russell, Canton, Kan.

BARRED PLYMOUTH ROCKS—FIFTY-two premiums. Mrs. D. M. Gillespie, Clay Center, Kan.

### PURE BRED POULTRY

FOR SALE—SELECT TRIOS AND PENS of Barred Plymouth Rocks of quality. Also some nice cockerels. M. L. Meece, Ellsworth, Kan.

PURE-BRED ROSE COMB WHITE Leghorn cockerels from Topka winners, \$1.75 to \$10; higher December 1 Jennie Martin, Frankfort, Kan.

FOR SALE—INDIAN RUNNER DUCKS. Trios, \$4. Fawn and white or English penciled ducks. Fawn and drakes. White eggs strain. Henry Hornig, Elkhart, Ind.

FOR SALE—S. C. R. I. REDS, COCKS, hens, and young stock. Good breeders. Also some high-class exhibition birds. Write for prices. Moore & Moore, 1239 Larimer Ave., Wichita, Kan.

WHITE BARRED BUFF COLUMBIAN Partridge and Silver Penciled Plymouth Rocks are winners in all leading shows. Write your wants to Favorite Poultry Farm, Stafford, Kan.

PURE-BRED SILVER LACED WYANDOTTES, cocks, cockerels, hens and pullets, \$1.00 to \$2.50 each. Any bird may be returned at my expense if not as represented. H. A. Dressler, Lebo, Kan.

PARTRIDGE WYANDOTTES—CHOICE stock for sale. Won 1st, 2d, 3d, 4th Topeka; three firsts, 2nd, 3d at Hutchinson, September, 1912. S. S. Jackson, Baldwin City, Kan.

BUFF WYANDOTTES—BREEDING stock in season. A splendid lot of youngsters coming on. The best bargains to those who buy early. Wheeler & Wylie, Manhattan, Kan.

LIGHT BRAHMAS—SPECIAL PRICES on old and young stock for a few weeks. From \$2.00 up for cockerels and pullets. Many prize winners. Mrs. A. P. Woolverton, Route 4 Topeka, Kansas.

PRACTICE DEMANDS MY TIME—SPECIAL price on equipped poultry plant of 40 kinds poultry, pigeons, pheasants, Colles, registered Jerseys. Write wants. Dr. Pauly's Pheasantry, Kahoka, Mo.

SINGLE COMB BROWN LEGHORN cockerels. Good ones—the best I ever raised in shape, color and size. Show birds, \$5, \$10 and \$15. Breeders, pullet or male, line bred, \$3 and \$5. H. C. Short, Leavenworth, Kan.

LINE BRED SINGLE COMB WHITE Leghorns. Surplus sale of cockerels, to make room, \$1.50 each. Same blood as my show winners. I made clean sweep at Topeka and Hutchinson State Fairs this year, and United Fanciers Show, Omaha, Neb. Fancy and exhibition birds matter of correspondence. R. W. Bradshaw, Ellsworth, Kan.

If you have no turkeys to fatten for your Thanksgiving dinner, it might be well to fatten a few young pullets and cockerels, and these can be cooped up and fattened to good advantage. There is a great difference in the eating qualities of a well-fattened fowl over a lean, scrawny one, and a couple of weeks feeding will turn the latter into the former. Feed corn meal or cheap wheat flour moistened with milk for their main feed. If a little tallow is mixed with it all the better.

# BARGAINS IN LAND

## DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom lands and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. **BRINEY, FAUTZ & DANFORD, Abilene, Kansas.**

### ALFALFA

#### King of all Crops

**183 ACRES, IN WILSON COUNTY, KAN.,** 165 acres of which is high, dry bottom land, most of which was formerly heavily timbered, but is now clear of stumps; no better corn, wheat and alfalfa land in Kansas. This is a solid body of rich land, without a break or a draw. About 35 acres is seeded to wheat and has some alfalfa. Has a fine, large 8-room house, well finished, with plenty of closets, porches, etc. Has a good cave, good barn and the best dry feed lots in the timber that I have ever seen; winter storms cannot touch cattle. Plenty of timber to always supply the needs of the farm; lots of fine water; three acres of bearing orchard. This farm is three miles from a good railroad town. \$65 per acre buys this farm if sold soon; no trade. I can loan half the money. Owner has rheumatism and cannot walk, hence the sacrifice in the price of this farm. This bottom land is worth \$125 per acre in gold dollars. **W. A. NELSON, Real Estate Broker, Fall River, Greenwood County, Kansas.**

### Bermuda Onion Farms

**25 to 100 per cent annual profit** can be made from Texas Bermuda Onion gardens farmed for you under our co-operative plan. One acre and up on easy terms. Yield **300 to 600 bushels per acre.** The ideal investment. For beautiful booklet and particulars address,

**Zavala Onion Farms Co.,**  
Gibbs Bldg., San Antonio, Texas.

**OWNERS OR AGENTS—**Write us for trades of all kinds, everywhere. We can match you. **BUXTON LAND CO., Utica, Ness County, Kan.**

**CHOICE SOUTHEASTERN KANSAS FARMS,** \$30 to \$50. Large list. **M. T. SPONG, Fredonia, Kansas.**

**FIFTY JACKSON CO. FARMS—**The never failing part of Kansas. Well improved, \$75 per a. and up. **Wm. Harrison, Whiting, Kan.**

**BARGAINS** in Ness County land, large and small tracts. Write now for lists and literature. **C. H. Brassfield, Ness City, Kan.**

**CORN, WHEAT AND ALFALFA LANDS** and stock ranches, \$10 to \$15. Also city property. **Winona Land Co., Winona, Kan.**

**FINE RESIDENCE AND BUSINESS.** For sale or trade, \$5,000. If interested, I will send full description. Address, **OWNER, Lock Box 513, Hutchinson, Kan.**

**FARM BARGAIN.** 235 acres, 4 miles from Garnett, Kan., 85 miles to K. C. A snap at \$36 per acre. Must go in next 30 days. **SEWELL LAND CO., Garnett, Kan.**

**240 ACRES, 4 miles from Coffeyville, 50** acres in alfalfa, creek runs through, all fenced hog tight, well improved, \$62.50 per acre. **ELLIS & MORGAN, Coffeyville, Kansas.**

**BUY FROM OWNER.** We have a list of farmers who wish to sell. Will introduce you, and you buy direct from them. If interested, write **H. M. Burtis & Co., Humboldt, Allen County, Kansas.**

**BARGAINS.**  
160 acres.....\$25 per acre  
180 acres.....\$20 per acre  
80 acres.....\$30 per acre  
**J. D. RENEAU,**  
La Cygne, Kansas.

Get an Oklahoma Farm on Payments. Oklahoma farm lands to actual settlers, with or without cash payment down, balance in yearly payments. Over 100 farms to select from. **Joseph F. Loche, Wynnewood, Okla.**

**FOR SALE—590 acres** adjoining the city of Chanute, Kansas. Fine improvements, all rich bottom land, 70 acres alfalfa, all good alfalfa land. The entire farm is leveled. \$60 per acre. Write or call. **J. P. Brinegar Realty Co., Chanute, Kan.**

**WHEAT FARM FOR SALE.** 240 a. wheat farm, well improved, 120 a. in cultivation, good orchard, all fenced. Easy terms; priced right. **FOWLER & DRAGOO, Lucas, Kan.**

**500 ACRES,** located 6 miles of good R. R. town; all tillable; barn 52x60; 7-room house; other outbuildings; 175 acres fine grass land; remainder in corn land. Price, \$55 per acre. Terms to suit. **MANSFIELD LAND CO., Ottawa, Kan.**

**COME QUICK** and look this one over: 160 acres, well located, good soil, 130 under cultivation, well and mill, fenced. Price, only \$14 per acre. Terms to suit. Other bargains. List on request. **MARRS & DAX, Meade, Kan.**

**WANTED—**Buyers of cheap Ness and Trego County farms and ranches. Also, want merchandise, residences and eastern land to trade for western land or automobiles. LIST your properties with me to sell or trade. **WALTER A. DOERSCHLAG, Ransom, Kan.**

**HOW WOULD YOU LIKE** to get a farm in the best county in the best farming state in the Union? A new railroad has just been opened up to traffic. 28,000 acres of our land, \$5 per acre down, the rest in easy payments. Low rate of interest. You will never get another chance like this. Drop a card to **B. F. MORGAN, Clay Center, Kan.**

**320-ACRE STOCK FARM** Alfalfa, corn, hogs and money. Price and terms right. **Owner, E. W. VOORHIS, Russell, Kan.**

**80 ACRES, 2 1/2 miles** of R. R. town; 7-room house, barn; other outbuildings; all tillable; two wells. Price, \$55 per acre. **MANSFIELD, Ottawa, Kan.**

**158 ACRES—2 1/2 miles** Thayer; timber, grass, water and a money making coal mine. \$8,000; mtg., \$2,500. Want mdse. or good hotel. 60 acres tillable. **WM. ROBBINS, Thayer, Kan.**

**80 ACRES, 4 miles** from Muskogee, 30,000 sq. ft., rapidly growing toward farm. Oklahoma. For description, price and terms, address owner, **A. H. HARSHAW, Junction City, Kan.**

**READ THIS.** I have improved farms in Anderson Co., Kansas, for sale at the owners' prices, from \$35 to \$65 per acre. Cash deals a specialty. Address **W. L. MORRIS, Owner's Agency, Garnett, Kan.**

**OUR RED LETTER SPECIAL.** Will trade your property. Get into touch with live wires. Guaranteed deal. List today. Write for particulars. **MID-WEST REALTY EXCHANGE, Riverton, Nebr.**

**FARMS AND RANCHES** for sale, and some exchanged at prices that show a good investment for home or speculation. I deal on commission only. Owners' prices. Our prices are lower than other localities, quality of land considered. **CHAS. E. COLE, Hartford, Kan.**

**THERE IS NO HURRY; TAKE YOUR** time, as the Independent Benevolent and Educational Association has always on hand bargains in real estate. Inquire about the **DIVIDED RISK** plan in real estate. **I. B. E. A., Box 247, Holsington, Kan.**

**SQUARE 640 ACRES VIRGIN SOIL—**Covered with bluestem grass, finest living water, half tillable, wheat or corn land, fenced, 10 miles Natoma. Price, \$20 a. Terms, very easy. **J. F. BAUM, Natoma, Kan.**

**FINE FARM** of 160 acres, 1 mile from Otis, all level, hard land, best of soil, 4-room house, barn, well and mill, fenced, 60 acres broken, \$25 per acre. I have a few other snaps. **FRANK VANDERHOOF, Otis, Washington Co., Colo.**

**3,000-ACRE TRACT** Just subdivided, 2 miles to good town. All good black hogwallow land, no waste. Will raise 1/2 to 3/4 bale cotton to acre. Small payment down, balance to suit. 160-acre tracts. Price, \$25 to \$40. Further particulars write **J. J. Fischer, Cuero, DeWitt Co., Texas.**

**BARGAIN—Improved Logan Co., Kan.** 160 alfalfa, stock and grain farm, 5 miles railroad station. Price, \$2,500; \$1,000 cash, balance time. Also 10 acres Florida Everglades, \$300, payable \$10 per month. **H. M. DAVIS, Ft. Lauderdale, Fla.**

**160 ACRES, 3 miles** Harris, Kansas; 110 acres cultivation, balance pasture; buildings poor. Price, \$12,000; mortgage, \$3,000. Wants merchandise. **80 acres Colorado, 3 miles town.** All can be irrigated. No improvements. Price, \$6,000. Wants hardware. **SPOHN BROS., Garnett, Kansas.**

**160-Acre Imp.** Near Springdale; most of land equal to ANY in north, bar none; 25 acres fine orchard; good timber, spring water. Worth \$100, but \$60 an acre takes it. No trades. Free lists. **FREDERICKS** Springdale, Washington County, Arkansas.

**FARM BARGAIN.** 240 acres, mostly upland, 120 acres in cultivation, a part of which is low alfalfa land, 80 acres in pasture, 40 acres good prairie meadow, 6-room house, barn, chicken house, granary, good family orchard, 2 wells and windmill, 1 mile to school, 6 miles from Salina, good road to town, nice dairy proposition. Price, \$11,000. No trade. Write for free list. **V. E. NIQUETTE, Salina, Kan.**

**\$ DOLLARS SAVED \$** If you purchase land of Joslin, "The Land Man," Hugoton, Kansas. 160 acres smooth level buffalo land, \$8 per acre, one-half cash, balance five years at 6 per cent.

**Eastern Kansas Farm Bargain** Forty acres, 1 1/2 miles from railroad town; 30 acres in cultivation, 3 acres orchard, balance pasture; farm all smooth; 4-room house in good condition, barn 30x36 with loft, corn crib, hen house and sheds; good water; close to graded school. R. F. D. and phone. Price, \$2,600, for quick sale. **J. C. RAPP & CO., Osage City, Kansas.**

**LOOK AT THIS** Strictly modern, 10-room residence, hot water heat, acetylene, bath, toilet, furnace, near high school, cement walks, fruit trees, shrubbery. Also, 40 acres alfalfa adjoining, hog-tight, mill, well, farrowing pens. For cut and description, write **JOHN TAGGART, White City, Kan.**

**FOR SALE—Blacksmith shop** and tools, 1 lot, dwelling house, 3 rooms, and two lots, 50x135 ft., for \$1,100. In a real live town, 56 miles from Denver. No competition. Besides this, I have some of the best land bargains in Eastern Colorado. Homestead relinquishments from \$300 to \$1,000 for 300 acres, and deeded land from \$7.50 to \$20 an acre. We raised from 20 to 30 bushels of wheat to the acre here this year, and corn 30 to 40 bushels. **HARRY MAHER, Deer Trail, Colo.**

**EASY** To Make Money on Choice Lots in PLAINS, KANSAS. I've got them at \$17.50 to \$50. **PAYMENTS** JOHN W. BAUGHMAN, Plains, Kansas. Drawer "B."

## YOUR OPPORTUNITY is NOW in the Province of SASKATCHEWAN Western Canada

Do you desire to get a Free Homestead of 160 Acres of that well known Wheat Land? The area is becoming more limited but no less valuable. New Districts have recently been opened up for settlement, and into these railroads are now being built. The day will soon come when there will be no Free Homesteading land left. A Swift Current, Saskatchewan farmer writes: "I came here on my homestead March, 1906, with about \$100 worth of horse and machinery, and just \$35 in cash. Today I have 900 acres of wheat, 300 acres of oats, and 50 acres of flax." Not bad for six years, but only an instance of what may be done in Western Canada, in Manitoba, Saskatchewan or Alberta. Send at once for Literature, Maps, Railway Rates, etc., to **CANADIAN GOVT. AGENT** 125 West 9th St., Kansas City, Mo. For Address, Superintendent of Immigration Ottawa, Ont., Canada

**EASTERN KANSAS BARGAINS.** Improved stock and grain farms, \$30 to \$65 per acre. Write for list, free. **J. E. CALVERT, Garnett, Kan.**

**FOR SALE OR TRADE.** 720 a., 1/2 bottom, all in high state of cultivation, most all in timothy, clover and alfalfa, large dwelling and barn, all new, well painted, well fenced, no better stock farm in Kansas, 16 mi. Topeka, 3 mi. R. R. Price is right. **BLACK-HOOK & CO., 104 W. 3rd, Topeka.**

**BEST TOWN TO LIVE IN.** If you would like to live in the most beautiful city in the West, with unsurpassed educational, business and religious advantages, in a city clean, progressive, where real estate values are low but steadily advancing, where living expenses are reasonable, a city with natural gas at lowest price, address the **SECRETARY of the COMMERCIAL CLUB, Topeka, Kansas.**

**FOR EXCHANGE** with us—Exchange book free. **Bersie Agency, El Dorado, Kan.**

**1,000—FARMS—1,000** Everywhere for Exchange. Get our fair plan of making trades all over the United States. **Graham Bros., Eldorado, Kan.**

**WE TRADE OR SELL ANYTHING ANY-**where. The Realty Exchange Co., 18-22 Randall Bldg., Newton, Kan.

**For TRADE** 160 acres, well located, Scott County, Kan. Fine, smooth land. Price, \$12.50 per acre. Very cheap. **YOUNG & WERHAHN LAND CO., Great Bend, Kan.**

**TO TRADE FOR MERCHANDISE.** 160 acres, 5 miles of Parsons; 125 a. in cult.; good 6-room house. Price, \$75 per a.; inc., \$3,000. Can match any kind of a merchandise deal. Ask for our new list. **Owners' Sale & Exchange Co., Independence, Kan.**

**EXCHANGE** that mortgage for my equity in 80 a., with 6-room house, barn, well, chicken house, 50 a. cul., 75 can be, some alfalfa, all fenced. Mortgage \$3,500, at 6 per cent; equity, \$3,000. School 1 1/2 miles, town 3 1/2 miles, in Saline County. **ED A. DAVIS, Minneapolis, Minn.**

When writing advertisers, please mention Kansas Farmer.

**SPECIAL BARGAINS—**In Eastern Kansas: 160, improved, \$50 per a.; 80 improved, \$3,000, \$500 cash, terms; 80 improved, to trade for larger farm. **RICHMOND LAND & LOAN CO., Richmond, Kan.**

**FOR SALE OR TRADE—**1 Rumley Oil Pull, 30 h. p. tractor, run 40 days, Rumley ideal 32x52 separator, complete; 1 sawmill, all in No. 1 condition. We have other business. **SCHIEFF BROS., R. F. D. No. 3, Manhattan, Kan.**

**FOR SALE OR TRADE.** 240 acres in Wilson County, Kansas, 7 miles from the county seat; 60 acres in cultivation, 60 acres prairie meadow, balance pasture. 320 acres, 2 miles from town; small house and barn; 140 acres in cultivation and balance pasture. Would trade either one or both for a good stock of merchandise. **Long Bros., Fredonia, Kan.**

**320 ACRES, TREGO COUNTY, KAN.** Fourteen miles south of Collyer; about 100 acres rough land, balance good wheat land. Price, \$20 per acre. Will exchange for good income city property. 160 acres, Finney County, 2 1/2 miles from McCue. Good wheat land. Price, \$30 per acre. Will exchange for good income city property. I have some highly improved farms in Crawford County for sale. I have a customer who wants a good and well equipped stock ranch. What have you to offer? **W. P. DORMAN, Girard, Kan.**

**TWO GOOD BARGAINS.** 150 acres, all under cultivation every foot level land, lies 7 miles from market, in good neighborhood. Must be sold quick. \$4,200 will buy it.

800 acres, improved, 30 acres in alfalfa, house, barn, granary, all fenced, running water. A snap at \$20 an acre. Terms. Write **JAMES H. LITTLE, The Rush County Land Man, La Crosse, Kan.**

## LOUISIANA

**OKLAHOMA AND ARKANSAS FARMS.** In 40 acre tracts and up, easy terms. Write for literature on state desired. We are owners, not agents. We have 15,000 acres in Okla.; 10,000 acres in Ark., and 4,000 acres of rich Red river bottom land in La. Tenants wanted in La. Agents wanted. Address **ALLEN & HART, 308 Commercial Bldg., Kansas City, Mo.**

## POULTRY

Now that cold weather is approaching, the chickens should all be removed from their small coops and taken to their permanent winter quarters.

If you expect your hens to lay during the winter, their house must be warm and free from drafts, otherwise they won't lay, no matter how much feed you give them.

We have advised taking the ashes from the stoves and placing them in the poultry houses, so the hens can have the charcoal to eat and the ashes to dust themselves; but you must be careful that there are no live coals among the ashes, or there may be danger of a fire.

The droppings should be removed from the poultry houses every few days, otherwise the gases arising from them are apt to make the atmosphere unhealthy, and disease among the flock is likely to occur.

Thanksgiving is not so far away but that we may consider the desirability of fattening up the turkeys a bit. If your turkeys have free range, it would be well to feed them all the corn they will possibly eat when they come home at night. It is questionable whether it is policy to pen them up for fattening, for turkeys pine for freedom when cooped up, and are liable to lose more flesh than they will gain. So let them have all the feed they will eat while they are around the place, in addition to what they get while foraging in the fields.

In answer to a correspondent as to whether it is better to buy pure-bred fowls now or to wait till spring, will say: Undoubtedly you can buy fowls cheaper now than you can when the busy season comes in the spring, but you must take the risk of keeping them through the winter in consideration. In purchasing now you have not only the advantage of cheaper prices, but also of having the fowls all ready for business early in the spring, when eggs are wanted for hatching purposes. But we would not advise anybody to buy fowls simply because they are cheap, unless you are sure that they are of good stock and are what you want. Cheap fowls, in price and in quality, have been the cause of many a would-be poultryman's failure and abandonment of the business before he had given it a reasonably fair trial. It is very bad policy for the beginner to try to buy where he can get the cheapest fowls, regardless of quality, for if this is done he will most surely be disappointed in the end. He should always use the utmost pains to get hold of extra choice specimens, if it is possible to obtain them, and when he has satisfied himself that he has found such stock for sale he should buy while he has the chance, for purchasers nowadays are numerous, and the breeder will soon sell them if not taken at once. Don't be afraid of high prices, for the best stock can never be purchased at very low figures, and as like generally produces like, the high-priced stock will soon pay for themselves by producing the same quality in the offspring raised.

**Frank Buzard's Big Holstein Sale.** Attention is called to the sale advertisement of Frank Buzard, of St. Joseph, Mo., in this issue of Kansas Farmer. This will be the biggest offering of dairy cows and heifers in the west this season. The offering will consist of 75 head of high-grade Holstein heifers, all bred to a son of a 17-pound cow; 12 registered Holstein cows, and 12 high-class registered Holstein bulls from 12 to 20 months old. Also, 65 head of high-grade Holstein and high-grade Jersey cows, all bred to a full brother of Colantha 5th Johana, second prize yearling at the National Dairy Show, Chicago. Every animal in this herd is tuberculin tested. The cows and heifers in this sale are a remarkably fine lot, carrying the best blood of the Holstein breed. They are all daughters of sires from families that have made great milk and butter records. They are bred to bulls that are right, not only as breeders, but as individuals. In this offering, dairymen will find a strictly high-class lot of dairy cows. They will be in first-class condition and it will be an opportunity to buy first-class dairy cows that will make good. To reach dairy farm near St. Joseph, take Frederick Avenue street car at Union Depot, go to end of line and the farm is three-fourths mile from end of line. Look up advertisement in this issue, and send for catalog and arrange to attend this big sale. Please mention Kansas Farmer when writing for catalog.

# Classified Advertising

Advertising "bargain counter." Thousands of people have surplus items or stock for sale—limited in amount or numbers hardly enough to justify extensive display advertising. Thousands of other people want to buy these same things. These intending buyers read the classified "ads"—looking for bargains. Your advertisement here reaches over 300,000 readers for 4 cents a word for one week; 3 cents a word for two weeks; 12 cents a word for three weeks; 14 cents a word for four weeks. Additional weeks after four weeks, the rate is 3 1/2 cents a word per week. No "ad" taken for less than 50 cents. All "ads" set in uniform style, no display. Initials and numbers count as words. Address counted. Terms, always cash with order.

**SITUATIONS WANTED** ads, up to 25 words, including address, will be inserted free of charge for two weeks, for bona fide seekers of employment on farms.

## HELP WANTED.

**WANTED—MEN IN EVERY TOWN IN Mo., Kan., Ill., Neb., Okla., Ark.,** to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kan.

**WANTED—RAILWAY MAIL, CUSTOMS, Internal Revenue and Postal Clerks.** Examinations soon. Prepare now. Trial Lesson Free. Write Ozment, 44-R, St. Louis.

**\$50.00 TO \$100.00 A MONTH FOR YOUR spare time.** Experience not needed. Want active man each locality. Introduce us to friends. Cash benefits when sick, injured, and at death. Write quick for Cash-Bonus offer. The I-L-U 721, Covington, Ky.

**FREE ILLUSTRATED BOOK TELLS** about over 300,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A-809. No obligation. Earl Hopkins, Washington, D. C.

**MEN AND WOMEN WANTED—FOR** government positions. \$90.00 month. Annual vacations. Short hours. No 'layoffs'. Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. G-88, Rochester, N. Y.

**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. K. F. Hitchcock Hill Co., Chicago.

## SITUATION WANTED.

**SITUATION WANTED—PERMANENT** position on stock or dairy farm by young couple, no children, thoroughly experienced. Also handy with machinery. Reference furnished. Address Box 193, Lawton, Okla.

## CATTLE.

**FOR SALE—THIRTY HEAD OF CHOICE** fawn colored Jersey cows, 3 to 7 years old, fresh and fresh soon. O. N. Himelburger, 307 Polk St., Topeka, Kan.

**FOR SALE—EIGHT JERSEY BULL** calves, some from high-producing dams, ready to use. Chester Thomas, Waterville, Kan.

When writing advertisers, please mention Kansas Farmer.

**SEVEN COMING 2-YEAR-OLD HIGH-** grade Holstein heifers, bred to registered bull. Might sell a few cows. W. B. Van Horn, Overbrook, Kan.

**SHORTHORN CATTLE—13 HEAD FINE** registered stock consisting of 4 cows, 4 calves, 4 yearlings, one 2-year-old, for sale at reasonable prices. W. E. Dustin, Route 1, Topeka, Kan.

**FOR SALE—TWENTY-FIVE No. 1 DAIRY** cows, Jerseys, Holsteins and Guernseys; 3 1/2 to 6-gallon cows, 3 to 7 years old. Price, \$50 to \$80, or a special price for the herd. O. N. Himelburger, 307 Polk St., Topeka, Kan.

**CHENANGO VALLEY GRADE HOL-** steins.—150 head of choice high-grade cows and heifers coming fresh within the next two months. 75 head of fine high-grade yearling heifers, tuberculin tested. Prices reasonable. F. J. Howard, Bouckville, N. Y.

## HORSES AND MULES.

**SHETLAND PONIES—WRITE FOR** prices. Charles Clemmons, Coffeyville, Kan.

**FOR SALE—PERCHERONS, BOTH** sexes. Would trade for Holstein heifers. Ira Boyd, Virginia, Neb.

**FOR SALE—6 IMP. REGISTERED AND** grade stallions, Percherons, Shires and Belgians; 3 jacks; imp. and grade mares, and some mules. Will trade stallions or jacks for cattle within 50 miles of Topeka. Kidd Bros., Route 7, Topeka, Kan.

## HOGS.

**VALLEY FARM BIG BONED POLANDS.** A few spring boars and gilts, sired by Master Hadley 2d, Expansive Wonder and Joe Bowers, for sale. E. M. Wayde, Burlington, Kan.

## HONEY.

**HONEY—GUARANTEED PURE, EX-** tracted (strained) honey, gathered by our own bees, finest quality, put up in cans holding 50 pounds each, two cans to a case, only \$9 a case f. o. b. Myers, Mont. Address The Rocky Mountain Bee Co., For-syth, Mont.

## DOGS.

**WANTED—ONE MALE AND THREE** female, full blood rat terrier dogs. State price. Mollie A. Miller, 101 Ranch, Bliss, Okla.

**COLLIE DOGS, PUPPIES, SABLE—** Choice, \$5. Bred female, \$15. Guaranteed. F. H. Barrington, Sedan, Kan.

**HOUSES WILL TRAIL AND RUN UN-** til haled or killed. Fox, Wolf, Coon, etc. pedigree. Sent on 10 days' trial. R. F. Johnson, Assumption, Ill.

**RUSSIAN WOLF HOUNDS. FOR SALE—** Russian Wolf Hound pups, four months old. Parent stock best of wolf killers. These pups fine individuals. Males, \$15; females, \$10. Smoky Hill Rancho, Wallace, Kan.

## REAL ESTATE.

**EXCHANGES—1,000, ALL KINDS,** everywhere. What have you? Overlin & Co., California, Mo.

**FOR SALE OR TRADE—320-ACRE IMP-** roved wheat belt farm, north of Dodge City. F. P. Cone, Chanute, Kan.

**SELL YOUR PROPERTY QUICKLY FOR** cash, no matter where located. Particulars free. Real Estate Salesman Co., Dep. 77, Lincoln, Neb.

**FOR SALE—IMPROVED FARM, CLOSE** to this city. Easy terms. J. H. King, Cawker City, Kan.

**CAREY ACT AND DEEDED IRRIGATED** lands, \$40 an acre. Eight-year payments. Big crops, unlimited water. Fares refunded purchasers. Wyoming Development Co., Wheatland, Wyo.

**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, 43 Palace Bldg., Minneapolis, Minn.

**160 A., 4 MI. CITY, 100 SMOOTH FARM** land, bal. grass, small bldgs., well and mill, 1 mi. to market. Price, \$5,600; \$560 cash, bal. like rent. I. R. Eldred, Phillipsburg, Kan.

## MISCELLANEOUS.

**WHITE AND BROWN FERRETS FOR** sale. Price list free. Bert Ewell, Wellington, Ohio.

**GOING TO BUILD? WE CAN SAVE YOU** money on your lumber bill. Prices and particulars free. Send address on postal. Keystone Lumber Co., Tacoma, Wash.

**LEARN THE BARBER TRADE. MOD-** ern methods, position secured, commission paid while learning, tools given free with each course. Low tuition. Call or write Topeka Barber College, 332-B Kansas Ave., Topeka, Kan.

**BARGAIN—WILL SELL MOVING PICTURE** theater at Horton, Kan., cheap. Fine business and excellent future. Am leaving this part of the country. Address C. Clarke, 334 Kansas Ave., Topeka, Kan. Cash proposition.

## THE STRAY LIST

**CARSON LANE, COUNTY CLERK,** Miami County.—Taken up, by C. L. Williams, of Ten Mile Township, on October 12, 1912, a red heifer calf, 5 months old, with white under belly and white hind feet. Value, \$12.50.

**R. C. ARDREY, COUNTY CLERK, STAF-** ford County.—Taken up, by T. J. Wilson, St. John, Kan., on the 15th day of October, 1912, one hog, weight 125 pounds, black, four white feet and tip of tail white. Appraised value, \$10.

## "JUST TOBACCO" BY MAIL

We will send you one pound of "Early Times" smoking tobacco **FOR 50 CENTS POSTPAID.** Pure one-sucker tobacco grown in Kentucky Green River District. Get the natural bouquet and aroma without dope or flavor. **RYAN-HAMPTON TOBACCO CO., INC.** Louisville, Ky.

**Saves Corn—Makes Fat**

Your stock will get more good out of half as much corn if fed ear corn, sliced with the **Dean Ear Corn Slicer**

Stock like and thrive on sliced ear corn. It provides the necessary coarse food. All eaten, no waste. 1, 2, 4 hole sizes, 1/2 to 2 in. slices. See the DEAN at your dealer's. If he doesn't handle, write for particulars. Satisfaction guaranteed or money back. Enterprise Windmill Co., Dept. 9 Sandwich, Ill.

## To Sell Your Farm.

Among the more than 60,000 farm homes into which this paper goes every week there may be a man or woman looking to buy just what you have to sell.

Did you ever notice that every one who wanted to sell his farm, sooner or later found a buyer? When the offer of a farm becomes known more and more, the chances for a quick sale at the desired price get better and better.

You can't make your offer known to possible buyers any more cheaply than through an advertisement in this paper. The cost is small and the value big. Write for special low land advertising price. Address simply Kansas Farmer, Topeka, Kan.

We will send KANSAS FARMER on trial 10 weeks for 10 cents. Could you do five of your friends a greater favor than to introduce them to KANSAS FARMER by sending it to him for 10 weeks? To anyone sending us five trial subscriptions we will send, free, one of our three-page wall charts, containing a large map of Kansas, the United States, World, Insular possessions, a fine new map of the Panama Canal, and hundreds of statistical facts of interest, last census of cities, towns, countries, etc. Send us your club today.

KANSAS FARMER,  
Topeka, Kan.

# The GRANGE

## DIRECTORY OF THE KANSAS STATE GRANGE OFFICERS.

Master.....George Black, Olathe  
Overseer.....Albert Radcliff, Topeka  
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Get into partnership with your wife and then use pluck for a motor, and nothing is beyond you.

There is one thing that every man can do, and that is his duty. He will then have a good steady job.

Thirty-one states now have State Grange organizations, and others have subordinate bodies not yet organized. The order is growing everywhere, and up in Canada it has already made itself felt as a power for good.

Co-operation means united effort—all working together. It is one of the greatest forces of modern civilization. All the great business enterprises of the country are the result of co-operation. If you co-operate you can get almost anything you want, whether it be an act of congress or an oiled road. The Grange is the best illustration of co-operative effort, and, although it has had a somewhat lengthy history, it is only recently that its real worth seems to have come into general appreciation.

Pleasant Ridge Grange in Shawnee County has helped to solve one of the vexed problems of the day. On the "Ridge" stood a beautiful old church building which was in use only occasionally. The Grange leased this building, made some needed repairs, and now has a very satisfactory meeting place, while the church is not put to the least inconvenience. This is not only bringing the Grange work into close relations with the church, where it belongs, but is an actual means of saving the country church which could be adopted all over the country.

## Spokane's Hospitality.

Many of the arrangements for the Spokane gathering will be made by the Chamber of Commerce of that city, which is intent upon doing everything possible to give the Patrons a royal good time.

Among the things which the Chamber of Commerce proposes to do for the Grange members some have thus been officially specified:

Will tender a great banquet to all the delegates, at the sumptuous Davenport restaurant, one of the finest in the United States, with speaking and other entertainment features.

Provide a trip for all the delegates through the Spokane Valley, as far as the Hayden Lakes in Idaho.

Provide a trip through the Palouse country as far as Rosalia, and as much beyond as the time available will permit.

The governors of Washington, Oregon, Idaho and Montana are booked to address the session, also the mayor of Spokane and officials of the Chamber of Commerce. A reception will be given by the latter organization in honor of the National Grange delegates, to which the entire Chamber of Commerce membership of 1,100 will be invited.

The spirit of the welcome which the Inland Empire proposes to extend to the coming Patrons is well expressed in this letter written to State Master C. B. Kegley of the Washington State Grange by the secretary of the Spokane Chamber of Commerce. He writes:

"The entire west extends to your people a cordial invitation to come here and partake of western hospitality. The entire west will co-operate with you to the end that the convention in Spokane be the most successful and the most largely attended of any convention in the history of the National Grange. Whenever you have an opportunity of doing so, please convey these expressions of co-operation and good will to the masters of the State Granges and to all others who are interested in making the Spokane convention the greatest and most successful the National Grange has ever held. To enable the officials of the Grange to excel all previous efforts, not only in regard to the usefulness and value of the convention, the Spokane Chamber of Commerce is with you to the fullest extent. A cordial personal welcome awaits each of your delegates."

## Get This Labor Saver on

# 30 DAYS' TRIAL

Here's a wonderful labor-saving device for men with hoisting to do; also a mighty liberal plan for trying it out. Thousands of farmers have tried this plan. Today they are saving time, money and muscle in 40 different ways.

## Jumbo Safety Hoist and Wire Stretcher

The Hall Hoist works like a block and tackle. But, unlike the common kind, the Hall Hoist holds the load in mid-air at any desired height. This is done by a patented self-locking device that clamps on to the pull rope the moment you slack up on it. The heavier the load the tighter the grip, yet released by a mere turn of the wrist.

**40 Stunts Simplified**  
The Hall Hoist hauls up ice, picks up gas engines, stretches wire fence, lifts wagon bodies and holds 'em any height while gears are being shifted or repairs made. One man can swing up a 300-lb. hog. You don't have to hang on to the rope nor make any hitches. Hoist load—let up on pull rope and—gee, how that lock takes hold! Release it—down comes load easy.

**Durable—Simple**  
Made out of best steel, the Hall Hoist will last a lifetime. The patented self-locking device treats all ropes alike, whether they're old, new, wet or frizzled, and is guaranteed not to wear rope any more than any block and tackle. If not sold by your hardware dealer, don't wait a day before writing for our great 30-day Trial Offer. Send your name and your dealer's NOW. Back will come catalog and the simple details of our big offer. Write tonight.

**HALL MFG. CO.**  
205 Main St., Monticello, Ia.

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# SAVE-THE-HORSE

(Trade Mark Registered)  
**SPAVIN REMEDY**



A retail druggist in a "live horse town" within 30 minutes ride from New York City, writes: "I am selling three times more Save-the-Horse than any other one Veterinary remedy; when they want the GOODS that cures they come back for Save-the-Horse."

Whether on Spavin, Ringbone (except Low), Curb, Thoroughpin, Splint, Shoe Boli, Windpuff, Injured Tendons or other disease, a perfect and permanent cure is guaranteed, no scar or loss of hair. Horse works as usual. 16 YEARS A SUCCESS.

**WE Originated the Plan of Treating Horses—** Under Signed Contract to Return Money if Remedy Fails. But write, describing your case, and we will send our BOOK—sample contract, letters from breeders and business men the world over, on every kind of case, and advice—all free (to horse owners and managers).

**TROY CHEMICAL CO. 65 Commerce St., Binghamton, N. Y.** Druggists everywhere sell Save-the-Horse WITH CONTRACT or sent by us Express Prepaid.

# Newvermifuge

The Best and Most Effective Remedy for Bots and Other Worms in Horses.

(Guaranteed by the Farmers' Horse Remedy Co., under the Pure Food and Drugs Act, June 30, 1906, Serial No. 31571.) It is guaranteed to kill and bring from the body dead in from 18 to 24 hours all pin worms and bots.

It is absolutely harmless and can be given to mares in foal before the eighth month. Practical horse owners have written us Newvermifuge has removed between 500 and 800 bots and worms in a single horse. An animal whose stomach is full of worms cannot get fat or help being obstinate. Send your order today. Beware of imitations. 6 capsules \$1.25; 12 capsules \$2.00. Postage prepaid.

**FARMER'S HORSE REMEDY CO.,** Dept. B. 8, 592-7th St., Milwaukee, Wis.

**Auto light trouble ended**

Here's the end of lamp lighting trouble—no more wading to the front of your car in the mud—no more driving in the dark because you found no matches in your clothes. Get the **ACME AUTO LITER**—a simple attachment—then by just turning a disc, you can turn on the gas and light your lamps from the seat. Guaranteed to do the work or money refunded. Send for booklet. Acme Auto Liter Co., Dept. U., Bloomfield, Ind.

**HORSES AND MULES**

**AL. E. SMITH STOCK FARM.**

Black Mammoth Jacks and Jennets, Percheron Horses. You will find what you want in large bones, registered, 15 to 18 hands standard. Special prices on fall sales. Both phones. AL. E. SMITH, Lawrence, Kan.

**HOLSTEIN CATTLE**

**SUNFLOWER HERD HOLSTEIN-FRIESIANS.**

Choice stock, both sexes, always on hand. The best sire in the middle west heads this herd. Visitors and inspection solicited. F. J. SEARLE, Oskaloosa, Kan.

**M. E. MOORE & CO.**

Cameron, Missouri. A special bargain in registered young bulls, sired by our herd bull, and tuberculin tested. Could spare a few very high-class cows.

**YOUNG HOLSTEIN BULLS**

Sired by Petertje Hengerveld Nannette and out of heavy producing dams, for sale. From young calves to yearlings. Won first at Topeka, Hutchinson and Oklahoma State fairs on young herd, 1911. Herd bull was junior champion.

W. C. JONES & SONS, Topeka, Kan.

**FOR SALE**—Thirty-seven head registered Holstein heifers and bulls from tested dams. Prices right. Come and see them. M. P. KNUDSON, Concordia, Kan.

**BULL CALVES** always on hand, and worth the price. H. B. COWLES, Topeka, Kansas.

Pure-Bred Registered **HOLSTEIN CATTLE**. The Greatest Dairy Breed. Send for **FREE Illustrated Booklets**. Holstein-Friesian Association, Box 114, Brattleboro, Vt.

**FOR SALE**—Sons of Deutschland Cornucopia Sir Detry who has a 32-pound sister and a long line of A. R. O. relatives. Dams sired by Prince Ormsby Mercedes DeKol and other good bulls. J. P. MAST, Scranton, Kan.

**CORYDALE FARM HERD.**

Holsteins: 50 head in herd, 2 registered yearling and 2-year-old heifers for sale. L. F. COREY, Belleville, Kan.

**HOLSTEINS FOR SALE**—I am now offering a choice lot of high grade heifers, mostly 2-year-olds and coming 2-year-olds, all bred to registered bulls, many of them springing bags to freshen now. This is strictly a first class bunch, beautifully marked, with lots of quality, the best I have ever owned. Also, bulls from 3 to 14 months old, both high grade and registered. Some of these bulls are very highly bred. Can also furnish a few milkers if desired. Nearly 100 head to select from. Will sell any number. IRA ROMIG, Station B, Topeka, Kan.

**JERSEY CATTLE**

**JERSEY CHAMPIONS.**

Young Jersey cattle, of both sexes, for sale from our champion herd at Iowa State Fair, 1912. Prices right for quality, and quality right for everybody.

SMITH & ROBERTS, Beatrice, Neb.

**FOR SALE**—A 3-weeks-old Jersey bull calf, sired by Omeris Eminent, and out of our best Golden Lad bred sow. Sold his full brother to J. A. McCoy, of Newton, last year for \$50. Same money will buy this one. Write quick if you want him. JOHN-SON & NORDSTROM, Clay Center, Kan.

**REGISTER OF MERIT JERSEYS.**

The only herd in Kansas that makes and keeps official records. **FOR SALE**—Two extra choice yearling bulls sired by Imp. Oakland Sultan. They are out of tested 500-pound cows. Also 25 choice heifers and a few tested cows. Inspection invited. R. J. LINSOTT, Holton, Kansas.

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**REGISTERED JERSEY BULL.**

BLUE BELL'S BOY No. 75800, half-brother to Noble of Oaklands; 5 years old; gentle. Price reasonable. J. S. TAYLOR, Iola, Kan.

**JERSEY BULLS.**

Young grandsons of Golden Fern's Lad P., 2160 H. C., grandson of show cow, Boom Nigretta 116131. Sons of the Owl's Champion 85990, and richly bred Tormentors. WM. H. BRUNS & SONS, Concordia, Mo.

**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.

**JERSEY BULLS.**

For Sale—An extra good tried sire of Tormentor breeding. Cannot use any longer. Also, a 2-months-old calf of St. Lambert breeding. O. E. NICHOLS, Abilene, Kan.

**REGISTERED** cows, heifers and bull calves sired by Imp. Stockwell's Black Prince, Golden Crown's Fox, Golden Peter, Fox of Baltimore, Ada's Beau, Golddust Marigold and Forfarshire's Masterpiece. One extra good yearling bull. S. S. SMITH, Clay Center, Kan.

**WINELAND FARM JERSEYS.**

One of the strongest official record herds in the west. For sale, 10 choice young bulls, sired by Imp. "Duke's Raleigh," and other good bulls. Out of cows now undergoing or having authenticated tests. Also, 25 females of different ages. H. C. YOUNG, Lincoln, Nebraska.

**SHORTHORN CATTLE**

**PEARL SHORTHORN HERD.**

One of the oldest and strongest herds in the west. Scotch and Scotch-topped. Reds and roans. Good individuals and tracing to noted ancestors. Choice young bulls, and heifers and cows, both bred and open, for sale. Can ship over Rock Island, Santa Fe or Missouri Pacific. Inspection invited. C. W. TAYLOR, Abilene, Kan.

**C. S. NEVIUS' HERDS**

Shorthorns and large-type Polands. The home of the great bull, Searchlight, and herd boars, Designer and Major Look. A choice lot of young stock for sale at reasonable prices. Write your wants. C. S. NEVIUS, Miami Co., Chillicothe, Kan.

**TENNEHOLM SHORTHORNS**—Pure Scotch and Scotch topped Bates families. Bulls in service, Royal Gloster and Col. Hampton. A few young bulls of extra quality on hand; also, some females. Prices low for early sale. E. S. MYERS, Chanute, Kan.

**ANGUS CATTLE**

**High Class Angus Bulls**

Six Angus bulls and a few females for sale. Choicest breeding. 230 in herd headed by Undulata Blackcap Ito 2d, Black Lad 2d and Woodlawn Blackbird Prince, all Blackbirds. None better. Prices right. C. D. and E. F. CALDWELL, Burlington Junction, Mo.

**HEREFORD CATTLE**

**HEREFORDS FOR SALE**

Ten choice, richly bred bulls, from 8 to 18 months of age. Also, few young cows and heifers. Plenty of size, extra good heads, with horns to match, and elegant coats. WILLIAM ACKER, Vermillion, Marshall County, Kan.

**POLLED DURHAM CATTLE**

**ROAN HERO, THE INTERNATIONAL CHAMPION, AND ARCACIA PRINCE X 8079-308159**

the first prize winners, head my herd of Double Standard Polled Durhams. M. P. Ry. 17 miles S. E. of Topeka, Kan. Farms adjoins town. Inspection invited. D. C. VAN NICE, Eichland, Kan.

**RED POLLED CATTLE**

**PHILIPS COUNTY RED POLLS.**

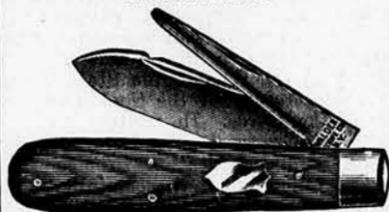
For Sale—Cows and heifers, sired by the great Launfal and bred to Creme 22d. Five excellent bulls from 8 to 16 months, some out of 60-pound, 5 per cent cows. Chas. Morrison & Son, Phillipsburg, Kan.

**RED POLLED CATTLE**

A few choice bulls, ready for service, priced reasonable. I. W. FOULTON, Medora, Kan.

**THE FARMER'S FRIEND KNIFE**

The Handiest and Best Knife Ever Manufactured.



(One-fourth Actual Size.)

The Farmer's Friend Knife is made for practical, everyday use. You have paid \$1 or \$1.50 for a knife not as good as this one. Brass lined, German silver mountings and stag horn handle. Large blade, 2 3/4 inches long. Reamer or punch blade, 2 3/4 inches long. This blade is dependable for making various sized holes in leather for buckles, rivets, belt lacing, etc. Both blades are of finest tempered tool steel, finely ground and polished. Every Knife Guaranteed Fully.

**OUR OFFER.**

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KANSAS FARMER, Topeka, Kan.

**FIELD NOTES**

The annual report of the Nebraska Station Registration Board is now being distributed, and copies may be had by addressing Hon. W. R. Mellor, Secretary, Lincoln, Neb.

**Holstein Heifers.**

W. B. Van Horn, Overbrook, Kan., has seven coming 2-year-old high grade Holstein heifers for sale. They are bred to a registered bull. He could spare a few cows. Note his advertisement, and mention Kansas Farmer when writing.

**Haworth Poland Chinas.**

In this issue Paul E. Haworth, of Lawrence, Kan., is offering a choice lot of springs boars and gilts, sired by Advance, the boar that weighed 570 pounds before 1 year old. Please look up advertisement and write your wants. Kindly mention Kansas Farmer.

**Last Call for Lomax & Starrett Sale.**

The Poland China offering of Lomax & Starrett, at Leona, Kan., November 9, will be one of the high class offerings of the season. The spring and fall boars and spring and fall gilts in this sale are of the kind that will interest breeders wanting Poland Chinas that grow big and have lots of quality. They are the smooth, easy feeding kind that always make good. If you want size and quality, attend this sale.

**Roy Johnston's Poland Sale.**

The Poland China sale of Roy Johnston, South Mound, Kan., Monday, October 21, was not quite up to the usual average of the Johnston kind. The boars outdid the gilts and seemed in better demand. The boars averaged about \$35. Mr. Johnston will sell about 60 head of fall yearling gilts and a few bred sows on January 20. This promises to be one of the best lots ever sold on the Johnston farm. Please look for later mentioning of this sale.

**Last Call for Hudson's Sale.**

Breeders and farmers wanting strictly high class, big type Polands should not overlook the offering of Wayne Hudson, of Hempke, Mo. The sale will be held at Stewartville, Mo., November 8. A great lot of fall boars and gilts will go in this sale. Also, a limited number of outstanding spring boars and gilts. A greater part of this offering was sired by Mr. Hudson's good herd boar, Hadley's Special, by Big Hadley's Likeness by Big Hadley, and is out of such great sows as Bessie Bell, Lady Bell, Bell's Colossus, Golddust Queen, Mo. Capitol and daughters of such sows.

**Jacob Sparks' Sale.**

Jacob Sparks, of Pattonsburg, Mo., one of the progressive young breeders of that state, sold one of the outstanding good offerings of the season in his annual fall sale at Pattonsburg, October 22. The average was not what it should have been for the high class lot of big Poland Chinas sold. The offering was sold principally to local buyers. However, it was a class that would have done credit to the best herds in the country. Mr. Sparks owns one of Missouri's best big type Poland China herds. He has one of the good sow herds of the corn belt, composed almost entirely of representatives of the best big type families of the breed, a greater part of it bought at a high price. He is adding new blood all the time and breeders wanting something good, the kind with size and quality, should investigate his herd.

**T. E. Durbin Sold Fine Offering.**

The offering of T. E. Durbin's annual fall sale of Old Trusty Poland Chinas at King City, Mo., October 22, was an extra good one. Many critics who have attended a great number of sales this fall pronounced it the best offering of the season. Nearly all of the offering was sired by Mr. Durbin's great herd boar, Blue Valley Ex., one of the proven breeders of the corn belt. On account of unfavorable conditions the average was not what it should have been for the extra good lot sold. Following is a list of the principal buyers:

A. J. Howitt, King City.....	\$36.00
T. M. Hudson, King City.....	25.00
A. J. Howitt.....	20.00
Park Wagers, Amity, Mo.....	20.00
A. Meador, M. Etna, Ia.....	20.00
Ulrich Bros., King City.....	43.00
H. H. Foster, King City.....	30.00
John F. Hibbs, St. Joe, Mo.....	20.00
J. L. Stokoe, Marysville, Mo.....	20.00
Wm. Frank, King City, Mo.....	30.00
C. A. Davidson, King City, Mo.....	30.00
C. A. Davidson.....	38.00
Wm. Frank.....	32.00
D. I. Martin, King City.....	21.00
J. T. Hibbs.....	30.00
C. A. Davidson.....	42.00
A. J. Neal, Marysville, Mo.....	31.00
R. I. Wagers, Amity, Mo.....	20.00
John Compton, King City.....	30.00
H. B. Walters, Effingham, Kan.....	26.00
Wm. Frank, King City, Mo.....	24.00
D. I. Martin.....	23.00
Wm. Frank.....	22.00
Geo. Fredrick, King City.....	22.00
Geo. Fredrick.....	21.00
Geo. Fredrick.....	21.00
Wm. Frank.....	25.00
Wm. Frank.....	26.00
C. A. Davidson.....	25.00
Wm. Frank.....	22.00
Turner Bros., King City.....	24.50
Turner Bros.....	24.50

**Watts & Son's Big Sale.**

Attention is called to the advertisement of William Watt & Son, of Green City, Mo., in this issue of Kansas Farmer. On November 15 this reliable firm of breeders will offer 50 head of big type Poland China hogs and 23 head of Shorthorn cattle. The offering of both hogs and cattle will be choice ones. There will be 14 spring boars sired by such boars as Watt's Big Bone 63733, Long Surprise 179577 and Watt's King 63735. Big Bone was sired by Prince Iota; Long Surprise by Wintermute's Surprise Tecumseh, bought at Iowa State Fair as a yearling for \$325. Watt's King was sired by Long King. They are a trio of big type quality boars that are right in every way, and they are breeding right. There will also be four spring boars by Colossal, six fall boars by Long Surprise and Do Do Giant and 20 fall gilts by the same boars. The tried sows of this herd is one of the best lots of big type Poland China sows in the corn belt. Ten choice ones will be in this sale and it will be one of the extra good Poland China offerings of the season. The offering of Shorthorn cattle is high class and will include 15 yearling and 2-year-old heifers, five cows and eight bulls. A number of the bulls were sired by Champion Prince, and some by Royal Marshall. They will also sell their great herd bull, Champion Prince. The bulls are reds and roans, and one white one. The offering will include cows by Lord Champion, heifers by Waterloo Duke and Standard Goods. Write them at once for catalog. Please mention Kansas Farmer when writing.

**GALLOWAY CATTLE**

G. E. Clark. W. W. Dunham. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka. A choice lot of bulls 10 to 20 months old, by imported and American bred sires. They will please you. Address CAPITAL VIEW RANCH, Silver Lake, Kan.

**HAMPSHIRE HOGS**



**HAMPSHIRE HOGS.** Bred sows, spring pigs, in pairs or trios, not akin. Pat Malony, General Allen blood lines. Prices reasonable. F. C. WITTOREFF, Medora, Kan.



**ECLIPSE FARM HAMPSHIRE.** A choice lot of spring pigs; pairs, trios, no akin, for sale; prices reasonable. A. M. BEAR, Medora, Kansas.



**HAMPSHIRE SWINE.** Some fine spring boars and a fine lot of summer pigs, all registered stock. T. S. BURDICK, Route 3, Inman, Kansas.

**OHIO IMPORTED CHESTERS**

**MAPLE LEAF O. I. C.s.**

Am booking orders now for spring pigs of the very best breeding. Also a few choice gilts for sale, bred or open. Prices reasonable. Write today. R. W. GAGE, Route 5, Garnett, Kan.

**O. I. C.—125 Head Hogs**

Pigs in pairs. Bred sows, and 40 boars ready for service. Fifty fall gilts. W. H. LYNCH, READING, KAN.

CHOICE O. I. C. BOARS AND GILTS. HARRY HAYNES, Meriden, Kan.

**OXFORD DOWN SHEEP**

Largest flock west of Mississippi River. Fifty rams, 100 ewes for sale. All stock sired by imported rams. 140 ribbons at the Iowa State Fair in last eight years. Call on or address, John Graham & Son, Eldora, Ia.

**20** Yearling and Two-Year-Old Shropshire Rams, sired by imported sire and out of registered ewes, priced right for quick sale. ED GREEN, Howard, Kan.

**AUCTIONEERS.**

**Missouri Auction School.**

(Largest in the World.) The school that gives you practice in actual sales in their own auction rooms. Next term January 5, at Kansas City. Address W. B. CARPENTER, 14th and Grand Ave., Kansas City, Mo.

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**J. E. BUMPAS**

The Missouri Big Type Hog Auctioneer. Write for date and terms. WINDSOR, MO.

**EMPLOY ZAUN**

for the best results. He works for the best breeders in America. Best of reference furnished. Write for dates. FRANK J. ZAUN, Independence, Mo.

**COL. MOSS B. PARSONS**

LAWSON, MO. Pure-bred Stock Auctioneer and General Salesman. A number of years experience. Terms reasonable. Write me for dates for fall sales.

**COL. OSCAR H. BOATMAN**

Irving, Kansas. Live stock auctioneer. Graduate American Auction School. Write, phone or wire for dates.

**J. R. Triggs** LIVE STOCK AUCTIONEER

Valley Falls, Kansas.

**Col. L. R. Brady** Live stock auctioneer.

Manhattan, Kansas. Ask about my work.

**Col. L.H.Grote** Morganville, Kan. Live Stock and General Auctioneer.

**R. L. HARRIMAN** LIVE STOCK AUCTIONEER. Bunceton, Mo.

**James T. McCulloch** Live Stock Auctioneer. Clay Center, Kansas. Write Early For Choice of Dates.

**W. B. CARPENTER** Live Stock and Real Estate Auctioneer 14th and Grand Ave., Kansas City, Mo.

**Col. C. A. Hawk;** Live Stock and General Auctioneer. Effingham, Kan.

**JOHN D. SNYDER,** Kansas Live Stock Auctioneer. Write or wire for date. Hutchinson, Kan.

POLAND CHINAS

BIG POLAND CHINAS.

BLACK AND SPOTTED KIND. 75 spring and summer pigs for sale, priced reasonably. Public annual sale November 7, 1912. Send for catalog and come to my sale. I sell good hogs cheaper than any other breeder. Write today. J. A. WINEBRENNER, Tipton, Mo.

Faulkner's Spotted Polands. The Old, Original, Big Boned Spotted Kind.

Topeka, Hutchinson and Oklahoma City State Fairs. For the kind of our forefathers, write H. I. FAULKNER, Box K, Jamesport, Mo.

Poland Chinas 225 head in herd. Spring boars and gilts for sale, priced at farmers' prices. Write at once. E. J. MANDERSCHIED, St. John, Kan.

FOSTER'S MASTODON My spring yearling boar, by Mastodon Price, out of Mastodon Maid, for sale. Also, big type spring boars. No gilts. Prices right. H. H. FOSTER, King City, Missouri.

GREEN LAWN STOCK FARM. 100 head of March and April pigs, sired by Major B. Hadley, the 1,000-pound champion at the American Royal, 1911, and Giant Wonder, the best son of A. Wonder, out of a Giantess sow. Spring boars and gilts priced reasonable for quick sale. Write at once. A. J. ERHART & SONS, Adrian, Mo.

COPELAND'S BIG POLAND BOARS. For private sale, instead of public sale, I offer seven choice fall boars sired by "Copeland's Hadley" and "Designer," 12 spring boars, selected, six of them by "Expansion's Son," and out of a 700-pound Hadley bred sow. These boars are good individuals, and will be priced to sell quick. E. COPELAND, Waterville, Kan.

Poland Chinas With Quality For Sale 30 Spring Boars and 30 Spring Gilts, not akin. Sired by Ware's Hadley by Big Hadley and Miami Chief. Prices reasonable and everything guaranteed. Write today. P. L. WARE & SON, Paola, Kan.

MILLER POLAND CHINAS. Fifty head extra good spring pigs in pairs or trios for sale. Prices very reasonable. A few choice herd boars, sired by King Darkness. Write me at once. F. J. MILLER, St. John, Kansas.

Hildwein's Poland Chinas combines the blood of Expansion, Long King's Equal, Big Victor, Gold Metal, and other great sires. Sixty spring pigs to choose from. WALTER HILDWEIN, Fairview, Kan.

POLAND BOARS BIG ONES Twenty-five to select from, old enough for service. Also, fall pigs, either sex; guaranteed immune from cholera. J. L. GRIFFITHS, Riley, Kan.

LARGE POLAND CHINAS Choice boars, bred sows and gilts for sale. Sired by King Hadley, John Ex. and John Long 2d. Prices right. W. Z. BAKER, Rich Hill, Mo.

STRAUSS POLAND CHINAS Model Bill 54634 heads our herd, assisted by Model Wonder, one of the largest yearling boars of the breed. Fifteen spring boars for sale, priced to move them. O. R. STRAUSS, Route 1, Milford, Kan.

STRYKER BROTHERS POLAND CHINAS. Choice boars and gilts from our show herd. Can sell all kinds of breeding stock at reasonable prices. Also, Hereford cattle and standard bred horses for sale. STRYKER BROS., Fredonia, Kan.

KOLTERMAN'S SPOTTED POLANDS Headed by Onaga King, mated with big kind of sows. Twenty years of continuous breeding. This is the farmer's hog. Fifty spring pigs to select from. CHAS. W. KOLTERMAN, Onaga, Kansas.

25 BIG POLAND CHINA BOARS. Priced to sell quick. Sired by Blue Valley Goldust, and out of 700-pound sows. Have decided not to hold sale and offer these privately. Big, smooth fellows. Some real herd headers. Inspection invited. E. J. PECKHAM, Pawnee City, Neb.

FALL DUROC JERSEY BOARS. GOOD ONES: Sired by Carter's Golden Rule, grandson of Pearl's Golden Rule and out of sows sired by G. C.'s Kansas Col. Also, 50 pigs, weanlings. J. W. WOHLFORD, Waterville, Kan.

SPRING AND FALL BOARS. Twenty-five good ones, sired by "Blue Valley, Jr." and "Hartman's Hadley." Will not hold fall sale. Special prices for twenty days. J. J. HARTMAN, Elmo, Kan.

RYDAL POLAND CHINAS. Headed by Rydal Chief by Choice Goods. Sows of best strain. SPRING pigs for sale. E. S. FABLEE, Rydal (Republic Co.), Kan.

THE LARGE, SMOOTH POLANDS. Fifty head of fall boars and gilts that have size and quality; also, a few bred gilts. L. E. KLEIN, Zeandale, Kan.

BIG, SMOOTH POLANDS. FOR SALE—Choice fall boars. Gilts bred for October farrow, and spring pigs, both sexes. Pairs not related. FRANCIS PROCKISH, Westmoreland, Kan.

FIELD NOTES

Low Fencing Costs.

Wire fence prices have not increased in proportion to prices in general. The products of the farm today will buy 50 per cent more wire fence than 10 years ago. Some of our readers may have noticed this and wondered at it, as wire fence is one of the Steel Trust products. There is strong competition in this line and several large companies have sold their fence direct to the farmer for many years. By eliminating the cost of handling by the dealer as well as his profit, they have made very low prices. The Trust has had to meet this competition and prices have been kept down. Kittelman Bros., whose ad appears elsewhere in this issue, was the original mail order fence company.

Valuable Information on Feeds and Manures.

A folder has just come to our attention which contains a lot of practical information on the subject of live stock feeding. This folder does not seek to tell what to feed stock, but rather to give the reader information in such form as to assist him in deciding what and how much to feed to accomplish the greatest results, considering, of course, the purpose for which he is raising the stock. In this folder is contained a valuable table giving an analysis of every kind of feed known, and showing by percentage the amount of the various digestible nutrients in given amount of feed. It also shows by percentage the amount of fertilizing constituents in a given amount of fertilizer, resulting from the feeding of each kind of food. So it is easy for one to compare his present feeding arrangement with this table and find out how he can economize in gaining the result he has in view. This folder is entitled "Values of Feeds and Manures," and is published by The C. M. Bowsher Co. of South Bend, Ind., and will be sent gratis on request.

Portable Corn Cribs.

The portable corn crib which is being advertised in Kansas Farmer has had a good sale, although this is the first season it was put on the market. It was shown at Nebraska and Illinois State Fairs, where quite a number of sales were made on the grounds. The Miller Portable Corn Crib is of a distinctive type and merits extensive sales. It has many advantages over the old style cribs, and while the new portable crib will not entirely replace the old cribs, any more than the automobile will replace the horse, yet it is worth while because of its convenience. The Miller Crib is built at the factory in St. Louis. Order one, put it up on your place by simply bolting it together. Next year you may wish to rearrange your buildings. Simple matter. Remove the bolts, carry the crib to the desired location. Set up a Miller Crib out in the field, fill it with corn, feed out the corn or haul to market. At your leisure, during the winter, take it down and set it up just where you want it to stay. If you rent, the Miller Crib is your good friend. Save your corn from rain and snow. Then when you move to another place, take your Miller Crib along. It is built in convenient sections. See the advertisement on another page, and kindly mention Kansas Farmer when writing.

To Prevent Hog Cholera.

Hog cholera is the most deadly and the most dreaded disease that affects the swine herd. Its extreme virulence, coupled to the fact that no certain cure has ever been found makes it a most dreaded scourge. The salvation of the hog raiser lies in preventing the disease from getting a foothold on his farm. To this end every farmer should see to it that his herd is kept constantly in the highest of condition. A herd that is perfectly healthy, that is entirely free from worms, that have perfect digestion and good, rich blood, rarely, if ever, are attacked by cholera. This fact has been demonstrated time and again by stockmen who give their animals free access to "Sal Vet," a medicated salt, manufactured by the S. R. Fell Co., Cleveland, Ohio. Animals which have free access to "Sal Vet" become hardy and healthy and for that reason seem to be immune to the disease. The manufacturers do not claim "Sal Vet" will cure cholera, but they do claim that its use prevents cholera from getting a foothold. Mr. Fell generously offers to send enough "Sal Vet" to feed all your stock 60 days, and will then make no charge if it fails to do all he claims. See the advertisement on another page. Better clip and mail the coupon today.

O'Keefe Makes Good Sale.

The sale of large type Poland Chinas held by L. V. O'Keefe, Stillwell, Kan., Thursday, October 24, was the best sale it has been our pleasure to attend this fall. The sale was well advertised and the offering was above the average. The local support was strong and a number of our best Poland China breeders were represented, either by mail bids or by being present. Mr. Roy Johnston topped the boar sale, paying \$82 for No. 5, while Mr. Fred Johnston was a close second, paying \$55 for No. 18. Mr. G. L. Adams, of Olathe, Kan., topped the gilt sale, paying \$63 for No. 46 in catalog. Col. R. L. Harriman conducted the sale, and was at his best. He went into the sale with vim and vigor and the sale was a quick, snappy one all the way through, and at no time did it lack for interest. Following is report of all selling above \$25:

Table with columns: No., Buyer, Price. Includes entries for W. H. Winter, J. D. Spangler, Chas. Graves, J. F. Bucklet, Roy Johnston, Chas. Graves, Fred Johnston, G. L. Adams, W. B. Wallace, Chas. Graves, A. Dougherty, John Kessill, Ed Dougherty, H. B. Walters, S. W. Rice, Fred Johnston, G. L. Adams, H. W. Hook, W. H. Winter, I. R. Berky, E. M. Hisey, E. W. Breckenridge, E. W. Breckenridge, Harvey Wales, G. L. Adams, W. H. Harrison, Chas. Graves, Ed Dougherty, A. E. Hockaday, G. L. Adams, W. E. Long, E. W. Breckenridge, E. W. Breckenridge, W. H. Harrison, E. S. Wales.

POLAND CHINAS

CLOVER DALE STOCK FARM POLANDS

Priced for quick sale, my medium type yearling show herd, winning third at Des Moines this year. Also, aged sows, fall gilts and some fine spring gilts by The Baron, he by a full brother to The Harvester and Darkness Perf. by Perf. I Know. M. H. COREY, Lockridge, Ia.

Dean's Mastodon Polands. The big-boned type, will weigh when mature 800 MUMINIZED BY DOUBLE TREATMENT AND ARE IMMUNE. Phone, Dearborn; station, New Market, and Postoffice, Weston, Mo. Address CLARENCE DEAN, WESTON, MO.

PLAIN VIEW STOCK FARM The home of the 1,060-pound grand champion Pawnee Chief Hadley and Big Bill Taft. We are offering 80 big-type spring boars and 25 fall gilts either bred or open. We believe in size, quality and prolificacy, and we have a line of hogs now on which we can guarantee these essential features, and on this basis we solicit your trade. DR. JOHN GILDOW & SONS, Jamesport, Missouri.

WALLACE'S MAMMOTH POLAND CHINAS A splendid offering of big type young boars for sale, from the strongest collection of big type brood sows, and by the GRAND CHAMPION BOAR, EXPANSION WONDER, and GRAND LEADER. Size with quality is my policy. W. B. WALLACE, Bunceton, Mo.

WRAY & SON'S BIG TYPE POLAND CHINAS Herd headed by Sterling Prince, one of the largest and best 2-year-old boars of the breed. Assisted by Chief Price's Wonder, one of the best sons of the great breeding boar, Chief Price Again. Young stock for sale. Better than your grandpa ever raised. B. T. WRAY & SONS, Hopkins, Mo.



Welghed 570 Pounds Before One Year Old. For Sale—Choice spring boars and gilts and fall yearling boars—the big type combining size and quality. PAUL E. HAWORTH, Lawrence, Kan.

IMMUNE POLANDS

Fifty head of very choice, big type Poland China spring pigs, both sexes, and immune from cholera. Also, Shorthorn cows and heifers, bred or open. Nothing but first-class stock sold for breeding purposes. Inspection invited. S. B. AMCOATS, Clay Center, Kan.

30—BIG POLAND CHINA PIGS—30 Tops of my spring crop, sired by First Quality and out of Expansion sows. Satisfactory prices. JAMES ARKELL, Junction City, Kan.

Herd Boars For Sale Five outstanding good ones. Three for sale, including Mogul's Monarch and Prince Hadley. J. H. HARTER, Westmoreland, Kan.

STRAUSS POLAND CHINAS. Big, smooth kind, headed by Model Bill 54634, and Model Wonder, descended from A Wonder. Sows of equal merit. Stock for sale. O. R. STRAUSS, Milford, Kan.

40—Immune Poland Chinas—40 Twenty choice spring boars sired by Colossus Pan, also gilts, bred or open. HUBERT J. GRIFFITHS, Clay Center, Kan.

BIG, SMOOTH POLANDS. Headed by Model Look and Young Billy. Sows of biggest strains; 30 choice pigs ready to ship; pairs not related. BROWN HEDGE, Whiting, Kan.

VALLEY VIEW POLAND HERD. Home of Tec. Hadley, first prize sow at Lincoln last year. Forty choice spring pigs sired by Hadley Hutch and Revenue Chief. Write for descriptions. J. W. LEEPER, Norton, Kansas.

DUROC JERSEYS FOR SALE—Herd boar Chief I Am 100179 by Ohio Chief Again, dam Crimie by Crimson Wonder I Am. Also choice spring boars and gilts, all fall pigs, both sexes. A chance for a great herd boar. W. W. SMALLEY & SON, Blockton, Iowa.

GOLDEN RULE DUROC JERSEYS Choice bred sows and gilts for sale. Herd boars Dreamland Col. and L. C.'s Defender. Also spring pigs by the boars mentioned. LEON CARTEE, Asherville, Kansas.

DUROC JERSEY BOARS. 20 TOP BOARS, by Golden Model 3d, and other great boars the type that will make money on any farm, and will improve any herd. They will suit you. GRANDVIEW STOCK FARM, Americus, Kan.

WATT & SONS BIG SALE AT GREEN CITY, MO., NOV. 15, 1912. FIFTY HEAD BIG TYPE POLAND CHINAS—Six fall boars, sired by Long Surprise and Do Do Giant; 20 fall gilts, sired by Long Surprise and Do Do Giant; 145 spring boars, sired by Watt's Big Bone, Long Surprise and Watt's King; 4 spring boars, by Colossal. Also, 10 tried sows, 23 head Shorthorn cattle, 15 yearling and 2-year-old heifers, 5 cows and 8 bulls, 3 yearling bulls by Champion Prince, 2 by Royal Marshall, also our great herd bull, Champion Prince. Bulls are reds and roans, and one white one. Cows and heifers by Lord Champion, Waterloo Duke and Standard Goods. Mail card for catalog, and see what we have. W. M. WATT & SONS, AUCTIONEER—H. S. DUNCAN. GREEN CITY, MO.

POLAND CHINAS

DUROC JERSEYS

CHOICE DUROC JERSEY BOARS. Last fall farrow, sired by Good E Nuff Model by the Duroc wonder, Good E Nuff Again, and out of sows by Crimson Jack by Crimson Wonder. E. H. GIFFORD, Lewiston, Neb.

QUIVERA PLACE. Headquarters for the best in Durocs. Herd headed by Quivera by Tatarax assisted by M. & M.'s Col. Choice spring boars for sale. Bred sow sale January 8. Munsell & Isenberg, Herington, Kan.

VILANDEE'S DUROC JERSEYS. 130 spring pigs, sired by Tatarax Chief, White House King, Carl Critic, etc. Out of mature dams. Pairs and trios not related. Ready to ship now. ALVIN VILANDEE, Manhattan, Kan.

MARSH CREEK DUROCS. Choice spring boars of leading strains. Low prices for the next thirty days. R. P. WELLS, Formoso, Kan.

SATISFACTION OR MONEY BACK. For sale, 12 young boars, will make herd headers; 30 choice gilts; 100 spring pigs. Prices reasonable. W. A. BAKER & SON, Butler, Mo.

GEORGE KERR'S DUROCS lead in rich breeding and individuality. 120 choice spring pigs ready to ship. Plenty of herd boar material. GEORGE KERR, Sabetha, Kan.

CROW'S DUROCS 20 Choice spring boars from my show herd. 40 Spring gilts. Prices reasonable. Write at once. W. R. CROW, Hutchinson, Kansas.

PERFECTION STOCK FARM DUROC JERSEY HOGS. For Sale—20 Spring Duroc Jersey gilts and spring boars, pairs and trios, not related. We sell at farmers' prices. CLASSEN BROS., Union, Okla.

HIGGINS' BIG DUROCS. We have spring boars by "Crimson Wonder Again," "King the Col," Golden Model Again, and many other sires of merit. Out of dams by Valley King, and others. Priced to sell, and guaranteed to please. Write or call. JOHN T. HIGGINS, Abilene, Kan.

FALL DUROC BOARS. Choice ones to select from. Fed and handled properly for good results. Choice breeding. Only the best saved for breeding. Reasonable prices. HOWELL BROS., Herkimer, Kan.

COLLEGE HILL DUROCS Home of the best. For quick sale, 10 selected boars and few females by G. M.'s Col. and Carl Critic, out of Tatarax dams. Farm adjoins college on north. W. W. BALES, Manhattan, Kan.

MULE FOOT HOGS THOMPSON'S growthy Mule Foot Hogs have won more first prizes than any herd in America. Stock of all ages for sale, sired by or bred to my 6 State Fair first prize winning males. Prices low, quality high. Write for prices and information. CHAS. O. THOMPSON, Letts, Ind.

SHROPSHIRE SHEEP Smalley & Son's Shropshires. Flock ram by Carpenter's 432 A. S. A. 236201, winner of Retifler cup. Yearlings by this ram. Two-year-olds by Ruland's 646-206607. All high class, priced for quick sale. W. W. SMALLEY & SON, Blockton, Iowa.

**NOW FOR THE INTERNATIONAL!  
GREATEST AND BEST  
LIVE STOCK SHOW**

OF THE YEAR.  
**NOV. 30, to DEC. 7, 1912**

—AT—  
**UNION STOCK YARDS  
CHICAGO**

Many new improvements, new features, Thirty National Conventions, Daily Sales of all Breeds, Etc., Etc., Etc.

A season of learning, entertainment, Brilliant Evening Shows, and

**A TRIP TO CHICAGO**

Lowest rates on all Railroads.



**ROBISON'S PERCHERONS**  
Stud headed by the champion, Casino 27830 (45462.) Stallions and Mares, all ages, for sale.  
Importation of 40 head landed at the farm September 23; 30 head more to land here October 20. All are for sale.  
**J. C. Robison, Towanda, Ks.**

MENTION KANSAS FARMER WHEN YOU WRITE

**UNITY HERD CHESTER WHITE HOGS**

J. N. George, Proprietor, Hopkins, Mo. Herd headed by Harvey's Best 1040, by White Oak, out of Alvey Sweet Woodland Boy, Look-on-King, Iowa Mikado and Unity Dick sows in herd. Fall boars for sale. Will weigh 250 to 300 pounds, 8-inch bone. Also, out standing fall gilts. Prices right to sell quick. Write me or visit herd at Hopkins, Mo.

**HILLWOOD HAMPSHIRE HERD, SMITHVILLE, MO.**

A prize winning herd, headed by Pirate 5417, by Meadow Lark and out of Spring Water Lily 6th. Many sows in herd by Gold Medal and Earlinger. Can furnish junior yearling and spring boar, fall yearling and spring gilts. Pairs or trios, no kin. Sows sold, bred or open, to suit purchaser. Stock priced well worth the money, and satisfaction guaranteed. If you want prize winners that will make good, call or write me.  
**J. Q. EDWARDS, Smithville, Mo.**

**FOR SALE—REGISTERED PERCHERONS.**

The kind that goes out and makes good. I breed and grow suckling colts, at 6 months old, that weigh 900 pounds; 2 years old will weigh 1,360 pounds. I will sell you a stallion 4 years old, as good as grows anywhere, at \$500 to \$800. Twenty years an Iowa breeder. All stock registered in P. S. A.  
**WILL F. HOOKER, Hamilton, Missouri.**  
Fifty miles east of St. Joseph, on main line C. B. & Q.

**KENT'S IOWA HERD**

100 boars for sale, 50 fall and yearlings, most of them sired by that famous old boar, Combination 12313. Fifty spring boars sired by other State Fair prize winners. Also choice sows bred for fall farrow. I can sell you anything you want in Chester Whites from a fancy herd header down. If you want to buy one of the big kind, write me for prices and the way I will ship these hogs before paying for them. Mention Kansas Farmer. Address  
**THOMAS F. KENT, R. 2, Walnut, Iowa.**

**DUAL PURPOSE SHORTHORN CATTLE**

Evergreen Home Farms, Lathrop, Mo., J. H. Walker, Prop.—Breeder of dual purpose Shorthorn cattle, Oxford Down sheep, Berkshire hogs and Burbon Red turkeys. Breeding stock for sale at all times. Prompt attention to mail orders. Write us for milk and butter records of our Shorthorn herd.  
**J. H. WALKER, Lathrop, Mo.**

**CEDARSIDE STOCK FARM, WAVERLY, IOWA**

wants to sell you some nice OXFORD ewes; also, 15 rams; all from imported rams and part from imported ewes. The ewes will be bred to a 400-pound ram. Some nice HOLSTEIN bull calves, with several 30-pound records backing.  
**C. A. NELSON.**

**50—PERCHERON STALLIONS—50**

Bishop Brothers have 50 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business, quality considered. Write us what you want.  
**BISHOP BROS., TOWANDA, KAN.**

**RED POLLED CATTLE**—The dual purpose breed. The most profitable for the farmer. Choice young bulls for sale, priced right.  
**U. E. HUBBLE, Stockton, Kan.**

**WRITE US FOR OUR LIST OF IMPROVED FARMS FOR SALE.** Some of the finest farms in Kansas and other states on easy terms and very low prices. We list only what we consider as genuine bargains.  
**Garver & Co., Box 142, Topeka, Kan.**

**PURE MORGAN STALLIONS**

Young Morgan Stallions for sale, sired by Prince Albert 4725, the seventh in line from Justin Morgan. There are very few pure-bred Morgan stallions in the world, and none better bred than these. Here is a remarkable chance to secure some of the best blood lines known to the breed.  
**J. ED. BAILEY, Iowa Falls, Iowa.**

**FIELD NOTES**

**FIELD MEN.**

O. W. Devine.....Topeka, Kan.  
Jesse R. Johnson.....Clay Center, Kan.  
W. J. Cody.....Topeka, Kan.

**PURE BRED STOCK SALES.**

Dec. 17—Lee Bros., Harveyville, Kan. Sale to be held at Manhattan.  
Dec. 19—J. C. Robison, Towanda, Kan.

**Jacks and Jennets.**  
March 4—L. M. Monsees & Son, thirty-fourth annual sale, Smithton, Mo.

**Holstein Friesians.**  
Feb. 4-5—Henry C. Glissman, Station B, Omaha, Neb.

**Jersey Cattle.**  
Nov. 25—A. L. Churchill, Vinita, Okla.

**Shorthorn Cattle.**  
Nov. 13—Nevius, Holmes & Berkey Bros. Sale at Ottawa, Kan.  
Nov. 21—J. F. Stodder, Burden, Cowley Co., Kan.

**Poland Chinas.**  
Nov. 15—O. R. Strauss, Milford, Kan.  
Nov. 15—William Watt & Son, Green City, Mo.

Dec. 11—H. C. Graner, Lancaster, Kan.  
Jan. 16—H. B. Walter, Effingham, Kan.  
Jan. 24—Jas. G. Long, Harlan, Iowa.  
Jan. 30—C. W. Jones, Solomon, Kan.  
Jan. 2—Thompson Bros., Marysville, Kan.  
Feb. 3—Williams Bros., Villisca, Ia.  
Feb. 5—J. L. Griffiths, Riley, Kan.  
Feb. 5—H. Fesenmeyer, Clairinda, Iowa.  
Feb. 6—J. B. Lawson, Clarinda, Iowa.  
Feb. 7—J. O. James, Braddyville, Iowa.  
Feb. 8—W. H. Charters, Jr., Butler, Mo.  
Feb. 12—H. L. Faulkner, Spotted Polands, Jamesport, Mo.

Feb. 12—Ira C. Kyle & Son, Mankato, Kan.  
Feb. 13—Carl Jensen & Son, Belleville, Kan.  
Feb. 20—R. J. Peckham, Pawnee, Neb.  
Feb. 21—W. Z. Baker, Rich Hill, Mo.  
Feb. 22—A. J. Erhart, Adrian, Mo.  
Feb. 22—C. L. Branich, Hiawatha, Kan. Sale in town.  
Feb. 25—The Deming Ranch, Oswego, Kan.  
Feb. 26—F. J. Sexsmith, Orient, Iowa.  
Feb. 26—Thompson Bros., Marysville, Kan.  
Feb. 26—J. W. Pfander & Sons, Clarinda, Iowa.  
Feb. 26—L. C. McClarmon, Braddyville, Ia. (Night sale).  
March 1—J. B. Dillingham, Platte City, Mo.

**Duroc Jerseys.**  
Jan. 8—Munsell & Isenberg, Herington, Kan.  
Jan. 11—Fred W. Lahr, Brooks, Iowa. Sale at Corning, Iowa.  
Jan. 17—E. H. Clifford, Lewiston, Neb.  
Jan. 30—Leon Carter, Asherville, Kan.  
Jan. 22—Thompson Bros., Garrison, Kan.  
Jan. 24—John T. Higgins, Abilene, Kan.  
Feb. 4—Alvin Villander, Manhattan, Kan.

**Berkshires.**  
Nov. 21—Sutton Farms, Lawrence, Kan.

**Stallions for Trade.**  
Kidd Bros., Route 7, Topeka, Kan., offer some stallions in exchange for cattle, in the classified advertising columns this week.

Mrs. D. M. Gillespie, Barred Rock specialist, of Clay Center, Kan., starts a card in poultry department this week. Mrs. Gillespie's Barred Rocks are well known and always give complete satisfaction.

**Lant Brothers' Duroc Sale.**  
Don't fail to send in your name early for one of Lant Brothers' catalogs. The sale will be November 12, at Dennis, Kan. Good train service, either from Parsons or Cherryvale, Kan. The offering is one of the best to be sold this year, and should attract the attention of breeders.

**Shorthorn Bulls.**  
S. B. Amcoats, Clay Center, Kan., changes his advertisement this week to include a few Shorthorn bulls old enough for service. Mr. Amcoats reports fair sales on Poland Chinas, but still has a fine line of spring boars and gilts. They have all been vaccinated and are immune from cholera. Mr. Amcoats will also sell a limited number of Shorthorn cows and heifers. The Amcoats stock is first class and will be priced right.

**Col. Triggs.**  
One of the big factors in the Poland China sales that have been held in northeastern Kansas this fall has been the splendid and efficient work done by Col. John R. Triggs, of Valley Falls, Kan. Col. Triggs spent a number of years as a breeder of Poland Chinas and this, in a measure, fitted him for the work in which he is now engaged. He has assisted in about all of the best sales and is now busy making good farm sales in his territory. When in need of an auctioneer, write Col. Triggs.

**Wells Writes.**  
Mr. R. P. Wells, Duroc Jersey breeder, located at Formosa, Kan., writes us concerning the new boar that will assist "Tat's Chief" the coming season. He was sired by W. L. A.'s Perfection, he by W. L. A.'s Choice Goods. His dam was Miss Fancy's Best, by Buddy K. 4th. His second dam was Miss Fancy, by Commodore Lad, and out of Queen of Norfolk. Mr. Wells says this young fellow is of the broad, deep type, good length and beautiful color. Mr. Wells states that he still has two choice pigs by Tat's Chief. His sales have been good.

The General Purification Company, of Madison, Wis., which made such a successful demonstration with the horse plague at Chapman, Kan., announces that it has a treatment for typhoid pneumonia in hogs which includes Bacilli-Kill and which has proved very successful indeed. They state that if any readers of Kansas Farmer desire to use this treatment under the terms of their advertisement in Kansas Farmer, a supply will be sent them, and if, after a fair trial they are not satisfied, the charge for the remedy will be canceled. This is practically an offer of a free trial and it will pay you to look at their proposition in their advertising card and get next to it.

**Red Polled Cattle.**  
U. E. Hubble, Stockton, Kan., is offering some fine young Red Polled bulls for sale, and is making the prices right on them. Perhaps no breed of dual purpose cattle ever gained in popularity as rapidly as have the Red Polleds. Whether used for beef or butter, or both, the Red Polleds have one great advantage, they are hornless. They are good rustlers, but no breed responds more readily to proper treatment and, being without horns, they are easily handled and mild of disposition. Write Mr. Hubble for description and prices, and kindly mention Kansas Farmer.

**The Unordained Preacher.**

It is not often that a business man takes the time to seriously record his reflections on what should be the controlling influences in one man's relations to another. J. E. Baird, of the Kingman Plow Company, Peoria, Ill., has published a little booklet, "The Unordained Preacher," which can hardly fail to bring a glow of delight to everyone who reads it, and who believes that rewards should come "according to the deeds done in the body, whether they be good or evil." The booklet is in no sense an advertisement of anything to sell. It is simply to help make life more worth living. It sells for 10 cents a copy, and is worth five times that much for one reading.

**Higgins' Duroc Jerseys.**

Duroc Jersey breeders that want the best, should write John T. Higgins, of Abilene, Kan. Mr. Higgins has one of the very best herds to be found in the country. He has bought liberally from the best eastern herds, and the blood lines in his herd are as good as can be found anywhere. Mr. Higgins is a student of pedigrees, and in making his selections, used his ability along this line. He offers choice boars sired by the noted "Crimson Wonder Again," "Golden Model Again," "King The Col" and other noted prize winning boars. They are well grown out and are splendid herd boar prospects. Mr. Higgins claims January 24 for his bred sow sale.

**The International Exposition.**

The International Live Stock Exposition will open its gates at Chicago on November 30 and close on December 7. No influence in America has been more potent in its work towards the solution of the vital problems of today as this great show. In its encouragement of the production of more and better beef, pork and mutton, it has greatly benefitted both the producer and consumer. In its encouragement of the breeding of correct types of meat producing animals, suitable to market demands, it has not only benefitted the farmers, but saved them from actual loss. Every farmer is entitled to a vacation, and there can be no better place at which to spend a week than at the International.

**The Place to Buy Good Cattle.**

On November 13, at Ottawa, Kan., will be one of the important Shorthorn sales of the season. It will be the place to buy good, useful bulls and females. Buyers can find good Scotch cattle and show cattle or medium priced breeding cattle, bred to as good bulls as the Shorthorn breed affords. Number 1 in the catalog is a Searchlight roan bull, out of Princess Agatha. Number 2 is a Brawith Heir roan bull, 2 years old, by Gallant Knight's Heir. Number 3 is a Searchlight Pavonia red bull, and a Scotch Pavonia. Number 4, Scotch Joe, is an extra good young bull out of Scotch Josephine, by Searchlight. Please look up the advertisement in this issue, and be sure you receive a catalog. Apply to C. S. Nevius, at Chiles, Kan.

**Gildow & Sons Offer Prize Winners.**

Dr. J. F. Gildow & Sons, of Plain View Stock Farm, of Jamesport, Mo., still have a few outstanding toppy spring boars left. They are big, smooth fellows, sired by such boars as Big Bill Taft and Pawnee Chief Hadley, two great Poland China sires, and out of the best big type sows of the Plain View herd. They will also sell their Junior Pawnee Chief Hadley, and out of Pan Lady by Grand Look. He was third at Topeka; third at Hutchinson and third at the American Royal this year in a strong show at each place. Their under-year show boar is for sale. He was sired by Big Bill Taft, and out of Spotted Sultana, a half sister of H. L. Faulkner's Old Brandywine. He was fourth at Topeka, fourth at Hutchinson and third at Sedalia in a class of 15, and was right in every way and Poland China breeders wanting the big, prolific kind with quality will find what they want in the Plain View herd. Write them descriptions of what you want. Please mention Kansas Farmer.

**A Visit to Lamer's Barns.**

A visit to the Lamer horse barns at Salina, Kan., reveals the fact that here in the west is one of the biggest and most successful institutions of its kind to be found anywhere in the country. Mr. Lamer is a man of unusual energy and has the capacity for "big business." His operations from the time he engaged in the importing business up to the present time are a continuous story of success. Every year the importations have been larger and better, and the demand for his horses has kept pace with his determination to give to the farmers and breeders an opportunity to buy as good as the markets of Europe affords. This year the quality of his stallions and mares is far superior to anything he has previously brought over. This fact needs but little proof in the face of his winnings at all the shows where he has shown this year. Arriving too late for the Topeka and Hutchinson fairs, he went to Oklahoma and won every premium offered by the American Percheron Horse Association, and at American Royal, which is the greatest of the biggest shows, his winning was almost as good. At his barns in Salina he has 60 stallions and nearly as many mares. For bone, style and action, it is doubtful if there can be a better bunch found. A lot of the mares were summered on Mr. Lamer's farm near Salina. Many of them are fillies, with a long life of usefulness before them. To the man or men in the market for a good stallion or mare, we would say, by all means visit C. W. Lamer. Mention Kansas Farmer when writing.

**A Genuine Service.**

"I believe," says an old subscriber, "that every time The Youth's Companion enters a home it does that home a genuine service." That describes the purpose of the publishers exactly. At a cost of less than four cents a week The Youth's Companion opens the door to a company of the most distinguished men and women in America and Europe. Whether they are revealing the latest discoveries in science, or describing great industrial achievements, or telling of their wanderings in strange corners of the world, or feeding the imagination with rare stories, they are giving Companion readers the best of themselves. Seven serials at least will be published by The Companion in 1913, and nearly 200 other complete stories, in addition to some 50 special contributions, and a treasure-box of sketches, anecdotes, expert advice as to athletic sports, ideas for handy devices round the house, and so forth—long hours of companionship with the wise, the adventurous and the entertaining. Announcement for 1913 will be sent with sample copies of the paper to any address on request. Every new subscriber who sends \$2.00 for the 52 weekly issues of 1913 will receive as a gift The Companion Window Transparency and Calendar for 1913, the most exquisite novelty ever offered to Companion readers; also, all the issues of The Companion for the remaining weeks of 1912, free. The Youth's Companion, 144 Berkeley St., Boston, Mass. New subscriptions received and forwarded by Kansas Farmer.

# CLOSING OUT SALE

**ST. JOSEPH, MO., FRIDAY, NOVEMBER 15, 1912**

Fifty high grade Holsteins and high grade Jerseys, and 15 red cows, all milking, and bred either to son of the King of Pontiacs or to a son of Colantha 4ths Lad.

75 Head choice, high grade Holstein heifers, from 6 to 24 months old, sired by registered bull and bred to a son of a 17-pound cow. A number of extra fine, registered Holstein cows, about a dozen registered Holstein bulls, from

12 to 20 months old. Catalogs of registered stock. Letters answered. All stock has been raised on this place. Everything tested for tuberculosis. Take Frederick Avenue car from depot to end of line, three-fourths mile from car line.

Auctioneers—Col. Z. S. Branson, Lincoln, Neb.; Col. Dan Gibson, Stewartville, Mo.

Address, Henry Glissman, Omaha, Neb., Sales Manager.

**Frank Buzard, Owner, St. Joseph, Mo.**

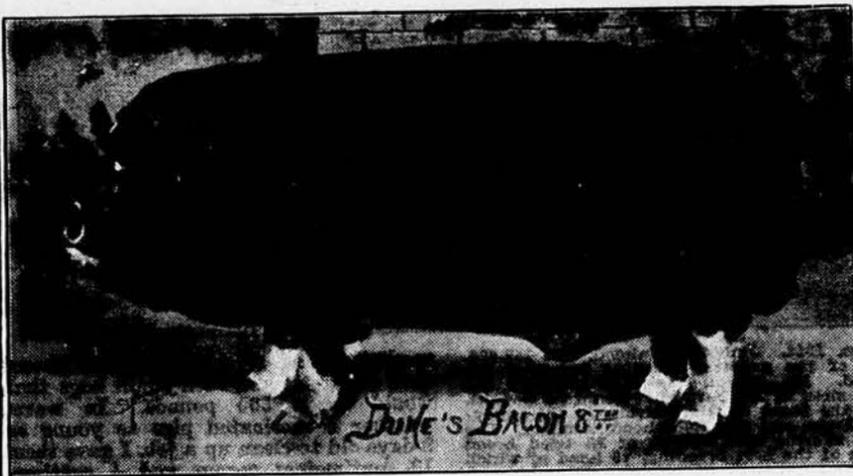
## PUBLIC SALE OF CHOLERA PROOF BERKSHIRES

**FRIDAY, NOV. 15, 1912**

**This Magnificent Offering Contains**

Judge Robinhood  
College Duke 2d  
Royal Star's Duke, Junior  
Champion of Kansas.  
Peaceful Charmer, Grand  
Champion 1912 Royal.

Duke's Baron 8th, 1912  
Kansas and Oklahoma  
Grand Champion.  
Artful Masterpiece 3d,  
first prize aged boar 1912  
American Royal.



THREE BOARS, BY BERRYTON DUKE, JR.; SEVEN SOWS, BY BERRYTON DUKE, JR.; TEN BOARS, BY JUDGE ROBINHOOD; THIRTY SOWS, BY JUDGE ROBINHOOD; FIFTEEN SOWS, WITH STRONG, STURDY LITERS.

In this outstanding offering we are selling every good Berkshire maintained at Lawrence. This undoubtedly will be bargain day, as we are selling over 100 head of outstanding Berkshires.

**SUTTON FARM**

**LAWRENCE,**

**KANSAS**

## ONE HUNDRED REGISTERED DUROCS AT AUCTION

At farm five miles north of WATERVILLE, KAN.

**THURSDAY, NOV. 14,**

## Dispersion Sale

Conditions are such that I must leave the farm, and I offer the following stock:

### THE OFFERING.

Twenty-five tried sows, 2 herd boars, 15 spring boars, 15 spring gilts, 52 choice pigs of August farrow, both sexes.

### BLOOD LINES.

Tried sows include daughters of G. C.'s Kansas Col., Nebraska Wonder, Queen's Col., and a son of Tatarax.

The fall stuff was sired by Carter's Golden Rule, grandson of Pearl's Golden Rule. Spring pigs by same boar. Fall pigs by Carter Col. by Dreamland Col.

Write for catalog. Send bids to fieldman or auctioneer.

I also offer at private sale my farm, comprising 240 acres, half under plow, rest alfalfa and wild grass pasture. Plenty of running water and timber. Hog-tight pasture. One of the best stock farms in Kansas. Five miles from Waterville, 13 miles from Marysville, county seat. Will be sold at a bargain.

**J. W. WOHLFORD**

**Waterville,**

**Kansas**

T. E. GORDON, Auctioneer.

JESSE JOHNSON, Fieldman.

MENTION KANSAS FARMER WHEN YOU WRITE.

## HAVE YOU A GOOD SHROPSHIRE RAM? If Not You Cannot Afford to be Without One

Our unequalled facilities for breeding sheep enable us to offer biggest values. American-bred yearlings at \$25, imported yearlings at \$35, well-matured January lambs at special prices. Also a choice selection of ewes, all ages, to be bred and shipped this fall. An early order insures choicest individuals, so write us today. We guarantee satisfaction.

**HENLEY RANCH, 8000 Acres, Greencastle, Mo.**

## CARNOT PERCHERONS

Carnot colts won over everything at the great Iowa State Fair, in both male and female classes, and in heavy competition. Carnot is now proved to be one of the greatest breeding stallions of the breed, and his colts are sought everywhere. A number are still for sale, out of the best mares. Prices right. Address, W. S. CORSA, White Hall, Illinois.

## LOMAX & STARRETT'S ANNUAL SALE OF Big High Quality Poland Chinas

AT FARM NEAR

**LEONA, KANSAS, SATURDAY, NOV. 9th 1912**

Thirty-five head of Choice Spring and Fall Boars and Spring and Fall Gilts. Our offering has been carefully selected and will appeal to breeders wanting Poland China breeding stock with size and quality. Spring boars and gilts sired by Goliath. Spring boars and gilts by Joseph by Top Notch. Fall boars and gilts by Joseph. The dams of this offering are a choice lot of Byrns Corrector, Chief Jumbo, Meddler's Dream, Pan I See, and Black Chief sows. Every animal in the sale will be in just the right condition to make good as a breeder, and we feel sure our offering will appeal to breeders wanting a combination of size and quality. Bids sent to W. J. Cody or auctioneers in our care will receive careful attention. Write us at once for catalog. Mention Kansas Farmer. We have no mailing list.

**LOMAX & STARRETT Station D, St. Joseph, Mo.**

Auctioneers, T. E. Deem, Charles Foster. Fieldman, W. J. Cody.

# LAMER'S PERCHERON STALLIONS AND MARES

I have just returned from France with 60 head of Imported Percheron Stallions, and I have fully demonstrated at the different state fairs and shows that I have exhibited, that I have the kind that are unexcelled. In fact, my exhibit was the talk of the shows. More weight, more conformation, more action than you ever saw in one barn.



My winnings at the Oklahoma State Fair were as follows: Grand championship on Kaballand, a 2-year-old; first on aged stallions; first, second and third on 3-year-olds; first and fourth on 2-year-olds; first on yearlings; first and second on grand display of four animals, either sex; first and second on five best studs. In Percheron Society Stallions, I won first and second on five best stallions, first championship stallions, open class.

French Draft—Second on aged horses; first and second on 3-year-olds; first, second and third on 2-year-olds; first on four animals, either sex, in grand display; first on five best stallions.

On Belgian—Second in aged horses; second in 3-year-old; first on 2-year-olds.

My winnings at the American Royal were as follows: Grand championship on Percheron stallions; first on aged horses; second on 2-year-old; third on yearlings. Percheron Society Specials—Championship stallions, open class. I also won the \$100 trophy sent by the Percheron Society of France to the American Royal for the best stallion exhibited.

French Draft—Grand championship; first on aged horses; first on 3-year-olds; first, second and third on 2-year-olds; first on five best stallions.

Now, if you are in the market for a first class stallion, the kind that you will always be proud of, one that will start the foundation of a family horse, that you will be remembered by your great-grandchildren, come to Salina, Kansas, and look through my barn, for I am positive that I can show you more bone, more foot, more weight than any man in the business. Write or come today.

## C. W. LAMER & CO. SALINA, KANSAS

# HUDSON'S BIG POLAND SALE

### AT STEWARTSVILLE, MO.

## Friday, Nov. 8th 1912

Fifty head of strictly big-type Polands, 22 big high-class fall boars, 14 big growthy fall gilts, 12 outstanding spring boars, two extra good spring gilts, and one tried sow. The fall boars and gilts in my offering were all sired by my herd boar, Hadley's Special, by Big Hadley's Likeness, by Big Hadley. The spring boars and gilts by Hadley's Special, except a few by Missouri Star. The offering is out of such dams as Bessie Bell 125463, by Whats Ex., by Expansion; Bell's Colossus 148025, by Colossus; Lady Bell 141551, by Bell Metal, by Expansion; Golddust Queen, by Golddust Hadley; Mo. Capitol, by Gold Metal, and daughters of these great sows. The offering will be in good growthy condition, not overfatted, just right to make good as breeding stock.

Write me at Hemple, Mo., for catalog. My offering will interest breeders wanting big high-class boars. Send bids to fieldmen or auctioneers in care of W. D. Trou, Clerk of Sale, at Stewartsville, Mo. All bids will receive fair treatment.

### WAYNE HUDSON

### HEMPLE,

### MISSOURI

Auctioneers—Dan Gibson, Thos. E. Deem, Warren Berryman.  
Fieldman—W. J. Cody.

### FIELD NOTES

**Davis Held Postponed Sale.**  
The J. B. Davis postponed sale, held at Fairview, Kan., October 22, resulted in low prices, as postponed sales nearly always do. Had Mr. Davis drawn a good day on October 11 he would have held one of the best sales of the season. But rain interfered, and he was obliged to put off the sale to a future date, as already stated. The offerings of Red Poll cattle and Duroc Jersey hogs was high class and deserved much better prices than was received. A list of the cattle sales follows:  
No. Buyer Price.  
1.—R. C. Brownlee, Golden, Mo. \$67.00  
2.—Wm. Schenkelfeger, Morrill, Kan. 75.00  
3.—Geo. Kerr, Sabetha, Kan. 72.00

4.—Geo. Kerr 70.00  
5.—R. C. Brownlee 82.00  
6.—Wm. Schenkelfeger 41.00  
11.—Geo. Kerr 40.00  
12.—Geo. Kerr 36.00  
8.—John Kerr, Fairview, Kan. 50.00  
10.—John Kerr 37.00  
13.—John Kerr 57.00  
14.—Wm. Bestwick, Fairview 76.00  
18.—O. S. Ashley, Sabetha 61.00  
15.—R. C. Brownlee 50.00  
16.—John F. Harkendorf, Varden, Neb. 57.00  
17.—R. C. Brownlee 40.00  
The Durocs sold at prices ranging from \$15 to \$58, and were bought by the good farmers and breeders of Brown and adjoining counties.

**Winchester Guns and Ammunition.**  
The first choice of experienced hunters. Name over the prominent hunters and explorers and inquire what guns and ammu-

nition they use, and you will find that most of them use the famous Winchester guns and ammunition. Why is this? Are such experienced men actually by sentiment in buying their shooting equipment? No! they want guns and ammunition that they know can be depended upon, and in making such a choice lies the reason for much of their success. They select Winchester guns and ammunition because they know they are absolutely reliable. Then, made in calibers and sizes for all kinds of shooting, which gives a full range of selection. Another point about Winchester guns and ammunition is they are moderate in price, although unsurpassed in material, workmanship and finish. The oft-used expression, "Shoots like a Winchester," indicates the general opinion held of Winchester fire arms. It should be a guiding stone in selecting an equipment for fall hunting.

**Noll Had Good Offering.**  
John W. Noll, of Winchester, Kan., held his first public sale at his farm near town Tuesday, October 22. The offering of 30 head of boars was the best of the season for this part of Kansas. The gilts were hardly as good, but still reflected great credit upon Mr. Noll as a breeder and connoisseur. The demand was only fair, but for this year the prices received, while low for such an offering, was quite satisfactory, for a man like Mr. Noll takes conditions as they are and not as he would have them if we had our say. Lon Asbury, of Easton, bought boar No. 1 for \$82, this being the top of the sales. Other representative sales were as follows:

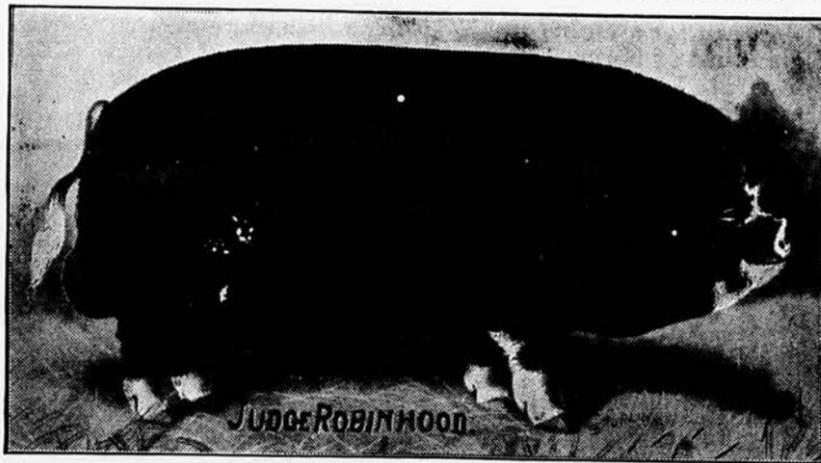
No. Buyer	Price
2.—E. W. Sanders, Easton	\$26.00
3.—T. G. Shearer, Winchester	30.00
5.—Tony Haas, Winchester	24.00
4.—John Omara, Easton	25.00
7.—J. W. Miller, Winchester	35.00
9.—Tom Adamson, Easton	25.00
36.—B. Noll, Winchester	28.00
11.—Francis Carter, Winchester	25.00
12.—Frank Timpe, Easton	23.00
14.—Neal Curry, Winchester	26.00
41.—E. Schmiedling, Easton	40.00
44.—Barney Mavra, Easton	35.00
52.—H. E. Walter, Edingham	35.00
46.—Albert Doman, Winchester	35.00

**One Hundred Head Berkshires.**  
C. E. Sutton of Leavenworth, Kan., has built up a valuable, as well as profitable herd of Berkshires as one will find in several days travel and on November 15, he will sell 100 head at the Sutton Farm. Mr. Sutton has been breeding to develop his ideal type of Berkshires, the lengthy kind with strong arched back, an ideal head and ear, and plenty of bone. In order to produce this kind of a hog he has placed at the head of his herd Duke's, Bacon 8th, a show boar that was champion at Kansas and Oklahoma

little appetite. This is usually the after effect of a continued term of heavy feeding, and is, of course, a setback to the feeder, because it extends the cash outlay for grain. Besides, it may mean the loss of the very best market. Now Dr. Hess Stock Tonic prevents this loss of appetite, and consequently pecuniary loss, by keeping the animals' digestive organs in a vigorous and active condition, regardless of the amount of feed consumed. As a doctor of medicine would say, it gives 'tone' to the digestive organs—makes them stronger and better able to bear the continued strain which the feeder is putting on them. Certainly, Dr. Hess Stock Tonic is a great help in making beef or milk. Probably, if the question were asked, nine out of ten successful feeders or dairymen would attribute their plethoric bank accounts to the use of Dr. Hess Stock Tonic. Dealers are reporting a great demand for this tonic, the more so as it is well known to be a guaranteed preparation.

### Vaccinating By Double Process to Prevent Hog Cholera, a Success.

We hog raisers around Medicine Lodge think we know something about vaccinating hogs to prevent cholera. We had our full share of cholera one and two years ago. All the large bunches around here owe their existence to vaccination. I know my bunch does, and I have over a thousand head now, mostly shoats and pigs all my own raising. I could give you the names of 20 or 30 of the leading hog men around Medicine Lodge who vaccinated their hogs by the double process, and went right ahead with their hog raising. We do not fear another outbreak of cholera, for we know we can handle it. The main thing is to get a good, reliable vaccine. In selecting this, get the best on the market, regardless of price. After obtaining this, any careful person who understands the hog business can administer the vaccine, provided he uses instruments that are absolutely clean and have been sterilized by boiling in a porcelain vessel. I vaccinated my first bunch of 300 head December 14, 1910. The cholera at that time was only two miles away. Since then I have vaccinated thousands under almost all



Fairs, 1912. Judge Robinhood, No. 157,000, one of the greatest breeding boars of the breed. Mr. Sutton has used some of the best sires in his herd that could be bought, and the blood lines are strong in the Berryton Duke and the Robinhood families. The sale offering will consist of 35 tried brood sows of the best breeding, 15 head of which will have litters at side by sale day. A number of fall and spring gilts that are fine prospects and that were winners in the show herd are included in the sale and all the herd boars and a number of fall yearling and spring boars will also be offered. The catalogs are ready to mail out, and contain a complete description of the herd. Don't fail to send for one. It will be worth your time to read it. Read advertisement in this issue and mention Kansas Farmer when you write.

**Klein Made Public Sale.**  
L. E. Klein held his regular annual fall sale at his farm near Zeandale, Kan., on October 24. The offering, as a whole, was the best Mr. Klein has ever presented. The crowd in attendance was large, but did not fully appreciate the offering. Prices ranged low. Everything considered, they should have brought a great deal more money. The hogs were offered in nice breeding condition, but lacked fat which, in a measure, may have accounted for the low figure at which many of them sold. The bulk of the sales were around the \$25 mark, with sales up to \$45. Following are representative sales:  
No. Buyer Price.  
3.—C. W. Emmons, Manhattan \$25.00  
4.—W. G. Strasser, Zeandale 20.00  
6.—Morgan & Strasser, Zeandale 20.00  
11.—C. J. Huggins, Wamego 25.00  
9.—Louis Klein, Zeandale 35.00  
—A. E. Wingate, Manhattan 31.00  
16.—Robert Enlow, Manhattan 24.00  
24.—A. E. Wingate 24.00  
31.—W. R. Yenawine, Manhattan 20.00  
33.—Gus Reiser, Manhattan 25.00  
40.—James Timmins, Manhattan 25.00  
32.—Walter Morgan, Zeandale 32.00  
44.—E. C. Logan, Beloit, Kan. 45.00

**How Farmers Become Prosperous.**  
Drs. Hess and Clark of Ashland, Ohio, have written a letter, of which the following is a part: "Dr. Hess Stock Tonic has worked a revolution in the live stock branch of farm industry. It has eliminated the elements of chance, and placed the feeding business on a solid basis that insures success. This statement may seem an exaggeration or beyond reason to the reader unacquainted with the article in question. None the less, it is true, and backed by the experience of thousands who, by its use, have changed a disheartening struggle for livelihood into a joyous jaunt down 'easy street.' Do you want to know what Dr. Hess Stock Tonic is and how it helps the cattle feeder? First, then, we'll say what Dr. Hess Stock Tonic is not. It is not a ration, like cornmeal or bran; neither is it fed as a ration or intended to take the place of a ration. Everyone experienced with cattle knows that at times they show very

conditions and all ages, even as young as 2 days old, and then again hogs that would weigh 500 pounds. In warm weather I vaccinated pigs as young as 2 days old to clean up a job. I gave them 10 centimeters serum and 1/2 centimeter of cholera blood. For pigs 4 weeks old, I gave 17 or 18 centimeters serum and 1 centimeter cholera blood. Pigs old enough to wean get 20 centimeters serum and 1 centimeter cholera blood. This is double process vaccination, and this makes them immune for life.

If the dose of cholera blood was left out it would be single process vaccination, and they would be immune 30 to 60 days, or as long as the serum remained in the system in sufficient quantity. You see, the hog must have the cholera infection in connection with the serum to make him immune for life. I find hog raisers over the state are not well informed on the subject. Therefore this article. In some localities hogs have died after being vaccinated, and in other places I am told vaccination did not protect against cholera. This condition can generally be traced to cheap serum, or perhaps it was not serum at all. It is said that some of the vaccine companies put their product on the market without taking time to test it, and some operators allow it to spoil after they receive it.

We have a good state law now that protects Kansas hog raisers from vaccine companies whose product does not come up to a required standard, and I think a farmer should insist on knowing where the serum comes from, when it was shipped and how it is being administered to his hogs. There are no secrets about the business, and I advise anyone interested to visit the different vaccine factories and personally investigate their methods.—J. J. CLARK, Medicine Lodge, Kan.

Note.—Mr. Clark has been remarkably successful in the treatment and raising of his hogs, and his experience is valuable to all.

# COMBINATION SHORTHORN CATTLE SALE

AT OTTAWA, KANSAS

Wednesday, Nov. 13th 1912

**FORTY HEAD**—Cows, Bulls and Heifers, including part of the C. S. NEVIUS SHOW HERD; 20 cows with calves at foot and bred again. All the young heifers will drop calves soon. Some of the most noted Scotch families are represented in this offering. A number of heavy milking cows that are regular breeders. Ottawa, Kan., is on the Santa Fe and Mo. Pacific railways. Good shipping facilities to all points. Send for a catalog, and arrange to attend, as this is a useful lot of breeding cattle. The contributors to this sale are C. S. Nevis, Chiles, Kan.; H. H. Holmes, Great Bend, Kan.; Burkey Bros., Louisburg, Kan., and George Wedd & Son, Spring Hill, Kan. For catalog, apply to either of above or write C. S. Nevis, at Chiles, Kan., who is manager of sale. O. W. Devine will represent KANSAS FARMER.



**C. S. NEVIUS,** Sale Manager, **CHILES, KANSAS**  
AUCTIONEERS—COL. R. L. HARRIMAN, COL. JOHN D. SNYDER.

Type of Shorthorns Bred by H. H. Holmes, Great Bend, Kansas

THE OHIO KANT BE BEAT AND LADORE WONDER SALE  
OF

## DUROC JERSEYS

DENNIS, KANSAS, NOVEMBER 12th 1912

FORTY HEAD.

FORTY HEAD.

BY THESE TWO GREAT SIRES. ALSO A FEW BY COLONIAL COL. AND BUDDY'S PRIDE.

A few fall yearling sows—dams by Higgins Model and Inventor—will be bred to Colonial Col. One young brood sow by Buddy K. IV, dam Wonder's Model Girl. Twenty spring gilts and fifteen extra good boars, dams by Ohio Chief, Model Chief, Billie K., Inventor, Buddy K. IV, Red Advance and Colonial Col.

Breeders entertained at Kimball House, Parsons, and Florence Hotel, Cherryvale. Morning trains and interurban cars to Dennis.

**LANT BROS.**

**DENNIS, KANSAS**

O. W. DEVINE, Fieldman. FRANK J. ZAUN, Auctioneer.

WALES' POLAND CHINA SALE AT PECULIAR, MO., THURSDAY NOV. 14, '12



60 HEAD THE BEST IN MY HERD

TEN SPRING BOARS—SEVEN SPRING GILTS—TWENTY-TWO FALL YEARLING GILTS—THIRTEEN FALL YEARLING BOARS—ONE HERD BOAR, PANOROMA'S SON, AND SEVEN TRIED BROOD SOWS.

The 10 spring boars are sired by Wales' Missouri King and Panorama's Son. The 22 fall yearling gilts are also sired by Wales' Missouri King and Panorama's Son, and out of sows by such boars as Big M. O. Chief, Blain's Wonder, Graniteer, by Expansion, Expansion's Son, Hadley's Model, by L. S. Hadley. The spring gilts and the fall gilts are large and smooth. They will suit the most critical buyer, and make good in any herd. The fall yearling boars are large, stretchy fellows—just right for heavy service. They are not fancy or fat, but in good breeding condition. We invite breeders and farmers to attend. My catalog is ready to mail out. Send for one, and if you can not attend, send a bid to O. W. Devine, representing KANSAS FARMER, in my care. He will buy for you and treat you fair. Remember, the date is NOVEMBER 14. Everybody invited, and will be welcome, whether you buy or not. I will be glad to have you spend a day with me. Catalogs are ready. Don't fail to send for one.

**HARRY WALES,**

**PECULIAR, MISSOURI**

AUCTIONEERS—COL. JAMES W. SPARKS, COL. ANDY JAMES.

LOBAUGH'S ANNUAL

## BIG TYPE POLAND CHINA SALE

IN SALE PAVILION

AT WASHINGTON, KANSAS, SATURDAY, NOV. 9

45 HEAD OF SELECTED INDIVIDUALS—20 SPRING BOARS—1 TRIED SOW—5 FALL YEARLING GILTS—19 SPRING GILTS.

The tried sows and fall gilts will either be bred or sold with breeding service to our great young boar, "Orange Lad," by Big Orange, his dam a Pawnee Lad bred sow. Nearly all of the spring and fall gilts, also the boars, were sired by "L's Mastiff," by King Mastiff, the first prize and champion boar at Nebraska State Fair two years in succession. Others are by L's Hadley and Big Look. The dams of the offering are sows mostly sired by the splendid breeding boar, Kansas Ex., by Expansive. One litter out of a sow by Choice Goods, another prize winner at Nebraska State Fair; few out of a sow by Gold Metal, etc. Write now for catalog. Send bids to fieldmen.

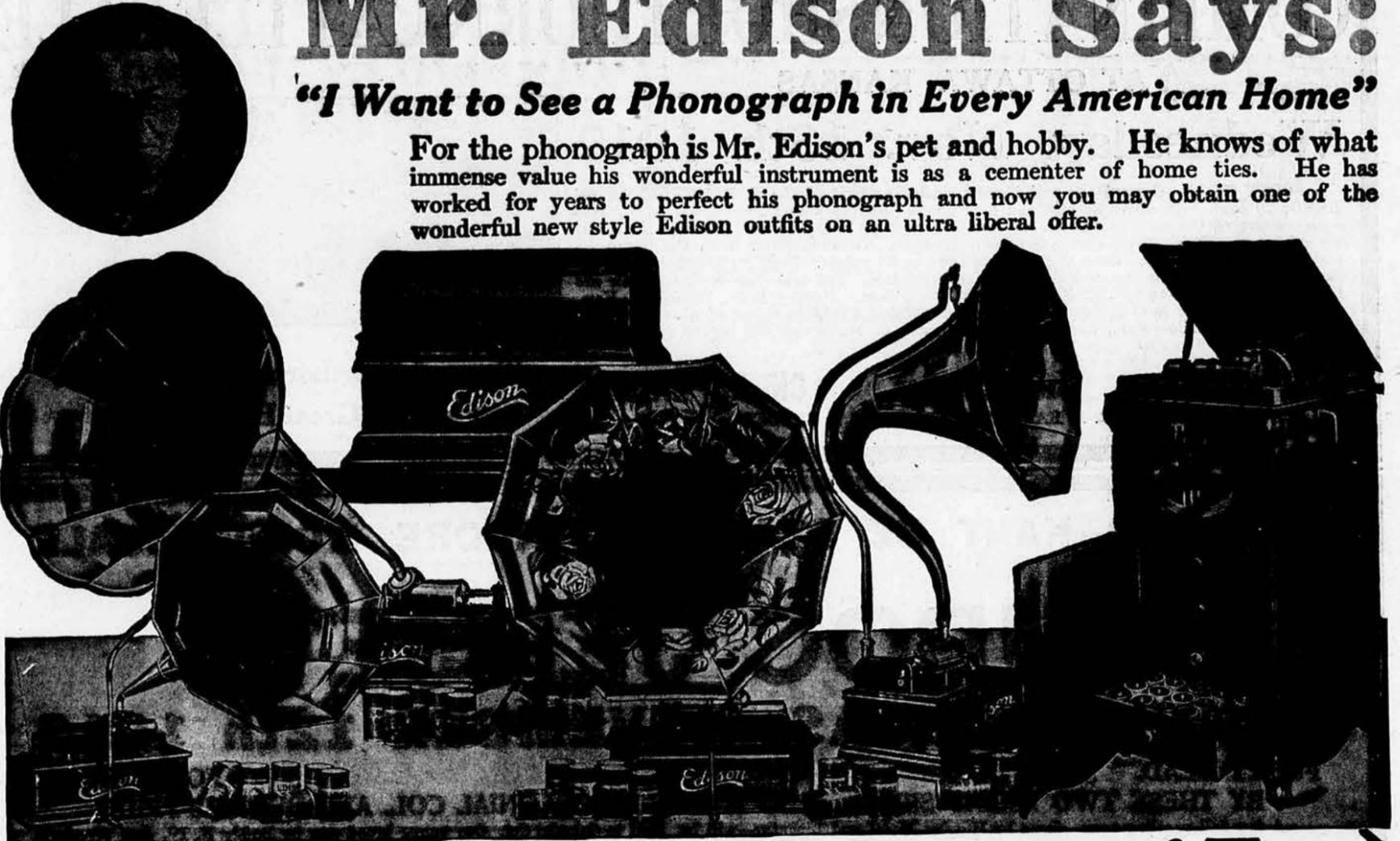
AUCTIONEERS—JAS. T. McCULLOCH, J. B. LEWIS. FIELDMAN—JESSE JOHNSON.

**A. C. LOBAUGH,** Washington, Kansas

# Mr. Edison Says:

**"I Want to See a Phonograph in Every American Home"**

For the phonograph is Mr. Edison's pet and hobby. He knows of what immense value his wonderful instrument is as a cementer of home ties. He has worked for years to perfect his phonograph and now you may obtain one of the wonderful new style Edison outfits on an ultra liberal offer.



**We Will Send You Direct Your Choice of These Wonderful New Style Edison Phonographs on a Simply Remarkable Offer. Read Below.**



## Endless Fun and Merriment

**YOU** can not imagine, no you can not imagine the endless fun and merriment that you and all your friends will enjoy when you get the Edison into your home. You must have it first—right in your parlor—right on the table there—and hear it sing and laugh and talk and play—then you will understand!—then you'll know what you have missed so far. Give your family the benefit of this king of entertainers—it will transform your home. To appreciate the infinite variety of entertainers read the description of Amberol records in our new catalog (new catalog is free.) Read how you can get the finest music of Europe and the funniest vaudeville of New York; the dear old sacred hymns and the cathedral music of Paris and Rome. Do not fail to send for the free catalog.

## Happiness for All Your Family!

Fathers, mothers, children, friends—all laugh till the tears stream down their faces from laughing at the funniest of funny minstrels. Then you play one of the grand opera records—they sit awestricken by the wonderful singing of the world's best music by the world renowned artists. The crashing martial music of the band comes next—then the sweet harmony of the quartette, pealing organs, solos, duets, violin and piano concerts, all make up the evenings entertainment. **The home is made the happiest place on earth.** The united family, bound together with the strong ties of a common interest, spend their evenings together around family the hearthstone. **The boys, and the girls, too, stay at home under the guiding, loving eyes of their parents.** A happy united home results. A happy home—the dearest, sweetest words in all the world.

## The Edison Offer: Read!

**Rock-Bottom Price Direct:** We will let you have one of these new style Edison Phonographs with all the new improvements, warranted the finest talking machine ever produced, at the very rock-bottom price—about one fourth—yes one fourth the price of inferior imitations. *A highest grade talking machine now placed within the reach of all.*

## \$2 a Month to Keep It!

And while getting this same rock bottom price, we will let you have it on easiest monthly payments—from \$2.00 to \$4.00 a month or more. We want everyone to have a new style Edison Phonograph in the home and we figure that \$2.00 or \$3.00 or \$4.00 a month is so easily saved, so easily spared, that no man will refuse this great blessing (yes, this great blessing) to his family.

**Discount for Cash** We are, of course, selling hundreds and hundreds of phonographs to those who prefer to pay cash. And we want these people to buy, too. But having made the very rock bottom price to all, we are positively unable to allow any further discount for spot cash; so please don't ask it.

## And a Free Trial First

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