

Lillian

J. H. Smith

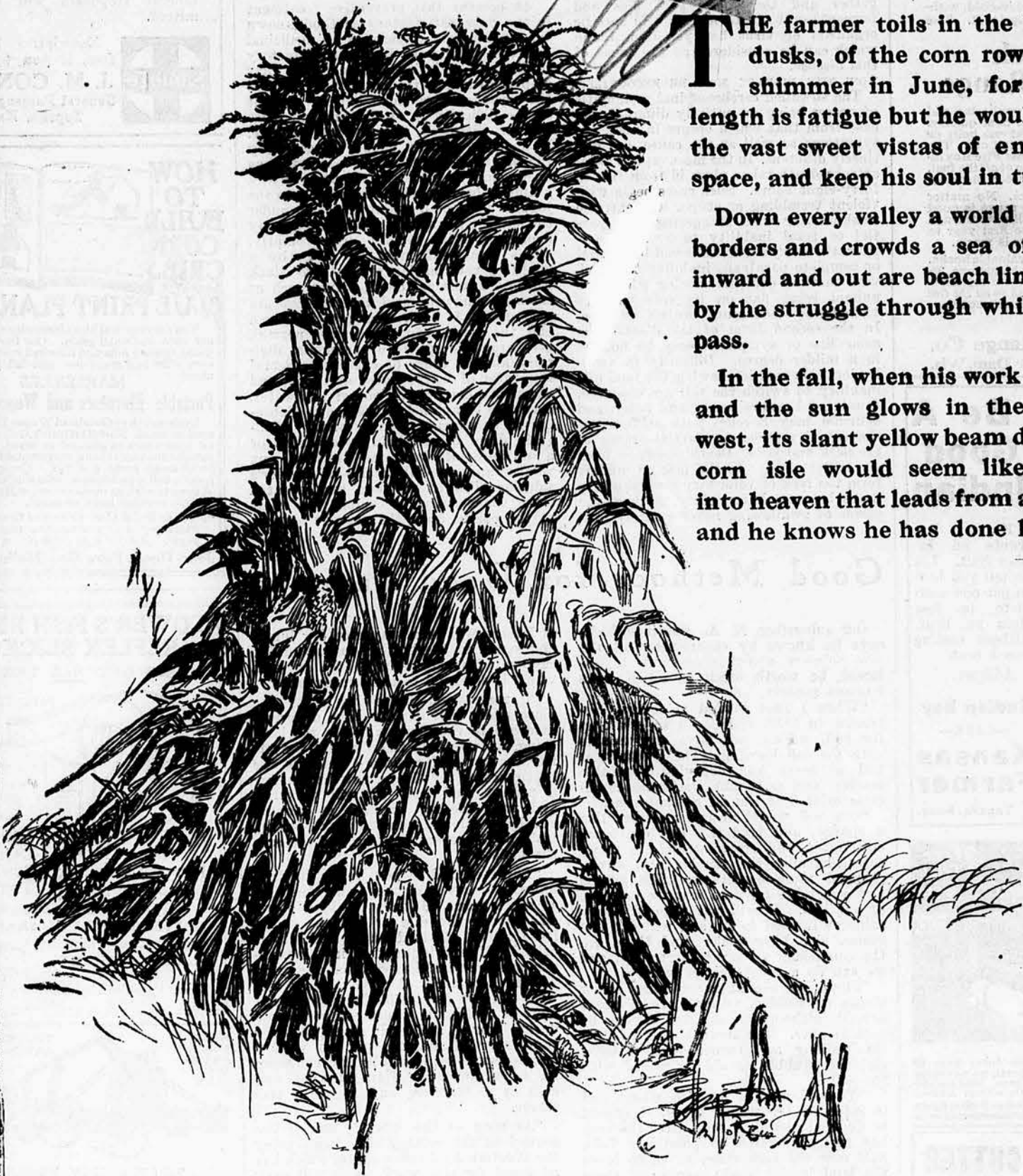
# KANSAS FARMER

For the improvement



of the Farm and Home

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**T**HE farmer toils in the braided dusks, of the corn rows that shimmer in June, for their length is fatigue but he would face, the vast sweet vistas of emerald space, and keep his soul in tune.

Down every valley a world of corn borders and crowds a sea of grass; inward and out are beach lines worn by the struggle through which they pass.

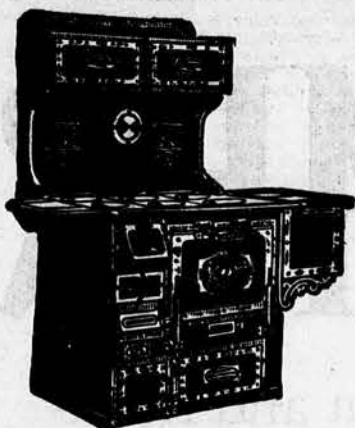
In the fall, when his work is done and the sun glows in the golden west, its slant yellow beam down the corn isle would seem like a lane into heaven that leads from a dream, and he knows he has done his best.

— I. D. G.

*Kansas' Fame Rests Upon Her Wheat; Her Prosperity Upon Her Corn*

*Reprinted by request of many subscribers.*





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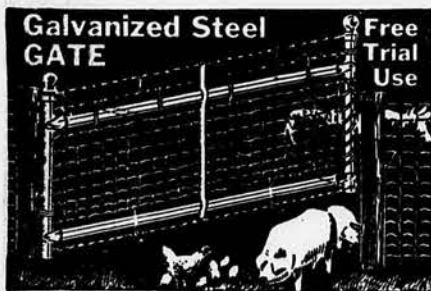
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# Forage Poisoning or So-called Cerebro-Spinal Meningitis of Horses

UNITED STATES DEPARTMENT OF AGRICULTURE

During the last five months numerous reports have been received by the Bureau of Animal Industry relative to the existence of forage poisoning in various sections of the United States, particularly in Louisiana, West Virginia, Kansas and Nebraska. It has usually occurred when a hot, dry period has been followed by rains, or during wet seasons, especially those which are characterized by frequent rains, alternating with hot sunshine, producing a damp, sultry atmosphere. Such conditions are most favorable to the production of molds, and all outbreaks that have been investigated by the Bureau have been traced to the eating of unsound or moldy forage or feed, or to the drinking of water from wells or pools containing surface water drained through decomposed and moldy vegetation. The disease has been shown to be also due to eating damaged ensilage, hay, corn, brewers' grains, oats, etc. Horses and mules at pasture may contract the disease when the growth of grass is so profuse that it mats together and the lower part dies and ferments or becomes moldy. No specific organism or virus has yet been found which can be considered as the cause of this disease.

### HOW THE DISEASE MAY BE RECOGNIZED.

The so-called cerebro-spinal meningitis of horses being an entirely different disease from that which occurs in man, the symptoms as well as the cause, are distinctly different. In the most rapidly fatal attacks death takes place in from five to forty-eight hours. Such cases begin with violent trembling or stupor, extreme weakness, or with staggering, partial or total inability to swallow, impairment of eyesight, followed by partial or complete paralysis, inability to stand, with marked delirium, during which the animal lying flat on its side becomes violent and knocks and bruises itself. In the second form of the disease, the same line or symptoms may be noted in a milder degree. Difficulty in swallowing, slowness in chewing the food and inability to switch the tail are observed. Breathing becomes heavy and noisy, and delirium may develop with stiffness of the spinal muscles or partial cramp of the neck and jaws. Death occurs in from six to ten days. In the last or mildest form the lack of voluntary control of the limbs becomes but slightly marked, the power of swallowing never entirely lost,

and the animal has no fever, pain or unconscious movements. In those cases which get well the animal generally begins to improve about the fourth day and goes on to recovery. One attack does not protect against a second attack, as horses and mules have been known to have the disease two or three times.

### HOW THE DISEASE MAY BE PREVENTED AND TREATED.

The first principle in the treatment of this disease consists in a total change of feed and forage. Horses kept in the stable should be fed with sound forage and grain from an uncontaminated source, even if such feed has to be brought from a distance. Horses that have become affected while at pasture should be removed from the field in which they have been running. The animals should be brought to the barn or corral and fed on wholesome and clean feed and forage. The water, unless from an unpolluted source, should likewise be changed.

At present this preventive treatment is the only satisfactory method known for checking the disease, as all medicinal remedies used have been unsatisfactory in the vast majority of cases. The first step is to empty the bowels and remove the poisonous products, but on account of the difficulty in swallowing, an aloes ball or Glauber's salt is hard to give. In fact, no remedy should be given by the mouth if the throat is paralyzed, as pneumonia is liable to result. Fifteen grains of barium chloride injected into the jugular vein, or 2 grains of eserine under the skin, if the animal is not too greatly depressed, will usually act promptly. (This treatment must be given by a qualified veterinarian only.—Live Stock Editor.) Intestinal disinfectants such as calomel, salicylic acid and creolin are also used. If such weakness is shown and the temperature is below normal, give aromatic spirits of ammonia, digitalis, alcohol, ether or camphor. Rectal injections of warm water are good, and warm blankets wrung out of hot water, may also be applied to the body. Subsequent treatment should consist of 2-grain doses of strichnin twice daily, or a mixture of 2 drams tincture nuxvomica and one-half ounce of Fowler's solution given at one dose, and repeated three times daily, to combat the effect of the poison upon the nervous system.

## Good Methods for Good Farming

Our subscriber, M. A., Hastings, Neb., says he knows by experience that the few pointers given below will, if followed, be worth much to all KANSAS FARMER readers:

"When I first settled in central Nebraska, in 1872, and began to break up the soil, we did not have any trouble with the soil blowing. The ground was full of roots and decaying vegetable matter, and no doubt the same conditions existed in Kansas at that time.

"Our soil would absorb moisture like a sponge, and hold it. But continued cultivation and cropping and, in many cases, burning the stubble and straw, changed these conditions. The humus and vegetable matters are worked out of our soil. It will not take in heavy rains as it used to do, and will dry out easier, also blow easier, and these are the conditions we want to remedy, and we can do a great deal if we try.

"First, we should never burn straw stacks or stubble, as both are of great benefit, although it can not always be seen at once. The straw should be used for bedding and turned into manure, and the stubble should be mixed with the soil.

"Where land has been in wheat and is intended for wheat again, it should be doubled disked as soon after the crop has been harvested as possible. Take half new cut each time, so as to leave the land level. Next, harrow; if there are any lumps after the disking, this work will mix the stubble with the top layer of dirt and pulverize it well. It will preserve any moisture that the subsoil might contain and if rain comes, the land is in the best shape to retain it.

"The land is now in good shape to plow, and do not plow too shallow. The top part of the plow furrow turned under is pulverized, the stubble mixed with it,

and there will be no layer or dry lumps and straw in the bottom to cut off the capillary attractions from the sub-soil, which is essential to the coming crops.

"I recommend harrowing after the plow, every half day, or have a harrow attached to the plow, which is the ideal thing, and then use the Western pulverizer, packer and mulcher, which is the best machine that I ever saw for making a perfect seed bed. It will pulverize and pack the soil as deep as plowed, and leave a loose granular mulch on top, which will prevent blowing and preserve the moisture.

"The seed bed is now ready to drill, unless a heavy rain packs and crusts it, or weeds start. It must be kept down, either with the disc or harrow, and a loose mulch retained on it, until it is drilled. If land is prepared in this manner, use one-third less seed, or else grain will be too thick. Drill land east and west as much as possible, and it will not blow as easily. If wheat can be dressed during winter and early spring with a thin layer of manure, put on with a manure spreader, it will be of great benefit as a preventive from blowing, and also as a fertilizer and moisture preserver.

"As soon as the frost is out of the ground in the spring, roll wheat, using the Western land roller again, which has no equal for this work, as it will pack the top soil and break the crust, if any, and form it into a granular mulch which will prevent blowing, and the benefit to the wheat can be seen plainly in two or three days.

"I realize that a great many will say, we can not get time to do so much work on our land, but will it not pay better to farm less and get bigger crops? I believe that it will."

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# KANSAS FARMER

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#### CROPS AND PROSPERITY.

Perhaps the Department of Agriculture is an optimist. At any rate, it has issued a statement of the aggregate value of the crops of continental United States which is staggering in its immensity. According to these figures the aggregate value on the farm of the seven principal crops of 1912 is nearly \$5,000,000,000. In this aggregate, corn stands at the head with a farm value of \$1,710,000,000, while wheat, which is thought to be one of the great crops, has a value of only a little over one-third that of corn, or \$675,000,000. Hay is credited with \$765,000,000, and cotton with \$743,000,000.

It is stated in one of the large financial papers of the country that this is the first season in 50 years when business conditions have not been disturbed by the agitation arising from the election of a President. According to these figures and statements, the country is in splendid shape, and contentment should reign in the hearts of our citizens, especially those of the farmers.

But there is another side to this question. It is a generally accepted belief that the higher prices resulting from short crops are a full compensation for any loss which may have been sustained through low prices arising from bountiful crops. The facts are that the business of this country today in practically all lines is characterized by a large volume instead of large profits. During the years of short crops the farmers realized larger prices, but this does not compensate for large crops. What they have to sell brings more money, but the quantity is limited, and the great masses of the people of the country have less ability to buy. Prosperity is founded upon large crops. Pounds of beef and pork and bushels of grain determine our prosperity for both producers and consumers. Even if the total returns from a large crop at a low price were the same as those from a small crop at a high price, the other conditions would not be the same, and prosperity would appear in the large crop year only. It is the prosperous condition of the largest number of people that is to be desired for the good of all. This is attained only when there is a plentiful supply of food and clothing to be had without exchanging the last dollar that can be earned to obtain them. If the estimates on the crops of 1912 are accurate and their value does actually prove to be 11 per cent greater than those of 1911, the producers may actually get more for what they have to sell, but they are also consumers and must pay more for what they have to buy. The producers will be better able to pay more money for what they purchase, but this will not apply to the millions included in the mercantile, professional and laboring classes who are consumers only, and not producers. The big need of the United States today is more pounds of beef and pork and more bushels of grain to the acre, and not more acres devoted to farming. Real prosperity in this country has its foundation in big crops.

The Wulfekuhler Bank, of Leavenworth, furnished cowpea seed, without cost, to a number of its customers who would agree to plow under a certain proportion of the cowpeas planted and thus give green manuring a trial. The peas have grown prolifically and the experiment promises a success, which will result in their use throughout the county for improving the soil.

The really progressive farmer is continually improving his buildings and equipment, the main idea all the time being to increase the efficiency of his farm and his labor. The size of the farm and the character of the farming done will control the extent to which buildings and equipment are provided. Whether the buildings are large or small or the equipment much or little, efficiency, which is the main thing to be sought, need not be lacking.

#### HITS ELEVATOR MEN.

It is charged by E. J. Smiley, of the Kansas Grain Dealers' Association, that inspectors for the Kansas Board of Health have held up carload shipments of grain because such grain contains more than one-half pound of weed seed per bushel and so is in violation of the Food and Drugs Act, with the enforcement of which act Dr. Crumrine is charged.

Crumrine's claim is that no wheat shipments have been held on account of an excess of weed seed or foreign matter, but that he has found good wheat mixed with an inferior and damaged stack-burned wheat in just such quantities as might pass the grade, and that he has taken steps to stop such practice. As the matter has come up, it does not concern the farmer directly, but concerns the grain elevators which, it is charged have long and continuously followed the adulterating practice above named. Dr. Crumrine's statement is:

"This department has not 'held up' or 'seized' any cars of wheat up to the present time, nor brought any action against any person in the state for selling wheat containing weed seed. Not a bushel of wheat, so far as we have any knowledge, but what has found a market, that has been offered for sale, and we have evidence from all over the state that the warnings sent to threshers and grain dealers have been instrumental in greatly improving the quality of the wheat in many places.

"This department is not concerned with the grades of wheat, but we are charged with the enforcement of the Food and Drugs Act, which, in Section 7 of the act, specifically prevents the mixing or packing in of grain of an inferior quality to good grain, 'so as to reduce or lower or injuriously affect its quality or strength.'

"Lest we be misunderstood, I want to say that the reprehensible practices above alluded to, of threshers and certain elevator men, represents but a small minority of the men engaged in this occupation; the great majority of them are in cordial sympathy and hearty support with the department in the provisions of the food and drugs law. The minority, however, seems to have enlisted the support of Mr. Smiley, who has 'declared war' on the Kansas food and drugs law, representing the interests of 1,700,000 consumers of the state."

Within 30 years in Kansas we have passed from free range to a price of \$6 per head for pasturing for the season. We are at once confronted with the fact that pasture is no longer cheap and that its high cost is entering into the cost of making beef. The higher the prevailing prices for land the higher will be the cost of pasture and the higher beef prices will be. It is necessary for the beef men to produce beef more cheaply than ever before, and to do that he must have a better animal, must make the land on which it feeds produce more per acre and his feeding methods must be strictly up-to-date. The man who buys stockers and who grows or buys the feed necessary to get the same ready for market must exercise a keener insight into his affairs than ever before.

Recently in an address we heard a man remark that this country needed more and cheaper labor. It is our judgment that we will not have more labor but that less labor is almost certain. It appears to us that relief must come along the lines of more personal supervision of farm work by the land owner, by better knowledge and practice of modern methods, by the use of more and larger and better farm implements and by the use of more power on the farm—whether that be more horses and mules or more engines. Also, by a readjustment of our farming methods so as to better distribute the work throughout the year. Think this statement over and if you disagree, write KANSAS FARMER editor, stating your points of disagreement.

#### OWNING AN AUTO.

There would seem from the outside to be no good reason why a farmer who owns a quarter section of good Kansas land and a bank account should not also own an automobile if his taste leads that way. It is true that there are many who would prefer a high stepping team of horses for their motor power and would really get more enjoyment out of their care and use than they would out of an automobile. But a large number, perhaps a large majority, would find the greatest pleasure in the automobile. The modern farmer is of necessity a machinist and the regulation and care of the automobile would be his first pleasure in its ownership. The fact that this machine practically obliterates distance and brings him hours closer to town, to church or to social gatherings, has a money value as well as a pleasure value, and most farmers who have acquired a competence in Kansas through their own efforts, are men who are approaching middle life or have already passed it. The years of hard work which lay behind them warrant them in looking forward to some relaxation of effort and some pleasure for pleasure's sake. Instead of sacrificing the old home ties, the keen interest in life and large share of the financial income by renting the farm and moving to town, the comparatively small investment necessary to the ownership of an automobile will enable the farmer to remain among his old neighbors, retain his position of independence and activity on the farm, keep his boys and girls at home and get even a keener enjoyment of the sights and scenes of town or city life than he could possibly do by dropping his old habits of life and the activities which serve to keep both mind and body alert, and moving to town where he has nothing to do but acquire a "grouch." It takes years to build up friendship, as well as habits, and, where these are good, it is neither satisfactory or safe to abandon them for new and untried ones. With the automobile belongs the good road, the improved appearance of the farm and a new lease of life to the farmer. There is nothing in modern invention which so belongs to the farmer as does the automobile unless, perhaps, it is the rural telephone and the rural free delivery. As a business investment, the automobile is more valuable to the farmer than to any other class of citizens except, perhaps, it be the physician.

#### SAVE THE SNAKES.

Ever since the days of Mother Eve it has been the instinct of mankind to kill every snake without inquiring as to its harmful or beneficent nature. It is taken for granted that any snake is a "varmint" and should be killed, when the facts are that exactly the reverse is true. There are only two harmful snakes in Kansas, and these are no longer numerous. The rattlesnake is easily avoided, and the copperhead, or its variety, the water moccasin, have become very scarce and may be easily identified on sight. While these two poisonous snakes do some good in the destruction of harmful rodents, they are too dangerous to be tolerated. All other snakes are beneficial and should not be killed. As a general proposition, the dangerous snakes may be easily identified by the short, thick body, the short, the jaw. Harmless snakes have narrow which is very broad through the base of the jaw. Harmless snakes have narrow heads and slender tails, the only exception being in the hog-nosed snake or "hissing adder," which is harmless, though it has adopted a protective form and coloration somewhat similar to the copperhead, but much duller in color. Bull snakes, blacksnakes, racers and garter snakes are all enemies of rats, mice and gophers, while the tree-climbing varieties do occasionally enjoy a feast of birds' eggs. This is their one lapse, and their destruction of vermin will much more than offset any harm they may do.

#### REAL EDUCATION.

Perhaps there is no question of more vital or general interest in these later days than that of education. The whole nation is aroused on this subject, and efforts are being made in every state and in most communities to determine just what are its essentials and wherein our present system fails of its greatest usefulness. That the present system does fail in many essential particulars is very generally admitted, as it apparently has for its one object throughout the entire school life of the youth of the country, a training for college, and that alone, there has grown up a great dissatisfaction with our whole school system.

An education has for its prime object the teaching of the pupil how to live. The first requisites of this life are a place to live, something to eat and something to wear. We cannot get away from this fundamental fact any more than we can get away from the necessary preparation for it. If this preparation is not afforded by the public school and the college, then it must be acquired elsewhere, because it is a vital necessity. As the control of the present school system and the outlining of the courses of study is almost exclusively in the hands of college men who have gained their own training under the old system, whose prime object was culture, it is not remarkable that our system is obsolete and its results ineffective. The men and women who have had vocational training are few in number, as compared with other college-bred people, and they are occupied in the vocations for which they were trained, and not in the teaching of our youth. Aside from the youth who attend the various agricultural colleges and technical schools, the great bulk of young people of the United States get very little in their school days which is of direct and helpful value to them in the necessary work of making a living.

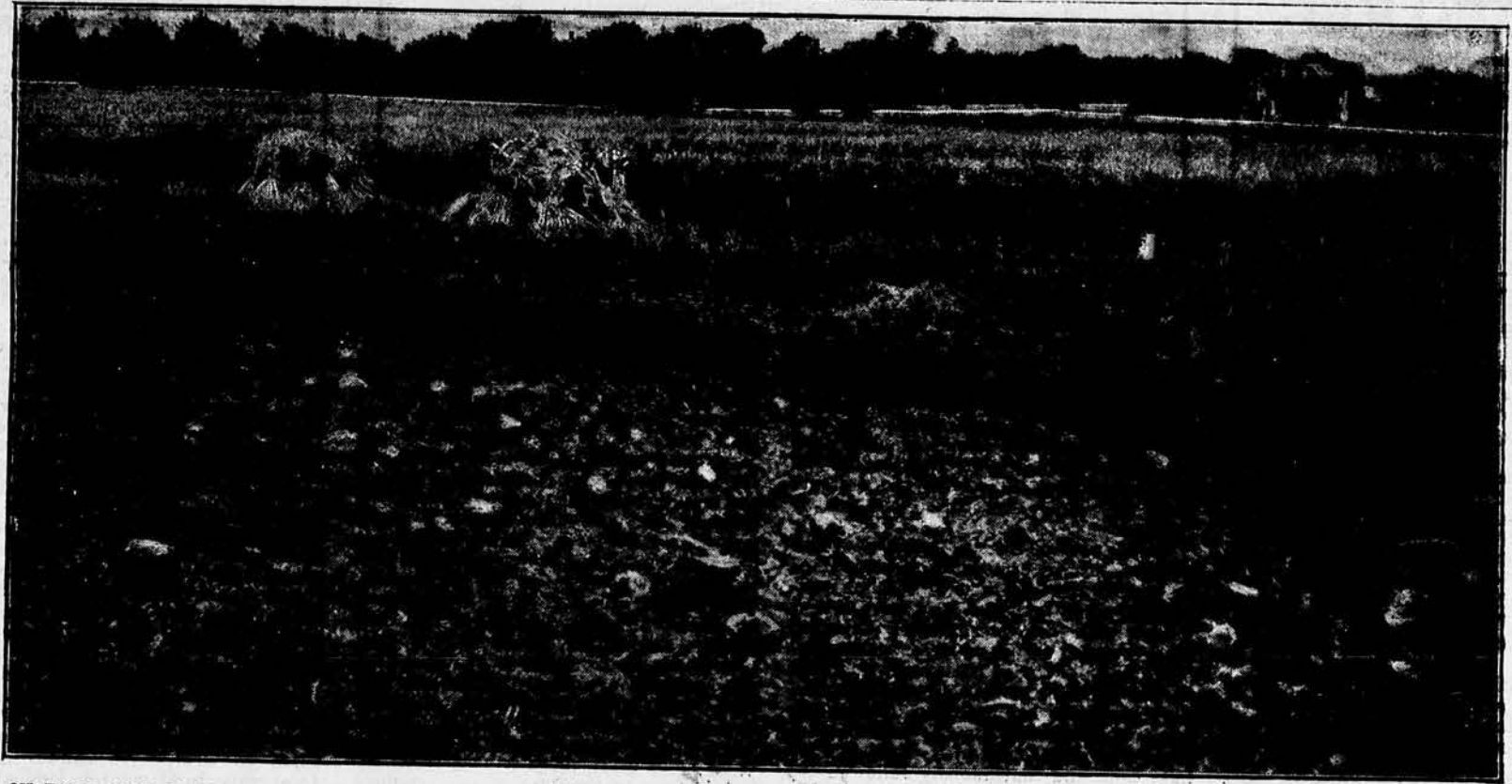
Culture is all right and to be encouraged in every way, but a man must eat, and the fundamentals of his training should be along this line coupled with, and followed by, cultural training. There is just as much culture and refinement to be obtained in the study of agriculture or domestic science as there is in the study of history or Greek, while agriculture or domestic science have a direct practical value which does not come from the study of the other subjects except in a limited way and in particular vocations. History teaches things as they were, and not as they are. We live in the present, and not in the past. Any training which is inconsistent with that which enables the man to earn his daily bread and butter is inconsistent with the true object of a school education, and when we remember that only about one student in three hundred ever goes to college, we must see that our system of education in the common school which has the college as its only goal, is faulty, to say the least.

Hundreds of cheap sheds of one kind or another will within the next few months be erected on Kansas farms for the protection of stock and machinery during the winter months. While these sheds will be temporary they nevertheless should be dry. A good roof goes a long way in making a good shed. We do not believe farmers generally have recognized the convenience of prepared roofing materials. These will furnish a cheap and good roof, and whether building permanently or temporarily, prepared roofing deserves consideration.

A thousand or more ways are every day prescribed by which the farmer can spend his money and practically everything recommended to him would be worth the money it cost. Unfortunately, most of us have limited pocketbooks. Therefore, in reading of the good things we ought to have it is necessary that we eliminate those which we can best do without, and buy those we need most and which will do the most good.



# GENERAL FARM INQUIRIES



ON FARM OF L. B. NICHOLS, BUFFALO, KAN., THE DISC FOLLOWED THE BINDER—THE PICTURE SHOWS THE DISKED GROUND IN THE FOREGROUND. IT APPEARS THAT THE SHOCKS HAVE BEEN SET IN ROWS, LIKE CORN SHOCKS, TO PERMIT THE DISC TO COVER EVERY FOOT POSSIBLE. DISKING KEEPS THE FIELD FROM DRYING OUT, WILL ENABLE IT TO TAKE OF THE WATER, MAKES THE PLOWING EASIER, AND IS REGARDED AS GOOD PRACTICE IN WHEAT FARMING.

A yield of 235.5 bushels of corn, full measure, and 195 bushels of dry shelled corn, is going some for North Carolina—a state whose soil so far as we in this country hear—is worn out. The acre on which this amount of corn grew was, of course, fertile. The fall before planting, it was given 10 loads of manure, which was plowed under to the depth of 18 inches. The same acre had been given eight loads of manure the preceding year. Here are three years' results: In 1909, plowed 10 inches deep and obtained yield of 67½ bushels; in 1910, plowed 12 to 14 inches deep and yield was 132½ bushels; in 1911, plowed 18 inches deep and yielded 195 bushels. The cost of corn in 1911 was 24 cents per bushel, including every item of expense. This was the achievement of C. W. Parker, Jr., in a boys' corn contest.

#### Filling Silos at Different Times.

Answering subscriber, J. J. R., Crestline, Kan.: "You can fill your silo one-half or two-thirds full now, and later—within three or four weeks; or, for that matter, at any later date—finish filling. You should be especially particular in having the silage you now put in, thorough tramped. This for the reason that if the silage is only 12 feet deep it will not settle and pack so well of its own weight as if the silo were filled and the silage 20 or 24 feet deep. Consequently, thorough tramping is necessary to preserve this first filling in good condition. It is altogether likely that between the time of the first filling and the time of the second filling you will find 6 or 8 inches of spoiled silage on the surface of the first filling. This should be thrown out before you begin filling the second time. The same caution with reference to tramping will apply to the second filling, for the reason that this will not settle so well as if the freshly cut silage were deeper. The same principle will hold in this case as has been above stated regarding first cutting."

#### Good Milk Obligatory.

Chicago is having an awful time with its milk supply for the babies of that city. The milk from the usual sources of supply is so poor that the death rate among the babies, on account of poor milk, is alarming. It has been suggested that enough cows be bought by the city of Chicago to supply the needed milk for the city's babies. The impracticability of this scheme is shown by the fact that it would require 8,000 good cows to supply this milk. The point is, however, that in the future our cities will throw around their milk supply an inspection and control which will prove extremely embarrassing to the milk producer. The producer of milk for domestic consumption and who supplies the

large cities of the United States is, as a rule, unscrupulous in his regard for the public health. He needs regulation, and needs it badly. Should he appreciate the responsibility resting upon him, his conscience would be responsive and the big problem confronting all cities relative to the purity of milk supply, would be removed. It is obligatory upon every dairyman to furnish good milk to the families who depend upon him for their supply.

#### Slap at Cottonseed Oil.

Oleomargarine manufacturers are persistent in the claim that cottonseed oil is as healthful and as appetizing as butter, and present this claim to further the sale of oleomargarine and to justify its manufacture. The editor of the Farmers' Union News, a paper published at Union City, Georgia, has been making a little inquiry as to the butter situation in his town. He had been told that it was a shame for the State of Georgia to send two million dollars out of the state annually for butter, and that the Georgia farmer ought to go into the dairy business and supply the people of the state with butter produced in Georgia. The editor's investigation among a large number of consumers was to the effect that people who want good butter will not eat butter made from cows fed on cotton seed and cotton seed products. His claim, therefore, is that if the farmers of Georgia are to supply the butter eating public of that state, they must grow feed for dairy cows other than that which they may obtain free from the cotton growers through the cottonseed mills. This editor found that the butter which the trade of his town preferred was western butter.

#### Clean Up the Farm.

With the saving of the feed the season's harvest will be done except, of course, corn husking. Wheat must be sown, and this—except for gathering the corn—will close the season's work. A thorough cleaning up of the farm before winter sets in should be accomplished if possible. Hedge rows, fences and waste places where accumulations of grass and weeds exist, should be burned out. There is no question but that the accumulation of trash and weeds and grass has the effect of harboring insects sufficient, which in a season favorable for them would damage crops sufficient to extract a tremendous toll for the neglect in burning the rubbish. This is true particularly with reference to chinch bugs, which insect harbors in just such places. The presence of these bugs in great numbers in many localities in Kansas this year means that millions upon millions will go into winter quarters in this rubbish. To destroy the rubbish is to destroy the chinch bugs. A thorough cleaning up

will help the looks of the farm anyway, and it will help, too, in reducing the amount of weed seed which will later be scattered over the farm by the winds.

#### The Place of Sweet Clover.

While attending a grange picnic in eastern Kansas and held in the heart of a section producing tremendous crops of both alfalfa and red clover, the editor was besieged with questions relative to sweet clover, the inference being that the farmers of this locality were much interested in sweet clover which, throughout Kansas, is attracting considerable attention. The fact is that sweet clover can never take the place of red clover or alfalfa, nor can it be compared with these for feeding any of the farm live stock and in localities where alfalfa and red clover grow well there is no justification for a consideration of sweet clover. Sweet clover will grow and produce abundantly on good soil and under abundant rainfall. However, its value lies in its ability to grow where the soil is thin and rainfall short. In other words, where conditions are adverse to alfalfa and red clover, there should sweet clover be considered, both as a pasture and as hay. It will benefit the land, too, for it has long, large roots, has the ability to take nitrogen from the air and store in the soil and, like alfalfa and red clover, is an improver of the soil.

#### Labor on the Farm.

Due to an ever shifting change in conditions, the types of farming have been constantly changing in the east and west. In the east, the price of feeds which has traveled faster than the price of dairy products is inducing dairymen to sell their hay and grain instead of turning it into milk, butter and cheese. In the west, the relatively lower prices of hay and mill products and the perceptible increase in the price of dairy products has given the dairy industry a tremendous growth. Other changes in the system of rotation in the corn belt have been worked out by natural conditions.

These changes have made it difficult for an accurate system of farm management to be worked out. Investigation has proved, however, that there ought to be a more even distribution of man and horse labor on most of the farms of the United States. So poorly distributed is the horse labor on the average farm throughout the year that the horse works but three and one-half hours each day. On most farms it has been found that the rush of spring planting and mid-summer harvesting makes necessary the hiring of "rush" labor, which cannot be profitably employed at any other time.

The farm management division of the United States Department of Agricul-

ture, therefore, is working out several schemes of farming whereby the work can be better distributed through summer and winter, and enable a larger profit to be made. To that end, conditions are being investigated throughout the United States.

#### Caution in Buying Fertilizers.

The past few months a number of KANSAS FARMER readers have asked for information regarding commercial fertilizers. A sufficient number of letters have been received and answered to show that considerable interest is manifested by Kansas farmers in the purchase of fertilizers. We urge a careful investigation of the requirements of the soil before the fertilizer is purchased, the idea being to be sure that the fertilizer applied is such as will correct the deficiency of the soil on which it is to be placed. It is altogether likely that most Kansas fields are exhausted of only one of their principal elements of plant food. Before buying fertilizer, therefore, it is advisable to know just what elements are lacking.

In many instances it is the desire of the farmer to build up and make more fertile the field which is still producing well. The logical way to meet this problem is to put back into the soil every year a little more plant food than the crops take from it. If, on such fields the farmer adds only one of the important elements of plant food he may increase the yield for a season or two, only to find later that the land is less responsive than before, caused by the more rapid depletion of the other elements.

Some fertilizers are incomplete fertilizers, being one-sided and designed only to furnish the soil with one element of plant food. If the land is not actually worn out and commercial fertilizers are purchased, the farmer should then avail himself of a complete fertilizer containing nitrogen, phosphoric acid and potash in balanced proportions. A complete fertilizer is intended to give consistent results in continuous crop yield. Only in exceptional cases is it advisable to use one fertilizing element as in the case of muck or peat soils with potash alone, and even then it is advisable to use phosphoric acid with potash in order that the maturity of the crop may be hastened and to get the crop out of the way of early frost.

Before purchasing fertilizers, therefore, it is necessary that every farmer should work out his own local conditions and use the needed fertilizing elements in such proportions as will give the best returns and maintain or increase the soil fertility. The Kansas Experiment Station can be of great help in determining the soil requirements by making an examination of soil samples.



# THE BIG FAIR AT TOPEKA

## *Favorable Weather, Large Exhibits, Good Crowds Make Successful Combination*

The Kansas State Fair at Topeka is a monument of accomplishment. For weeks before the opening of the gates it was known that the entries would exceed in number those of any previous year under the present management, and the favor with which the Big Show has been received insured a large attendance, provided the weather conditions should prove suitable. Although the week began in what proved to be the end of the long hot spell, this condition was broken by copious rain and lower temperature so that the latter part of the week enabled the large crowds of out-of-town people to enjoy their sightseeing in almost ideal weather.

Perhaps the most conspicuous feature was the enormous display of farm machinery. It is said that fully 15 acres of the fair grounds were covered by the big machinery display, and it is certain that the more enterprising and better known firms of manufacturers were represented by splendid exhibits of their products. Everything from the gigantic gasoline tractors to the hand hog wringer seems to be present, and each attracted its share of interest from the visitors. This section of the grounds afforded many object lessons in the operation of various kinds of modern farm machinery, and no department of the fair had a greater educational value. Other state fairs that are held as far west as Topeka have been noted for years for the interest taken in them by the manufacturers of farm tools and machinery and by the displays they have made. This has always proved one of the drawing cards at these fairs, as the farmers who attend are naturally interested along this line. The reputation of these fairs has been gained largely through the size and quality of the machinery exhibits, but until this year Topeka has not been so strong along these lines. This year she fairly outdid herself, and the machinery exhibit alone was well worth the price of admission.

Owing to the fact that a portion of the Topeka fair grounds is yet covered with timber, and another portion is rendered unavailable by the passage of Shunganunga creek through it, the space that can be utilized for demonstration purpose is somewhat limited, and the big oil pull and gas tractors with their gangs of plows attached could not give actual plowing demonstrations. If the present mysterious disease, which is now carrying away our horses should continue, there would seem to be no other way to handle the big Kansas wheat fields except to install the tractors which are now so very efficient that they are better than horse flesh for heavy field work in territory that is suitable for their use. One of these tractors will pull a gang of plows, the necessary harrows and drills to perform the whole operation of plowing the ground, pulverizing the surface, and sowing the wheat all in one operation, and will do it in much quicker time and at less expense than can be done by the use of teams, if the conditions are favorable.

In spite of local adversity, Kansas has had a good crop this year and the exhibits in the Agricultural Hall certainly left nothing to be desired. Apparently, everything that would grow in this climate was on exhibition here, and the vast array of grain, grasses, clovers, fruits and flowers was enough to make a man thank his stars because he lives in Kansas, and the fruit exhibits especially were so tempting in quality that he could also give thanks for the room that is inside of him. The county exhibits were very creditable, and it remained for one of the smallest counties in the state to get the biggest prize. Although not large in area, Leavenworth county is so located climatically and has such a varied surface that the variety and quality of her exhibit placed her at the front although Douglas stood a close second.

No more interesting or valuable exhibit was shown on the ground than that made by the Agricultural College in the Agricultural Hall. This exhibit was comprehensive and included most of the economic department of the College. In Entomology the cases were so arranged as to show in one all of the insects that prey upon cattle; in another, those that prey upon grain; in another, those detrimental to growing crops; in another, human parasites. The department of animal husbandry showed glass cases in which the amount of grain necessary to secure a pound of gain in a beef animal was shown. The amount necessary to add a pound of gain to a 2 year old beef animal was shown to be perhaps

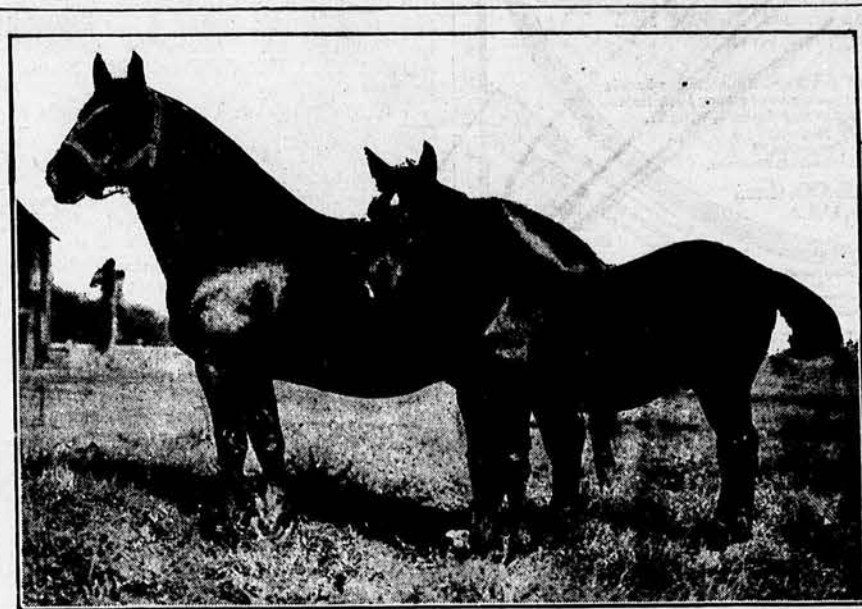
six or more times the amount necessary to add a pound of gain to the calf. This department also showed combinations of rations necessary or desirable for horse feeding, the feeds being arranged so as to show the most desirable combination for the growing colt and for the working drafter with everything between.

The department of milling industry had large bottles of water in which were shown the volume necessary to secure the small amount of wheat exhibited as the result of planting at different times. For instance a small vial containing perhaps one-half ounce of wheat was shown along side of a bottle containing about four gallons of water

a farm crop. This wood in its natural state was shown alongside of that which had been manufactured and polished, and most people were surprised at the quality and beauty of the grain of the wood.

In the Agricultural Hall one local exhibitor, who lives near North Topeka, showed 65 varieties of fruits and vegetables that were grown on his place, and this was considered to be unique. It would be difficult to name another locality in which so large a number of varieties could be grown to perfection as was here shown from the Kansas river valley.

Among the large number of commercial exhibits and those of manufactured products which occupied one wing of



BY COMMUNITY BREEDING EVERY FARMER COULD HAVE HORSES AS GOOD OR BETTER.

and this was the result obtained by plowing for wheat in September. Nearly was another case in which was shown the same amount of wheat with less than one-half the volume of water as the result of plowing in July. Adjacent to this was a case showing all of the products in their proportionate amounts that came from the grinding of a bushel of wheat. The flour, middlings, shorts, bran and even the dirt which came from the scouring the wheat were each shown in bottles, giving the proper relative size. The department of forestry had some very beautiful exhibits and photographs illustrating the work, but perhaps the most attractive was that which showed the possibilities of catalpa speciosa as

the Agricultural Hall, it is doubtful if anything attracted more attention than did the wonderful butter exhibit made by the Continental Creamery Company. The chief feature of this exhibit was three life size busts of President Taft, Col. Roosevelt and Hon. Woodrow Wilson, the three prominent presidential candidates, which were done in Kansas golden butter. Each bust had placed in front of it the animal which is properly accepted as the emblem of the party represented—the elephant for President Taft, the bull moose for Col. Roosevelt, and the donkey for Mr. Wilson.

A very popular watch manufacturing company exhibited one of its watches frozen solid in a large cake of ice. The

watch was running and keeping accurate time and accomplished the purpose of the manufacturers in showing that temperature had no influence on the time keeping qualities of their watches.

Owing to the ravages of the mysterious horse disease, the show of draft and coach horses this year was very much reduced. There had been a large number of entries from the big importers and breeders, and provision was made for overflow exhibits that could not be accommodated in the horse barn, which only had a capacity of 300 stalls. The breeders, while they had the assurance that this mysterious disease is neither contagious or infectious, felt it wise to be cautious and so remained away from the show. Lee Brothers, of Harveyville, were by far the largest exhibitors, with 25 head of Percherons and French Drafts, and a carload of French Coaches. It was certainly a splendid showing, and, of course, they got the large share of the prizes, although J. B. Arbethnot, of Cuba, created a sensation with his splendid team of stallions which he drove to a wagon, and on which he won champion and reserve champion. The other exhibitors are named in the list of awards, and too much credit cannot be given to these gentlemen for the making of such a fine exhibit under such adverse conditions.

The cattle barn was filled to overflowing. Some of the big herds from Iowa and Nebraska State Fairs were again contesting for honors in the show ring at Topeka. Other exhibitors had not been out before this year, and the show of cattle, as a whole, was larger and better than it was last year, and fully the equal of those shown at older and larger state fairs. The beef breeds were well represented with splendid herds. The show, as a whole, was especially strong in the dairy and dual purpose breeds. It is not often that there is such a showing of Polled Durhams as was here shown. The number of herds was not large, but the quality of the animals was very high. The beef show, as a whole, was of very high class, and it is pleasant to note that Kansas breeders were able to pull down their share of the premiums when in competition with the best that could come from other states.

The dairy show was very strong. Of course, the Holsteins and Jerseys are always expected and always give a good account of themselves. The Nebraska herd of Jerseys owned by Smith & Roberts, of Beatrice, were fresh from their victories at Des Moines and Lincoln, and were safe in their assumption of a fair share of the ribbons at Topeka. One herd of Guernseys from Iowa made up the show of that breed, and the interest manifested by the general public was so great that the owner remarked that he had had more inquiries while in Topeka than at any other fair. The Brown Swiss were represented by a Kansas herd and, of course, received all ribbons. With the silos made of concrete, of steel, and of wood, towering above the grounds, and the large array of dairy cattle in the barns, and the splendid exhibit of dairy products and machinery in Agricultural Hall, there can no longer remain a doubt that Kansas is in the class of dairy states.

The hog exhibit was stronger, both in numbers and quality, than heretofore. The great strength of the show in point of numbers lay with the Poland Chinas and Durocs, though the other breeds were well represented, and special attraction was found in the old fashioned, big spotted Polands shown from Missouri, and in the Hampshires, which has not heretofore been represented to any great extent in this fair. Farmers and breeders from all over the country were very pleased with the quality of the exhibits made in the hog barns, while the exhibitors were satisfied with the very considerable number of orders for their breeding hogs which they were able to book during the fair. Kansas needs hogs and the State Fair afforded an excellent opportunity for the selection of the breed and type most suitable for the foundation of a new herd in each individual case.

While there are many things that could, perhaps, be improved in the State Fair, it is yet a new institution and has to move more or less slowly in its development. It is a matter of congratulation that the fair of 1912 was bigger and better than its predecessor, and that the foundation now seems to be permanently laid for larger and better things in the future.

## FOR PROTECTING SUBSCRIBERS

I cannot express too strongly my appreciation of the kindness shown me and the manner in which KANSAS FARMER protects its subscribers against any fraudulent act or intention of the advertiser. KANSAS FARMER ought to be in every farm home in Kansas, and I shall always feel like it is my duty to praise this paper to my friends and neighbors. Three members of my family are nine-year subscribers to KANSAS FARMER. I have always considered your advice sound, and your wise handling of my case has placed me under lasting obligations to you.—J. F. LLOYD, Jefferson, Kan.

This letter refers to a case in which the writer purchased some pure-bred live stock, but failed to receive his pedigrees. Repeated letters to the breeder failed to bring any satisfactory replies and the purchaser was left in the position of having on his hands animals which were nominally pure bred and of high value but which, in effect, as long as he could not get his pedigrees, were no better than grades.

Mr. Lloyd lost the opportunity to sell the produce of the animals he had bought at pure-bred prices because he had no papers to show for their breeding, and this had the effect of compelling him to either lose a sale or put them on the market at grade prices. A breeding animal without a pedigree, no matter how good an individual he may be, can never

command the price of a pure-bred animal with a pedigree, and this emphasizes the necessity for all purchasers of pure-bred live stock to see to it that they get the pedigrees and transfer papers at the time of the purchase and as a part of that purchase.

In the buying and selling of pure-bred stock the pedigree should always be considered as being a part of the animal in the sense that it is a part of the thing bought or sold. The pedigree, which is simply a history of the animal, is one of the things which go to make the price of that animal. An equally good animal with no pedigree can never command the same price under the same circumstances as does one with a pedigree. For this reason both the buyer and seller should look carefully at the pedigree. The buyer in order to secure what he has paid for and the seller in order to maintain his reputation and to deliver that which he has sold.

There has been more trouble brought about through carelessness in the handling of pedigrees of pure-bred stock than comes through any other cause among honest breeders. The breeder must have it firmly impressed in his mind that when he makes a sale of a pure-bred animal he also sells the pedigree as a part of that animal and that his delivery is not complete until he has placed both in the hands of the purchaser.



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## THE HORSE PLAGUE

With its usual progressive spirit, KANSAS FARMER has adopted every available means of securing information in regard to the horse epidemic which is now decimating the horse and mule population of the state. The Live Stock Editor has been in constant consultation with the highest authorities and the best informed veterinarians, in the hope that a solution of the present difficulties may be presented to our readers at an early date.

Pursuing this policy, the following telegram was sent to Dr. James Law, formerly of Cornell University, who is the highest veterinary authority in the United States, and we are glad to note that the opinion of Dr. Law as to the cause of this disease and the treatment recommended coincide exactly with that published in KANSAS FARMER issue of September 14th. The telegram follows:

"Mysterious disease among horses baffling everyone here, and spreading rapidly. Death invariably follows. KANSAS FARMER is very anxious to take the lead in checking disease. Hope I can prevail on you to come and investigate and direct us. State has appealed to Government. Situation grave."—ALBERT T. REID, President Kansas Farmer Company."

To this telegram Dr. Law responds as follows:

"From the public prints I see that the disease in Kansas horses is diagnosed as cerebro spinal meningitis. In all probability the diagnosis is correct; inflammation of the covering of the great nerve centers is particularly liable to occur after a rainy harvest when the hay, corn, oats or other fodder has been spoiled by wet and permeated or covered with cryptogams, such as fungi, mold, bacteria and their products. Many of these are narcotic and produce varying nervous disorders, muscle weakness, paralysis of the limbs, twitching of muscles, dulling of the senses, stupor, insensibility, and at times movements of the limbs as if walking, trotting, rearing, etc., and again distinct delirium and violence. In its worst forms it is very fatal, the subject having swallowed a

be excluded unless it can be constantly demonstrated, and if any doubt remains the question should be put to the test by experimental inoculation from animal to animal under conditions that render it impossible that food could have contributed to the result. From what I have heard of the Kansas equine epizootic I conclude that the trouble is almost certainly from the spoiled fodder—dietetic and in no sense contagious.

"This greatly simplifies the management. The fodder being charged with a very deadly poison, or a poison in a very potent condition, all damp, musty, dusty, powdery, discolored or any way altered fodder must be rigidly removed and withheld from horses. If any horse has already eaten of such fodder, the latter should be promptly expelled from the system by a purgative (castor oil, 1 pint, aloes, 4-8 drams, by the mouth, or arecoline bromide, 1 gr. under the skin). Further to neutralize the poison in the stomach and bowels until it can be driven out, doses of 1/2 oz. iodide of potassium, or permanganate of potash may be given. When active signs of nervous disorder have appeared, other agents may be demanded to counteract these, according to their kind, but when the nervous symptoms have appeared the case is too often beyond remedy.

"A large question arises as to the disposition of the injured fodder. If badly affected it is better to make fertilizer of it than to risk the lives of valuable animals by experimenting with it. The cryptogams of spoiled fodder are often poisonous to other animals (cattle, sheep), as well as to horses. If, however, the fodder is not badly affected, and if no ruminants have suffered, it may be possible to use the best of such food for cattle and sheep, if very cautious experiment shows that in small quantity it does not hurt them. It should not, however, be used except in small amount, so as to constitute but a small proportion of the ration, and the bowels should be kept loose so as to counteract an abundant and injurious absorption. Except under the closest supervision, given in very small quan-

### BEWARE OF FAKES

There are always ghouls to take advantage of man's distress. During the prevalence of the horse plague these has sprung up a large number of fakirs with "sure cures," or of professed veterinarians with no standing, to prey upon the misfortunes of the horse owners. Our readers are cautioned to beware of such persons, and to consult only the state officers, who are responsible to the people, or veterinarians of standing and reputation. It is bad enough to lose your horses without losing your money, also.

relatively enormous dose, which cannot be promptly discharged from the now vomiting stomach and the succeeding 100 feet of intestines, both of which are usually paralyzed. The poison is especially injurious as grown under different conditions or as taken at different stages of growth, so that fodder apparently equally spoiled may be more or less harmful to the animal eating it, again some animals are in a more sensitive condition to it than others. Much often depends on the activity of the bowels of the animal fed, the animal with bowels loose having less of the poison retained and absorbed.

"General nervous disorder in horses is met with notably from other narcotic food, as partially ripened cereals, grasses (notably rye grass, millet), legumes (chick vetch, beans, peas, etc.), at a given stage of ripeness, and again in connection with smut or ergot on rye, wheat, oats, barley and various grasses, but these are liable to have circumscribed areas of growth to which the disease is sharply limited.

"Invasion of the horse's system by disease-producing microbes, which multiply within the animal body, often bears a closer resemblance to poisoning by spoiled fodder, since such a disease is communicable from animal to animal, and extends generally with fatal results. Such are the nervous complications occasionally seen in influenza, and in particular equine epizootics seen on the European Continent, Asia and elsewhere. In these, however, the contagion stands prominent under all kinds of feeding and watering and the disease is not confined to those that have been allowed some particularly faulty diet.

"In a season like the present, when fodder has been secured with difficulty in the face of almost daily showers, the condition of the fodder is the first thing to be investigated and infection is to

ties only, and even then withdrawn on the first indication of anything amiss, and with the prompt purging of the bowels of their injurious contents, the course of safety, even with ruminants, is to withhold the faulty food altogether.

"After reading the above it is probable that you will not urge me to visit Kansas on this matter. If, however, you should think otherwise, I shall respond as asked."—JAMES LAW, D. V. S.

To few men has it been permitted to attain a greater eminence in his chosen profession than that which has come to Dr. James Law. Born in Edinburgh, Scotland, he was an early student in the medical schools of Edinburgh, and later took thorough training in the veterinary colleges of Paris and Lyons, France, graduating also in the Royal College of Veterinary Surgeons of his home country. Dr. Law became Professor of Anatomy in the Edinburgh Veterinary College, and later occupied a similar chair in the London Veterinary College, from which he was called to become Professor of Veterinary Science and Dean of the Veterinary College of Cornell University. He has been consulting veterinarian to the New York State Agricultural Society, and chairman of the United States Treasury Cattle Commission. He was field chief of the Bureau of Animal Industry for the extinction of pleuro-pneumonia in cattle. Dr. Law is the author of a treatise on a general and descriptive anatomy of domestic animals; the Farmers' Veterinary Advisor; text-book on Veterinary Medicine and numerous scientific monographs. His statements on veterinary questions are accepted as final by the entire veterinary profession, as well as by breeders and live stock owners throughout the country. KANSAS FARMER is glad to be able to present this statement from so eminent authority.





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MENTION KANSAS FARMER WHEN YOU WRITE.

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I GUARANTEE THAT THIS PULVERIZER, PACKER AND MULCHER. Three Machines in One—WILL DO IT, LET ME PROVE IT.

Do not compare our machine with any machine that you have ever seen or used. The principle, work and results produced are entirely different. It pulverizes and packs the soil and leaves a loose granular mulch on top to retain the moisture. It will make a more perfect seed bed for fall wheat, alfalfa or any other crops than any machine ever invented.

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# THE FARM



The harvesting of Kafir and cane will soon be on. The ordinary methods of harvesting these grains is, all things considered, more wasteful than the methods of harvesting any other farm crop. It is common to cut Kafir and cane which has been sown with drills, with the corn binder, settling the bundles into shocks, and during the late fall and winter removing the heads in the field by cutting off with a hay knife or by chopping off with corn knife, hatchet or ax. Either of these methods is laborious to begin with, and extremely wasteful in the matter of seed. The dry condition of the head at the time of cutting by these means results in the waste of much grain to the shock at and between the shock and the stacking place. Another source of loss frequently comes from damage to the seed by being exposed to the rains and the snows. This damage is particularly with reference to the sale of the grain as seed. Kafir or cane seed, either as feed or for planting, is too valuable to be handled in this way.

It is our idea that drilled Kafir or cane should be harvested when ripe, as are other field crops. This, first, to establish a harvest time for these grains so that the harvest will be begun and finished. Under the methods first above described the grain is harvested during almost any time of the late fall and winter, and often shocks are standing in the field at corn planting time and a handy match is applied, with the result that the fodder and grain are burned and another source of waste results. So soon as the Kafir or cane is ripe it should be headed. As a rule, the grain ripens before frost. The stalks can be topped at the rate of three or four acres per day provided the crop has not been planted too thick and has been planted as thin as is necessary to produce a good yield of seed. In topping, one man with a large wagon box can make the work go on rapidly. He can use a large sharp butcher knife, a short corn knife or a sickle one-half of which has been cut off. This work goes three or four times as fast as husking corn, and an energetic, active fellow will top a lot of grain per day. This, nevertheless, is laborious and slow compared with harvesting with a header made especially for the purpose.

Such header is attached to the side of the wagon box and is driven by a chain from a sprocket on the rear wheel of the wagon. Fifteen years ago the header used by the editor could not be raised or lowered while in operation, making the header somewhat inconvenient and unsatisfactory in heading fields in which the stalks ranged from short to tall. For instance, on the hillsides the stalks would be short and the machine could not be made to get the heads. On the other hand, in the draws the corn was tall, and because the machine could not be rapidly adjusted, one-half of the stalk would be taken into the wagon with the head. Kafir headers are now made so that the height can be adjusted up or down as the wagon moves, thereby overcoming the difficulty we ourselves experienced years ago. However, our experience was such as would warrant the use of the header. It was a good thing in those days, and with recent improvements should now be a much better implement.

Whether the Kafir or cane is topped by hand or with a machine, the tops should be stacked. The stacking should be done in some convenient but clean place. Make the stacks narrow, five or six feet wide and eight to ten feet high, topping the stack as you would a rick of hay. No man is needed on the stack. The heads are thrown from the wagon with a fork onto the stack, and a man who has some knowledge of stacking will with very little trouble be able to so stack this grain as to cause it to turn water. To escape the damage done by birds and weather it is well to cover the top of the stack with hay, tying the same down as in the case of a hay stack.

This grain can be threshed at any convenient time. However, the weather

should be dry while stacking is going on. In the case of Kafir particularly, if threshing is done during a damp spell of weather, the grain will absorb sufficient moisture to cause it to heat badly. The editor has had his share of experience in shoveling Kafir in the bin to keep it from heating. On the other hand, we have had the experience which proves to us that it will not heat in the bin if it has been thoroughly dried in the stack and threshed during dry weather.

One of the advantages in harvesting Kafir and cane in the above recommended manner is that the harvesting can be done so early in the season that as a rule the green stalks can be pastured, the stock eating every leaf and the sappy and succulent stalk down to within six or eight inches of the ground. This, in our judgment, is the best way to realize the most in feeding value from the field of Kafir or cane stalks. The forage from thinly sown cane and Kafir is so coarse that when it becomes dry, either in the shock or standing in the field for pasture, there is little feed value. These remarks with reference to the handling of the stalk apply to the thin planting of Kafir and cane for seed.

If these crops are to be sown for forage, they should be drilled thick with a wheat drill on strong soil and in localities where rain is abundant, or if on thin soil where rain is more or less doubtful, the same listed thick is the desirable way for producing forage. Under these conditions the heads are small and not much grain is produced, with the result that there is no heading or topping. Under either method of planting for feed the harvesting can be done with a wheat binder, or in the case of the thick listed, with a corn binder. In either event the bundles should be made as small as possible and the same given every opportunity to thoroughly cure. The shocks should be long and narrow. One bundle set opposite another and the row continued as long as is convenient for shocking. The shocks should extend east and west so that the wind will blow through the narrow shock. This is not a good method of shocking if the grain is to remain in the field all winter. In such event the forage after curing should be reshocked in large round shocks, care being taken to turn the water and the snows. It is better to remove the bound Kafir or cane after it has become thoroughly dried in these temporary shocks, to the feed yard and stacked the same as any other bundle grain. This can often be done in the fall of the year when the field is dry and hauling is easiest. The best possible forage will result and the convenience of the forage to the feed lot will be appreciated.

### Alfalfa and Silos in New York.

We have been having much to say about alfalfa and silage as a balanced feed for dairy cows in Kansas. It is logical that alfalfa and silage should be urged as the right feed for the Kansas dairy farmer, inasmuch as Kafir, cane and corn for silage and alfalfa for hay are crops which are admirably adapted to conditions in this state. We have stated in these columns heretofore that alfalfa is more appreciated in those localities where it is necessary to exercise some extra effort in securing stands and profitable yields. The fact is that those things most difficult to obtain are most appreciated. The appreciation of alfalfa in those sections where it is difficult to obtain it, should have the effect of causing Kansans to more appreciate it. This letter, from C. I. H., Syracuse, N. Y., is in this connection interesting:

"Alfalfa and silage solve the feed question. While we can not regulate the price of the by-product feeds, we can control the cost of the feed fed by growing these two crops. Our first cutting of alfalfa averaged four tons, making a yield of six tons in the two cuttings. Hay is selling from the field at \$20 per ton, but they get none of our alfalfa because, fed to our cattle, it brings more net profit."



### An Unfavorable Comparison.

We have learned from those who have visited other countries, from results obtained by progressive farmers in many parts of the state, that as a whole we are only half-way farming—producing less than one-half the possible crop yields. From the report of the ten years' average yield per acre in some European countries compared with the yields in this country for the same time we have the following:

	Yields Bushels per Acre.	
	European.	American.
Wheat. . . . .	35.1	13.5.
Barley. . . . .	35.1	25.1
Oats. . . . .	35.9	29.6
Potatoes. . . . .	212.8	84.4

The increased yield of European crops over American must find its explanation in better methods of agriculture which prevail among European farmers—methods which include the wise use of fertilizers, and this organization might well make public recognition of the situation, and advocate the immediate abolition of the methods employed in producing the present yields that are gradually but surely depleting the soil of its fertility and are responsible for the smaller yields and decreased returns.

### Setting Fence Posts.

A writer in an exchange says that after many years of experience he has concluded that fence posts should be set the small end down, and that posts so set will last much longer than those set with the large end down. The writer says that the reason for this is obvious. We will guarantee, however, that not many farmers have thought of this as has the correspondent, and the editor admits that the idea is new to him. The writer says that when the limbs are removed from the trees there is always left a cut that cracks and takes up more or less water which runs, eventually, to the center of the post. Worm holes, too, always extend downward in the tree, he says. These cracks and holes hold moisture, and rotting begins. By placing the small end of the post down, or setting it the reverse of the way the tree grew, cracks and worm holes will empty themselves of water, and the post will last longer.

The writer states that the general appearance of the fence is improved by setting the posts in this way. He claims that the large end is usually the straight end and that, as a rule, the small end is crooked. By this method, he says, the posts line up well and make a good appearance. The same correspondent is favorable to a comparatively small post for wire fences, rather than a larger post. He says the posts should not be set until they are well seasoned. He would set the corner posts in concrete and consequently do away with the necessity of bracing or anchoring at the corners.

### Potatoes vs. Wheat Bread.

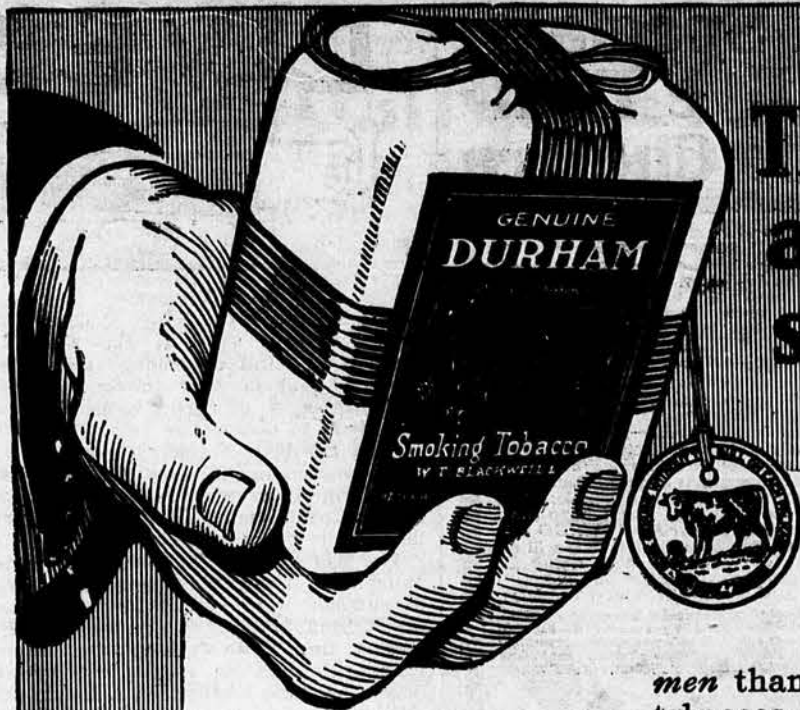
Potatoes are a starchy food, consisting, in addition to water, principally of starch, together with a small amount of protein or muscle-building material, a trace of fat, and small amounts of fiber and mineral matter.

From the potato as purchased, one-fifth of its weight, comprised in the skin, must first be thrown aside as refuse. Of the remaining four-fifths, an analysis shows that nearly 80 per cent is water; leaving only 20 per cent of nutritive material, principally starch—only 2.2 per cent of it being protein or "muscle-builder."

White bread contains over four times as much protein, and about three times as much starch and other carbohydrates as potatoes. A pound of bread has a trifle over three times the food value of a pound of potatoes.

Wheat flour contains five times as much protein, and four times as much carbohydrates as potatoes, and has between four and five times the food value of potatoes.

To show the present relative value of potatoes as compared with wheat flour: At present prices, 2½ cents per pound for potatoes, and 3 cents per pound for flour, one dollar expended for flour will purchase practically four times as much food nutrients as if expended for potatoes. To any family to which economy is a matter of importance, it will pay to substitute to a large extent bread for potatoes. In fact, whenever the price per pound of potatoes is more than one-fourth the price of flour, it will pay to substitute flour (or bread) for potatoes. With flour at \$3 per 100 pounds, potatoes should not cost over 75 cents per 100 pounds, or 45 cents per bushel, if equal food value is to be obtained for the same money.



## The story of a muslin sack

THE real wonder-story of the tobacco that is smoked by more millions of men than all other high-grade tobaccos combined—

## GENUINE "BULL" DURHAM SMOKING TOBACCO

Forty "rollings" in each 5c muslin sack

In quaint old Durham, North Carolina—that's where the story starts. That's where those goldenleaves first grew in the sunny fields of Greene's farm. That's where they first filled those simple muslin sacks with good, sweet, native tobacco—fifty-two years ago.

No thought then of fancy packages—nor of "processes" for improving on Nature.

Just surprisingly good tobacco! That was what they had discovered—that was what interested those critical Southern smokers who gave a rousing welcome to "Bull" Durham as the greatest tobacco they had ever tasted.

And then the soldiers came. They came—and smoked—and were captured!

Scattering to their homes all over the nation they carried the fame of this wonderful smoke.

Wasn't that Durham postmaster busy with letters from up and down the land asking how to get more of that "Bull" Durham!

And—for over half a century, just because it's so downright good—it's been earning and winning and holding new friends, both among pipe and cigarette smokers, faster than any other tobacco ever grown.

Faster! Twenty-two million pounds—352,000,000 packages—were sold and smoked last year! Yet this was merely the normal growth over the year before.

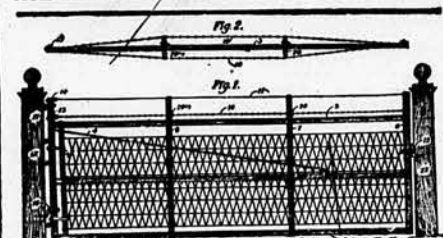
That sack might have been displaced by a fancy box. But the increasing millions of smokers who have an affection for this plain, convenient, muslin cover have shown that they want the value where it belongs—in the tobacco. You can't smoke the cover, and you can't get better quality for pipe or cigarette in the fanciest of packages.

"Bull" Durham has stood the longest. Its purity, its natural, undoctored goodness as a smoke, have held and splendidly multiplied its friends—have won for it the leadership over all the tobaccos of the world.

*Blackwell's Durham Tobacco Co.*



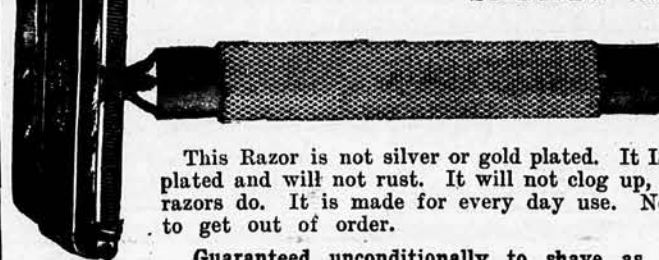
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Price complete 65c. With 12 Extra Blades \$1

This Razor is not silver or gold plated. It IS heavily nickel plated and will not rust. It will not clog up, as many safety razors do. It is made for every day use. No delicate parts to get out of order.

Guaranteed unconditionally to shave as good as any razor made, none excepted at any price.

Packed in a neat box. An embossed, plush lined, leather case does not improve the cutting edge of a razor. Sent free to any subscriber, new or old, sending \$1.00 for a year's subscription and 15 cents extra for shipping. If extra blades are desired, add 10 cents for each three or 35 cents for one dozen. Throw away your old razor and enjoy a clean, easy shave, and no chance of cutting your face. Address,

KANSAS FARMER, Topeka, Kan.





## There Is A Specially Prepared Lye That Prevents Hog Cholera

E. Myers,  
President,  
Merry War  
Lye Co.

It didn't "just happen" that Merry War POWDERED Lye has proved itself, by the actual experience of thousands of farmers to be the safest preventive of hog cholera, destroyer of worms and the best hog conditioner and fattener the world has ever known. Far from it—that is exactly what I meant it should do—what I have been earnestly striving to make it do during the past 20 years. Therefore I know what I am talking about when I say that Merry War POWDERED Lye is just what I claim it to be—a POWDERED Lye, specially prepared, that will prevent hog cholera, destroy worms, condition and fatten hogs!

Don't be persuaded to try an ordinary, old fashioned lye as a possible preventive of hog cholera. At best it would be a doubtful, and perhaps a dangerous experiment. The use of Merry War POWDERED Lye is not an experiment. Experience has proved my claims for it. Plain directions for feeding to hogs are printed on the label. These directions are not guess work. They give, as the right quantity, one-half can to a barrel of swill or drinking water and Merry War POWDERED Lye should be used in that proportion daily to obtain the desired results.

**Now Prove All This For Your Own Self**  
It's convenient to buy by the case, four dozen cans, \$4.80. If you can't supply you write us stating dealers' names—we will see that you are supplied and send you, FREE, a valuable booklet on "How to Get the Biggest Profits from Hog Raising." YOU MAY ORDER DIRECT FROM US AT \$4.80 PER CASE OF 48 CANS if your dealer won't supply you.

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

"I am a  
Merry War Lye Hog"

Which Kind Do You Want?



## Save Time, Save Labor, Save Money, Make Money!—Get This PORTABLE Corn Crib

Cheapest, handiest corn crib made. Can be set up in ten minutes. When empty can be used for chicken fence. Then for crib again. Made in two sections, each 4 feet high with 6 strong cable wires. Use for storing and keeping fodder, either shredded or in full stalks—to be fed out as desired. The

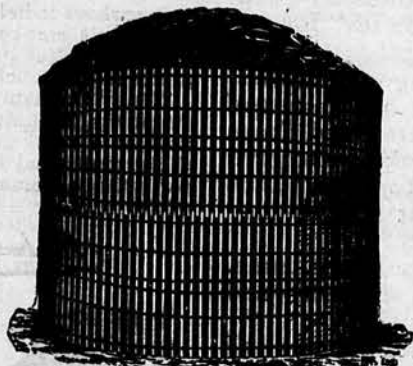
### Denning Portable Corn Crib

is the best all-around investment any farmer can possibly make. Beats an all-wire crib every way. Instead of building an expensive silo get a Denning Portable Corn Crib. Save those extra dollars. Have a crib you can move to any part of the field. Get the one you get biggest dollar returns from. The Denning Portable Corn Crib is made right. Will last from 12 to 15 years if taken care of. 8 feet high and 12 and 14 feet in diameter—1½ or 2 inches between slats. Capacity 400 to 500 bushels. Slats are spaced close enough to protect corn from stock and far enough apart to admit free circulation of air. Width of slat covers one-half of the corn—thus furnishing protection against the elements. Also prevents bleaching.

**Write Today For Low Price and Circular**

Get all facts about this time-saving, labor-saving, money-saving portable corn crib. The price will greatly interest you. Write today.

The Denning Motor Implement and Mfg. Co.  
Dept. K, Cedar Rapids, Iowa



## Buy a Sunshine Lamp At Lowest Factory Price and Save One-Half on Your Light Bills.



Imagine if you can, 300 burning candles in one room and you will have some idea of the powerful light produced by a Sunshine Safety Lamp. It is the best and most economical light known for homes, stores, halls and churches. Costs less to use than common kerosene or coal oil lamps. Just now we are making a Special Price on 10,000 Sunshine Safety Lamps. Our direct factory to consumer method of selling on

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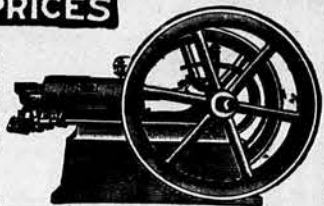
enables you to purchase this splendid lamp at about one half what a dealer or agent would charge you. No wick. No chimney. No dirt. No smoke. No odor. No mantle trouble. This lamp makes and burns its own gas from any grade of gasoline with absolute safety. We will allow you 15 days trial in your own home and let you prove our statements. Every Sunshine Safety Lamp is guaranteed 5 years. Your money back if not satisfactory. WRITE TODAY for our Special Factory Price Offer.

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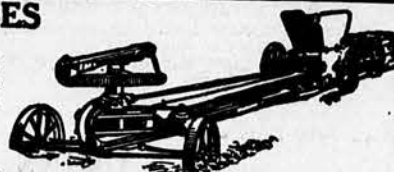
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# LIVE STOCK



### Horse Disease.

While the great number of deaths of horses in this part of the state is baffling the skill of medical scientists, would it not be well to consider the possibilities of flies as a cause of this fatality?

I do not believe that I ever saw so bad a season for flies on stock as this, except in 1865, when the First Iowa cavalry lost so many of its horses from flies just in a few days.

We were camped 18 miles east of Memphis, Tenn., and during the hot days of summer were visited by what was called "Buffalo flies," not very dissimilar, I think, from those we have here. Their peculiarity was to nestle in clusters under the horse's belly. In a few hours the horse would begin to swell, and die in great agony the same day.

My company alone lost eight horses in one day. We were in a fair way of losing all our horses, but we fought the flies by wrapping blankets and gunny-sacks around our horses, and after the timely arrival of a barrel of fly dope from Memphis, we had no further trouble with those not already sick, but recovery was hopeless for those already sick. Those flies were said to inhabit the Mississippi valley, and remained with us only a brief time.—E. M. STAPLETON, Kinsley, Kan.

### Double Treatment Does It.

Fred G. Laptad, breeder of Poland Chinas and Duroc Jerseys, at Lawrence, Kansas, writes that his hogs are doing splendidly, and that sickness in his neighborhood has been entirely overcome by use of the double serum treatment. This experience in only one of many which have proved that the serum treatment for hog cholera, is long past the experimental state.

There is yet some hog cholera, but very little as compared with this time last year. Breeders and farmers have a great advantage this year in case of any outbreak, because of the fact that they know where to go in an emergency, and because of the other fact that the serum laboratory at the Agricultural College will not be taxed as it was last year. This laboratory now has in cold storage, two million cubic centimeters of serum for use in the emergency of another outbreak.

The statistics gained by the Agricultural College from its experiences of last year, show that where treatment was administered in diseased herds, 70 per cent of the hogs recovered, while in non-infected herds, 99 per cent of the hogs lived. The fact that 70 per cent in the diseased herds recovered, shows that although the serum is only a preventive, it does affect the severity of the disease in hogs that are vaccinated after being exposed, and in that sense, it acts as a curative agent.

As an illustration of efficiency of the double treatment, the college authorities cite an instance in which an owner maintained 600 head of hogs on garbage collected from all over the city of Wichita. As such feed gives constant exposure to infection by germs of hog cholera, it is the best possible evidence of the efficiency of the double treatment to note that not one of these hogs took the disease.

The authorities urge that farmers everywhere give immediate attention to their herds in case of any outbreak of cholera in the neighborhood, without waiting until some of the animals get sick, and without trying any other remedy.

Immediately on finding that there is an outbreak of cholera in the neighborhood, each farmer who owns hogs should at once notify Hon. J. H. Mercer, Live Stock Sanitary Commissioner, Topeka, by telegraph, without waiting until the hogs are sick.

### Success With the Fall Farrow.

The first thing to be considered is the brood sow. She should be of the right type, regardless of breed, and of a good, careful disposition. If she is a young sow, unless she is extra strong, she should not be bred until she is a year old. If a gilt is bred at 8 or 10 months of age, she should, by all means, be allowed to miss the next breeding season. After a sow is 2 years old she will, with

proper care, be able to raise two litters every year.

We are a little partial to the fall farrow, because the weather is less subject to sudden changes than when the early spring litters are farrowed. The little pigs get started even and strong before the cold of fall and winter comes on. When the flies are as bad as they have been this fall, use a little "fly dope," and hang a jimson weed in the hog house so that the pigs can crawl through it. The first two or three months of pig life is the important period of a good hog. We always aim to be around at farrowing time, whether it be day or night. We find that in handling fall pigs, two important things are, good shade and plenty of fresh water. The sows should be bred to farrow from September 1 to October 1, and all as near one time as possible.

The sows should be shut up by themselves at least one week or 10 days before farrowing time, so that they may become acquainted to their new quarters, and also avoid the danger of others devouring the little pigs.

The proposition of shelter is of great importance with successful hog raising. For the farrowing pen we use the "A" shaped houses. They are very convenient, light, portable and inexpensive. For shelter for matured animals we use the open sheds, large enough for seven or eight good sized hogs. Three good walls, north, east and west, and shingled roof, a 16 to 20-inch board protection on the south, which can be removed at will, so as to permit air and sunlight. These houses are equipped with wood or concrete floors and we find, with a little bedding, they are plenty warm enough for the coldest weather.

We consider the "A" houses the ideal farrowing shelter, and the one that every farmer and breeder in the state of Kansas should own. We use them in two sizes, 7 feet each way and 8 feet each way, costing from \$10 to \$15 each. The small houses are plenty large, unless you have an extra large sow.

The sow and pigs should be kept by themselves until they are about 15 or 20 days old. By this time they will have learned their own mother and are not so apt to rob other litters. At that age they can be turned out to pasture daily with the rest. Commence feeding the little pigs the separated milk by themselves when they are about 5 or 6 weeks old, and allow them to run with the sow until they are at least 2 months old, at which time they will be old enough to wean and give the sows a chance to get up in strong flesh before time to breed for spring farrow.

We are not saying that this is the only way to raise hogs, but are merely giving you our method.—FRED G. LAPTAD, Lawrence, Kan.

### Silo Economy.

Phillip Armour, the Chicago packer, is credited with saying that "getting rich consists mainly in saving what the other fellow wastes." Mr. Armour applies this principle to his great packing business and to such extent that it has been truly said that in the modern packing house it is only the squeal and the smell of the hog that is not put to some use.

Of the many ways of saving what goes to waste on the farm, the silo is important, and its wonderful economy as a feed saver is realized by those farmers who have had silo experience. It does seem a shame that for years and years we have allowed 40 per cent of the corn crop to remain in the field unused. That is what happens when we gather the ears and pasture the stalks. Many of us have been growing a 40-acre crop of corn and 15 acres of Kafir or cane for roughage, when we might have grown 55 acres of corn and used the entire crop from 15 acres for the feeding of the live stock. This would be economy in farm management, and certainly no diagram is needed to show wherein it is economy. Many of us are growing 30 acres of Kafir or cane for forage when 10 acres of the same crop, placed in the silo would furnish the same amount of feed—one ton of the cured feed making three tons of silage, leaving 20 acres of ground for something else.



# STOP THE RAGING EPIDEMIC

## NOTICE -- Horse and Cattle Men:

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Most powerful Disease Germ Destroyer known to science.

Non-poisonous to man or beast, but ten times stronger than pure Carbolic Acid.

Clean, Colorless, Odorless, Cheap.

One gallon of Bacili-Kil makes two barrels of dilution strong enough to destroy the most virulent Germs of Disease.

Bacili-Kil is another of the wonders of electricity. It is made by subjecting several harmless materials to heavy, intermittent charges of electricity, their union resulting in a transparent fluid wonderfully destructive to every form of Disease Germ, yet perfectly harmless to human or animal life.

Given in the animal's drinking water and feed, it purifies them, and destroys any Disease Germ contained in them. It also destroys in the mouths, throats and digestive tracts, any Germs of Disease lodged therein. It is also toning and invigorating to the system. May also be given hypodermically.

By our method of introducing it into the nostrils of horses it is gasified and this powerful gas penetrates every passage in the head, destroying instantly the Disease Germs lodged there.

Sprayed as a disinfectant throughout barns and yards, tanks and water pools, it Sterilizes, Purifies and Destroys every Disease Germ it comes in contact with.

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Have your bank telegraph or write us as to your responsibility and we will allow you 30 days for payment, otherwise shipment will be made C. O. D. Our Reference: First National Bank, Madison, Wis. Write for further particulars and literature.

**GENERAL PURIFICATION COMPANY,**

616 Pioneer Bldg., Madison, Wisc.

## Live Stock Awards at Kansas State Fair

### PERCHERONS.

Exhibitors.—Lee Bros., Harveyville, Kan.; Adam Becker, Meriden, Kan.; J. G. Arbuthnot, Cuba, Kan.; W. A. Gilchrist, Topeka, Kan.; W. S. Horning, Grantville, Kan.; M. C. Bigham, Ozark, Kan.  
Aged Stallion.—1, Arbuthnot, on Gaurier; 2, Gilchrist, on Cidre.  
Stallion Three Years Old.—1, Arbuthnot, on Riller Boy; 2, Horning, on Japis.  
Stallion Two Years Old.—1 and 2, Lee Bros., on DeCaselle and Carno.  
Aged Mare.—1 and 2, Lee Bros., on Gallette and Allie; 3, Becker, on Mabel.  
Mare Three Years Old.—Lee Bros., on Jodelle.  
Mare Two Years Old.—1, Lee Bros., on Rose; 2 and 4, Bigham, on Josephine and Santeen; 3, Arbuthnot, on Lady.  
Yearling Mare.—Lee Bros., on Della.  
Foal.—1, Lee Bros., on Della; 2, Becker, on Annabell.  
Produce of Mare.—1, Lee Bros., on DeCaselle and Della; 2, Arbuthnot, on Rowdy Boy and Lady.  
Get of Sire.—Lee Bros.  
Best Three Mares, Owned by Exhibitor.—Lee Bros.  
Champion Stallion, Any Age.—Arbuthnot, on Rowdy Boy.  
Reserve Champion.—Arbuthnot, on Gaurier.  
Champion Mare.—Lee Bros., on Gallette.  
Reserve.—Lee Bros., on Della.  
Kansas Specials.—Two-Year-Old Mare: 1, Bingham, on Josephine; 2, Arbuthnot, on Lady; 3, Bingham, on Fanteen; 4, Lee Bros., on Irene.  
Yearling Mare: Lee Bros., on Della.  
Foal: Becker, on Annabell.  
Champion Mare: Bingham, on Josephine.  
Reserve Champion: Becker, on Annabell.

### FRENCH DRAFTS.

Exhibitors.—Hoyt Horse Co., Hoyt, Kan.; Lee Bros., Harveyville, Kan.; Adam Becker & Son, Meriden, Kan.  
Aged Stallion.—Hoyt Horse Co., on Hucher.  
Stallion Two Years Old.—Lee Bros., on Hushel.  
Yearlings.—1, Lee Bros., on Coca L.; 2, Lee Bros., on Princess B.  
Aged Mares.—1, Lee Bros., on Collie; 2, Lee Bros., on Dolly 2d; 3, Becker, on Cassa.  
Two-Year-Olds.—1 and 3, Lee Bros., on Mabel L. and Cora B.; 2, Becker, on Margaret.  
Yearling Mares.—Lee Bros., on Laura.  
Mare Foal.—1 and 2, Becker, on Avis and Arcus; 3, Lee Bros., on Queen.  
Produce of Mare.—Lee Bros., on Coco L. and Mabel L.; 2, Becker, on Cassa and Margaret.  
Get of Sire.—Lee Bros., on Flennon.  
Best Three Mares.—1, Lee Bros.; 2, Becker.  
Champion Stallion.—Lee Bros., on Coco L.  
Reserve Champion.—Lee Bros., on Hushel.

### COACH HORSES.

J. R. Wear, Barnard, Kan., was the only competitor in Coach horses. He showed and was awarded prizes in aged and 3-year-old stallions, aged, 2-year-old mares and filley colt, produce, get of sire, best three mares and champion stallion and mare. He also won all the Kansas bred classes.

### JACKS.

A. E. Smith, Lawrence, Kan., was the only exhibitor in this class, and won the following premiums:  
Aged Jack.—1, and 3, on Big Bill, Scott's Monarch and Ocean Wave, Jr.  
Three Years and Under Four.—1 and 2, on Tennessee Starlight 2d and Metlock.  
Aged Jennet.—1 and 2, on Kansas Belle and Miss Bailey.  
Jennet, Three Years and Under Four.—1, Kansas Star S.  
Best Jack.—On Tennessee Starlight.

### MULES.

Adam Becker & Sons, Meriden, Kan.; H. W. McAfee, Topeka, Kan., and H. A. Elder, Eudora, Kan.; were the only competitors for premiums in this class.  
Mule, Three Years and Over.—1 and 2, H. W. McAfee.  
Mule, Two Years and Under Three.—1 and 2, Becker, on Maud and Mollie.  
Mule, One Year Old and Under Two.—1 and 2, Elder, on Bess and Kate.  
Pair of Mules, Weight in Harness Not Less than 2400 Pounds.—1, Becker & Sons, on Maud and Mollie; 2, McAfee, on Queen and Mollie.  
Champion Mule, Any Age.—Elder, on Bess.  
Reserve Champion.—McAfee, on Mollie.

### SHORTHORNS.

Exhibitors.—H. C. Lookabaugh, Watonga, Okla.; E. M. Hall, Carthage, Mo.; D. Teltjen, Bellevue, Iowa; C. Nevius, Chiles, Kan.; H. Rees & Sons, Pilsner, Neb.; John Reiger, White Water, Kan.; J. H. Miller, Peru, Ind.; C. H. White, Burlington, Kan.  
Aged Bull.—1, Rees, on Whitehall Rose-dale; 2, Nevius, on Searchlight; 3, White, on Richelleu.  
Bull Two Years and Under Three.—E. Nevius, on French Valentine; 2, Baird, on Governor; 3, Teltjen, on Corrector; 4, White, on Brawith Heir.  
Aged Bull, Kansas Shorthorn Special.—1, White, on Richelleu.  
Bull Two Years and Under Three, Kansas Shorthorn Special.—White, on Brawith Heir.  
Senior Yearling Bull.—1, Hall, on Princely

Sultana; 2, Lookabaugh, on Young Searchlight; 3, Teltjen, on Major; 4, Teltjen, on The Governor.

Junior Yearling Bull.—1, Nevius, on Violet Light; 2, Rees & Sons, on Crescent Goods; 3, Lookabaugh, on Lavender Lord.

Senior Bull Calf.—1, Teltjen, on Hill Krest Excelsior; 2, Reiger, on Balboa; 3, Lookabaugh, on Berrington Prince; 4, Nevius, on Luratrunk's Light; 5, Rees & Sons, on Secret Goods.

Junior Bull Calf.—1, Nevius, on White Star Light; 2, Teltjen, on Hill Krest Skangie; 3, Nevius, on Good Light; 4, Lookabaugh, on Gibson's Prince; 5, Nevius, on Searchlight Bloom.

Senior Cow.—1, Miller, on New Year's Delight; 2, Lookabaugh, on Charming Rose III; 3, Nevius, on Lady May; 4, White, on Charm's Novlette.

Cow Two Years Old and Under Three.—1, Rees & Sons, on Violet Goods; 2, Teltjen, on Marshall Missile; 3, Lookabaugh, on Maxwellton Clipper 5th; 4, Nevius, on Goldie Barmpton.

Senior Yearling Heifer.—1, Nevius, on Lavender S.; 2, Rees & Sons, on Sylvan Goods; 3, Hall, on Hallwood Violet 3d; 4, Lookabaugh, on Roan Victoria; 5, Nevius, on Princess Phyllis.

Junior Yearling Heifer.—1, Teltjen, on Miss Excellence; 2, Hall, on Hall Emma 3d; 3, Rees & Sons, on June Goods; 4 and 5, White, on Martina and Gratitude 7th.

Senior Heifer Calf.—1, Hall, on Choice Princess 3d; 2, Teltjen, on Hill Krest Belle; 3, Hall, on Hallwood Goldrop; 4, White, on Rose Heather; 5, White, on Sweet Novlette.

Junior Heifer Calf.—1 and 2, Rees & Son, on Fancy Goods and Ruby Goods; 3, Teltjen, on Hill Krest Lassie; 4, Lookabaugh, on Julia Violet.

Aged Heifer.—1, Rees & Sons; 2, Teltjen; 3, Nevius.

Young Heifer.—1, Hall; 2, Teltjen; 3, Rees & Sons.

Calf Heifer.—1, Teltjen; 2, Rees & Sons.

Get of Sire.—1, Rees & Sons; 2, Nevius; 3, Lookabaugh.

Produce of Cow.—1, Lookabaugh; 2, Nevius; 3, Teltjen.

KANSAS SHORTHORN SPECIALS.

Junior Yearling Bull.—1, Nevius, on Violet Lad.

Senior Bull Calf.—1, Nevius, on Lustrom's Light; 2, Reiger, on Seneca; 3, White, on Illuminator.

Junior Bull Calf.—1, Nevius, on Good Light; 2, Nevius, on Searchlight Bloom.

Three-Year-Old Cow.—1, Nevius, on Lady May; 2, White, on Charm's Novlette; 3, Nevius, on Gypsy Queen; 4, Reiger, on Calla 2d.

Two-Year-Old Cow.—1, Nevius, on Goldie Barmpton; 2, White, on Happy Lady; 3, Nevius, on Scotch Josephine 4th; 4, White, on Charming Violet 2d.

Senior Yearling Heifer.—1, Nevius, on Princess Phyllis.

Junior Yearling Heifer.—1, White, on Martina; 2, White, on Gratitude 7th; 3, Nevius, on Princess S; 4, Nevius, on Miss Blanche.

Senior Heifer Calf.—1, White, on Rose Heather; 2, White, on Sweet Novlette; 3, Reiger, on Alfalfa Rose 2d; 4, Nevius, on Minnie Princess; 5, Reiger, on Bashful Heroine.

Aged Heifer.—1, Nevius; 2, White; 3, Nevius.

Young Heifer.—1, Nevius; 2, White.

Calf Heifer.—1, Reiger; 2, Nevius; 3, White.

Get of Sire.—1, Reiger.

Produce of Cow.—1, White; 2, Reiger.

### HEREFORDS.

Exhibitors.—J. P. Cudahy, Belton, Mo.; Jones Bros., Council Grove, Kan.; O. S. Gibbons & Sons, Atlantic, Iowa; Robert H. Hazlett, El Dorado, Kan.; O. E. Green, Genoa, Neb.; Klaus Bros., Bendena, Kan.  
Aged Bull.—1, Cudahy, on Fairfax 15th; 2, Klaus Bros., on Beau Onward; 3, Hazlett, on Beau Sturgess 2d; 4, Gibbons, on General G; 5, Green, on Parsifal 16th.

Bull Two Years Old and Under Three.—1, Cudahy, on Corrector Fairfax; 2, Klaus Bros., on Beau Onward 2d; 3, Gibbons, on Good Lad; 4, Hazlett, on Gold Nugget.

Senior Yearling Bull.—1, Hazlett, on Bonnie Lad 26th; 2, Gibbons, on Son of Carnot; 3, Klaus Bros., on Beau Onward 3d.

Junior Yearling Bull.—1, Cudahy, on Beau Fairfax; 2, Hazlett, on Bocaldo; 3, Gibbons & Sons, on Beau Patrick; 4, Jones Bros., on Beau Simpson 7th.

Senior Bull Calf.—1, Hazlett, on Beau Baltimore; 2, Green, on Beau Mischief 63d; 3, Gibbons & Sons, on Beau General 4th; 4, Klaus Bros., on Full Filler 45th; 5, Hazlett, on Beau Kansas.

Junior Bull Calf.—1, Green, on Beau Felina; 2, Cudahy, on Goldbeater; 3, Green, on Beau Kansas.

(Continued on page 13.)

We have three pattern orders to which no signatures are attached. One from Nortonville, Kan., No. 5128,24; one from Kansas City, Kan., No. 5430,8; the other the name of the postoffice is not discernable, neither is there any name. This is an order for five patterns numbers; 4619, child's set of short clothes, 8764 large size; 9095-42, 8996-6, 9197-42.

## Hog Wallow Prevents Disease

KEEPING hogs in a healthy, growing condition at this season of the year is a simple matter, provided preventive measures are adopted. Sprinkle about the runs, pens and sleeping quarters and in the hog wallow

## Dr. Hess Dip and Disinfectant

and your hogs will do the rest.

Dr. Hess Dip and Disinfectant is a guaranteed germ and vermin killer. No bothersome parasite or insidious microbe can get in its deadly work when opposed by this powerful preparation. Easy to prepare and entirely harmless. Endorsed by the Government as an official dip for sheep scab. Use it freely to disinfect foul drains, sinks and outbuildings. Send for dip booklet.

DR. HESS & CLARK  
Ashland, Ohio

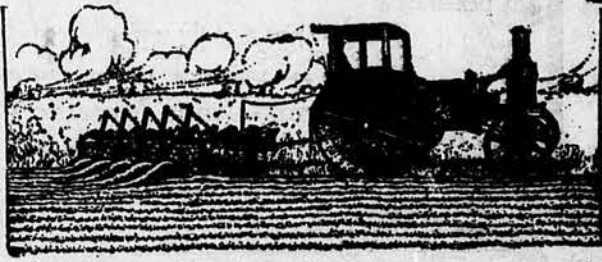


## USE THOMAS HUSKERS

Catalog free. R. M. THOMAS, Shenandoah, Iowa.

## SPECIAL TERMS TO FARMERS SUFFERING LOSS OF HORSES

To aid in relieving the distress caused by the death of so many horses, and to enable farmers to get in their fall crops, we will give special terms on Avery Tractors and Plows in those districts where the disease prevails.



It's dangerous to buy other horses and, anyhow, it's less expensive and far better in the end to replace your horses with an Avery Gas or Oil Tractor. It isn't subject to disease, it isn't affected by hot weather, and it won't eat up your crops keeping it through the winter.

See our exhibits at Kansas State Fair, Hutchinson, Kan., and Missouri State Fair, at Sedalia, Mo. Field demonstrations given daily both fairs.

## AVERY ONE-MAN FARMER'S POWER PLOWING OUTFIT

This Avery Tractor has just the features you need. It's light weight—only about 11,000 pounds. It won't pack your ground. It doesn't waste fuel moving useless dead weight. You can get into the field earlier in the spring or after a rain. And so simple your boy can run it. Least gears of any engine, no fan, only one clutch. Develops wonderful power, is economical, and runs with very little vibration or noise.

With the Avery No-Man "Self-Lift" Plow, you or your boy can run the entire outfit alone. Just think of it. A plow that handles itself. You save all the wages and board of a plowman. This will pay for an Avery No-Man "Self-Lift" Plow in a short time. No hard, back-breaking work lifting and lowering each plow by hand lever at the end of the furrow. All you have to do is to run the Tractor and pull a cord at the ends of the furrows to engage a clutch and the plows lift out of the ground by power taken from the plow wheels.

Get all the facts about the Wonderful New Avery Light-Weight Gas Tractor and No-Man "Self-Lift" Plow. For ordinary sized as well as larger sized farms. It will save you expense. It will save you hard work. It will help you raise bigger crops. You don't need a hired man to help you run it. Ask for complete Free Avery Tractor and No-Man "Self-Lift" Plow Catalog and find out all about this outfit. Write, telephone, telegraph or call at our Kansas City Branch House at 1000 Santafee Street, near Union Depot, and immediate attention will be given you.

**AVERY COMPANY, 1405 Iowa Street, Peoria, Ill.**

## 35 CENTS PER HOG

The Snoddy Remedy for Hogs has proven itself without an equal in producing health, thrift and size. Common farm hogs, without a pedigree record, have been made to excel in size and appearance many of the fine breeds with pedigrees a yard long. We mean no reflection on pure-bred stock. Snoddy Remedy is equally good for both. Thirty-five cents is the average cost of Snoddy Remedy to produce a 360-pound hog at eight months. Hogs are money in these days of high cost of living, and the business farmer will take extra precaution to insure health and thrift. Write for letters from farmers and breeders.

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### Uses SHARPLES Tubular Cream Separator Exclusively



The high-producing cow "Majella Maid" on the Armstrong farm, where the Tubular is used.

"Austinburg, O., May 29, 1912.—The Sharples Tubular has done fine work all the time. J. F. Armstrong."

Now you understand why owners of other separators are discarding their machines by carloads for Tubulars. Follow the example of the Armstrongs and the many others who have succeeded. Buy a Tubular for the sake of double skimming force, easy cleaning and all the profits.

Want a free trial? Want to exchange your present separator in part payment for a Tubular? You can do either.

**THE SHARPLES SEPARATOR CO.**  
WEST CHESTER, PA. Branches: Chicago, Ill.  
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That, and more, is what J. F. Armstrong & Sons, of Austinburg, Ohio, have done. Like other shrewd farmers, they have succeeded because they know profit is of far greater importance than first cost.

Like others making most money from dairying, the Armstrongs chose the Tubular in preference to all others because the Dairy Tubular contains no disks or



The Only Place in Dairy Tubular Boute

# DAIRY



Regularity of milking and feeding are important requisites in every profitable dairy operation.

It is claimed that fast milking increases both the quality and quantity of the milk. This belief is so firmly fixed in the minds of large dairymen that rapid milkers are much preferred to slow milkers.

All farm stock should be measured by its ability to produce profit. This should apply to the beef animal as well as the dairy animal. The best blood in the world, however, either beef or dairy, requires good feeding and good care.

On every farm where cows are milked more or less is known about cottage cheese. This is a product which has great value as human food. A pailful of skim milk two or three times per week can be utilized to good advantage in making this cheese.

A clean, well drained barnyard is essential from the standpoint of producing clean milk, not taking into consideration the comfort and satisfaction of milking in such yard. The barn should be located with the idea of obtaining a slope away from the farm buildings.

Get some good blood into the herd through a first-class male. Then raise the best heifer calves from the best cows. This is a practical and cheap way to perpetuate the best blood in the herd and to eventually build a profit-making herd.

Dozens of dairy farmers are feeding and milking 20 cows twice per day each day of the year, when the chances are that 12 or 15 of the number would pay a larger profit. The whole idea is to find out which are the good cows and then give them the attention they need.

If the cows and calves are going through the fences and find their way to the corn field or the cane patch, you can feel assured that the pasture is not good and does not supply the feed necessary for bodily maintenance. More feed inside the pasture is one way of strengthening the pasture fences.

That fall fresh cows and fall and winter dairying are the most profitable is evidenced by the experience of dairymen who have made money from milking cows. Every dairy experience reporting an unusual success involves winter dairying. This in itself is all the proof the farm dairyman needs.

The most perfect separation of the cream from the milk will be obtained by separating at once after milking. Good separators these days will do a good job of separating cold milk, but there is no economy in separating milk when cold. The fat is most easily and thoroughly removed while the milk is warm.

On a great many farms, for various reasons, butter is made instead of selling the cream. On many such farms greater profit and satisfaction would result from making the milk into cheese. Small cheese outfits are obtainable just as is equipment for making butter. At most times of the year the cheese would be more easily and more profitably sold than butter. It is entirely practical to make cheese in a small way on the farm.

The value of alfalfa hay in the dairy ration is confirmed by the fact that it contains more pounds of protein for each 100 pounds of hay than any other kind of cured hay. Comparisons of alfalfa with other hays are: Alfalfa contains 11 pounds of protein for each 100 pounds of hay; alsike clover contains 8 pounds; red clover, 7 pounds, and barley hay 5 pounds. Other hays, such as redtop, Kentucky bluegrass, timothy, and oat hay contain less than 5 pounds.

Rinse all utensils used in the dairy with lukewarm water, then thoroughly wash with sal soda. Do not use soap or any of the washing compounds containing grease. Then rinse with scalding water. This will make the utensils

thoroughly clean. The milk and cream will thereby keep longer. Cold water is useless in cleansing milk pails, separator parts or anything else with which milk or cream has come in contact.

When you are getting the cow barns ready this fall, remove the cobwebs that have accumulated during the summer, with a broom. Brush down the sides of the barn, removing any accumulation of rubbish. Then apply a coat of whitewash. If you have not done this before you will be surprised at the results achieved and the pride the milkers will take in keeping the barn clean and in making it a respectable place in which to work an hour or two each day.

Our subscriber, C. E. L., Perry, Kan., asks how the musty smell can be removed from the churn. Place several lumps of unslaked lime in the churn with water enough to make the lime creamy. Put on the lid and leave it for a half hour. Churn several minutes. Remove the lime water. Scald thoroughly with boiling water. Drain the water out and allow the churn to air. If the first trial of this method does not sweeten the churn, repeat the operation.

Determine now that this fall's calves will be better grown than those of last fall. The calf will eat just a little grain at two weeks old if he is given a chance. A little corn or Kafir chops is good. Kafir is best. It offsets the laxative tendency of the skim milk. A double handful of chop night and morning will accomplish wonders in the calf's growth. Give the calf a chance to eat hay as soon as he will. Calves cannot grow without feed, and if the calf is worth having it should be fed.

Our subscriber, L. E. H., Emporia, Kan., says that in the corn which he will put into the silo there are a good many weeds, and wants to know if this will make his silage objectionable as a dairy feed. Any ordinary weeds in ordinary quantities may be safely placed in the silo with corn. Of course, as few weeds should go into the silo as possible, and it is altogether probable that in every silo more or less weeds are placed. There is no practical way of sorting weeds from the silage. However, the man who feeds the cutter can and should throw out large weeds. The more weeds, the poorer the silage, to be sure.

Have you taken the pains to occasionally note whether or not the separator is being turned to the speed required in the catalog? It is well to hold the watch on the person turning the crank once a week. It is easy to turn the separator one or two revolutions of the crank too few per minute, and it is just as easy to lose considerable butter fat by the slackening speed. The lack of the necessary one or two turns per minute will result in the bowl running six or seven hundred revolutions too slow. This is a little thing, seemingly, but it may save the fat of one cow. You cannot afford to waste this fat after you have gone to the trouble of producing it.

N. B. W., Chapman, Kan., a farm dairyman, asks if it would improve silage as a ration for dairy cows to run alfalfa through the cutter and into the silo at the same time as the corn. Personally we know of no experience along this line. We would not do this, however. The alfalfa is worth more outside the silo than inside. While alfalfa makes fairly good silage, it is not regarded as a silage crop, and is not siloed except in instances when the alfalfa hay may have been damaged by rains or is cut during times when satisfactory curing cannot be obtained. We recommend that this subscriber fill his silo with corn. Feed 35 to 40 pounds of silage per day and let the cows run to alfalfa hay in the racks; they will eat 10 to 12 pounds of alfalfa hay per day. At this time of the season our subscriber would have to place the third or fourth cutting of alfalfa in the silo, and this will make such an excellent quality of hay that we would not think of using it other than fed as hay.



REMINGTON UMC

Scatter Load SHOT SHELLS



When they're apt to get up close, slip in a Remington-UMC Scatterload—

and make your choke bore gun good in brush or thicket.

Arrow and Nitro Club steel lined scatterload shot shells open up your pattern so evenly that your bird can neither get too much nor too little.

A special system of wadding gives at 25 yds. a spread equal to that of a standard shell at 40 yds. and with greater penetration.

The steel lining gives the speed plus perfect pattern. Get a box to-day. Your local dealer has them. Try them on a paper target with your old duck gun.

**Remington Arms-Union Metallic Cartridge Co.**  
299 Broadway New York City



**Rubber Roofing**

Warranted For Twenty-Five Years. Freight Paid. In Any State East of Rocky Mountains, except Texas, Okla., Colo., N.D., S.D., Wyo., Mont., N.M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

**ONE-PLY** ... Weights 25 lbs., 108 Square Feet, \$1.10 per roll.  
**TWO-PLY** ... Weights 45 lbs., 108 Square Feet, \$1.30 per roll.  
**THREE-PLY** ... Weights 65 lbs., 108 Square Feet, \$1.50 per roll.

**TERMS CASH.** We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

**Indestructible by Heat, Cold, Sun or Rain.**

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.

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For the farmer and breeder for sale at this office. Send for catalog. Address KANSAS FARMER, TOPEKA, KAN.

## BOWSER SWEEP MILLS

Different from all others. Grind Corn with shucks. Kaffir in the head and all kinds of small grain. 4 and 2 horse sizes. (Also make 10 sizes of ball mills) FREE—Booklet on "Feed and Manure" C.N.P. Bowser Co., South Bend, Ind.



## Live Stock Awards at Kansas State Fair

Continued From Page Eleven

on Beau Helena; 4, Jones Bros., on Beau Simpson 26th; 5, Jones Bros., on Beau Simpson 26th.

Senior Cow.—1, Cudahy, on Scottish Lassie; 2, Hazlett, on Sine; 3, Green, on Lady Governor 6th; 4, Gibbons & Sons, on Priscilla.

Cow Two Years and Under Three.—1, Cudahy, on Perfectian Lass; 2, Jones Bros., on Daisy; 3, Hazlett, on Blossom 4th; 4, Klaus Bros., on Miss Wilkin 26th.

Senior Yearling Heifer.—1, Jones Bros., on Sally; 2, Green, on Lulu; 3, Gibbons & Sons, on Pansy Belle 4th; 4, Hazlett, on Melzah.

Junior Yearling Heifer.—1, 2 and 3, Cudahy, on Sedaline 2d, Mill P. Fairfax, and Amy Donald; 4, Klaus Bros., on Miss Miller 27th; 5, Hazlett, on Idyllette.

Senior Heifer Calf.—1 and 2, Cudahy, on Pearl Donald and Donald; 3, Hazlett, on Mauxella; 4 and 5, Green, on Belle Mischief 33d and Belle Mischief 34th.

Junior Heifer Calf.—1 and 2, Cudahy, on Little Mischief and Anita Donald; 3, Green, on Gertrude Mischief; 4, Gibbons & Sons, on Priscilla; 5, Klaus Bros., on Miss Miller 88th.

Aged Heifer.—1, Cudahy; 2, Hazlett; 3, Klaus Bros.

Young Heifer.—1, Cudahy; 2, Green; 3, Hazlett.

Calf Heifer.—1, Cudahy; 2, Hazlett; 3, Green.

Get of Sire.—1, Cudahy; 2, Gibbons & Sons; 3, Green.

Produce of Cow.—1, Gibbons & Sons; 2, Gibbons & Sons; 3, Klaus Bros.

## ANGUS.

Exhibitors.—W. J. Miller & Son, Newton, Ia.; Charles E. Sutton, Lawrence, Kan.; A. C. Binnie, Alta, Ia.

Aged Bull.—1, Binnie, on Klamon; 2, Miller, on Everblack.

Two-Year-old Bull.—1, Binnie, on Black Pridewood; 2, Miller & Son, on Peter Pan of Alta.

Senior Yearling Bull.—1, Miller & Son, on Rose Gay 6th.

Junior Yearling Bull.—1, Miller & Son, on Choice Chief; 2, Sutton Farm, on Queen's Dutch Lad.

Senior Bull Calf.—1, Miller & Son, on Heather Keyler; 2, Binnie, on Pride Klamon; 3, Sutton Farm, on Ribboy.

Junior Bull Calf.—1, Binnie, on Erma; 2, Sutton Farm, on Wakarusa Heather; 3, Miller & Son, on Everlet; 4, Sutton Farm, on Wakarusa King.

Three-Year-old Cow.—1, Miller & Son, on Barbara Woodson; 2, Binnie, on Ellen of Alta; 3, Miller & Son, on Key of Heather 27th; 4, Sutton Farm, on Barbara McHenry 27th.

Two-Year-old Cow.—1, Binnie, on Abess of Alta; 2, Binnie, on Proud Formosa 2d; 3, Miller & Son, on Enchantress 8th; 4, Miller & Son, on Barbara Woodson 2d.

Senior Yearling Heifer.—1, Miller & Son, on Metz Blackbird 8th; 2, Binnie, on Abess of Alta 2d; 3, Binnie, on Blackbird Lassie of Alta 16th.

Junior Yearling Heifer.—1, W. J. Miller & Son, on Katy Key Mura 2d; 2, W. J. Miller & Son, on Metz Beauty 11th; 3, Sutton Farm, on Wakarusa Coquette 4th; 4, Sutton Farm, on Wakarusa Coquette 3d.

Senior Heifer Calf.—1, Miller & Son, on Metz Barbara; 2, Miller & Son, on Blackbird Woodson; 3 and 4, Binnie, on Krista Kio and Lassie of Alta 19th.

Junior Heifer Calf.—1, Binnie, on Pride

of Alta; 2, Miller & Son, on Erma's Pride; 3, Sutton Farm, on Wakarusa Georgiana; 4, Binnie, on Black Cap of Alta.

Aged Heifer.—1, Binnie; 2, Miller & Son.

Young Heifer.—1, Miller; 2, Binnie; 3, Sutton Farm.

Calf Heifer.—1, Binnie; 2, Miller & Son; 3, Binnie; 4, Sutton Farm.

Get of Sire.—1, Binnie; 2, Miller & Son; 3, Binnie.

Produce of Cow.—1, Binnie; 2 and 3, Miller & Son.

Senior Champion Bull.—Binnie, on Klamon.

Junior Champion Bull.—Miller & Son, on Barka Woodson.

Junior Champion Heifer.—Miller & Son, on Keymar.

Grand Champion Bull.—Binnie, on Klamon.

Grand Champion Cow.—Miller & Son, on Barka Woodson.

Best Individual Animal.—Miller & Son, on Barka Woodson.

## POLLED DURHAMS.

Exhibitors.—J. H. Miller, Peru, Ind.; Achenbach Bros., Washington, Kan.; Ed Stegell, Straight Creek, Kan.

Aged Bull.—1, Achenbach Bros., on The Baron; 2, Ed Stegell, on Orange Lad 2d.

Aged Heifer.—1, Miller; 2, Cudahy.

Young Heifer.—1, Miller; 2, Achenbach Bros.

Calf Heifer.—1, Miller; 2, Achenbach Bros.

Get of Sire.—1, Miller; 2, Cudahy; 3, Achenbach Bros.

Produce of Cow.—1, Miller; 2, Cudahy; 3, Achenbach Bros.

Aged Bull.—1, Achenbach Bros., on The Baron; 2, Stegell, on Orange Lad 2d.

Bull Two Years and Under Three.—Miller, on Sultan's Creling.

Senior Yearling Bull.—Achenbach Bros., on Meadow Sultan.

Junior Yearling Bull.—Stegell, on Fanny's Victor.

Senior Bull Calf.—1 and 2, Miller, on Serene Sultan and Sassy Victor 2d; 3, Achenbach Bros., on Baron Link.

Junior Bull Calf.—1, Miller, on True Sultan; 2, Achenbach Bros., on Baron Exception; 3, Stegell, on Orange Lad 3d.

Aged Cow.—1, Miller, on Wanderer's Trophy; 2, Stegell, on Lady Marshall; 3, Stegell, on Eden Dess 3d.

Cow Two Years Old and Under Three.—1, Stegell, on Rosette; 2, Miller, on Lady Confidence.

Senior Yearling Heifer.—1, Miller, on Capacious Sultana.

Junior Yearling Heifer.—1, Achenbach Bros., on Thankful Martha; 2, Miller, on Queen of Miami 7th; 3, Achenbach Bros., on Baronesse Kora; 4, Stegell, on Nellie Hampton.

Senior Heifer Calf.—1, Miller, on Lady of Quality; 2, Achenbach Bros., on Minute 2d; 3, Stegell, on Elizabeth Phyllis.

Junior Heifer Calf.—1, Miller, on Golden Thorne; 2, Achenbach Bros., on The Baroness; 3, Stegell, on Queen Victoria.

## RED POLLS.

Exhibitors.—Thomas S. Leonard, Beaver Crossing, Neb.; Charles Graf, Bancroft, Neb.; Frank Davis & Sons, Holbrook, Neb.; H. E. Conrad, Harveyville, Kan.

Aged Bull.—1, Graf, on Dandy; 2, Leonard, on Uno; 3, Davis & Sons, on Reo.

Bull Two Years and Under Three.—1, Leonard, on Bread Winner.

Junior Yearling Bull.—1, Graf, on Forster; 2, Leonard, on Cosy's Napoleon Apple.

Senior Bull Calf.—1, Davis & Sons, on K. C. Lad; 2, Conrad, on Jackson; 3, Leonard, on Brownie.

Junior Bull Calf.—1, Davis & Sons, on Max Crema; 2, Graf, on Imperial; 3, Leonard, on Lofly; 4, Davis & Sons, on Big Crema.

Aged Cow.—1, Davis & Sons, on Dewdrop; 2, Graf, on Inas; 3, Davis & Sons, on Ina.

Cow Two Years and Under Three.—1, Davis & Sons, on Lady Dortha 2d; 2, Leonard, on Eliza; 3, Davis & Sons, on Valentine Lady.

Senior Yearling Heifer.—1, Leonard, on Evangeline; 2, Davis & Sons, on Christmas Bells.

Junior Yearling Heifer.—1, Graf, on Dina; 2, Graf, on Ida Two; 3, Davis & Sons, on Miss Crema.

Senior Heifer Calf.—1, Graf, on Alma; 2, Leonard, on Lady Searchlight; 3, Graf, on Rosalie.

Junior Heifer Calf.—1, Davis & Sons, on Violet Crema; 2, Davis & Sons, on Crema Belle; 3, Leonard, on Princess.

Aged Heifer.—1, Graf; 2, Davis & Sons; 3, Leonard.

Young Heifer.—1, Graf; 2, Davis & Sons; 3, Leonard.

Calf Heifer.—1, Davis & Sons; 2, Graf; 3, Leonard.

Get of Sire.—1, Graf; 2, Leonard; 3, Graf.

Produce of Cow.—1, Graf; 2, Leonard; 3, Graf.

## BROWN SWISS.

Exhibitors.—Dahlen & Schmidt, El Dorado, Kan.

Aged Bull.—1, Royal Lad; 2, Governor Stubbs.

Senior Calf.—Traxter.

Senior Cow.—1, Dora C; 2, Henrietta D.

Cow Two Years and Under Three.—1, Rosalia D; 2, Cathlyn Lassie.

Yearling Heifer.—1, Helena; 2, Juliet.

Senior Calf.—1, Eulalia; 2, Dolly Dimple; 3, Princess Velve's Pet.

Aged Heifer.—Dahlen & Schmidt.

Calf Heifer.—Dahlen & Schmidt.

Get of Sire.—1 and 2, Dahlen & Schmidt, on Delma C and Royal Lad.

Produce of Cow.—1 and 2, Dahlen & Schmidt, on Princess Vela and Pentae Princess.

Senior Champion Bull.—Dahlen & Schmidt on Royal Lad.

Junior Champion.—Dahlen & Schmidt, on Traxter.

Senior Champion Cow.—Dahlen & Schmidt.

Junior Champion Heifer.—Dahlen & Schmidt, on Eulalia.

Grand Champion Bull.—Dahlen & Schmidt on Royal Lad.

Grand Champion Cow or Heifer.—Dahlen & Schmidt, on Eulalia.

## GALLOWAYS.

Exhibitors.—Straub Bros., Avoca, Neb.; A. O. Huff, Arcadia, Neb.

Aged Bull.—1, Straub Bros., on Marquis; 2, A. O. Huff, on Meadow Lawn Crusader.

Bull Two Years and Under Three.—1, Straub Bros., on Choice Lassie; 2, Huff, on Captain Joe.

Senior Yearling Bull.—1, Straub, on Casino; 2, Huff, on Mack Craft.

Junior Yearling Bull.—1, Straub Bros., on Monarch 6th; 2, Huff, on Byron Block.

Junior Bull Calf.—1, Straub Bros., on Handsome 4th; 2, Huff, on Fort Wolf.

Aged Cow.—1 and 2, Straub Bros., on Ladylike and Modesty 2d; 3, Huff, on Capitaine.

Cow Two Years and Under Three.—1 and 2, Straub Bros., on Daisy Dimple and Mary Lady; 3, Huff, on Sunbeam.

Senior Yearling Heifer.—1, Straub Bros., on Marianne; 2, Huff, on Lily Wistful.

Junior Yearling Heifer.—1, Straub Bros., on Lillie Melville; 2, Huff, on Dainty Doll.

Senior Heifer Calf.—1 and 2, Straub Bros., on Dew Drop and Dainty Dimple; 3, Huff, on Dolly Dimple.

Junior Heifer Calf.—1, Straub Bros., on Bonnie Bell; 2, Huff, on Evaline.

Aged Heifer.—1 and 2, Straub Bros.; 3, Huff.

Young Heifer.—1, Straub Bros.; 2, Huff.

Calf Heifer.—1, Straub Bros.; 2, Huff.

Get of Sire.—1 and 2, Straub Bros.; 3, Huff.

Produce of Cow.—1, 2 and 3, Straub Bros.

Senior Champion Bull.—Straub Bros., on Choice Master.

(Continued on page 15.)

A high grade, guaranteed durable live rich red barn paint is sold by the Sunflower Paint & Varnish Co. of Ft. Scott, Kansas, direct to the consumer at only 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition worth considering by every farmer. This is a reliable company and now is paint season. Try this paint.

## DE LAVAL CREAM SEPARATORS

The best of all dairy investments  
Saves \$10. to \$15.  
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For Fall Planting. All kinds. A T W H O L E S A L E P R I C E S. Save agents' commission of 40 per cent by ordering direct. PREMIUM WITH EACH ORDER free of 1 to 4 trees, roses, shrubs or other stock. STOCK GUARANTEED first class. CERTIFICATE of Inspection Furnished. Free Fruit Book and Price List. Address Box K. WICHITA NURSERY, WICHITA, KANSAS.

## Sanitary Chicken Roosts.

Mites are the greatest menace to chickens. The only way to be rid of them is by using our roosts. Hundreds of them in use. Made in different sizes. Cost but little. Address Only Sanitary Roost Co., Belleville, Kan.

**SIMPLE, STRONG  
AND  
SANITARY**

**LOUDEN'S**

**BARN EQUIPMENT**

**EASY TO SET-COST BUT LITTLE**

**MAKES BARN WORK EASY-  
COWS  
MORE PROFITABLE**

Quality and Economy are the two bed rock reasons why you can't afford to buy any other than Louden's Modern Barn Equipments. They are the Best Built equipments that money can buy; the lowest priced good equipments made; and the lowest in cost per year—the cheapest in the long run—of any on the market regardless of price.

They are the oldest and best known Barn Equipments on the market—manufactured since 1867, backed up by over 45 years experience—acknowledged the standard all over the world. Steadily growing popularity has made it necessary to constantly enlarge our facilities from the first. Today our goods are made in the biggest, most complete factory of the kind in the world and we are building our second big branch factory—at Albany, N. Y.—in an effort to keep up with the demand for our goods. This is the best possible proof of their superiority.

## Louden Dairy Barn Equipments.

are designed and built to give greater comfort, cleanliness and health for the Dairy Cow and bigger profits for you.

## Louden's FAMOUS FLEXIBLE STEEL STANCHIONS and SANITARY STEEL STALLS

are built of the best material obtainable, are neat, plain, simple, well-proportioned, absolutely sanitary and will outlast the rest of the barn.

## Louden's Feed and Litter Carriers with patented high power Hoisting Gear, Roller Bearings and Automatic Dump, are the heaviest, strongest, lightest-running carriers on the market, and they cut the drudgery out of barn work.

100% increase in the sales of these goods last year is convincing proof of their merit.

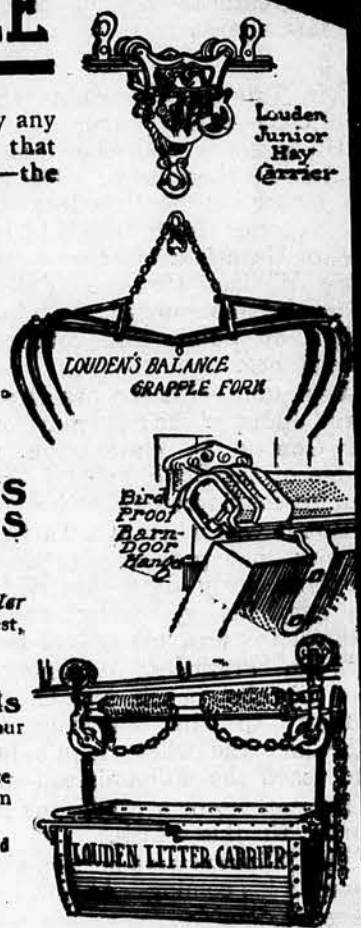
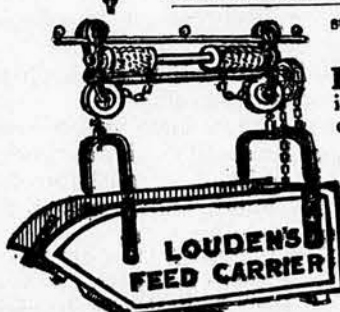
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Louden Equipments cost so little, pay so big and make farm work so much easier and more pleasant that no farmer no matter how small his place can afford to do without them. Examine them at the Loudens Dealer's or write us for full information. Send rough sketch of your barn.

If you expect to build or remodel your barn tell us your needs and our Architectural Experts will furnish you FREE advice and suggestive plans which will save you money and worry and give you a better barn.

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**LOUDEN MACHINERY CO., 1072 Broadway, FAIRFIELD, IOWA.**





# The Real Taft

**L**ET'S look for a moment upon the *Man* side of this Presidential Contest. It's a mighty important deciding factor after all.

Platforms may be built and policies framed that are full of glowing promises.

But a platform, after all, is only words.

The man behind the words either gives them *living action* or proves them a hollow mockery.

The great American privilege is to discount assertions which lack the proof.

And, in this matter of before-election promises, the public has become a pretty critical judge.

"Who is going to do it?"—and "What has he *already* done to *prove* that he will do it?"—

These are the questions the people of America are asking seriously right now.

You, Mr. Farmer, want an answer to that question.

You are used to dealing man-to-man—out in the open places—where you can read in the other fellow's eye what he is, and where he stands.

You know that the prettiest *reading* platform ever written, the finest future-administration program ever mapped out, is worthless unless there is a *straight-seeing* man, with a *steel-backbone* to carry it out.

A man with the courage to do his own thinking—to fight his own fight—without bluster or buncombe—without chasing moonbeams.

That man in the present contest is William Howard Taft.

\* \* \*

And that you may know him better as a *Man*—that you may decide from that knowledge whether or not he is *your* kind of a *Man* for president—these personal facts are given.

For thirty years Mr. Taft has been active in public life.

But with him *public life* and *publicity* have meant two entirely different things.

He not only refuses to seek notoriety, but he continually avoids it.

He hasn't any desire to see his name "on the front page," nor his portrait in colors on every dead wall.

He is not the man behind the megaphone.

This is not from mock modesty—but because Mr. Taft prefers to let the things he does stand on their own merits and prove in their results.

And because he has some "old-fashioned ideas" about the dignity of his office.

He doesn't send for reporters to tell the world of his greatness—nor for camera men to catch his latest pose.

\* \* \*

Mr. Taft frankly admits that he is not a politician—which is true.

He is not a politician, but he is a statesman and a born judge. His grandfather and his father were both judges. His father left the Superior Court Bench to become a member of Grant's cabinet.

So William Howard Taft came by his judicial temperament, and broad, intelligent vision on public and corporate matters by inheritance.

Beginning with the practice of law, he was made Judge of the Superior Court, then Solicitor General at Washington, and after that Judge of the Sixth Federal Circuit—in direct line for the Supreme Bench.

But it was what Mr. Taft did in the Philippines that proved more than anything else in those early days, his real manhood, his courage, his sympathy and patience, his judicial fairness, his gift of leadership.

When President McKinley asked him to give up the bench and his prospect of promotion to the Supreme Court, and to "shoulder the white man's burden"—to go and teach the Filipinos self-government—

He put his own ambitions aside, and took up the thankless task.

The Filipinos were hostile, suspicious. They resented his coming. At first he was in serious personal danger.

His three years' work on the islands would have taken the heart out of a weaker man. But he remained.

How Taft won the Filipinos' friendship and confidence—how he convinced them that he was working unselfishly for them, and not against them—is history.

He gave them schools; honest courts of justice.

He secured for them the rights to buy lands on easy terms.

He was the Big Father to all the Islanders—and when he left, after starting them so well in the way to self-government,—it was to become Secretary of War and of our Insular Possessions, where he could still guard over them.

In Cuba, Mr. Taft restored peace between the warring factions and directed the reorganization of the self-government there on a practical, successful basis.

His work in connection with the Panama Canal showed his wonderful foresight. As Secretary of War he made the peaceful completion of the Canal possible by pacifying the Panama Government and people, who were suspicious that our Government had gone to the Isthmus to build a rival State, instead of a Canal.

As President, he has advanced the work upon the Canal more than anyone before him, and he now looks forward to its completion in seventeen months.

His whole administration has been a record of *doing things*.

Mr. Taft during his administration has cut out every needless governmental expenditure. He has introduced economies wherever possible. Has added to the country's income.

Under his administration the *shortage* of nearly fifty-nine million dollars in the U. S. Treasury at the end of Roosevelt's administration was changed to a *surplus* of over forty-seven million dollars in 1911.

Taft's record as a *Man* and as an Executive is clean.

It stands for sincerity and justice—betterment of conditions for every one.

It stands for Progress.

—Without regard to popular applause.

\* \* \*

The Third Term Candidate has been touring the country preaching the gospel of a "change." He has attacked Mr. Taft from every angle.

His pet charge—the shot that he fires again and again—is that Mr. Taft is "boss-ridden"—that he is clay in the hands of others.

From what Mr. Taft's record proves him to be, this is the most foolish of charges.

No Sir, Mr. Taft is certainly *not* "boss-ridden," nor driven by any interest but the people's interests.

There never was a president who stuck straighter and truer to his own ideas and principles.

There never was a president who more completely and positively refused to be influenced against his own convictions.

And nobody knows this better than Mr. Roosevelt.

For if Mr. Taft had been weak-spined, docile,—a puppet in Roosevelt's hands,—there would never have been a new party.

\* \* \*

President Taft does not "play politics."

His political advisers, who have urged him to do this thing and that for policy's sake, have found him not to be moved the fraction of an inch.

That he would "rather be right than President" is not a mere saying with him. He lives up to it in every action every day of his life.

Like Lincoln, he does the thing without fear, on his own decision,—as is given him the power to see the right."

\* \* \*

President Taft knew when he asked for a Tariff Board that he would injure his political chances. But that didn't stop him.

It didn't prevent him from lifting the Tariff investigation clear of politics, and appointing a commission of competent men of all political creeds to get at the heart of the

Political Advertisement.

actual net costs of production and manufacture, at home and abroad.

Mr. Taft fought for this Board almost single handed, and against his political friends,—against Congress. But he won.

He was the first President to lay his hand upon real Tariff needs.

The first President to show the nerve to go into the Tariff in an absolutely scientific way.

For example, his Tariff Board has given the government the first thorough and complete report on wool and cotton that was ever secured.

Such a body must be maintained. For without it there cannot be a just and safe revision that will consider equally and fairly the interests of everyone.

\* \* \*

President Taft proved himself not a politician when he made a working weapon of the Sherman Law, which his predecessor had used for oratory and effect, but not for action—

When he brought to time The American Tobacco Company, The American Sugar Refining Company, the U. S. Steel Corporation, The Standard Oil Company, and many other corporations that were in violation of the "Anti-Trust" Law.

Mr. Taft secured forty-five indictments during his first three years in office, as opposed to a total of thirty-three indictments secured during the administrations of Harrison, Cleveland, McKinley, and Roosevelt—or all the indictments secured since the Sherman Law went into effect.

President Taft did not *talk* on the Monopoly Question—he *acted* on it.

And the result is, that independent manufacturers in all of these different lines today, have a fairer show than they ever had before.

He protected the Wool Industry in America, by his veto—in the face of loud popular objection—of the Democratic Wool Bill.

Under his administration agricultural study and development increased every year, till last year the farmers had the benefit of the greatest amount ever spent by the government on agricultural work—Sixteen Million Dollars.

But, note please, this year the "farmer-loving" (?) Democrats, represented by a Democratic House, *cut down* the agricultural appropriation, instead of giving it a well warranted increase.

That's a sample of the vaunted Democratic "friendship for the farmer."

\* \* \*

Mr. Taft saw the weakness in the present Patent laws—the opportunities they give for monopoly in manufacturing. He recommended laws that would tend to control special patent privileges.

\* \* \*

Yet Mr. Taft had always supported legitimate business—large or small.

His wise and just Tariff policy—his protective Americanism,—has given a confidence to National industries they have never felt before.

Mills, mines, and factories, are running full time; there are no financial troubles. The farmer's market—the home market—is right at his door—ready to consume practically his entire production. And his products bring a higher value than ever before in the history of the country.

\* \* \*

These things all prove the standard of the *man*.

They prove his sterling personal worth, his keen judicial sense, his broad-gauge policies, his business understanding.

And they certainly prove that the country is safe with Mr. Taft at its head—

—And they prove that there is an even better and bigger Prosperity ahead, under the policies of this quiet, firm and forceful man, who knows his mind, and is not to be turned from his own wise decisions.

REPUBLICAN NATIONAL COMMITTEE  
CHARLES D. HILLES, Chairman  
JAMES B. REYNOLDS, Secretary



# Live Stock Awards at Kansas State Fair

Continued From Page Thirteen

Junior Champion Bull.—Straub Bros., on Casino.  
Senior Champion Cow.—Straub Bros., on Ladylike.  
Junior Champion Heifer.—Straub Bros., on Marianne.  
Grand Champion Bull.—Straub Bros., on Choice Master.  
Grand Champion Heifer.—Straub Bros., on Ladylike.

## JERSEYS.

Exhibitors.—Smith & Roberts, Beatrice, Neb.; F. J. Scherman, Topeka, Kan.  
Senior Bull.—Smith & Roberts, on Stockwell's Fern Lad.  
Bull Two Years and Under Three.—1, Smith & Roberts, on Silverene's Combination; 2, Scherman, on Col. Theodore.  
Yearling Bull.—Smith & Roberts, on Stockwell's Roter.  
Senior Bull Calf.—1, Smith & Roberts, on Oxford's Sultan Lad; 2, Smith & Roberts, on Stockwell's Champion; 3, Scherman, on Grand Fern Lad.  
Bull Under Six Months.—1, Smith & Roberts, on Warder's Stockwell; 2, Scherman, on Princess Lowana's Fox.  
Senior Cow.—1, Smith & Roberts, on Warder's Proud Beauty; 2, Smith & Roberts, on Golden Maid Lady; 3, Smith & Roberts, on Foundain's Katydid; 4, Scherman, on Gorgeous Nigretta.  
Cow Two Years and Under Three.—1, Smith & Roberts, on Stockwell's Proud Beauty; 2, Smith & Roberts, on Bonnie Beehive; 3, Scott, Topeka, on Pride of Topeka; 4, Scherman, on Winnie's Golden Baby.  
Heifer One Year Old and Under Two.—1 and 2, Smith & Roberts, on Oxford's Lady Wonder and Oxford's Lady Sultan; 3, Scherman, on Our Fern; 4, Smith & Roberts, on Lady Irene.  
Heifer Six Months and Under Twelve.—1, Smith & Roberts, on Oxford's Silver Fan; 2, Smith & Roberts, on Stockwell's Beauty; 3, Scherman, on Bonnie Beehive; 4, Scherman, on Oxford's Lady Fern; 5, Scott, on Oxford's Lassie; 6, Scott, on Aged Herd.—1 and 2, Smith & Roberts; 3, Scherman.  
Young Herd.—1 and 2, Smith & Roberts; 3, Scherman.  
Calf Herd.—1 and 2, Smith & Roberts; 3, Scherman.  
Get of Sire.—1 and 2, Smith & Roberts; 3, Scherman.  
Produce of Cow.—1 and 2, Smith & Roberts; 3, Scherman.  
Senior Champion Bull.—Smith & Roberts, on Stockwell's Fern Lad.  
Junior Champion Bull.—Smith & Roberts, on Oxford's Sultan Lad.  
Senior Champion Cow.—Smith & Roberts, on Warder's Proud Beauty.  
Junior Champion Heifer.—Smith & Roberts, on Oxford's Lady Sultan.  
Grand Champion Bull.—Smith & Roberts, on Stockwell's Fern Lad.  
Grand Champion Cow.—Smith & Roberts, on Warder's Proud Beauty.

## HOLSTEINS.

Exhibitors.—Frank White, Hampton, Ia.; Charles Holston & Son, Topeka; W. C. Jones & Sons, Topeka; George L. Rosetter, Topeka.  
Aged Bull.—1, White on Groveland, on Inka Hyland; 2, Holston & Sons, on Sir Wintie Korndyke.  
Senior Yearling Bull.—1, Jones & Son, on Peterje Hengerveld Nannette; 2, White, on Groveland Sir Pontiac Inka.  
Junior Yearling Bull.—1, Jones & Son, on Golden Star Sir Netherland; 2, Rosetter, on Sir Korndyke Beechwood.  
Senior Bull Calf.—1, White, on Groveland Aggie DeKol; 2, White, on Groveland Sir Pontiac Hyland; 3, Jones & Son, on Sir Lady Smith Netherland; 4, Jones & Son, on Peterje Hengerveld Nannette 6th.  
Junior Bull Calf.—1 and 2, Jones & Son, on Peterje Hengerveld Nannette 7th and 8th.  
Aged Cow.—1, White, on Pauline Witkop Netherland; 2, Jones & Son, on Lilly Gerbert; 3, Holston & Son, on Duchess Feldsoar DeKol 2d; 4, White, on Netherland Tween Peterje.  
Two-Year-Old Cow.—1, 2, 3 and 4, White, on Groveland Pontiac Hyland, Groveland Korndyke Cornucopia, Groveland Witken Inka and Groveland Idske Pontiac.  
Yearling.—1, 2 and 3, White, on Groveland DeKol Inka, Groveland Mercedes Inka and Beauty DeKol DeVries 2d; 4, Jones & Son, on Cornelia Tracer 3d.  
Senior Heifer Calf.—1, 2 and 3, White, on Groveland Inka Netherland, Groveland Inka Mercedes and Artis Pontiac Susie Judith; 4, Jones & Son, on Viola Beechwood Netherland.  
Heifer Calves.—1, 2 and 4, White, on Butter King Mollie Segis, Groveland Hyland Korndyke, and Groveland Beauty DeKol Pontiac; 3, Jones & Son, on Pert Peterje Hengerveld.  
Aged Herd.—1, White; 2, Jones & Son; 3, Holston & Son; 4, White; 2, Jones & Son; 3, Holston & Son.  
Calf Herd.—1 and 2, White; 3, Jones & Son.  
Get of Sire.—1 and 2, White, on Cornucopia Pontiac Johanna Lad and Groveland Inka Hijaard; 3, Jones & Son, on Ethel Alexander and Sir Netherland.  
Produce of Cow.—1, 2 and 3, White, on Lady Ona Jiglaard, Mercedes Jesse Arona and Beauty DeKol DeVries.  
Senior Champion Bull.—White, on Groveland Inka Hijaard.  
Junior Champion Bull.—Jones & Son, on Golden Star Sir Netherland.  
Senior Champion Cow.—White, on Groveland Pontiac Hijaard.  
Junior Champion Heifer.—White, on Groveland Inka Netherland.  
Grand Champion Bull.—White, on Groveland Inka Hijaard.  
Grand Champion Cow.—White, on Groveland Pontiac Netherland.

## GUERNSEYS.

Exhibitors.—Wilcox, Stubbs & Co., Des Moines, Iowa.  
Aged Bull.—Holden IV.  
Bull Two Years and Under Three.—Bob Rilla.  
Yearling Bull.—Manosas of Iowa.  
Senior Calf.—1, Queen's Prince; 2, Not named.  
Junior Calf.—1, Bob Rilla 2d; 2, Alnies Holden; 3, Glornis Boy of Iowa; 4, Glornis Lad of Iowa.  
Senior Cow.—1, Alleen of Louton, Ind.; 2, Patricia of Sarnia; 3, Glenwood's Free Silver Girl; 4, Daplmay 3d of the Tillents.  
Senior Cow.—1, Wilcox, Stubbs & Co., on Bell Daisy of Sarnia; 2, Wilcox, Stubbs & Co., on Daisy Bell of Sarnia.  
Yearling Heifer.—1, Wilcox, Stubbs & Co., on Short of the Grand Capello; 2, Wilcox, Stubbs & Co., on Blossom's Bridget of Iowa.  
Senior Heifer Calf.—1, Wilcox, Stubbs & Co., on Francis Rilla of Iowa; 2, Wilcox, Stubbs & Co., on Roses Rilla of Iowa; 3, Wilcox, Stubbs & Co., on Daisy Belle of

Fairview; 4, Wilcox, Stubbs & Co., on Belle Daisy of Fairview.  
Junior Heifer Calf.—1, Wilcox, Stubbs & Co., on Calla's Rilla; 2, Wilcox, Stubbs & Co., on Mashe's Recheese.  
Senior Champion Bull.—Wilcox, Stubbs & Co., on Bob Rilla.  
Junior Champion Bull.—Wilcox, Stubbs & Co., on Bob Rilla 2d.  
Grand Champion Bull.—Wilcox, Stubbs & Co., on Bob Rilla.  
Aged Herd.—1 and 2, Wilcox, Stubbs & Co.  
Young Herd.—Wilcox, Stubbs & Co.  
Calf Herd.—Wilcox, Stubbs & Co.  
Get of Sire.—1 and 2, Wilcox, Stubbs & Co.  
Produce of Cow.—1 and 2, Wilcox, Stubbs & Co.  
Senior Champion Cow.—Wilcox, Stubbs & Co., on Aline of Lawton.  
Junior Champion Heifer.—Wilcox, Stubbs & Co., on Frances Rilla.  
Grand Champion Cow.—Wilcox, Stubbs & Co., on Aline of Lawton 2d.

## FAT CATTLE.

Exhibitors.—W. J. Miller & Son, Newton, Ia.; Kansas State Agricultural College, Manhattan, Kan.; E. M. Hall, Carthage, Mo.; D. Teitjen, Bellevue, Ia.; Robert H. Hazlett, El Dorado, Kan.  
Two Years and Under Three.—1, 2 and 3, Kansas State Agricultural College, on Orange Dale, Insurgent Envoy and Archie; 4, Miller & Son, on King Burn.  
One Year Old and Under Two.—1, Hall, on Hallwood; 2, Kansas State Agricultural College, on Benedict; 3, Miller & Son, on Glen Prince.  
Under One Year Old.—1, Hazlett, on Blanco; 2, Teitjen, on Dutch Joe 2d; 3, Kansas State Agricultural College, on Fletcher.  
Group of One Calf, One Yearling and One Two-Year-Old.—1 and 2, Kansas State Agricultural College; 3, Miller & Son.  
Champion Shorthorn.—Kansas State Agricultural College, on Orange Dale.  
Champion Hereford.—Hazlett, on Blanco.  
Champion Angus.—Kansas State Agricultural College, on Insurgent Envoy.  
Champion Galloway.—Kansas State Agricultural College, on Medalist.

## POLAND CHINAS.

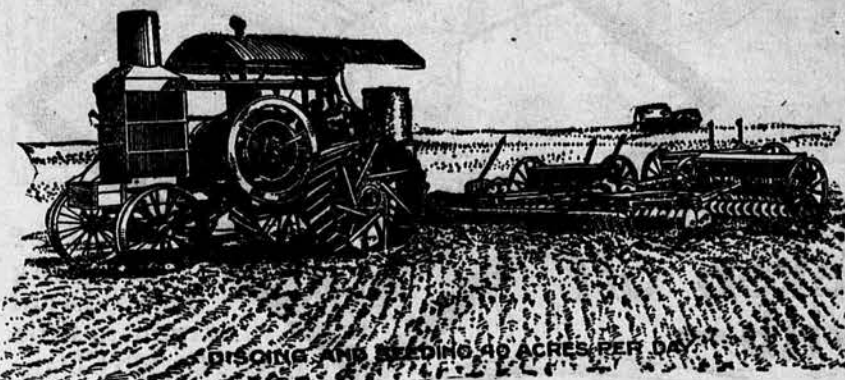
Exhibitors.—Lambert Bros., Smith Center, Kan.; Stryker Bros., Fredonia, Kan.; J. C. Meese, Ord, Neb.; John Gildow & Son, Jamesport, Mo.; R. E. Baird, Central City, Neb.; Lyman Peck, Fort Calhoun, Neb.; Hill & King, Dover, Kan.; and H. L. Faulkner, Jamesport, Mo.  
Aged Boars.—1, Baird, on Columbine; 2, Gildow & Son, on Pawnee Chief Hadley; 3, Peck, on Big Mischief; 4, Faulkner, on Lily Sunday.  
Boar Eighteen Months and Under Two Years.—1, Meese, on Big Gun; 2, Stryker Bros., on Choice Pilate; 3, Lambert Bros., on Westker Referee.  
Junior Yearlings.—1, Baird, on Skylight; 2, Meese, on Nebraska Progressive; 3, Gildow & Son, on Bob Lafollette; 4, Peck, on Rival.  
Boar Six Months and Under Twelve.—1 and 2, Stryker Bros., on Casino and Hadley; 3, Peck, on Blue Ridge Model; 4, Gildow & Son, on Big Sensation.  
Boar Under Six Months.—1, Hill & King, on Dover Lad; 2, Meese, on Orphan Wonder 1st; 3, Lambert Bros.; 4, Baird, on Big Bennie.  
Aged Sows.—1, Lambert Bros., on Helene; 2, Baird, on Baird's Model 2d; 3, Meese, on Miss Mastiff 4th; 4, Peck, on Hillcroft's Amazon.  
Senior Yearling Sow.—1, 2 and 3, Baird, on Champion 1912, Baird's Kind and Baird's Winner; 4, Meese, on Sleek Choice.  
Junior Yearling.—1, Baird, on Nellie's Prize Winner; 2, Meese; 3, Peck, on Show Girl; 4, Baird, on Nellie's Pride.  
Sow Six Months and Under Twelve.—1, Meese, on M's Choice; 2 and 3, Meese; 4, Baird.  
Sow Under Six Months.—1, 2 and 3, Meese, on Sweet Hilda, Sweet Choice and Sweet Mabel; 4, Baird.  
Boar and Three Sows Over One Year.—1 and 3, Baird; 2, Meese.  
Boars and Three Sows Under One Year.—1 and 2, Meese; 3, Stryker Bros.  
Boar and Three Sows Under One Year, Bred by Exhibitor.—1, Baird, 2, Meese; 3, Peck.  
Boar and Three Sows Under One Year, Bred by Exhibitor.—1 and 3, Meese; 2, Gildow & Son.  
Get of Sire.—1 and 3, Baird; 2, Meese.  
Produce of Sow.—1, Meese; 2, Stryker Bros.; 3, Gildow & Son.  
Junior Champion Boars.—Baird, on Columbus.  
Junior Champion Sow.—Stryker Bros., on Casino.  
Senior Champion Sow.—Baird, on Champion of 1912.  
Junior Champion Sow.—Meese, on M's Choice.  
Grand Champion Boar.—Baird, on Columbus.  
Grand Champion Sow.—Baird, on Champion of 1912.

## DUROCS.

Exhibitors.—R. W. Widdle & Sons, Genoa, Neb.; Classen Bros., Union City, Okla.; J. R. Blackshere, Elm Dale, Kan.; E. W. Davis & Co., Glenwood, Mo.; R. D. Martin & Son, Aureka, Kan.; Searle & Cottle, Berryton, Kan.; Thompson Bros., Garrison, Kan.; Albrecht & Son, Smith Center, Kan.  
Senior Boar.—1, Widdle, on Critic B; 2, Widdle, on Bride's/Crimson Wonder; 3, Classen, on Champion Red; 4, Blackshere, on J. R.'s Chief.  
Boar Eighteen Months and Under Two Years.—1, Martin & Son; 2, Davis, on Beauty's Babe; 3, Classen, on Gold Mine; 4, Blackshere, on J. R.'s Col.  
Yearling Boar.—1, Davis, on Helen's Model; 2, Widdle, on Lincoln's Chief; 3, Thompson, on Col. Harris; 4, Searle & Cottle, on Tata Walla.  
Boar Six Months and Under Twelve.—1, 2 and 3, Widdle, on Cedar Grove Wonder, Crimison Wonder 10th and Wilson's Wonder; 4, Blackshere, on Little Chief.  
Boar Under Six Months.—1, Widdle, on Cedar Grove Chief; 2 and 3, Searle & Cottle, on Tat's Bonnie and Thompson, on Golden Queen; 4, Widdle, on M. L.'s Perfection; 3, Blackshere, on Model D; 4, Albrecht, on J. R. Lady.  
Sow Eighteen Months and Under Two Years.—1, Widdle, on Miss Unita Wonder; 2, Davis, on Madora; 3, Classen, on Miss Advanta 2d; 4, Searle & Cottle, on Bonnie Rose.  
Sow Twelve Months and Under Eighteen.—1, Widdle, on Cedar Grove Lady; 2, Davis, on Belle Wonder; 3, Thompson, on Queen Mary; 4, Blackshere, on Duroc Lady 1st.  
Sow Six Months and Under Twelve.—1, Widdle, on Pretty's Choice; 2, Davis, on Model Queen 20th; 3, Blackshere, on Lincoln

(Continued on page 17.)

# This Farm Horse Never Dies



In the short space of a few days, over 10,000 horses in Kansas, have died from a mysterious disease. Twenty-six counties already have felt its awful ravages. Other counties and states are fast becoming infected.

Skilled veterinarians are completely baffled as to the origin or cause of this deadly plague. They are powerless to prescribe a cure, or even offer relief to the calamity stricken farmers.

Important farm work, in many sections, is at an absolute standstill. The price of horses is soaring skyward and will go still higher.

How will you face this crisis?

Even now the disease may be lurking in your barn, your barnyard, or your fields, eager for more victims.

If the plague has not yet struck you, sell your horses at once—then you need have no fear that the morrow will find you helpless.

If you have lost your horses, don't buy new ones. You will simply risk losing them, too, and so bury more good money forever.

In either case, protect yourself. Buy a

## Hart-Parr Oil Tractor The Modern Farm Horse

It never gets sick—never dies. It is made of steel. No disease can kill it and leave you helpless—without power to do your farming.

If you get this tractor NOW, you can finish your fall work on time. And next year and for many years to follow, this same tractor will do all your farm work better and cheaper than you ever could do it with horses.

No other power is so efficient, reliable and economical. A Hart-Parr Oil Tractor uses the CHEAPEST KEROSENE for fuel, costs you little for up-keep, but at every turn backs you up with abundant power—every day—and in any emergency. It furnishes you the strength and power of 15 to 30 horses, centered in a body of steel that no disease can kill or render useless.

## Our Wichita or Lincoln Branches Can Fill Your Order Now

If you can't call in person—mail, telegraph or telephone your order. Hart-Parr Service will get a tractor to you in record time, and so put an end to all your power worries and troubles.

**Hart-Parr Co.,** Wichita, Kans.  
Lincoln, Nebr.





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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.

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Address: Hoosier Stove Co., 209 State St., Marion, Ind.

# HOME CIRCLE



### Sometimes It Don't.

"Ma, do folks live happy ever after when they get married?"

"They ought to, my child."

"Ma, why don't you and pa get married?"

"Why, we are, of course!"

"Maybe it didn't take."

A sweet apple put into the cookie jar is said to keep the cookies from drying out.

The addition of a few spoonfuls of grated chocolate added before baking is said to make gingerbread richer and does not affect the flavor.

To remove tar or axle-grease from wash goods, rub freely with lard in which a little turpentine has been mixed. It can then be washed without leaving a stain.

It is a bad plan to let the flat irons stand on the range day after day to heat and cool and gather rust and dampness. As soon as the ironing is done the irons should be well cleaned and put away in a dry place.

A very restful habit is that of taking a little nap for a few moments every day. A doctor once said, "If women would learn to stop when they are tired and take a little rest in the middle of the day they would have no need of me."

It is said that a good mixture for destroying ants in the house is made of three grains of tartar emetic and four ounces of syrup. Smear this over bits of china or chips and place in the ants' runway. They will carry the mixture to their nest and feed the larvae upon it, and thus kill out the entire colony.

### Ginger Cookies.

One cupful lard or butter, one cupful sugar, three eggs, one cupful molasses, one cupful sour milk, one teaspoonful soda, one teaspoonful cinnamon, one teaspoonful ginger, one teaspoonful allspice, add flour to handle easily. Roll out thin and bake in moderate oven.

### Tomato Catsup.

To one quart of tomato pulp take one cup of strong vinegar, one-half cup sugar, salt, pepper and spices to taste. (The ground mixed spices will do.) Put them in a sack, boil 20 minutes and let cool enough to squeeze with the hand. The success of catsup making is in boiling until the pulp is so thick that no water will rise on top when the catsup stands, which may be determined by taking some out in a spoon. If it does not separate at all it is done. Bottle, cork and seal tight. This catsup will keep where it is light.

### Kitchen Measures.

The following valuable table of weights and measures for kitchen use has been prepared by the domestic science department of the Oregon Agricultural College:

Three teaspoonfuls equal one tablespoonful.

Twelve tablespoonfuls (liquid) equal one cup.

Sixteen tablespoonfuls (dry) equal one cup.

Two cups equal one pint.

Two tablespoonfuls of butter equal one ounce.

Four tablespoonfuls of flour equal one ounce.

Two tablespoonfuls of granulated sugar equal one ounce.

Two tablespoonfuls of liquid equal one ounce.

Juice of one lemon equals three tablespoonfuls.

Four cups of sifted flour equal one pound.

Two cups granulated sugar equal one pound.



5446

No. 5446. Ladies' Dress.—The popular Gibson effect is shown in the charming dress presented here. It is made with a guimpe and give-gored skirt, having inverted plait or habit back. Cashmere, mohair, or linen is available. The pattern, 5446, is cut in sizes 32 to 42 inches bust measure. Medium size will require 7 1/2 yards of 27-inch goods, 5 1/4 yards of 36-inch material, or 4 1/4 yards of 44-inch fabric. Price of pattern, 10 cents.



5431

No. 5431. Ladies' Dress.—In this simple dress we have one of the newer models. The waist is plain, except for the large square collar, which trims the outline of the opening, where there is also a small shield. The seven gore skirt is arranged with a panel front, at the left side of which is the opening. The back of the skirt is laid in a box pleat which is stitched down part of its length. These dresses are made of soft fabrics, such as fine twill serge, silk, satin, cheviot, etc., are trimmed with braid and buttons. The large collar is frequently of lawn and lace. The pattern, 5431, is cut in sizes 32 to 42 inches bust measure. Medium size requires 4 1/4 yards of 44-inch material. Price of pattern, 10 cents.

Important—In ordering patterns, be sure to give date of issue in which they appear, number and size wanted.



# LIVE STOCK AWARDS

(Continued from page fifteen)

**Brad by Exhibitor.**—1, Blackshire; 2, Model 2d; 4, Davis, on Model Queen 25th. Sow Under Six Months.—1 and 2, Searle & Cottle; 3, Blackshire; 4, Widdle. Boar and Three Sows Under One Year.—1, Widdle & Sons; 2, Davis; 3, Thompson; 4, Blackshire; 2, Thompson; 3, Searle & Cottle. Boar and Three Sows Over One Year, Bred by Exhibitor.—1, Widdle; 2, Davis; 3, Thompson. Boar and Three Sows Under One Year, Thompson; 3, Searle & Cottle. Four Animals Any Age, Get of Same Boar.—1, Widdle; 2, Blackshire; 3, Searle & Cottle. Four Animals Under Twelve Months, Produce of Same Sow.—1, Widdle; 2, Classen; 3, Searle & Cottle. Senior Champion Boar.—Widdle, on Critic B. Junior Champion Boar.—Widdle, on Cedar Grove Wonder. Senior Champion Sow.—Widdle, on Miss Unita Wonder. Junior Champion Sow.—Widdle, on Pretty's Choice. Grand Champion Boar.—Widdle, on Critic B. Grand Champion Sow.—Widdle, on Miss Unita Wonder.

**DUROC ASSOCIATION SPECIALS.** Boar and Three Sows, Owned by Exhibitor.—1, Thompson; 2, Searle & Cottle; 3, Blackshire.

**BERKSHIRES.** Exhibitors.—G. W. Berry & Son, Topeka; Sutton Farms, Lawrence, Kan.; Classen Brothers, Union, Okla. Boar, 2 Years Old and Over.—1, Berry, on Masterpiece; 2, Sutton Farms, on Duke's Beacon 8th; 3, Sutton Farms, on Artful Masterpiece; 4, Berry, on Optimo. Boar, 12 Months and Under 18.—Sutton Farms, on Peaceful Charming. Boar, 6 Months and Under 12.—1, Sutton Farms; 2, Berry, on Robin Hood 9th; 3, Sutton Farms.

Boar, Under 6 Months.—1 and 2, Sutton Farms; 3, Classen Bros. Sow, 2 Years Old and Over.—1, Berry, on Ideal Bernice 2d; 2, Berry, on Ruby Silvertip; 3, Berry, on Majestic Duchess. Sow, 18 Months and Under 2 Years.—1, Sutton Farms, on Wakarusa Baroness 9th. Sow, 12 Months and Under 18.—1, Sutton Farms, on Wakarusa Jewell; 2, Sutton Farms, on Dulce's Silvertips. Sow, 6 Months and Under 12.—1, Sutton Farms, on Duchess Royal Star 3d; 2, Sutton Farms, on Duchess Royal Star 4th; 3, Sutton Farms, on Wakarusa Baroness.

Sow, Under 6 Months.—1, Berry, on Silvertips 300; 2, Berry, on Silvertips 301; 3, Sutton Farms, on Jewell Cee; 4, Sutton Farms, on Peaceful Lee. Boar and Three Sows Over 1 Year.—1, Berry; 2, Sutton Farms. Boar and Three Sows Under 1 Year.—1, Sutton Farms, on Jewell Lee; 4, Sutton Farms.

Boar and Three Sows Over 1 Year, Bred by Exhibitor.—1, Sutton Farms. Boar and Three Sows Under 1 Year, Bred by Exhibitor.—1, 2 and 3, Sutton Farms. Four Animals, Any Age, Get of Same Boar.—1, 2 and 3, Sutton Farms. Four Animals, Under 12 Months, Produce of Same Sow.—1 and 2, Sutton Farms; 3, Classen Bros. Senior Champion Boar, Over 12 Months.—Berry. Junior Champion Boar, Under 12 Months.—Sutton Farms. Senior Champion Sow, Over 12 Months.—Berry, on Ideal Bernice 2d. Junior Champion Sow, Under 12 Months.—Sutton Farms, on Duke Royal Star 3d. Grand Champion Boar, Any Age.—Berry, on Masterpiece. Grand Champion Sow, Any Age.—Berry, on Ideal Bernice 2d.

**CHESTER WHITE.** Exhibitors.—Thomas F. Kent, Walnut, Ia.; W. W. Walmsire, Peculiar, Mo. R. W. Gage, Garnett, Kan.; J. G. Walmsire, Peculiar, Mo. Boar, 2 Years Old and Over.—1, Kent, on Iowa Protection; 2, W. W. Walmsire. Boar, 18 Months and Under 2 Years.—1, Kent, on White Boy. Boar, 12 Months and Under 18.—1, Kent, on Combination A; 2, Kent, on Combination B; 4, Kent, on Iowa Progress. Boar, 6 Months and Under 12.—Kent, on Iowa Chief; 2, Gage, on Bob White. Boar, Under 6 Months.—2, W. W. Walmsire; 3 and 4, J. G. Walmsire. Sow, 2 Years Old and Over.—1, Kent, on Iowa Production; 2, Kent, on Iowa Bessie 2d; 3, Kent, on Iowa Mildred; 4, W. W. Walmsire. Sow, 18 Months and Under 2 Years.—1, Kent, on Kent's Kind. Sow, 12 Months and Under 18.—1, Kent, on Iowa Agnito; 2, Kent, on Iowa Royal;

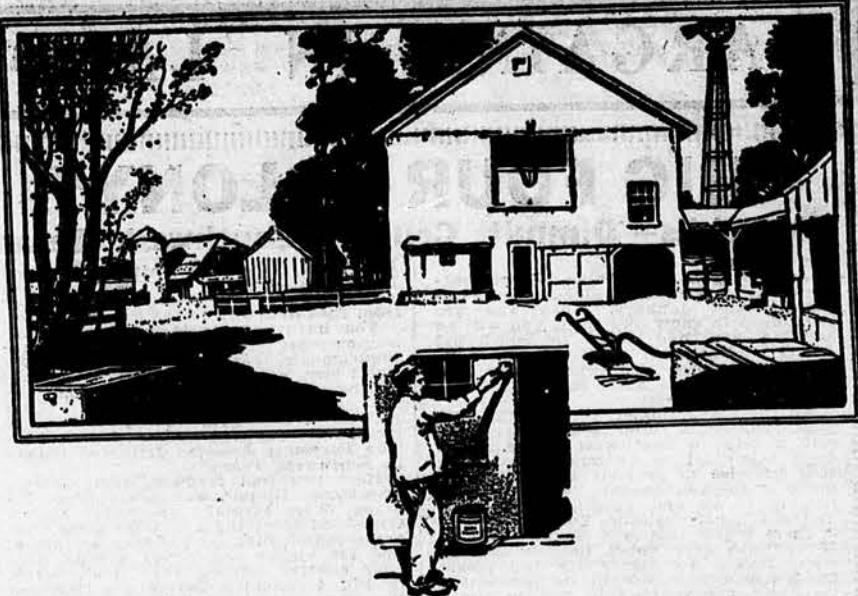
Kent, on Iowa Blanche; 4, Kent, on Iowa Georgia. Sow, 6 Months and Under 12.—1, Kent, on Iowa Favorite; 2, Kent, on Iowa Royal; 3, Kent, on Iowa Louisa; 4, Gage, on O. K. Bess. Sow, Under 6 Months.—1, J. G. Walmsire; 2, W. W. Walmsire. Boar and Three Sows Over 1 Year.—1 and 2, Kent; 3, W. W. Walmsire. Boar and Three Sows Under 1 Year.—1, Kent; 2, Gage; 3, W. W. Walmsire. Boar and Three Sows Over 1 Year, Bred by Exhibitor.—1 and 2, Kent. Boar and Three Sows Under 1 Year, Bred by Exhibitor.—1, Kent; 2, Gage; 3, W. W. Walmsire.

Four Animals, Any Age, Get of Same Boar.—1, Kent; 2, Gage; 3, J. G. Walmsire. Four Animals, Under 12 Months, Produce of Same Sow.—1, Kent; 2, Gage; 3, J. G. Walmsire. Senior Champion Boar, Over 12 Months.—Kent, on Iowa Perfection. Junior Champion Boar, Under 12 Months.—Kent, on Iowa Chief. Senior Champion Sow, Over 12 Months.—Kent, on Iowa Production. Junior Champion Sow, Under 12 Months.—Kent, on Iowa Agnito. Grand Champion, Any Age.—Kent, on White Boy. Grand Champion Sow, Any Age.—Kent, on Iowa Production.

**HAMPSHIRES.** Exhibitors.—W. J. Brinigar, Blythedale, Mo.; J. Q. Edwards, Smithville, Mo.; John Binder, Blythedale, Mo. Boar, Two Years Old and Over.—1, Brinigar, on Blythedale Jim; 2, Brinigar, on Duke 2d; 3, Edwards, on Plate. Boar, Eighteen Months and Under Two Years.—1, Brinigar, on Neat Jim; 2, Edwards, on Edwards' True Belt. Boar, Twelve Months and Under Eighteen.—1, Brinigar, on Blythedale Boy; 2, Edwards, on Major Edwards; 3, Brinigar, on Blythedale Lad; 4, Edwards, on Earlington 2d. Boar, Six Months and Under Twelve.—1, Brinigar, on Teddy B. 1st; 2, Brinigar, on Teddy B. 2d; 3, Edwards, on Dr. Weed; 4, Edwards, on Norcat. Boar, Under Six Months.—1 and 2, Brinigar; 3, Binder, on Mr. Binder; 4, Edwards. Sow, Two Years Old and Over.—1, Brinigar, on Blythedale Princess; 2, Edwards, on Miss Clodgers. Sow, Eighteen Months and Under Two Years.—1, Brinigar, on Missouri's Best; 2, Brinigar, on Missouri Beauty; 3, Edwards, on Lulu Long. Sow, Twelve Months and Under Eighteen.—1, Brinigar, on Nice; 2, Brinigar, on Pretty; 3, Edwards, on Madam Hillwood; 4, Binder. Boar and Three Sows Over One Year.—1 and 2, Brinigar; 3, Edwards. Boar and Three Sows Under One Year.—1 and 2, Brinigar; 3, Edwards. Boar and Three Sows Over One Year, Bred by Exhibitor.—1 and 2, Brinigar; 3, Edwards. Boar and Three Sows, Under One Year, Bred by Exhibitor.—1 and 2, Brinigar; 3, Edwards. Four Animals Any Age, Get of Same Boar.—1 and 2, Brinigar; 3, Edwards. Four Animals Under Twelve Months, Produce of Same Sow.—1, Brinigar; 2, Edwards; 3, Binder. Senior Champion Boar Over Twelve Months.—Brinigar, on Blythedale Jim. Junior Champion Boar Under Twelve Months.—Brinigar, on Teddy B. Senior Champion Sow Over Twelve Months.—Brinigar, on Missouri's Best. Junior Champion Sow, Under Twelve Months.—Brinigar, on Maude B. Grand Champion Boar, Any Age.—Brinigar, on Blythedale Jim. Grand Champion Sow, Any Age.—Brinigar, on Missouri's Best.

**SHROPSHIRE.** J. C. Lacey & Son, Meriden, Kan., and George Allen, Lexington, Neb., were the exhibitors of this breed of sheep. Allen was awarded 1 and 3 on aged ram; 1 and 2 on yearling; 2 on ram lamb; 1, 2 and 3 on aged ewe; 1 and 2 on yearling; 1 and 2 on ewe lamb; 1 on pen; 1 and 2 on flock, champion ewe, champion ram. Lacey got 2 on aged ram; 3 on yearling; 1 and 3 on ram lamb; 3 on yearling ewe; 3 on ewe lamb; 2 and 3 on pen; 3 on flock; 1 and 2 on Kansas bred flock; and 1 and 2 on Shropshire Association Special.

(Continued on page 22.)



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It is the only range made of malleable iron and charcoal iron. Charcoal iron won't rust like steel—malleable iron can't break, and while the first cost of a Great Majestic may be more than some other ranges, it outwears three ordinary ranges.

**Saves Half Your Fuel**  
The Majestic is put together with rivets. The joints and seams will remain absolutely tight as neither expansion nor contraction can effect or open them. The oven is lined with pure asbestos board, covered with an iron grate—put there to stay—you can see it. No heat escapes or cold air gets into the oven, thus half the fuel, used in other ranges, assures absolutely even, always dependable heat for perfect baking. No springs anywhere to weaken, or get out of order. All doors drop down and form perfect rigid shelves. Malleable iron oven racks slide out automatically, holding everything they contain.

**Greatest Improvement Ever Put In a Range**  
Increasing the strength and wear of a Great Majestic more than 800% at a point where all other ranges are weakest. Write for our booklet, "Range Comparison."

**MAJESTIC MANUFACTURING COMPANY,** Dept. 140 St. Louis, Mo.

**The Range With a Reputation**



# BARGAINS IN LAND

## "BIG FOUR COLONY"

**Big Wells—Dimmit County—Southwest Texas**

Mr. Farmer:—Autumn is here. Winter will presently be upon you, and along about December and January, when you are neck-deep in snow and sleet, you will be wishing you had come to Southwest Texas and started to lead the Sunshine Life along with your friends who are establishing and enjoying prosperity.

All the past Summer, perhaps the past year, you have been promising yourself a trip to Southwest Texas. You have been just as diligent in breaking that promise to yourself as if you had made it to your wife. You have been putting it off and putting it off until yourself hardly believes you.

There is just this to it, Farmer Friends: If you are ever going to visit Southwest Texas, investigate its big possibilities, secure a slice of its productive land and put yourself in line to share the Prosperity that you deserve. It's high time for action. You've been reading great masses of attractive Land Literature extolling the features and possibilities of the country all the way from Saskatchewan to the Panama Canal.

You have not considered one solitary section that offers you more or better inducements than Southwest Texas. We don't own, nor do we attempt to sell all Southwest Texas, but the portion that we do control is unsurpassed. That portion is Big Four Colony wherein is located the thriving town of Big Wells—The Foremost Artesian Irrigated Colony in Southwest Texas.

Here you find farmers from Kansas, Oklahoma, Illinois, Tennessee, Ohio, Indiana, West Virginia, and other States. Come and meet them and see what they are accomplishing, and if they are not in line for bigger and better profits than your country affords, then don't invest in Big 4 Colony. Better get right on the Excursion of October 1st and call on us either in San Antonio or Big Wells, Texas.

**LITTLE FARMS ON EASY PAYMENTS**

**LARGER FARMS ON LIBERAL TERMS**

Everybody

**"You'll Like Big Wells—LOTS IN BIG WELLS, \$10 A MONTH Else Does."**

For Literature, Maps, Testimonials, Prices, Terms, Etc., Address,

State What You Want and **HOWELL BROTHERS COMPANY,** Mention **KANSAS FARMER.** 215 Frost Bldg., San Antonio, Tex.

## 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.

**STEVENS CO. KAN., WANTS YOU**—New railroad building, fine water, fine climate, improved farm land, \$10 to \$20 per acre. **J. A. THOMPSON, Niagara, Kan.**

**BARGAIN**—560 a. stock farm, 2 mi. from town, 150 a. bottom land, 50 a. alfalfa, balance pasture and hay land. Located in rich Solomon Valley, Smith Co., Kan. Terms. **EBERSTEIN & LEEFER, Kensington, Kan.**

**"EVERYBODY IS DOING IT."** Doing What Listing their merchandise for trade. We make offer by return mail. **OWNER'S SALE AND EXCHANGE, Independence, Kan.**

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

**240 ACRES WHEAT LAND**—\$37.50 per a. 160 acres hay land, \$22.50 per acre. Other lands. Write for list. **Ellis & Morgan, Coffeyville, Kan.**

**HARDWARE AND IMPLEMENT** stock for exchange—Stock consists of shelf goods, harness and implements. Invoice about \$2,000. Lot and a half with 38x80 building. Price, \$2,000. Total stock and building, \$4,000. Will exchange for clear land. **W. E. KNIGHT, Tracer, Kan.**

**FOR SALE**—A 3-week-old Jersey bull calf, sired by Omer's 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.**

**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 & DAY, Meade, Kan.**

**Buy This One and Get a Bargain**—160 acres, 12 mi. from Genoa, in good farming country. Has R. F. D. mail service. Small improvements and balance long time at 6 per cent.  
**W. M. HOFFMAN, Genoa, Colo.**

**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.**

**98 ACRES**, loca. d 6 miles from Ottawa, town of 10,000, 7 miles of railroad, all new buildings, house 9 rooms, barn 36x40, extra good outbuildings; 70 acres hog-tight. Price, \$72.50 per acre. Don't wait to write—come at once. Terms to suit. **MANSFIELD LAND CO., Ottawa, Kan.**

**FOR SALE**—320 acres of highly improved delta land within 2 1/2 miles of Indianola, Miss., county seat; practically all in cultivation; price \$12,000; terms \$3,000 cash, balance one to five years; rents will more than make deferred payments; situated in a good, healthy, white community. For full particulars write **W. T. PITTS, The Land Man, Indianola, Miss.**

## FOR SALE

8-room, modern residence, in good town on main line Santa Fe. Rent, \$20 per month. 1/2 section, improved, 2 miles of Cimarron, Kan., \$2,000. Good terms. Also, one hundred other bargains.  
**THOMAS DARCEY, Real Estate Agent, Olathe, Kan.**

**FARM FOR SALE**  
Half sec., less R. R., 70 acres timothy and clover, 30 acres alfalfa, 35 wild hay, 50 acres corn, balance used for pasture, all bottom and valley land, 5-room house, porches, out-kitchen with cellar, cistern and well, never failing well and windmill for stock, two nearly new barns, one cement floor, other bldgs., 1 mile to shipping station, 5 to 8 miles to three good towns, fine roads. This is a fine place to live, as well as a money maker. Price, \$16,000, will carry \$10,000. **L. CHAPMAN, Box 28, A. R. 1, Fredonia, Kan.**

**FARM BARGAINS**—Sales and trades. Restaurant and bakery for sale cheap; rents for \$300. **W. T. DEWEESSE, Needlesha, Kan.**

**SOUTHEASTERN KANSAS**  
is the place to go for good homes, low prices, and easy terms. Send for full information. Address, **The Allen Co. Inv. Co., Iola, Kan.**

**12,000 ACRES** Logan, Gove and Thomas County lands; 160 to 2,000-acre tracts; \$7 to \$20 per acre. **Attwood Real Estate Co., Oakley, Kan.**

**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. Burdette & Co., Humboldt, Allen County, Kan.**

**595 ACRES**, adjoining county seat of Jefferson County, Kansas; good soil; fair improvements; good barns and outbuildings; 290 acres cultivation, balance blue grass; young orchard. Price, \$65; terms.  
**FORD & WEISHAAR, Oskaloosa, 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 RISE** plan in real estate. **I. B. E. A., Box 247, Holsington, Kan.**

**OUR BEST.**  
365 acres, 4 miles from town, two quarters, 1 mile apart, owned and operated by one man. Two good sets improvements; every foot tillable. Price, \$65. Must be seen to be appreciated. **DONAHUE & WAL-LINGFORD, Mound Valley, Kan.**

**FOR SALE.**  
160 acres good corn and wheat land, part level, part rolling. Good buildings, good water, good orchard, 90 acres cultivated, 50 acres pasture, 15 acres alfalfa. \$65 per acre. \$6,000 will handle.  
**F. B. MALL, Clay Center, Kansas.**

**FOR TRADE.**  
160 acres, for merchandise or rental property, 1 1/2 miles from town, all good creek bottom, well imp., 25 acres alfalfa, nicest home in the county. Price, \$12,000; mtg., \$5,000, runs 5 years.  
**W. C. BRYANT, Elk City, Kan.**

**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.**

**AUTOMOBILE BARGAIN**—Will sell my 6-cylinder toy-tonneau Matheson automobile for \$1,475 cash, as I am getting a new one. Cost new, \$4,100. Is the classiest, fastest and one of the most powerful machines in Topeka. Come in and drive it home. No trades considered. Address, Matheson, care Kansas Farmer.

**200 Acres** 10 miles city, 110 a. cult., 40 new buildings, good water, R. F. D., phone line. Price, \$50 a. Exchange for east Kansas or Nebraska. Will assume 400 a. close to city, half grazing, balance farm land, good farm buildings, creek and timber. Price, \$30 per a. Take part in western Kansas land, carry balance long time, low rate interest. **I. R. ELDRED, Phillipsburg, Kan.**

**READ THIS.**  
240 ACRES, well improved dairy farm, 2 1/2 miles railroad town, phone, R. F. D. Owner leaving. Will sell farm, crop and all at a great bargain. Don't answer unless you mean business. Money talks. Everything clear—no trade. Price, \$35 per a. Address  
**W. L. MORRIS, Owner's Agency, GARNETT, KAN.**

**LOWER YAKIMA VALLEY, WASH.**  
20 acres at Richland, Benton County, Wash., on the Columbia river, highly improved, irrigated orchard tract set to best varieties of commercial apples, with peach and pear fillers. Trees 4 years old and will come into bearing next year. Best of soil, abundance of water and mild climate, 4 acres of strawberries paying \$400 per acre; alfalfa yielding 4 cuttings, or 8 to 10 tons per year. Comfortable home and good barns with a well equipped dairy and 10 grade Jersey cows. For particulars, address owner, **C. D. MITCHELL, Richland, Wash.**

## Actual Farmers Wanted

Do you want a farm in Texas? Do you want to know how to get one for \$20 an acre, and with 80 years to pay for it? I am going to put into the hands of good white farmers only, 8,000 acres of good level prairie land, in Mitchell County, Texas, on just such terms. I don't care about having the money for this land in cash, but I want a fair return from the investment, and this can no longer be had by running it to range cattle, 160 acres of it will make you a good farm, and I will sell in 160-acre tracts. I will sell for one-tenth cash, balance on your own terms up to 20 years. If you are a land agent looking for commissions, or a land speculator looking for a place where you can plant a little money and watch it grow into more money through the work of other men, this is not intended for your consideration; but if you are a farmer, especially if you are one who has grown tired of working land for some other man and paying to him a large part of the result of your year's work, and if you want to know how and where you can get a home and a farm of your own at a price and on terms which you can meet, it will pay you to write, and write promptly, to

**HARRY HYMAN, 431 Gunter Building, San Antonio, Texas.**

**WE MATCH TRADES FOR OWNERS**—List your property with us and let us match it. **OWNERS' EXCHANGE, Salina, Kan.**

**IF YOU WANT TO** buy, sell or trade farm, city property or merchandise, list with us. **TOMSON & COOVER, Topeka, Kan.**

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

**FARM BARGAIN.**  
235 acres, 4 miles from Garnett, Kan., 85 miles to K. C. A snap at \$35 per acre. Must go in next 30 days. **SEWELL LAND CO., Garnett, Kan.**

**ONE OF THE BEST** half sections in Neosho Co., Kan. Two sets of improvements, located one and half miles from railroad town. For sale at a bargain. Write. **BRINEGAR REALTY CO., Chanute, Kan.**

**LOTS** in Plains, Kan. Residence and business. Choice lot. Will advance rapidly. Put monthly payments. A Postal for full information. **JOHN W. BAUGHMAN, Plains, Kansas.**

**TRADERS, INVESTORS, SMALL BUYERS.**  
1. Western Kansas grass lands.  
2. Irrigated lands, celebrated Pecos Valley, Texas.  
3. Ranches, farms, lots.  
Call or write for circulars, booklets. **Lee Monroe, 703-706 Mills Bldg., Topeka, Ks.**

**80 ACRES—GOOD FARM**  
for sale, all nice, smooth land, in cultivation, good buildings, well located, good water and plenty of it. \$55 per acre. Write for descriptive list. **W. F. STEMMONS, Golden City, Barton County, Mo.**

**BUTLER COUNTY, KANSAS, BARGAINS.**  
Two smooth improved half sections, \$52 per acre. One smooth improved half section, \$36 per acre. These farms are worth \$40 to \$45 per acre now. Let me show you a real snap in these. Cash only. Exchange book free. **H. H. BERSIE, El Dorado, Kan.**

**Eastern Kansas Farm Bargain**  
Eighty acres, located 4 1/2 miles from Osage City; 50 acres in cultivation; 2 acres orchard and grove, balance native grass, farm all smooth; 5-room house in good condition, good barn with loft, cow barn, corn crib, hen houses, implement shed, good water; R. F. D. and phone. Price, \$3,500, if sold in 30 days. This is a great bargain. **J. C. RAPP & CO., Osage City, Kansas.**

**Will Carry 500 Cattle**  
2,000 acres, 4 miles from Kingman, Co. seat, 800 in cult., 3 sets improvements, 150 acres alfalfa. Price, \$55, half cash. **JOHN F. MOORE LAND CO., Kingman, Kan.**

**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, 5-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.**

**FOR SALE** in Allen Co., Kan., near high school, 160 a., at \$65 an a., well improved. 80 a. well improved at \$50 and \$60, near town. A 240-acre farm that belongs to an estate that is a bargain at \$40 per acre. This is 5 miles from town. Good 2-story house, large barn, good orchard, fine shade, plenty of water, 140 acres in corn, 100 in pasture. For more information write **SMITH & SON, Box 733, Moran, Kan.**

**813 ACRES \$40.**  
per acre, 69 miles south K. C., in Bates Co., Mo.; 200 fine timber, 140 bay land, 160 blue grass, bal. corn, wheat, oats, fine water, good black soil, 2 sets improvements, 400 fenced hog tight. Only \$16,000 down, bal. to suit. This is a snap. Photo plat and full description free. Big list Mo. and Kan. farms that are real bargains. Its fine Map Mo., Kan., Ok. or Ark., 15c. post-paid. Lott, "The Land Man," 304 Finance Bldg., Kansas City, Mo.

**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.**

**CHEAP HOMES** in the Beautiful Ozarks. Finest springs, healthiest climate, and the cheapest good lands on earth. No drouths, no hot winds, nor cyclones. Raise anything that grows out of the earth, except tropical plants. Look at these bargains: 160 acres, 8 miles from railroad, 3-room house, barn, two fine springs, 70 acres cultivation, for \$1,500. 40 acres, some improvements, \$300. 80 acres, 30 cultivation, 3-room house, fine springs, \$800. Write for list of bargains. **Globe Realty Co., Ava, Mo.**

**WEST FLORIDA LAND FOR SALE.**  
2,500 acres, with crystal water front, 19 miles from Pensacola, 1 mile from R. R. station. Very fertile. No swamp, all tillable. Location and soil considered the best tract of land in west Fla. The tract at \$15 per acre. Save this ad. Address the owner, **G. W. SOULE, Camp Walton, Florida.**

**SHALLOW WATER LAND**—\$15 an acre, easy terms, S. W. Kansas, near R. R. Send for illustrated folder. Come to Ness Co. for cheap homes; see big crops; land for sale, easy terms, some on crop payments.  
**BUXTON BROS., Utica, Kan.**

**SMALL PAYMENT DOWN BUYS BEST FARMS IN COUNTY.**  
We have bought, when land was cheap, some of the best farms in this part of the state—alfalfa, corn and hay farms. We will sell them at very reasonable prices, take a small payment down and the rest as long time as a man wants it, at low interest. Interest is all we want and the land for security. This shows we have faith in our farms. Description sent upon request. References: Any bank in the county.  
**CRESCENT LOAN AND INVESTMENT CO., Elk City, Okla.**

**FOR SALE**  
80 ACRES upland, 1 1/2 miles of Enterprise, Kan.; also 80 of Zimmerman land in block 9 of Pecos County, Texas. Write to **C. L. MAIER, Enterprise, Kan.**

**LOOK!**  
Land producing this year from \$15 to \$25 per acre in corn, \$25 to \$50 per acre in cotton, I can sell you for \$12.50 to \$30 per acre. Write me. **J. A. BRIGHTWELL, Boswell, Okla.**

**FOR SALE OR TRADE**—3,000 acres, Florida Orange, Grape Fruit and Vegetable land, between two good towns, railroad and water transportation, between two large lakes. Subdivided into 10-acre tracts. Will sell on easy terms, or exchange for good, clear income property or improved farms. **CRAMER & BROWN, Lock Box, 672, Wichita, 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.**

**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 ANYWHERE.** The Realty Exchange Co., 18-22 Randall Bldg., Newton, Kan.

**WE CAN GET YOU CASH** or an exchange for your property. Write us for bargains in land. **Termini Realty Co., Clay Center, Kansas.**

**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.**

**ARKANSAS FARMS**  
I have some fine farms in Arkansas, where the winters are short and the summers mild. Fruit and stock farms a specialty. Write me for full particulars.  
**J. N. JAGGERS, Walnut Ridge, Ark.**

**FOR EXCHANGE.**  
Three new homes of 4, 4 and 5 rooms, all adjoining, well built and new, only 6 minutes' walk to stores of all kinds and street cars; adjoining property all occupied by owners. Town built 1 1/2 miles further out. Will rent well, will exchange, clear of incumbrance, for farm not over \$5,000, or swap equity for \$3,000 equity, land convenient to or in Shawnee or Sedgewick county preferred.  
**THE HARTFORD WESTERN LAND CO., 118 E. First St., Wichita, Kan.**

**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.**

**Field Notes.**  
**Louisiana Lands.**  
Kansas Farmer readers are reminded that they need entertain no fear in dealing with any manufacturer or land company advertising in this paper. We discriminate carefully between the good and the bad. We call attention to the old, reliable Kansas City firm, Allen & Hart, who sell their own lands, and just now are offering 4,000 acres in Louisiana, three miles from Shreveport, a city of 30,000 people. This is rich agricultural improved land in the Red River valley, and it is said to be as productive as Iowa and Kansas land selling at \$150 to \$200 per acre, on very liberal terms, and to those who are not in position to buy, the land will be rented for crop rent. Allen & Hart have a very interesting circular telling about the land and the crops, etc., which they will be glad to mail to you. See the advertisement on the land page.



# 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; 5 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.

**GOVERNMENT FARMERS WANTED**—\$60 monthly. Examination Oct. 15. Many needed. Write Osmont, 44-F, St. Louis.

**WANTED—IMMEDIATELY, MEN AND WOMEN** for government positions. Fall examinations everywhere. Prepare now. Trial examination free. Write Osmont, 44-F, St. Louis.

**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.

**SALESMAN—TO MANAGE BRANCH** in each county. Our goods sold to farmers and stockmen. Big demand; big money; big business assured. The Haller Proprietary Co., Blair, Neb.

**FREE ILLUSTRATED BOOK TELLS** about over 350,000 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.

**WANTED—TEN YOUNG WOMEN, HIGH** school graduates preferred, age 20 or over, to fill vacancies in the Training School for Nurses, St. Louis City Hospital. 900 beds, excellent opportunities. Two years' course, salary while you are in school. Write before Oct. 15, to Sup't. Nurses; 803 City Hospital, St. Louis, Mo.

**WANTED—MEN AND WOMEN, FOR** government positions. \$80 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. E 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.

## POULTRY.

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

**SINGLE COMB WHITE AND BUFF ORP-**ingtons for sale. Addie Edwards, Kahoka, Mo.

**ROSE COMB BROWN LEGHORN COCK-**erels and hens, cheap if taken soon. Prices higher after November 1. Mrs. John Holzhay, Bendena, Kan.

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

**WHITE ROCKS—SOME SPLENDID** cockerels, cheap, considering quality. Nickerson Poultry Yards, Nickerson, 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.

When writing advertisers, please mention KANSAS FARMER.

**SOME OF THE FINEST BREEDERS—**Cocks and hens, must go to make room for young stock. Get summer prices, quick. Moore's Single Comb Reds are best. Moore & Moore, 1239 Larimer, Wichita, Kan.

## HONEY.

**PURE ALFALFA—TWO 60-LB. CANS,** cased, at \$9.50 per case, f. o. b. Las Animas, Colo. W. P. Morley, Producer.

**GUARANTEED STRICTLY PURE AS** gathered by bees from natural sources. In cans of 60 pounds, net, \$5. Prices in pails on application. Comb honey at \$3.00 per case. Cheek & Wallinger, Las Animas, Colo.

## CATTLE.

**REGISTERED HOLSTEIN—FRIESIAN** young bulls, bull calves and heifers for sale. G. Regier, Whitewater, Kan.

**FOR SALE—CHOICE REGISTERED** Holstein bulls from six months to one year old. M. H. Gilboy, Nokomis, Ill.

**ONE REGISTERED GUERNSEY BULL,** of serviceable age. Address, John Bogner, Mount Hope, Kan.

**COLLIES FOR SALE—OPEN BITCHES** and puppies. Can furnish pairs not related at bargain prices. W. J. Honeyman, Madison, Kan.

**SHORT GRASS, REGISTERED HOL-**stein bulls for sale. One long yearling, \$50; our choice 4-year-old herd bull, \$75. Can't use longer. Excellent disposition. Ira Hawkins, Jetmore, Kan.

**FOR SALE—THIRTY HEAD OF CHOICE** fawn colored Jersey cows, 3 to 7 years old, fresh and fresh soon. O. N. Himelburger, 807 Polk St., Topeka, Kan.

**HOLSTEINS—FOUR HEIFERS AND ONE** bull, 15-16th pure, 3 to 4 weeks old, \$30 each. One yearling bull, \$45. Crated for shipment anywhere. Edgewood Farm, Whitewater, Wis.

## SHEEP

**FOR SALE—AT VALLEY VIEW FARM,** registered Shropshire sheep. Thirty fine head of ewe lambs, 25 head of ram lambs, three yearling rams, six yearling ewes. E. P. Gifford, Route 2, Beloit, Kan.

## DOGS.

**FOR SALE—RABBIT HOUNDS, FOX,** coon, opossum, skunk, deer, bear, wolf, blood hounds, Newfoundlands, bulls, Shepherds, setters, pointers, ferrets. Brown's Kennels, York, Pa.

## REAL ESTATE.

**WRITE ME FOR LIST OF FARMS AND** city property. I have what you want. Fred J. Wegley, Emporia, Kan.

**FOR SALE—\$3,500; 160 ACRES; IM-**proved; one-fourth cash, balance good terms. W. T. Metcalf, Planada, Calif.

**20 OR 40 ACRES, IMPROVED, NEAR TO-**peka, \$120 per acre. W. R. Axtell, Route 7, Topeka, Kan.

**FOR SALE—GOOD BOTTOM ALFALFA** farms; prices from \$80 up. Send for price list; it's free. The Earth Realty Co., Salina, Kan.

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

**RANCH, PAYING 30 PER CENT DIVI-**dend, at bargain. Deal with owner. Write J. E. McCarty, Paluxy, Texas.

**GOOD, CHEAP LANDS IN THE OKARKS** of South Missouri, growing crop will prove this fact. Write for descriptions. J. I. Wilhite, Tyrone, Texas County, Mo.

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

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**BAD DEBTS COLLECTED EVERY-**where, on commission, without suit. Bank references given. Established 1889 by N. S. Martin & Co., Collecting Agency, Arkansas City, Kan.

**R. C. ARDREY, COUNTY CLERK,** Stafford County. Taken up by R. C. McFeaters, on the 25th day of August, 1-year-old heifer, color red, solid color. Marks, scar on nose. Value, \$20. R. C. McFeaters lives on the S. E. 1/4, Sec. 36, Range 13, Twp. 23, Stafford County, Kan.

# The GRANGE

DIRECTORY OF THE KANSAS STATE GRANGE OFFICERS.

Master.....George Black, Olathe  
Overseer.....Albert Radcliff, Topeka  
Lecturer.....A. P. Reardon, McLouth  
Secretary.....O. F. Whitney, North Topeka  
Chairman of Executive Committee.....  
.....W. T. Dickson, Carbondale  
Chairman of Legislative Committee.....  
.....W. H. Coultis, Richland  
Chairman of Committee on Education.....  
.....E. B. Cowgill, Lawrence  
Chairman of Insurance Committee.....  
.....I. D. Hibner, Olathe  
Chairman of Woman's Work Committee.....

## The Power of Organization.

The time has long since passed when it is necessary to argue the great importance of organization; nor should we have to present arguments in favor of the grange as the organization with which farmers should affiliate. There is not a farming community, with the advantages of this present age, but should be convinced of this fact. All communities realize there must be some means or organization through which they can work for self-betterment. This has been exemplified in civic societies for the promotion of public utilities, as highways, better schools and various other enterprises. Every farmer who has his home and country at heart should see the need of a grange organization that will place them in power to work for their country, state and national matters, at the same time they are working for local interests.

It will take no more time or means and will multiply many fold the efficiency of the farmers in any locality. Organize a grange, study its teachings and we will not only become more thoroughly interested in one's own farming, but will look forward with more encouragement of reaching out and helping one's neighbor to greater success. Evidence is constantly increasing that not only is the value of the grange in strengthening and building the farming forces, but it has placed the mother, wife and daughter on an equal basis, and has opened wide its doors, and said:

"We need your strength and influence in the grange, as well as in the home;" and today she stands as a crowned queen before the majestic throne of the grandest order the farmers have ever known. Today, as a social and an educational organization, the grange is unexcelled.

It is gratifying to note the increased interest along the line of agricultural pursuits. The founders of our beloved Order of Patrons of Husbandry early recognized that something more than the common schools were needed in our rural districts. We are glad to note the conditions and energies that are being put forth for the consolidation of rural high schools in our state of Missouri. Through the energy of our grange workers communities are being brought to see the needs of this consolidation. Too much cannot be said for the betterment of higher education in our rural districts. Within the grange these principles are taught and the farmer readily sees the great need of a more thorough and systematic course of study for his sons and daughters. When we stop to think that in Missouri \$33.35 is annually spent on the city child and only \$8.75 has been spent on the country child, surely this is an alarming condition, and now is the time for an awakening to a live interest, for our organization, with the hearty co-operation of the farmer and his children, can and will compel the placing of the country child on an equal basis with the city child in obtaining an education.

The grange, in uniting the farmers, is making farming a business, and a business education will expand and grow until it reaches the highest standard; until the farmer is as much a man of business as the manufacturer, banker or tradesman. The grange influence is felt in our halls of Congress. The order is recognized, having its national reputation, and this means power and strength. This order shows the highest moral standing by diligent care in selecting its membership, and in this is inculcating a time-honored lesson, that in order to be a proficient workman in any occupation, one must be a good man. On this foundation has the superstructure of the world's greatest achievements been built.

The farm is the producer of the real wealth of mankind, and with the united influence of the farmers they can set at naught the combines which oppress them; for no industrial depression could long withstand the united and stimulating influence of the sons of the soil.—Mrs. GEORGE T. WHITE, Master of the Grange at Maywood, Mo.

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Will sell my 6-cylinder toy-tonneau MATHESON automobile for \$1,475 cash, as I am getting a new one. Cost new, \$4,100. Is the classiest, fastest and one of the most powerful machines in Topeka. Come in and drive it home. No trades considered. Address,

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We are offering 40 rams for 1912, also a few young ewes. Could furnish carload of rams on short notice. Foundation stock from famous Shattuck flock.

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**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.**

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**THE STRAY LIST**

**R. V. CHENAUX, COUNTY CLERK,** Harper County. Taken Up—On the 3rd day of August, 1912, one muley cow, red, small white spot on left side in front of hip, bush of tail partly white. Appraised valued, \$25.

**H. N. KINKEAD, COUNTY CLERK,** Ford County—Taken up, on August 17, 1912, by Henry Bestgen, Wright, Kan., one roan horse, spot on left side, blaze face, both front and hind feet white. Appraised value, \$20.

**FIELD NOTES.**  
**Amcoats Shows Hehrd.**  
 S. B. Amcoats, the successful Shorthorn breeder, of Clay Center, Kan., exhibited a herd of his cattle at the Clay County Fair, recently held in his county. The cattle were right off grass and were not highly fitted, but looked well and made a very favorable impression on all who saw them. Prof. Wheeler, of the Agricultural College, placed the awards, all premiums going to Mr. Amcoats, there being no competition.

**Arkell Polands.**  
 James Arkell, big type Poland China breeder, located at Junction City, Kan., changes his card this week and offers 30 spring pigs, both sexes. Mr. Arkell has one of the leading Kansas herds and has at its head a boar of unusual merit. He calls him first quality, and he came from one of the best herds in Nebraska at an exceedingly long price. The spring pigs were sired by him. The dams are of Expansion breeding.

**Col. Boatman.**  
 One of the young auctioneers that is full of energy and anxious and willing to give value received is Col. Oscar Boatman, of Irving, Kan. Col. Boatman is taking up the selling of farm lands at auction. He already has several booked, the first of which is the J. S. Strader farm, of Irving, on Tuesday October 15. For more information about this farm or Col. Boatman's terms and plans, write him at Irving, Kan.

**Thomas F. Kent's Chester Whites.**  
 The Chester White show herd of Thomas F. Kent, of Walnut, Ia., attracted more than usual attention at the Topeka State Fair this year. Few persons who visited the swine department failed to stop and admire the Chester White herd conceded to be the best ever exhibited at the Topeka Fair, and many competent judges claim it to be the best herd of the breed in the corn belt. This herd was in the contest at Des Moines, Ia., and Lincoln, Neb., before coming to Topeka, and in competition with the greatest herds of the breed, added a long list of winnings again this year. At Des Moines the herd captured three first premiums, five seconds, three third premiums and three fourths. At Lincoln, the winnings were four championships, seven firsts, six seconds and five fourths. At Topeka, eight champions, grand champion and reserve champion ribbons, fourteen first premiums, six seconds, four thirds and two fourths. We desire to call attention to Mr. Kent's card that commences in this issue of **Kansas Farmer.** He can sell breeding stock of most any age. His herd numbers about 400. Among the boars now in service in the herd are Iowa Production, first at Lincoln, first champion and grand champion, and White Boy, first, champion and reserve champion at Topeka, and first and champion at Lincoln. Mr. Kent is pricing breeding stock to sell. He guarantees satisfaction. Write him for description of stock and terms. He will interest you. Please mention **Kansas Farmer** when writing.



**DUROC JERSEYS****DUROC HERD FOR SALE**

Am leaving, and must sell right away the following pure-bred Durocs: 12 tried sows, bred for September farrow, \$35 to \$50 each. 7 fall and summer gilts, bred for September farrow, \$25 each. 30 spring pigs, \$15 for one, two for \$25, five or more \$10 each. 3 fall boars, \$25 each. Herd boar, "Chapin's Wonder," by Neb. Wonder, \$50. King's Col., by King of Cols. 2nd, \$50. In bunches will make sweeping reductions from these prices.

**GRANT CHAPIN**  
GREEN, KAN.

**EARLY SPRING PIGS**

35 Duroc Jerseys of Tattarrax, Wonder Chief and Colonel breeding. 20 Berkshires of Berryton Dune 2d, Berryton Duke Jr., and Beau Brummel breeding. A few bred sows and yearling gilts. Also Southdown, Hampshire and Rambouillet yearling rams. Address: DEPARTMENT OF ANIMAL HUSBANDRY, Manhattan, Kansas.

**40 CHOICE DUROC PIGS**

Sired by G. M.'s Col. and Carl Critic. Sows of Tattarrax, Orion and Crimson Wonder breeding. Sale October 29. W. W. BALES, Manhattan, Kan.

**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.

**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 CARTER, Asherville, Kansas.

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**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.

**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.

**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.

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

**LARGE TYPE DUROCS.** Large type Duroc Jersey spring pigs, sired by Missouri King X and Chimax III. Both sexes. Reasonable prices. ABB-RICH STOCK FARM, Excelsior Springs, Mo.. S. D. Henry, Manager.

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

When writing advertisers, please mention Kansas Farmer.

**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.

**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. CALSEN BROS., Union, Okla.

**OHIO IMPROVED 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.

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

**BERKSHIRE HOGS.****BUY THE BEST IT PAYS**

Sows bred for summer farrow. A splendid lot of young boars. Write SUTTON FARMS, Box 133 Lawrence, Kansas.

**POLAND CHINAS****JENSEN'S BIG MOGUL POLANDS**

Have been making good for years. None bigger, none smoother. No dissatisfied customers, nothing shipped that is not worthy. Forty tops selected for the season's trade. If this kind suits, write us. CARL JENSEN & SON, Belleville, Kan.

**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.

**C. S. NEVIUS' HERDS** Shorthorns and large-type Poland. The home of the great boar, Searchlight, and herd boars, Designer and Major Look. See my show herd at Topeka, Hutchinson, Oklahoma City, and American Royal. C. S. NEVIUS, Miami Co., Chillicothe, 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.

**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.

**FULTON'S SPRING BOARS.** Few strictly top spring boars, sired by Chief Hutch, by Fulton's Chief, out of big Iowa sows of Mastodon breeding. Satisfaction guaranteed. W. F. FULTON, Waterville, Kan.

**COLOSSUS PAN POLAND CHINAS.** Forty choice spring boars and gilts sired by this great boar. Big and smooth. Public sale November 2. HUBERT J. GRIFFITHS, Clay Center, 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.

**HARTER'S MAKE GOOD POLANDS.** Headed by "Mogul's Monarch," assisted by boars of equal merit. Mated with sows that have made my herd well and favorably known. Bred gilts and spring pigs, both sexes for sale. J. H. HARTE, Westmoreland, Kan.

**NOLL'S MASTADON POLANDS.** Headed by Pander's King by Long King. Mated with sows of immense size that carry the blood of the famous Mastadon and Wonder families. I have topped the best sales having this blood for sale. Fall sale, October 22. JOHN W. NOLL, Winchester, Kansas.

**Polands and Shorthorns**

Fifty head of very choice big-type Poland China spring pigs. Limited number of tried sows bred for August and September farrow. Also cows and heifers bred or open. Nothing but first class stock sold for breeding purposes. Inspection invited. S. B. AMCOATS, Clay Center, Kansas.

**30-BIG POLAND CHINA PIGS—30** Tops of my spring crop, sired by First Quality and out of Expansion sows. Satisfaction guaranteed. JAMES ARKELL, Junction City, 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.

**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.

**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.

**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, Man.

**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.

**Faulkner's Spotted Poland.** The Old, Original, Big Boned Spotted Kind. —at—  
Topeka, Hutchinson and Oklahoma City State Fairs.  
For the kind of our forefathers, write H. L. FAULKNER, Box K, Jamesport, Mo.

**PECKHAM POLANDS.** R. J. Peckham, Pawnee City, Neb., one of that state's best big-type breeders, carries a card regularly in Kansas Farmer. He has an unusually choice lot of spring pigs for sale, 90 of them, mostly sired by the great boar "Blue Valley Gold Dust" and out of as large sows as the breed affords.



H. S. DUNCAN, Live Stock Auctioneer, Clearfield, Iowa.  
R. L. HARRIMAN, Live Stock Auctioneer, Buncheon, Mo.

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**MISSOURI AUCTION SCHOOL**

Largest in the world, and only school where students are given actual practice in sale of all kinds of property.

TERM OPENS OCTOBER 7.

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

A free ticket to American Royal Stock Show. Are You coming?

**POLAND CHINAS****POLAND CHINAS****CLOVER DALE STOCK FARM POLANDS**

The Poland Chinas with size and quality. One yearling and one 2-year-old herd boar for sale. Also fall gilts. Spring gilts and boars. They are the kind with quality and are priced for quick sale. M. H. COREY, Lockridge, Iowa.

**Dean's Mastodon Poland.** The big-boned type, will weigh when mature 800 pounds. Bred sows all sold. ALL IMMUNIZED 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 1,000-pound grand champion Pawnee Chief Hadley and Big Bill Taft. We are offering 80 big-type spring boars and gilts sired by the above-named and other large-type sires, also two herd 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.

**BASKETT'S BIG-BONED POLANDS.** I now offer a few good sows and gilts bred for September farrow to such boars as Capt. Hadley and Missouri's Best. Some good spring boars by Capt. Hadley, Grand Leader and Expansion Wonder. Sows priced at \$30 to \$40. Boars at \$15 to \$25. ROBERT W. BASKETT, Route 4, Fayette, Mo.

**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, Buncheon, 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.

**BEERY'S JUMBO PROSPECT OFFERING** A few fall boars, spring boars and gilts sired by Jumbo Prospect 53806. Also summer pigs, both sexes, sired by Jumbo Prospect and Long King's Equal Again, to go at weaning time. Satisfaction guaranteed. Prices right. ERNEST W. BEERY, Shambaugh, Iowa.

**MADISON CREEK POLANDS**

Twenty-five Spring Boars, ready to ship at 3 months. Buy the best in big type breeding and save money on shipment. Inspection invited. J. L. GRIFFITHS, Riley, Kan.

**GOLD METAL HEADS**

our herd, and leads in point of size and producing ability, assisted by Long King's Best, by Long King. Choice fall boars for sale, sired by the only EXPANSIVE. H. B. WALTER, Edinburg, Kan.

**GREEN LAWN STOCK FARM.**

100 head of March and April pigs, sired by Major B. Hadley, the 1000-pound champion at the American Royal, 1911, and Giant Wonder, the best sow of A Wonder, out of a Giant Wonder sow. Spring boars and gilts priced reasonable for quick sale. Write at once. A. J. ERHART & SONS, Adrian, Mo.

**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.

**HARTMAN TYPE POLANDS.**

Choice November and December boars, sired by Blue Valley, Jr., and Hartman's Hadley; \$20 for choice and quick sale. J. J. HARTMAN, Elmo, 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 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.

**RYDAL POLAND CHINAS.**

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

**M.'S GIANT WONDER**

Can be seen at our sale, September 27. JOHN T. CURRY, Winchester, 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. LEPPER, Norton, Kansas.

**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.

**HAMPSHIRE HOGS.**

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

**SHROPSHIRE SHEEP**

**Shropshire** Rams and Ewes from English and Canadian bred stock. Prices low to clear. SUTTON FARM Lawrence - - - Kansas

**CHEYENNE SPRINGS FARM.**

I have purchased the E. P. Gifford herd of Shropshire sheep, and will endeavor to keep the same high standard of breeding. I have for sale at present two 1-year-old rams, and a few spring rams. All fine specimens. D. E. GILBERT, Route 4, Beloit, Kan.

**ELLIOTT'S SHROPSHIRE**—Butter and Dakin rams at head of flock. Imported ewes from best flocks. A high-class lot of yearling lambs for sale. Also imported ram Butter 842. Prices right. J. W. ELLIOTT, Polo, Mo.

**Shropshire Rams Cheap**

Registered rams from imported rams. Get my Ram circular. E. E. LAUGHLIN, Rich Hill, Mo.

Shropshire sheep and Poland China hogs. Choice rams, ready for service, priced right. A number of extra good Poland China fall gilts, priced to sell quick. Write for prices. JES. POTTERMAN, CLARKSDALE, MO.

**IOWA'S PIONEER BREEDERS AND IMPORTERS OF SHROPSHIRE SHEEP.**

Choice yearling rams with size and quality. Also will sell our imported herd rams if taken soon. Prices reasonable. DANIEL LEONARD & SONS, Corning, Iowa.

**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, KANSAS



# THOS. PATRICK'S SALE OF BIG POLANDS AT

## HERMAN, NEB. OCT. 1, 1912.

### 45 Head of Big Poland With Quality

Seven extra good yearling boars, four extra good sows, with litters. My offering of spring boars and gilts is the top of 60 head of early pigs. A large per cent of the offering sired by my great herd boars, White Sox, by Ellerbrook's A Wonder, dam Maid 2d, and Sir Tecumseh, by Big Hadley's Model, by Big Hadley, dam Lady Tecumseh. The dams of the offering are Giantess, A Wonder, Big Hadley and Tecumseh sows. Bids sent to auctioneers and fieldmen will be fairly treated. Catalogs now ready.

## Thos. Patrick, Herman, Neb.

AUCTIONEER—COL. MOSS B. PARSONS. FIELDMAN—W. J. CODY.

## J. S. KENNEDY'S EIGHTH ANNUAL SALE OF STANDARD IMPROVED AND O. I. C. WHITE SWINE AT BLOCKTON, IOWA, OCT. 10, 1912

AT ONE O'CLOCK SHARP.

Forty Head.—1 yearling boar, 17 spring boars, 2 yearling tried sows and 20 spring gilts. Eligible to record in both records of the very best breeding. Free entertainment at Blockton's Hotel. Write for catalog. Bids sent to auctioneers and fieldmen, in my care, will be fairly treated.

J. S. KENNEDY, BLOCKTON, IOWA

AUCTIONEERS—THOMAS E. DEEM, M. A. GRIFFITH AND W. R. REED. FIELDMAN—W. J. CODY.

## POLAND CHINAS BOLCKOW, MISSOURI, OCT. 18, 1:30 p. m., 1912

Come, or send bids to Col. Frank J. Zaun, Independence, Mo., and Col. V. D. Giteon, King City, Mo., Auctioneers. Write for catalog if interested. J. T. AND C. A. HANNA, Bolckow, Mo.

## C. E. CONOVER'S BIG BONED POLANDS

Sale October 17. Four fall boars, one fall gilt, 16 spring boars, 20 spring gilts sired by Long King's Hadley, by M's Hadley. Send for catalog. C. E. CONOVER, Stanberry, Mo.

### GRONNIGERS' BIG POLAND CHINAS.

Herd numbers 300 head. Thirty years of successful breeding experience. All noted big type families represented. Stock for sale. Fifty head of fall yearlings, both sexes. Will be sold at our October 9 sale.

HERMAN GRONNIGER & SONS,  
Bendena, Kan.

### Field Notes.

John Regier, Whitewater, Kan. Mr. John Regier exhibited a small herd of Shorthorn cattle at the State Fair at Topeka, and carried off the following prizes: First calf herd, first on get of sire, second on produce of cow, second bull calf in open class, second on bull calf, Kansas class, third and fifth on heifer calf, Kansas class.

Grandview Stock Farm. With this issue, W. R. Huston, owner of Grandview Stock Farm, at Americus, Kan., starts a card, offering a choice lot of Golden Model Durocs. Mr. Huston has one of the good herds in Kansas. The herd is strongly represented by the blood of Golden Model 3d, and other great boars. Mr. Huston is offering 20 large, growthy spring boars at farmers' prices. Please look up sale advertisement and write him. Kindly mention Kansas Farmer when you write.

### Plans for Fall Sales.

Col. Lefe Burger spent several days at the State Fair at Topeka last week, and made Kansas Farmer a pleasant call. Col. Burger has several fall sales booked, and would be glad to assist any breeder to arrange a date for fall sale. Please write Col. Burger at Wellington, Kan., if you wish to consult him about your next sale.

## LIVE STOCK AWARDS

Continued from page seventeen)

### TAMWORTHS.

Exhibitor.—Classen Bros., Union, Okla. Boar under six months, junior yearling sow, sow under six months, get of sire, first produce of sow, junior champion boar, senior champion sow, junior champion sow, grand champion boar and grand champion sow.

### SOUTHDOWNS.

George Allen, Lexington, Neb., and W. W. Waltmire, Peculiar, Mo., were the exhibitors. Allen got 1, 2 and 3 on aged ram; 1, 2 and 3 on yearling; 1 and 2 on ram lamb; 1 and 2 on aged ewe; 1 and 2 on yearling; 1, 2 and 3 on ewe lamb; 1 and 2 on pen; 1 and 2 on flock; champion ram and champion ewe. Waltmire got 3 on ram lamb; 3 on aged ewe; 3 on yearling ewe; 3 on pen; 3 on flock.

### HAMPSHIRE DOWNS.

Sherwood Bros., Shelbyville, Mo., got 3 on senior ram; 1 and 2 on yearling, and 2 and 3 on ram lamb. George Allen, Lexington, Neb., got 1 and 2 on aged ram, 3 on yearling, and 1 on ram lamb.

### OXFORD DOWNS.

W. W. Waltmire and J. G. Waltmire, Peculiar, Mo., and George Allen, Lexington, Neb., were the exhibitors. W. W. Waltmire got 1 on senior ram; 3 on yearling; 3 on ram lamb; 3 on senior ewe; 3 on yearling; 3 on ewe lamb; 2 on pen; 2 on flock. Allen got 1 and 2 on yearling ram; 1 and 2 on ram lamb; 1 and 2 on senior ewe; 1 and 2 on yearling; 1 and 2 on ewe lamb; 1 on pen; 1 on flock; champion ram and champion ewe. J. G. Waltmire got 2 on senior ram.

## FIELD NOTES

### Gildon & Sons' Show Herd.

The big type Poland China show herd of Dr. John Gildon & Sons, of Jamesport, Mo., was one of the good herds at the Topeka State Fair. This herd carried away its share of the ribbons in a strong show. Their herd boar, Pawnee Chief Hadley, was second as aged boar. They also won third on yearling boar, fourth on under year boar, second on young herd and third on produce of sow. Nearly all of the show herd was sired by their great herd boar, Big Bill Taft. If you want an outstanding spring boar or gilt, they sure have them.

### T. W. Strickler's Big Type Offering.

Attention is called to the sale advertisement of T. W. Strickler, of Craig, Mo., in this issue of Kansas Farmer. On October 19, at Turkio, Mo., Mr. Strickler will sell an extra good offering of strictly big type, high quality Poland Chinas. The offering will consist of 25 head of spring boars, including herd header prospects, also 25 head of strictly big, high quality spring gilts. A part of this offering was sired by Mr. Strickler's great young herd boar, King's Equal, one of the best sows of Long King's Equal, King's Equal and Great Pawnee Nelson. Watch for his sale announcement in Kansas Farmer.

### Curry Sells, September 27.

With the big corn crop and unparalleled shortage of spring breeding stock, it is freely predicted that extra good prices are to prevail at the hog sales to be held this fall. It is believed, and with good reason, that as the season advances the shortage of boars will become more apparent and in many instances it will be impossible to buy good ones at any price. With this condition existing it would be well for those who want the best at moderate prices to attend the early sales. Mr. John T. Curry, of Winchester, Kan., breaks the ice on Friday, September 27, with one of the very best offerings of the season. See his advertisement in this issue, and write for catalog, mentioning this paper.

### Valley View Farm Durocs.

E. C. Jonagan, of Albany, Mo., owner of Valley View Farm, of Duroc Jersey hogs, one of the high class Jersey herds, reports that his hogs are doing fine and that his offering will be in fine shape for his sale at Albany, October 26. The offering will include eight herd sows that will interest Duroc breeders wanting high class herd sows; also, spring boars and gilts, good for fair, in one of the strong herds in the state. Valley View herd won first on class of four pigs under 6 months, any breed; first on gilt under 6 months; second on boar, sweepstakes on sow, and age or breed, and first on sow under 3 years.

### Faulkner's Big Spotted Poland.

The show herd of old, original, big boned spotted Poland Chinas owned by Mr. H. L. Faulkner, of Jamesport, Mo., attracted considerable attention at the Topeka State Fair, and the big, spotted fellows were admired by all visitors to the hog barns, and especially by farmers wanting the big, prolific kind. Billy Sunday, one of Mr. Faulkner's famous big, spotted boars, won fourth in the aged boar class, with very little fitting, and in a strong show. He claims February 12 as the date of his annual bred sow sale, and will have a great lot of the real old, original, big spotted sows to offer the breeders at his sale. He also has some very fine big, spotted spring boars and gilts left, and can furnish pairs and trios not related.

### J. S. Kennedy's Great Offering.

Attention is called to the sale advertisement of J. S. Kennedy, of Blockton, Ia., in this issue of Kansas Farmer. Mr. Kennedy is one of Iowa's oldest and most successful breeders of Improved Chester White swine, and today owns one of the best herds of white hogs assembled. This will be his eighth annual sale and he has had some sensational offerings in former sales, but be the best he has ever sold at public auction. The two yearling sows in the sale were sired by Bell's Chief 29551, and are out of August Flower 42878. They have been tried and their litters will show that they are extra good ones. Three boars and two gilts out of Mr. Kennedy's great sow, Lady Belle 29830, with a record of 181 pigs in 14 litters, 123 of them raised to maturity. This is a great litter, farrowed January 20th. They are a lot of big, high quality herd headers. There are litters in this sale out of August Flower 42828, Augusta 15007, Peggy of Cedardale 1980, Pride of Cedardale 1979, Elsie of Cedardale 1002. Good sows sired by such boars as Callaway Dick 29486, a 500-pound boar at 1 year old, Duke 20379, and Cedardale Chief 1977, a trio or the great boars of the breed. Breeders will find this offering one with size and quality, and the sows of this herd have great records for prolific qualities. If you want to see the best Improved Chester White offering of the season, attend this sale. Send at once for catalog, and please mention Kansas Farmer.

### Gronnigers' Poland Chinas.

Herman Gronniger & Sons, proprietors of the biggest Poland China herd in Kansas, start their card in this issue of Kansas Farmer. Never in their career as breeders have the Gronnigers been so well fixed to supply the wants of their customers. Thirty years of experience and careful selecting of sires have made this herd noted for uniformity. At this time, about 300 head are on the farm of different ages. Two dates are claimed for fall sales, October 9 and November 13, but buyers can either wait for these sales or buy privately. More complete information concerning the October 9 sale will appear shortly. In the meantime, place your order with the Gronnigers for pigs or get your name on their mailing list for catalogs. When writing, please mention Kansas Farmer.

### Classen Brothers' Durocs.

In this issue, Classen Brothers are advertising a choice lot of Duroc Jersey spring gilts and spring boars, in pairs or trios, not related. The Classen Brothers have been breeding Durocs for a number of years, and have one of the good herds now in Oklahoma. At the head of this herd is Gold Mine, by Grand Master Col. 2d, and the herd sows are rich in the Col. blood lines. The Classen Brothers can make prices on stock that ought to appeal to prospective purchasers. They also ship stock on approval. If you are not satisfied, return your purchase and get your money back. Please look for the Classen show herd at the State Fair at Oklahoma City next week, and write them your wants. You can make no mistake if you buy from this herd. Kindly mention Kansas Farmer when you write.

Dr. J. T. Hanna & Son's Poland. Attention is called to the card of Dr. J. T. Hanna & Son, of Bolckow, Mo., in this issue of Kansas Farmer. They own one of Missouri's good herds of big type, high quality Poland Chinas, and on October 13 they will sell at Bolckow about 30 head of high class Poland that will make good as breeding stock. Their herd is headed by Hanna's Expansion 61662, by Fisher's Expansion 58833, dam Sunshine Beauty 2d, by Lonnie's Perfection. Among the sows in this herd are daughters of Giant Bob, by Pawnee Giant, Big Pete, by Peter Sterling 31056, Great Look, by Grand Look, and other noted big type sires. This offering will suit breeders wanting the big, high quality, easy feeding kind. Look up their card in Kansas Farmer and send for catalog. Please mention Kansas Farmer when writing.

### W. R. Huston Sale Average, \$30.

The Duroc sale pulled off on September 4 by W. R. Huston was considered a very good average, owing to the extreme hot weather and the light corn crop in this section. The offering was good and should have brought a little more money. Following is report of all selling for \$30 or more: Price.  
No. 3.—D. K. Lesh, Americus, Kan. .... \$48.00  
9.—A. A. Polk, Bushong, .... 30.00  
1.—Enoch Lundgreen, Osage City .... 43.00  
7.—J. B. Lamb, Dunlap, .... 39.00  
5.—J. B. Lamb, .... 38.00  
14.—Carl Morlok, Americus, .... 33.00  
22.—A. F. Holle, Bushong, .... 37.00  
16.—Ed Snider, Emporia, .... 30.00  
26.—A. Whitaker, Dunlap, .... 30.00  
3.—J. R. Loughbridge, Lyndon, .... 31.00  
28.—George Johnston, Americus, .... 30.00  
40.—D. J. Varner, Cottonwood Falls, .... 35.00  
12.—J. S. Grimsley, Americus, .... 35.00  
13.—J. R. Loughbridge, Lyndon, .... 47.00  
29.—Enoch Lundgreen, Osage City .... 28.00  
21.—J. M. Miller, Dunlap, .... 49.00  
4.—William Albion, Saffordville, .... 38.00

### Thomas Patrick's Big Poland.

Attention is called to the sale advertisement of Thomas Patrick, of Herman, Neb., in this issue of Kansas Farmer. Mr. Patrick owns one of the good, big type Poland China herds in Nebraska, and on October 1 will sell a fine offering of spring boars and gilts, yearling boars and a number of bred sows, some of them with litters. The spring boars and gilts are the tops of 60 head of early pigs. The yearling boars are a lot of big, growthy, easy feeding fellows that will make good. The tried sows in this sale have all made good, and a number of them will have litters on day of sale. The herd boars now in use in Mr. Patrick's herd are White Sox, by Ellerbrook's A Wonder, dam Maid 2d, and Sir Tecumseh, by Big Hadley Model, by Big Hadley, dam Lady Tecumseh. The dams of the offering are Giantess, A Wonder, Big Hadley and Tecumseh sows. This will be a good offering and should attract breeders wanting good ones. Catalogs now ready. Please mention Kansas Farmer when writing.

### Saving the Horses From Epidemic.

Treatment for the horse scourge, as recommended by the General Purification Company, Madison, Wisconsin: The treatment consists of taking all horses in which paralysis has not developed and giving them a physic containing a vermifuge, then following with Bacilli-Kil diluted in water. They are able to give this copiously because of its being non-poisonous. They also give the Bacilli-Kil hypodermically or by rectum if necessary, particularly where the animals have difficulty in swallowing. Feeding the Bacilli-Kil thoroughly cleanses and kills the stomach and digestive tract and destroys all disease germs and worm nests remaining in the tract. By this treatment and hypodermically much of the Bacilli-Kil is also absorbed into the tissues and blood. They also are able to gasify the Bacilli-Kil in a simple manner, reaching the nostrils and throat with the gas, which immediately penetrates every passage in the head, destroying all the disease germs which have lodged there, also soothing and cleaning the membranes. The stables and enclosures are also sterilized with the proper dilution of Bacilli-Kil by means of large power sprayers, which they are prepared to furnish for the purpose. The animals are kept away from the old pastures and as much as possible from locally grown hay, but where it is necessary to use locally grown hay because of no other being available, they soak this hay in a dilution of Bacilli-Kil and water, thus destroying the disease germs which may infest the hay. They recommend, however, shipping in feed from districts known to be free from infection, and particularly baled alfalfa, mill feeds and green corn fodder. They require that all feeds must be soft and nourishing and free from local contamination. Bacilli-Kil is made by subjecting several harmless substances to heavy electrical shocks, the resulting fluids when merged into one becoming a clean, colorless, non-poisonous fluid of great power in destroying germs of disease. The great advantage they claim for Bacilli-Kil is that it is wholly non-poisonous to animal life and can therefore be used very freely with the absolute safety. Bacilli-Kil has been under test for a considerable period by noted bacteriologists and seems to have very full endorsements. The tests seem to justify the results which are being accomplished in feeding and using it as a sterilizer and disinfectant. See the advertisement on page 11, in this paper.



# M'S GIANT WONDER POLAND CHINA BREEDING AT AUCTION

FRIDAY SEPTEMBER 27, 1912 AT FARM NEAR TOWN

54 IN ALL - 54 SELECTED

25 SPRING BOARS.

6 TRIED SOWS.

33 SPRING GILTS.

M'S GIANT WONDER, by PRICE WONDER, out of dam by ORANGE CHIEF, is the sire of the spring part of offering. He is one of the biggest and strongest breeding boars of the times, and stamps his get with his greatness. DAMS of offering are big, and bred big. Daughters of such sires as BIG CHIEF, GOLD DUST HADLEY, LONG'S MOGUL, JUMBO U. S., Etc. The offering will be presented in good breeding form, but not fat. I am sure they are better for this and will make good as breeders. I am in the business to stay, and am looking more to the future than the present. Will appreciate mail bids, large or small. Write for catalog, mentioning this paper.

AUCTIONEER—H. S. DUNCAN. Bids may be sent to Jesse Johnson, in my care, at Winchester, Kan.

JOHN T. CURRY, WINCHESTER, KANSAS

# HALDERMAN'S GOLD METAL DISPERSION SALE

AT BURCHARD, NEB., TUESDAY, OCTOBER 1, 1912

55 Head in All—34 Sons and Daughters of Gold Metal, 25 Springs Boars; 9 Tried Sows, Tops, 5 of them with litters at Foot, four with Gold Metal litters; 21 Spring Gilts.

I have engaged in other lines of business, making it necessary to disperse the "Melbourne Herd." I am sure it is a distinct loss to include the great sows and GOLD METAL litters at this time of year, but my business is such that I cannot possibly hold them. But I feel sure they will go into good hands and continue their career of usefulness. The spring boars and gilts are big and smooth, there is lots of herd boar material, and the breeder that buys a GOLD METAL gilt in this sale and breeds her to his good boar will make no mistake, whether he keeps her in his herd or includes her in his winter sale. The offering, as a whole, will not carry the flesh that my last fall offering did, but it is just as good in every respect, and at that sale I made the best average for Nebraska last year. The sale will be held in Pavilion on farm adjoining town, rain or shine. Catalogs will be sent upon application. Trains met at Lewiston, on Rock Island, or any other near point if we are notified. Free hotel accommodations, etc., and a special invitation to western breeders as visitors or buyers.

Jesse Johnson, Kansas representative. Send bids to him, in my care. Auctioneer—Z. S. Branson, F. Z. Zaun.

JOHN C. HALDERMAN, Burchard, Neb.

# HAMPSHIRE BOAR SALE, WED., OCT. 9th, 1 P. M., 50 HEAD REGISTERED

Sale Pavilion, Stock Yards, South St. Joseph, Missouri.

I am offering in this sale the greatest lot of boars ever sold in a sale ring. These boars will run in age from spring pigs to yearlings past. Every boar in this sale will be hand picked, being well marked, a good individual and fit to head any herd in the world.

The Hampshire hog has proven to be far superior in every way over all other breeds of hogs; that it is in a class by itself is no question, and in this sale I am offering the best bred lot of Hampshire boars of this breed of hogs there is in existence. In other words, you will have a chance to buy a boar at this sale that is unequalled by any herd or breed.

I have been breeding the Hampshire hog the past 15 years, and in breeding these hogs have purchased only the best individuals money would buy, and now is your opportunity of securing some of this select stock.

The Hampshire hog is the most healthiest bred, they are as near cholera proof as a hog can be made, they are also the greatest rustlers, most easily raised, most prolific, stand up well on their feet, weigh the heaviest, produce the most perfect cuts of meat, an excellent bacon hog, and most attractive and the most sought after hog by the packers when placed on the market; they never fall to top the market, having sold as much as 50 cents per hundred weight above the market.



I have for private sale, at all times, Boars and Bred Sows.

DO NOT FAIL TO ATTEND THIS SALE. This is the opportunity for you to secure a boar that will improve your herd of hogs more than any breed of hogs you can buy. The best hog in the world is what you are looking for. At this sale you will find them. It costs no more to raise a good hog than it does a scrub. Don't think because you are raising hogs for slaughter only that most any kind of a boar will do you. That is a mistake. The best is none too good. The Hampshire makes the best cross on any other breed of hogs, being very strong blooded, and this, with their great rustling qualities, gives them their great disease-resisting qualities they are so well known to have.

If you cannot attend this sale, send your bids to E. C. Stone, Secretary Hampshire Association, 703 E. Nebraska Ave., Peoria, Ill. Bids mailed after October 5 should be sent to Mr. Stone at Stock Yards, South St. Joseph, Mo., as he will be in charge of this sale, and any bids sent him will be carefully handled and treated confidential. All hogs will be crated and delivered f. o. b. cars, St. Joseph, Mo. Pedigree furnished with each hog. Write for catalog.

W.F.Davis, S. St. Joseph, Mo

# BIG ORANGE HERD HEADERS

J. O. James' Great Offering at Braddyville, Iowa, Wednesday, Oct. 2nd, 1912

Fifty big, growthy, high class spring boars and gilts. Twenty-three boars sired by Big Orange. A number of Big Orange gilts; other spring boars and gilts by Long King's Equal, Ellerbrook's A Wonder, Gritter's Best and A Wonder, making an offering of big type Polands by the greatest sires of the breed, and out of the best sows of our herd that will not be equaled this season. This offering of spring boars and gilts will weight from 200 pounds up, and are in just the condition to make good. Catalogs now ready.

J. O. JAMES, Braddyville, Iowa.

AUCTIONEER—H. S. DUNCAN.  
FIELDMAN—W. J. CODY.

# GARNOT 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.

# 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.



# Price Smashing Sale—Greatest in World's History!

# BUSTED!

## ROOFING LUMBER

## PRICES

## WIRE and FENCING

## BUILDING MATERIAL

### Lumber Prices S-m-a-s-h-e-d

Yes, we mean smashed. Absolutely busted to pieces. That's our policy. We quote prices on lumber that will positively save you big money. If you will send your lumber bill we will send you a freight paid estimate that will mean a saving to you of from 30% to 50%. Every stick is absolutely first class, brand new and fully up-to-date such as you would buy from any reputable source in the United States.

We have determined that the Fall of 1912 is going to be the Banner Year in our great lumber department. We have on hand 20,000,000 feet of high-grade lumber suitable for the construction of Buildings, no matter for what purpose intended. Come to our great yards in Chicago and let us show you this stuff actually in stock. No other concern in the world has a more complete stock of everything needed to build, whether Lumber, Shingles, Structural Iron, Plumbing, Heating, Doors or anything else that you may need. Do you know that lumber is getting scarcer and scarcer every year? Yet our prices are lowest and will continue so until our stock is gone. **WRITE TODAY.**

### Shingles at Big Saving

We have a special lot of 1,000,000 to 2,000,000 Common Clear Shingles coming in, on which we are making an exceptionally low price of \$2.47. Other grades at lowest prices.

**This Door at 98c**  
Lot MS-39, Four panel painted door, size 2 ft. 6 in. x 6 ft. 6 in. 1200 in stock. A high quality door for the price. This is only one of our many special bargains. Our grand Building Material Catalog and Bargain Sheets will show a full line of Inside Mill-work of all kinds.

### Free Building Book

A 300-page Book of Bargains in Mill-work, Building Material of all kinds, including Paints, Plumbing, Heating, Structural Iron, Metal and Composition Roofing, Hardware, Carpenter's and Blacksmith's Tools, Wire Fencing. No prospective builder should be without it. It is Free.



Send us Today Your Complete List of Lumber and Building Materials for Our **FREIGHT PAID PRICES.**

## EXPLANATION

### Why We Are Called the "Price Wreckers"

CONSIDER what becomes of the stock of goods when a manufacturer, jobber or big retail merchant goes bankrupt, or "busted" as the saying goes. In the year 1911 ten thousand merchants met with financial disaster. If the stocks offered are sufficiently large, if the goods are new, clean and desirable, they find their way naturally to our 40 acre plant for distribution, at a small added profit to our hundreds of thousands of customers, who, in this way get wonderful bargains.

In many cases our prices do not represent the original cost of production. There is not another concern on earth that can meet our prices, simply because no other concern has the buying and economical distributing facilities which we enjoy. It is only natural therefore, that we have become known as "Price Wreckers."

### Where Your Dollar Does Double Duty

Every time you buy from us, your dollar takes on an increased purchasing power. We are the safety valve between the public and high prices. We recognize no Trade or Association—our methods are along original and unique lines. We are not plodders—we are merchants in the fullest meaning of the word, and the wise public have not been slow in realizing our position in the world.

Our great plant at 35th and Iron Sts. is a Mecca for the people of Chicago and surrounding country. Thousands of visitors from every part of the country make a yearly pilgrimage to our institution, and buy their yearly supplies. Are you getting all the benefit that you should from this excellent opportunity? We urge you to learn more about the wonders of our plant, and the opportunities that we afford when you deal with us. You get full value for your money. There is nothing fanciful about our methods—we are just straight, clean business men.

### WE SELL PRACTICALLY EVERYTHING

Our stock includes practically "everything under the sun." It's in truth, from a needle to a locomotive. No matter what your vocation, or what position in life you occupy, or what your business, or how great a merchant you are, you have use for us, and we have the goods that you can buy from us to a decided advantage. The quicker you learn to recognize this fact, the sooner you will be "putting money in your pocket."

Our stock includes Building Material, Lumber, Roofing, Sash, Doors, Millwork, Wire and Fencing, Hardware, Plumbing Material, Heating Apparatus and Supplies, Furniture, Household Goods, Buggy, Stoves and everything needed to furnish or equip your home, your club or hotel. It includes Groceries, Clothing, Dry Goods, Boots and Shoes, Furnishing Goods, and every single article to clothe a man, woman or child. It includes Sporting Goods, Fishing Tackle, Hunting Outfits, Tennis Rackets, Guns, Harness and Vehicles, Jewelry, Sewing Machines, Clocks, also structural iron needed in the construction of buildings, bridges, etc. Machinery, gasoline, gas and electric power outside. In fact, you cannot think of a single manufactured article that we cannot supply you at a saving in price. Let us convince you—it means but little effort on your part to prove the truth of all we say. Write us today for our Catalogue and literature. Fill in the coupon shown below.

## SPECIAL SALE

## No Money Down

You can buy a carload of Building Material from us without paying us one cent in advance. All we want to know is that the money will be paid us as soon as the material is received, unloaded and checked up. Our terms are more liberal than any one else offers.

### Our Great Fall of 1912 Offer

You can order a complete carload of material including everything you need to construct a building and we will ship it forward to you without your paying us a cent down.

### Write Us for Our Liberal Terms

You are safe when you deal with us. Our capital stock is \$2,000,000.00 and 20 years of honest dealing have earned a place for us in the public confidence that is unquestioned.

### \$13 Buys Complete BATHTUB

This is a white enameled, cast iron one-piece, heavy roll rim bathtub; fitted with the latest style nickel-plated trimmings. Fuller double bath cocks for hot and cold water; nickel-plated overflow and drain; complete supply pipe. It is 6 ft. long and is guaranteed to answer the needs of any man. **Call 641-101.**

### Hot Water Heating Plants

We have headquarters for steam, hot water and warm air heating plants. They are suitable either for new or old homes. It is easy to install one of these plants in your building. For this great Fall Sale of ours we are offering a warm air heating plant large enough for the ordinary 5 room house, with all necessary plans and complete instructions for installing, for \$45.00.

### Iron Pipe and Fittings

Good iron pipe in random lengths complete with couplings, suitable for gas, oil, water and conveyance of all liquids; size 3-12 inches; our price 1-1/2c. per foot. Complete stock of valves and fittings. Send us your specifications.

### Rugs at 75c

We bought at New York Auction an enormous stock of high grade, brand new rugs and floor coverings. 75c buys an exquisite rug, size 8' x 10'. This is a sample of our money-saving bargains. Write for our complete Free Rug Catalog, showing actual colors and designs.

### FURNITURE

We are the World's Biggest Headquarters for the outfitting of your home, club, lodge or hotel, from the very latest to the finest. An assortment of household goods and everything such as will be found in no other institution in the land. Write for free copy of our Furniture and Household Goods Catalog.

**\$698 Buys the Material to Build This House**

**This is Our House No. 6A.**  
A beautiful up-to-date full 2 story, 7 rooms and bath, home. Has been sold over 60 times. Copied and imitated all over the U. S., but our price and quality cannot be equalled. The price is easily 25% to 50% below local dealer's prices. Immediate shipment right from our Chicago plant. No money down. \$2.00 per sq. ft. plus freight. Blue Print Plans, complete specifications and detailed descriptive material with a return of \$1.50 if you do nothing from them.



Our House No. 6A.

### ORIGINAL METHODS

We are the originators of a system of selling practically complete Houses direct to the consumer, at a great saving.

We eliminate all in-between profits. We sell and ship direct to you from our own stocks. Great care and study has been given all our Plans. Economy is the watch-word both in materials and construction.

### No Worry No Loss

### No Waste

Our Binding Guarantee both as to quality and quantity goes with every sale. Write us for letters from people in your vicinity who have bought from us. We have thousands of unsolicited testimonials.

### Special Information

If you intend building, you will lose money if you don't write us at once. Tell us what you want. We will answer you promptly and give you valuable information regarding building. Send rough pencil sketch showing the kind of house you want. We will make you a freight paid price that will save you big money on material necessary to build same. Every stick first class. If you intend to make improvements, write us to-day, and we will help you to save money on your improvements.

### Our FREE Book of Plans

Our Book of Plans contains 100 Designs of different kinds of buildings. Everything from 2 room Portable House for \$17.50 to the finest kind of a 10 room residence. Illustrated showing the floor plans, prices lumber, millwork, plumbing, paint, etc. And it's free.



## Smash Go WIRE and FENCE Prices

### BARB WIRE Less Than 2c Per Rod

New galvanized, heavy weight barb wire, put up on reels about 100 lbs. to the reel. Lot 2-AD-35 per 100 lbs. \$1.98. Galvanized barb wire, light weight, first grade, best made, put up exactly 80 rods to reel, 2-point barbs. Lot 2-AD-23, per reel, \$1.49.

### Wire Nails, Per Keg, \$1.50

20,000 kegs, put up 100 lbs. to the keg mixed, all kinds together, regular nails, such as made by nail factories. Lot 2-AD-33, price per keg, \$1.50. 1,000 kegs of 10 penny weight regular new wire nails, 100 lbs. to the keg, while they last, per keg, \$1.50. Write for our free Wire and Fence Catalog. Gives valuable information to any land owner. Fill in the coupon below.



### Smooth Galvanized Wire Per 100 Lbs. \$1.25

It is suitable for fences, stay wires, grape vines or for any ordinary purpose where wire is used. This galvanized wire is irregular in length—it ranges anywhere from 50 to 250 ft. \$1.25 is our price for No. 6 gauge. Other sizes in proportion.

### 15c Per Rod Buys Best Hog Fencing

Here is another one of our remarkable bargains. A high grade, strictly perfect fence, made of No. 3, 11 and 12 wires, perfectly adapted for hogs and general farm purposes. 25 in. high, square mesh, put up in suitable size rolls. Lot 2-AD-34, price per rod 15c. Other heights in proportion. Staples, 100 lbs. \$1.75.

### Fill in This Coupon

**CHICAGO HOUSE WRECKING CO.**  
35th & Iron Sts., Dept. P 49 Chicago.

Please send me without any obligation on my part and free of cost full information regarding these subjects,

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- ☐ 1000 Page Catalog
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Greatest of all bargain books is our Great Wonderful "Price Wrecker". It is a book of 1,000 pages, with wonderful illustrations, and with clear, frank statements explaining exactly the nature of the goods we have for sale, and quotes them at the lowest possible prices. It is a book of real merchandise truths—tells you the facts so plainly that you cannot misunderstand us.

Our business is founded on truth and virtue. We want satisfied customers—we need you every day in our business, we treat everyone as though he or she were the only customer of our books; and this is our best and truest factor. If you have not a copy in your possession, you fall of understanding fully how to buy goods. It will make you wise to prices that ought to prevail, and if you haven't a copy, then it is time for you to get busy, and write us to-day to send you this wonderful Catalog of ours. Fill in the coupon.



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