

# KANSAS FARMER

FOR THE IMPROVEMENT

OF THE FARM AND HOME



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## MAN'S life is a struggle.

Whether it be on the bloody battlefields where the struggle is for life, whether in the strenuous city marts where the goal is wealth, or whether in the larger walks of rural life where nature is subdued, the contest is ever on and the loser dies.

As the strength of an army lies in its food supply, so the strength of the individual is in the conservation of his resources. The city man hoards his wealth as his weapon against panic and commercial adversity. The farmer stores his crops for the welfare of his family, his flocks and herds, and as seed for the new year.

Each must bestow for ready use and secure from loss, and, as this is done, so will his efficiency increase and his winning chances double. The merchant uses the bank and the farmer the silo.

The silo is the farmer's bank, within whose iron-bound ribs is contained the wealth of his golden corn, preserved entire with the luscious summer in its substance, fragrant and delicious to the lowing herds who dine that he may thrive.

Within this tower of silence is that wonderful chemistry which relieves his drudgery, conserves his wasting crops, enriches his soil, fattens his flocks, saves his time and increases his purse.

Its presence on the farm spells peace, prosperity and plenty. With it, in proper environment, the farmer continues a man with time and means for self culture; without, the man remains the farmer whose work is his first duty.

I. D. G.



*S a t i s f a c t i o n*



# DRY LAND CROPS



## Lower Tire Cost and the Reason for It

Every reader of this publication who owns an automobile is undoubtedly aware of the fact that four of the best known tires in this country are the

**Continental** **Hartford**  
**G & J** **Morgan & Wright**

The chances are that a majority of these readers are at the present time using one of these four famous brands.

Each one of these tires has for years had distinctive qualities that have given it a conspicuous place in the tire field. Not one of the brands has ever been considered as a *second rater* or a *novelty tire*, or has ever been sold on the basis of meaningless claims for superiority.

Just as the Steinway and Knabe and Chickering pianos are rated as the foremost pianos in the world, just so have these four brands of tires been the leaders in the tire field.

Hereafter these four brands of tires are to be known as

### United States Tires

and will be sold by the United States Tire Company, a selling company organized for the specific purpose of marketing these four select brands of tires.

It will now be possible, for the first time, for the farmer or the city man to get a brand of tires that combines the strongest points of the country's four leading makes of tires.

In other words, the strongest points in each of these four brands—the points that have given each brand a national prestige—will now be incorporated in all four brands.

This means to the farmer exactly what it would mean if four of the most successful farmers in the country were to utilize their combined knowledge of farming in the operation of a single farm.

Farmers' Institutes have become valuable to the farmer, chiefly because of the variety of experiences that have been brought together by expert farmers who have been successful in different lines. The result has been that the average farm throughout the country is producing more and better crops per acre than was thought to be possible a generation ago.

This combining of knowledge is precisely what has been done in getting together these four famous brands of tires, and out of them manufacturing a tire that combines the most conspicuous advantages of the individual brands.

No other tires in the country offer—or can offer—the farmer a similar grade of tire service under every possible road condition; yet, notwithstanding this fact, United States Tires

### Cost No More Than Other Kinds

More than this. The United States Tire Company will keep the user of its tires informed as to the best methods of caring for his tires, both through its advertising and by printed instructions.

For example: We are showing herewith a table giving the pressure required for various sizes of tires. If the farmer will adhere closely to this table (supplying himself with a pressure gauge if he does not own one) he will find that his tire expense is reduced fully one-half as compared to the expense involved in running soft tires.

We particularly ask every user of United States Tires to adhere to this table closely and also to follow the instructions that will be given in our advertising from time to time.

Required Air Pressure	
2 1/2 in. tires...	60 lbs.
3 in. tires...	60 lbs.
3 1/2 in. tires...	70 lbs.
4 in. tires...	80 lbs.
4 1/2 in. tires...	90 lbs.
5 in. tires...	100 lbs.
5 1/2 in. tires...	110 lbs.

Soft tires mean short mileage and plenty of trouble

There are approximately 6000 dealers selling one or more brands of United States Tires—the widest distribution of any make of tires in the world, just as the output of United States Tires exceeds by far the output of any other tire made. Ask for booklet—"How to keep down your tire cost"

**United States Tire Company**  
1787 Broadway, N. Y.

These tires will continue to be sold under the same well-known brand names: Continental, Hartford, G & J, Morgan & Wright.

## Map of Kansas and Oklahoma Free

We have a few very attractive and practical four sheet wall charts, each containing an up-to-date map of Kansas, Oklahoma and map of the World, also a complete map of the Panama Canal Zone. The cover contains special designs, printed in colors, reproducing pictures of KANSAS FARMER topics by Albert T. Reid, whose cartoons on the first page of KANSAS FARMER have become so popular. We only have a small number of these maps, but as long as they last, we will give one free to any present subscriber renewing his subscription to KANSAS FARMER one year at our regular price of \$1, or to any new subscriber sending us \$1 for a year's subscription to KANSAS FARMER. Please remember that these maps are 22 inches wide and 28 inches long. They are lithographed in six colors, showing counties, towns, railroads, congressional districts, and a great deal of other every-day needed information. Be sure and get one while they last. Address Subscription Department KANSAS FARMER, Topeka, Kan.

After you have paid the tuition in the school of experience don't try for a post graduate course.

Don't get sore because you are misunderstood. Maybe you should be thankful.

The dry land farmer should plant as large a portion of his acreage to milo as the Illinois and Iowa farmers do to corn. It has a ready cash market in the southwest and will always bring a good price when the farmer has more than he needs to feed.

Sorghum sown broadcast, 30 to 60 pounds of seed per acre, varying with the moisture and conditions of the soil, is the standard hay of the plains. It should be cut when the seeds are in the milk or early dough stage and cured in large cocks. It makes a fair hay for horses and a good hay for cattle, hogs and sheep.

Early cut sorghum is a good milk-producing feed. Ripe sorghum is a good feed to dry up a cow. Early amber sorghum is one of the best varieties for hay.

Kafir corn is not as sure a grain crop on the plains as milo and is best grown for forage, sown rather thickly in rows and cultivated. Then cut when the grain begins to harden, it makes a good hay for work horses and cattle. Use six to eight pounds of seed an acre.

Millet is a fair drouth-resisting crop, being most certain on sod. It should be cut before the seeds harden, as the seeds are injurious to animals. Sow German millet thirty pounds to the acre. Millet should not be fed to horses. Early cut millet is a good cattle hay. Continued feeding of millet hay to horses causes incurable lameness.

The stock melon is a large citron that grows well in the driest season. It has a firm flesh, and if kept above ground and protected from freezing by straw or earth can be kept until April. It is used to take the place of roots in furnishing the much needed succulent winter feed in dry farming for cattle, hogs and poultry. An acre or more should be grown on every dry land farm. Plant and cultivate the same as for watermelons.

Even in the driest season enough potatoes can be grown to supply family needs, and usually the potato crop on the dry land farm can be made to furnish considerable cash income, if the soil is not heavy. Instances are common where, in seasons in which no marketable grain is produced, 80 to 100 bushels of good potatoes to the acre are secured. The land should be plowed just as deep as is possible to make the plow run, and harrowed and disked until it is fine and well settled. It is a good plan to run furrows out through the adjoining land if it is not cultivated and catch the surface water. The potatoes should be repeatedly harrowed and cultivated. A dry land farmer in a section of seventeen inches average rainfall has had good yields of potatoes for eight consecutive years. He harrows and cultivates his potatoes at least twelve times and uses the surface water from the prairie land above whenever he can. Potatoes on dry land require early planting, strong seed covered with a moist soil well firmed and repeated cultivation. Dry land potatoes have particularly fine flavor. Early Ohio and Rose Seedling are the varieties generally planted.

Dwarf Essex rape has been described as a cabbage that keeps growing but never forms a head. It stands drouth well, if sown as early in the spring as the ground can be worked. Late seeding is a total failure in dry years. Sow in rows twenty-four inches apart, using three to five pounds of seed per acre. Cultivate frequently. It is the next best pasture to alfalfa for hog feed. The hogs should be turned on the field when the rape gets eight to ten inches high. It is best to divide the field in two lots and change the hogs from one to the other as they eat the crop down.

If the spring of 1911 is a favorable one for moisture it will pay the dry land farmers of the southwest who have sod to plant a good acreage of flax. Owing to the drouth of 1910 in the northwest flax growing section, the flax crop of the United States is so short that early in the fall flax was being shipped from Argentina and Calcutta. The farmers of the southwest, if they have moisture in the spring, can market their flax months before the seed from the northwest is harvested and can get the cream of the high prices. Flax is a good sod crop and gives good yields on summer fallowed land. It is a good drouth resisting plant after it gets well started, but must have early moisture. It is one

of the best crops for putting sod in mellow condition for the crop which follows it. It should be sowed early, as it needs abundant moisture to push along the young plants. Sow with a drill, using twenty pounds of seed per acre. Flax straw is a good cattle feed, as it contains some seed and the oil in them is needed to balance the deficiency in fat found in most dry land crops.

Alfalfa should be tried on most farms on the plains. Select a low spot or a place at the foot of a slope where surface water from the rains can be carried to it by furrows. Do not plant on sod. Raise other crops until the sod is thoroughly subdued. Plow the ground deeply. Thoroughly pulverize and pack it and do not seed until the soil is moist to a depth of seven to nine feet, if you have to wait two or three years. While waiting, work the soil often and collect in all the moisture you can from the land above. Alfalfa will usually fall when sown on freshly plowed land. Plow deep, get the soil well settled before seeding. Sow with a grain drill, using twelve to fifteen pounds of seed early in the spring as the danger from severe frosts is over. Use no manure crop.

When one year old, alfalfa should be harvested early in the spring and again after each cutting. When two years old, and every year thereafter, alfalfa should be thoroughly cultivated with a disk harrow set to cut two or three inches deep. The alfalfa should be disked early in the spring and after each cutting.

Alfalfa should be cut as soon as the first blooms appear. It will live many years longer than if left till in full bloom before cutting. Alfalfa should not be pastured so close as to bare the crowns eaten off; when this is done the plants die. Usually when alfalfa is seeded on dry land for the first time, it dies out in three or four years. The land should then be plowed and planted to another crop that can be thoroughly cultivated. At the end of one year reseed to alfalfa using the same methods as employed for the first seeding. The second seeding usually thrives for many years, as the first sowing has prepared the land to a good depth for the early growth of the second seeding, practically subsoiling and pulverizing it to a depth of four feet or more.

Growing on railroad embankments and in the dry, hard soils in cuts, many hundreds of miles along the railroads of the southwest is a coarse weed with leaves almost exactly like those of alfalfa. This is sweet clover (Mellitus). It makes a rank growth in the driest of seasons and in the hardest of soils.

Sweet clover is a cousin of alfalfa and its leaves when cured have a great feeding value as those of alfalfa. The stems are so coarse that the stock do not eat many of them when the plant is made into hay.

Five cows were fed on alfalfa and five were fed on sweet clover for a month. Then the feeds were changed about for a month, the alfalfa fed cows getting sweet clover hay. Every cow gave as much milk while eating sweet clover hay as she while eating alfalfa hay. There was much greater waste from the sweet clover on account of the larger stems. Lambs fattened on sweet clover and corn made as large gains as those fattened on alfalfa and corn, but the waste in the stems was much greater.

The dry land farmer will find that until he gets a good stand of alfalfa one of his most profitable crops will be hay for cattle, hogs and sheep on sweet clover. The ground should be plowed deeply and well pulverized and settled. The sweet clover should be sown with a drill, using 15 to 20 pounds of seed an acre. The first cutting should be cut when the first blooms appear and should be cut when to save all the leaves. It is one of the surest crops for dry land farming and will take the place of alfalfa with only the difference of a few pounds of seed an acre. The first cutting should be cut when the first blooms appear and should be cut when to save all the leaves. It is one of the surest crops for dry land farming and will take the place of alfalfa with only the difference of a few pounds of seed an acre.

Sweet clover enriches the soil the same as red clover and alfalfa and one of the best plants for making hard, stiff soils mellow. It is biennial, lasting but two years, unless reseeded allowed to ripen and the seed be ground. Sweet clover puts the soil in ideal condition for seeding to alfalfa. —H. M. Cottrell, formerly of K. A. C.



# KANSAS FARMER

## EDITORIAL

### ABOUT THE SEED CONDITION.

A correspondent calls our attention to the fact that the seed conditions this spring are widely different from what they were last year. Last year at this time farmers were hauling to market the biggest corn crop the world ever produced, except perhaps that of the preceding year, and they were receiving from 50 to 60 cents per bushel for it. Now they are getting from 30 to 36 cents per bushel. Hogs and cattle last year were correspondingly high, the farmer was riding to town in his buggy and going home in an automobile. Banks were flushed with money and were very liberal. This year the banks are so full of money, but they are all looking for a rainy day, and would rather see collections coming in than see money going out.

Farmers are slow in ordering seeds this year, partly because of the great demand of last year which was a natural and actual demand. With the flood of orders which piled up at every seed house in the country seeds became intoxicated with the excitement and rush of business, and our correspondent asserts it as his belief that there never was as much seed sold and distributed in any one year in the history of the country as occurred last year. All of the seed bins were emptied and this, with the bad stand of corn, taught the farmers to save their own seed. Besides, in his vicinity, the crops of 1910 came to good sound maturity and quality, so that nearly everything sown last year will be suitable for planting in this.

Our correspondent has opportunities for observation in his locality, which is much to the northeast of Topeka, but he certainly does not represent the conditions as they exist in his state as a whole. The farmers as a rule are becoming educated to the necessity of having good seed and having it well tested before they plant it as they realize that inferior seed insures a season's work with but few returns.

There is no reason why the farmer should not have trained himself to do so and not secure from his fields and reserve for his future use seeds of ordinary farm crops that are just as good as those furnished by the seed houses, but the fact remains that very few of them know how to do so or else they can not afford to do so. It is cheaper in many cases to buy good seed from a reliable seed house than it is to spend the extra time and care necessary to preserve the seed on the farm. New varieties of new strains must be secured from outside the farm, and these can be had by purchase from reliable seed houses, such as are represented in our advertising columns.

### THE FARMER WHO READS.

Perhaps the farmer does not realize the full extent of responsibility which rests upon his shoulders. He is the conservative element of our civilization, and the balance wheel of our political life. In the aggregate he is the largest class of our citizens and owes it to himself to seek such advancement as will be to his intellectual and moral advancement, because in him lies the possibilities of the race. The man is always more than the farmer. He should never make his work the chief end of his life but it should be a means to this end. His success in growing large crops or in breeding animals entitles him to respect for his achievements, but his success in developing himself and his mind after him is vastly more to his credit and vastly more important to the race.

Of necessity the farmer should read a trade paper, which is the agricultural journal, just as other keen business men read their trade papers. This is a part of his business, a part of the means to the end. He should not only do this but he should confine himself to the best farm papers available, and in doing this, his choice will naturally center on those which are published by men who understand the conditions under which he lives and works. He should not, however, confine himself solely to farm papers. Books should have a place in the farmer's

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**ADVERTISING RATES**—25 cents per agate line—14 lines to the inch. No medical nor questionably worded advertising accepted. Forms close Monday noon.

**PUBLISHERS' GUARANTEE TO SUBSCRIBERS**—KANSAS FARMER aims to publish advertisements of reliable persons and firms only, and we will make good to any paid-up subscriber any loss he may suffer through fraudulent dealing on the part of any of our advertisers, provided complaint is made to us within thirty days after the transaction, and it is shown that the subscriber, in writing to the advertiser, plainly stated: "I read your advertisement in KANSAS FARMER." We do not, however, undertake to settle, or be responsible for the debts of bankrupts, or for petty and trifling disputes between a subscriber and an advertiser, although we extend our good offices to that end.

**PICTURES**—Good photographs, drawings and plans are especially solicited. Senders' names should always be written on the back of each picture. KANSAS FARMER can not be held responsible for any picture submitted, except under special written agreement.

**CONTRIBUTIONS**—KANSAS FARMER is always glad to have correspondence on all farm, live stock or household subjects. Your name should be signed to all communications and they should always be addressed to

KANSAS FARMER COMPANY, TOPEKA, KANSAS.

equipment, and among these should be books that are for the culture of the man as well as those which are designed to aid him in the culture of the soil.

The evolution of the farmer from the condition in which he generally existed a half century ago into that which he now enjoys and wherein he is recognized as a business man, is due more to the influence of his reading and his consequent increased desire for knowledge than to any other one thing. In reckoning the necessary expenses of operating the farm the cash necessary for the purchase of good books and the subscription to good papers each year should be an item that is never omitted. The farmer who reads is the man who thinks and succeeds and of whom it can never be said that he was "born a man and died a farmer."

### JUST BEYOND.

Many people become dissatisfied and feel that they ought, in justice to themselves and their children, to go to some new country where they can get land cheaper. This is a laudable desire but may be they are overlooking something.

Modern farming is not so much a question of cheap land as it is a question of profitable production. If this can be secured where all the comforts and advantages of a good home, a good neighborhood and modern conveniences are already present, why change? There are just as good opportunities right here in Kansas as the average man needs to want. In Shawnee county one farmer reports averaging 10 per cent net on a valuation of \$300 per acre. Another sold his apple crop from his five acre orchard for \$3,800 last season, an average of \$760 per acre.

Yet another reported an income, last year, of \$4,400 from 20 acres.

These are facts that speak volumes for Kansas climate, soil and opportunities.

Too many papers in Kansas are given to sensationalism in a way which seems of minor importance, but at the same time is really hurtful to the state. The announcement of adverse weather and crop conditions in the papers of this state carries more weight with it perhaps than would similar announcements made in any other section. Kansas is great in an agricultural way, and speculators who deal in her products are watching for

any announcement made in Kansas papers that can be used to aid them in their manipulation of prices. Kansas does have storms at times but no worse than those of other states. Kansas has dry seasons, but her soil is of such a nature that her crops do not suffer as they do elsewhere, and the crops themselves are so adapted to our conditions that their recuperative powers are wonderful to the inexperienced. There is perhaps no section of country on the earth, that covers so many square miles as does Kansas, wherein adverse climatic conditions are not encountered. A bulletin of storm and crop conditions is valuable as news, but is not always worthy of the prominence given it in some papers nor should it be responsible for crop manipulation.

The farmer's wife is a partner in his business. She has just as much interest in his success as he has. Her judgment is just as good and she should have a voice in the management of all farm affairs as well as in the handling of the partnership cash. While her interest is a general one in the farm as a whole, she is directly responsible for a certain department of farm work and should be allowed to handle this in her own way, just as the farmer handles his field operations in his way. The farmer of today cannot succeed without the aid of farm machinery and his wife should not be expected to succeed without the aid of household conveniences. These cost very little in comparison with the equipment of the outdoor portion of the farm, and should be supplied in every case.

Muscle will serve to shovel feed into the feed lot, but brains are required to know how much and when. One of the most successful hog feeders in the state of Kansas reported his experience in which he got better results with less corn than his hired man had attained who preceded him in the handling of his hog herd. He did this by cutting off the feed supply one-third, then he added one bushel a day until he had reached the maximum amount that the hogs would entirely clean up. In this way he wasted no corn and gained a more rapid development of his hogs. The particular bunch which he was feeding had been given 70 bushels a day by his man. This was at once reduced to 50 bushels and then gradually increased to 60, with the results named.

I want to congratulate you upon the excellence of your front page in recent issues. The story the printed paragraphs have so tersely and impressively told is so well supported and emphasized by the sketches, that the important lessons cannot help striking home to your thousands of readers. I hope you will keep the good work up.—H. J. Waters, President K. S. A. C.

### THE COUNTY FAIRS.

With a view to aiding county fair associations to be of greater benefit to the agricultural communities in which they are located, and to be in position to cooperate with the colleges and agricultural departments in their efforts for rural betterment, the Office of Experiment Stations of the Department of Agriculture has issued a bulletin on fair associations and their utilization in agricultural education and improvement.

This is circular No. 109 and should be in the hands of every county fair secretary in the country. It is full of food for thought and of information that will be profitable to those who conduct fair associations.

After outlining the scope and possibilities of the county fair, and discussing its enormous value as an educational power, the author of this bulletin concludes with the following statements:

"Many fair associations are now ready for the work that has been here outlined and will be glad to undertake it if a practicable plan is shown. Others will need urging, and this will require the personal efforts of organizers who will meet with their managers and show them precisely how they can do at least some of the things that are needed.

Responsibility for and the initiative in this work might be given to the state boards and departments of agriculture. Agents could be employed by them to visit the several counties to organize new fair associations, and to reorganize the old. Later, these agents should revisit the societies to see that they understand what is proposed and to assist them when necessary in carrying out the project. This is a kind of service that the state departments of agriculture are especially fitted to undertake, and in securing valuable results to agriculture, is as promising a field of effort as any other that they have hitherto attempted.

Most of the state departments or boards of agriculture have interested themselves in the local fair associations very little beyond collecting copies of their premium lists and getting records of attendance and the amount of the gate receipts. If they will devote some of their time and money to sending out an expert or several experts to organize county fairs and to advise with their officers and aid them in carrying out their work, they will not only be increasing their usefulness to the farming industry, but their action will also be in direct keeping with the purpose of the commonwealth in establishing state departments for the benefit of agriculture."

### FARM OR WORKHOUSE.

Kansas City has had one year of experience with a farm which was established to take the place of the municipal workhouse. The results of her first year's trial have been more satisfactory than the most sanguine advocates of the plan had dared hope. The report shows that while the workhouse cost the city \$220 a year per prisoner, the farm has earned \$100 a year profit for each prisoner. In other words, the actual loss of 60 cents a day per prisoner has been turned into a profit of 30 cents a day. The financial gain, however, is the smallest part of the advantage. The board of public welfare reports that the prisoners have taken the keenest interest in their work, have shown no desire to escape, and that many of them have hurried to the farms as soon as their sentences have been served. The men who, through dissipation or the commission of minor offenses, have been sentenced to work on the farm have found the pleasure and health that comes from employment in the open. Men employed on the Kansas City farm have completed their sentences with coats of tan, instead of pallor that usually marks the discharged prisoner. Their systems have been toned up until they are capable of doing an honest day's work and also have the desire to do it. They have learned that there is a moral, as well as a physical, curative in outdoor work.



# REAL VALUE OF PRIZE CORN

During the past five years there has been an enormous interest manifested in corn development. Local, state and national corn shows are being held; corn contests are inaugurated each spring; "corn trains" are run by the different railroads, and attention is paid to the proper breeding of corn by the agricultural press. The interest seems to be almost universal in the corn belt, and yet there are some who ask what object is to be gained by all this work and aroused interest.

When R. A. James of Charleston, Ill., was awarded the prize for having grown the best ear of corn in the bumper crop of last year, what did he gain, aside from the Kellogg trophy awarded him by the National Corn Exposition? What does any farmer gain who exhibits his corn and is awarded prizes, that is not included in the honor and the value of the prizes themselves?

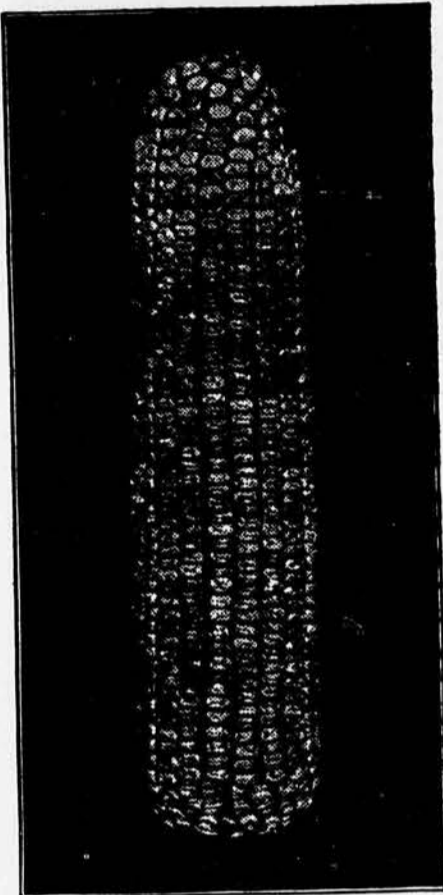
In answering this question it is necessary to know the object sought by all these agencies working together for the improvement of corn. At the foundation of their work lies the inexorable law of nature that "like produces like." Good seed will therefore produce good corn and good corn is the only source of good seed.

Frequently complaints are made that certain varieties of corn will deteriorate or run out and a careful investigation generally shows that this is true to the methods of selecting seed and growing the crop more than to anything else. Corn, like any other cultivated plant, has a tendency to revert to its original wild state, and this tendency must be combatted by constant selection and breeding of the seed.

If seed is planted from an ear which has an inch and a half of uncovered tip the tendency will be for the new crop to produce corn with uncovered tips. If this new crop is used for seed this characteristic is perpetuated and the grain on the cob shrinks in quantity while the bare cob increases by comparison. If corn is selected from plants which have a weak root system the tendency will be to develop weak roots in the future crops. Corn which has been grown in a certain section of country and which has become acclimated, will furnish the best possible basis for seed breeding operations in that country. Corn which has matured and produced well under adverse conditions of wind and weather will generate other corn with the same tendency and this may be cultivated.

On the other hand, it follows that corn which has desirable qualities also has a tendency to reproduce them. Corn with a well filled tip or with symmetrical, even sized grains, will produce the same kind of corn under favorable conditions. The ideal ear of seed corn should be from 9 to 10½ inches long, and from 7 to 7½ inches in circumference, measured at one-third the distance from butt to tip, for the reason that this size is found to be the best average between the big, overgrown, coarse grained ear of little feeding value, and the nubbins. This ideal ear should be cylindrical in shape or as nearly so as possible, because more kernels of a uniform size will be contained on the cob of such an ear. The rows of kernels on the cob should be even and uniform as this will accommodate the greatest number of kernels. In order to get more corn to the cob the butts should be well rounded out with kernels, evenly arranged around a cup shaped cavity which measures about one inch in diameter, and the tip should be well filled out with deep, even kernels. The entire ear should show kernels of practically the same size and shape, except, of course, those immediately at the butt or those covering the tip, which must,

*Not Prizes Won Nor Honors Gained,  
But The Best Seed Is The Object*



WORLD'S BEST EAR OF CORN FOR 1910. GROWN BY R. A. JAMES, CHARLESTON, ILLINOIS.



SHAWNEE COUNTY, KANSAS, BEST EAR OF CORN FOR 1910. GROWN BY FRED ENGLER, STATION B, TOPEKA, KAN.

from their position, be more rounded. The length of the kernel should be about one and one-half times as great as its width at the widest part, and should have the same thickness from one end to the other. The cob should be medium in size, of a color corresponding to the strain or breed of corn, and there should be no mixture in color of either grain or cob.

As showing the value of these points to the farmer and not especially to the prize winner, some recent experiments may be quoted. One of these was conducted for a period of five years in Ohio and the result proved that long ears of the kind described averaged about four bushels of corn to the acre more than did shorter ears. Other experiments showed that the long, smooth type of ear averaged more than four bushels to the acre above the medium, rough type. From these and other experiments the fact is developed that within certain limits the long, smooth ear of corn is vastly better for quantity raised, quality of grain and for use as seed corn than is the very large, immature ear which may show more kernels on the cob, but which is never likely to ripen these kernels evenly.

Our engraving shows the prize winning ear of corn shown at the Oak Grange Institute, in Shawnee county,

Kansas, last fall. Comparison of the two ears shows that one is almost a perfect cylinder, while the other is slightly tapering. A four years' test by a careful experimenter, showed that the difference in yield of these two types of ears amounted to almost nothing, though the cylindrical ear is preferred by judges and good farmers everywhere because it invariably shells a larger percentage of uniform seed kernels. This is a vital point, as uniformity in the seed promises uniformity in the stand and the resultant crop.

The actual yield of corn grown from irregular shaped seed may be practically as great as that from a show ear, but it almost surely contains a large percentage of nubbins and deformed ears in the crop, and these lack in market value. Dent corn is the great favorite in the west, but that which is too strongly marked or too rough in character is not so productive as that which is smoother and has a larger percentage of starch in its composition.

Another point of value is the weight of the ear. The uniformly made, cylindrical type of the dimensions given is generally a heavier ear on the average, than any other type, and our experiment stations have demonstrated that this is a valuable feature and that weight of ear adds to the

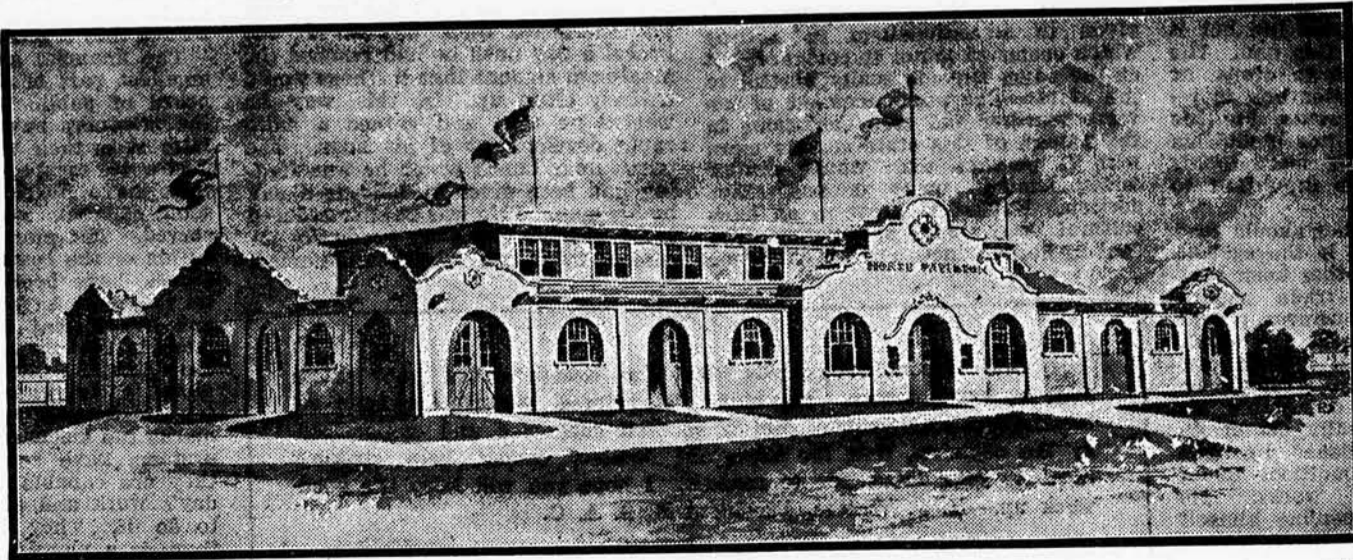
amount of yield. The cylindrical ear also possesses a larger germ, and this is essential for a vigorous growth of the young plant.

Some of the important conclusions drawn by expert corn growers are that the selection of seed ears of less than the normal length for a given variety or locality will reduce the yield, and if this selection be continued, will gradually shorten the length of the ear. For the reasons above stated, the cylindrical ear is to be preferred, though the tapering ear may yield as heavily in available grain, though not in available seed. Conditions of growth being equal the weight of the ear as made up of slight increases in length, in circumference and the amount and density of the grain and cob favors the increase in yield and should always be considered in the selection of seed corn.

Farmers and their sons who have entered the various corn contests, as well as those who simply raise corn for profit, have probably all selected their seed corn by this time, and it is possible that many of them have tested it. But in this selection they have unconsciously trained themselves to some degree as judges of good corn. This training is of value and is wholly in their own interest. Whether the corn for planting be taken from the crib or secured from some famous breeder of pedigreed seed corn, the type and quality should be the same, and with good cultivation and proper selection with each succeeding season there is no reason for a complaint of deterioration. Seed breeding of corn is done unconsciously by practically every farmer in the corn belt, and it is through such selection that we are able to produce such wonderful crops in the United States each year.

The original type of corn did not amount to very much as compared to the prize winning ears shown with this article, but they were vastly better than the wild plant which the aborigines of this country first appropriated to the use of mankind. No one knows what the original corn looked like in its wild state. The Pilgrims who landed in America found it already under cultivation by the Indians, who had probably developed the ancestors of the King Philip type as we know it. From this beginning the white settlers have gradually developed, with the aid of their skill in selection and of their environment of soil and climate, the many different types which we now know.

The growing of pedigreed corn is an accomplishment that should rank alongside of the growing of pedigreed live stock. Each has its value, not only in a monetary way, but as an educational means as well. Any man who is interested in his work does not complain of monotony or drudgery. He finds a zest in life from which others are excluded. Pride of possession rightfully follows ability in production, and every effort that has been and is now being put forth by the corn expositions, breeding contests, the farmers' institutes, and all other agencies looking toward the improvement of the corn crop, are well repaid in actual dollars and cents, as well as in the mental and moral training that is given to the individual



THE NEW HORSE AND JACK BARN NOW UNDER CONSTRUCTION ON THE STATE FAIR GROUNDS, TOPEKA, KAN., CAPACITY 200 HEAD OF DRAFT HORSES, AND SIMILAR IN APPEARANCE TO THE CATTLE BARN ERECTED LAST YEAR.

who participated in them and the pride of accomplishment which he has earned. Study the two ears shown in the pictures and note the differences to be found between the world's champion ear and county champion ear. Both are good ears and both well worthy of study. Both show accomplishment and the growers of these ears both have just cause for pride in the results obtained. The big gain in the self training, not the corn



# Barley and Oats in Western Kansas

By C. C. CUNNINGHAM.

Barley and oats occupy a comparatively small place in farming operations conducted in western Kansas. During the period of years from 1900 to 1910, inclusive, the average acreage for that portion of Kansas, in all the counties west of a line and south line bordering Jewell and Ingman counties on the west, was 954,457 acres for oats and 1,000,000 acres for barley, which is a small per cent of the land area cultivated. The average yield during this period was 19.81 bushels per acre, while that for barley was 83 bushels per acre.

The prevailing prices received for these grains they cannot be considered profitable ones to produce when during the average season. Presently the farmers of the western part of the state have been growing wheat almost universally as a crop; this cereal having proved the most dependable and the most profitable cash crop that could be grown in this region.

Under the climatic conditions of western Kansas are unfavorable for growing spring grains of all kinds. Usually, during the winter and early months, there is very little precipitation, and as a result the ground does not have a sufficient supply of moisture to insure the germination and proper development of the grain in its early stage. Throughout the winter and April, high winds, both northerly and southerly, prevail and do much more or less injurious to the plants, especially where the soil is not well covered. The continual whipping of the plants by the wind and the "chilling" effect of the drifting snow results in considerable loss in the crop, from which it never recovers. If the soil is in contact with the wind, the probability the entire stand will be blown out, due to the cutting and exposure of the plants by the drifting snow and the consequent drying out of the roots due to the exposure of earth from around them.

In the face of such a discouraging situation for the growing of oats and barley in the western half of Kansas, it seems unwise to attempt to encourage the production of these crops in this region. It is the purpose of this article to give what little information is available on this subject, to the benefit of those who may find it necessary to grow these grains as a crop or as a substitute for alfalfa on land where it has been improved, or not advisable, to seed winter wheat; and for those who desire to rotate a rotation of some kind. For various reasons, spring small grains are necessarily occupied, to a varying degree, in the cropping of western Kansas farms, and consequently will be grown sufficiently to attract considerable attention as to the methods of culture and the selection of adapted varieties.

Various varieties of spring grains that are adapted for growing in western Kansas are those that are early maturing and produce a minimum percentage of straw to grain. That these characteristics are correlated with drouth resistance is a well established fact and should not be inferred that varieties possessing these traits necessarily have the ability to withstand a very greater degree of drouth, but are capable of thriving under more adverse conditions, than varieties in which these characteristics are lacking. They are termed more drouth resistant for the reason that they are able to produce successful yields in soil with considerably less moisture, due to the shorter growing period in which the crop has to be harvested and to the relatively small amount of foliage that is necessary to produce. Because the presence of these characteristics permit of a considerable reduction in the amount of moisture required to produce a given number of bushels of grain it is evident why they are considered drouth resistant. As the amount of moisture is nearly limited in this section of the state it is essential that early, short maturing varieties be grown, and these should not be overlooked in the selection of a variety, for growing under arid conditions.

Of a number of varieties tested at the Western Kansas Experiment Station, the Burt, Sixty-Day, Kherson and Red Texas have given promise of being fairly well adapted for growing in that section of the state, or rather they have proved to be the four most productive ones that have been tested, and are the only varieties that have indicated any considerable degree of adaptability to local conditions. The Kherson and Red Texas are the only varieties that have been tested sufficiently to justify a statement as to their relative value to western Kansas; of the two, the Kherson has demonstrated a superiority. Under favorable conditions, the Red Texas seems to have the capacity to produce the larger yield, while the Kherson produces better results whenever the moisture supply is not sufficient to produce the maximum amount of grain.

Taking the yield of 1905, 1908, and 1910 as a basis of comparison, there is evidently but very little, if any, difference in the relative merits of the Kherson and Sixty-Day varieties. These varieties are very similar in all respects, and are possibly strains of the same variety. The Sixty-Day matured a day or so earlier than the Kherson in 1910, and if this difference in maturity manifests itself every year, it is an advantage in favor of the Sixty-Day. The Burt, when tested for the first time in 1908, did not equal the Kherson or Sixty-Day varieties. The 1909 crop was completely destroyed by hail, June 13, and at that time the Burt oats was the most promising variety included in the test conducted that season. In 1910 it proved to be superior to the others when

grown either on upland or creek bottom.

Although this variety has not been tested a sufficient number of years to warrant a conclusion as to its value for growing under semi-arid conditions, it is, in the writer's judgment, the most promising variety that has been tested at the Fort Hays Station. It is earlier than any of the other varieties, and produces a shorter straw than does either the Kherson or Sixty-Day. The length of the straw of the Burt and Red Texas are about equal, but the Burt has the advantage of being much earlier. While the Burt oats matures only a few days earlier than the others, it heads out from a week to ten days sooner, consequently requires a proportionately longer period to bloom and fill. This characteristic of heading so much earlier is apparently an advantageous one. As has been stated, its early maturing and minimum straw producing qualities are traits correlated with drouth resistance, and as these characteristics are present to a greater degree in the Burt than in the other varieties named, the statement that the Burt oat is the most promising one for growing under western conditions is in accordance with established facts. However, the Kherson and Sixty-Day oats have proved to be hardy and well adapted to conditions of low rainfall. These varieties were originally obtained from Russia where they have been grown many years in a soil and climatic environment similar to that of western Kansas. This fact explains their ability to thrive well when grown under comparatively dry conditions such as usually prevail in that section of the state.

Several varieties of barley, namely: Common Six-Row, Stavropol, U. S. No. 195, Mansury, and Bonanza, have been grown on the station farm in different years, but unfortunately comparative yields have not always been obtained and are only available for the season

of 1910. The yields for this season are as follows:

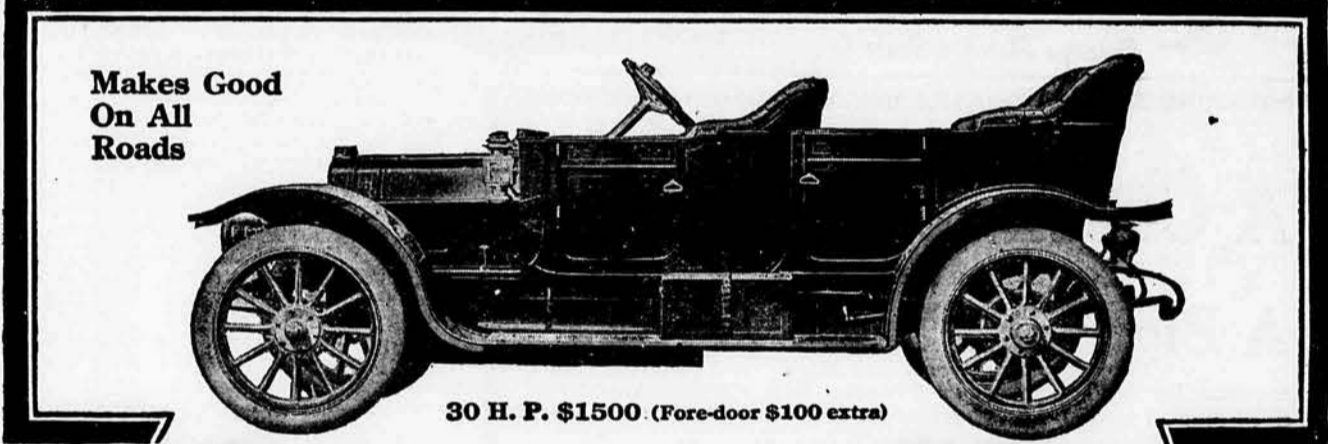
Variety.	Bushels per acre.
Common Six-Row . . . . .	49.96
Stavropol . . . . .	49.92
U. S. No. 195 . . . . .	34.88
Mansury . . . . .	17.1

In this test the Common Six-Row and the Stavropol were much better yielders than the other varieties. The 1910 results agree with those secured in preceding years in that the Common Six-Row and Stavropol were superior to the others. The crop of 1909 was hailed out June 13, at which time these two barleys were the most promising. They are hardy, early maturing varieties that produce a comparatively short straw and are well adapted for growing under the conditions prevailing in the Great Plains Region.

The question as to which of these two grains, barley or oats, is the most productive, is one on which the data is rather contradictory, although the greater portion of it is in favor of the barley. Using the yields obtained on the station grounds as a basis, barley has produced more pounds of grain per acre than has oats in the year 1903 and 1910, while the results were the opposite in the years 1904, 1905 and 1908, when oats outyielded barley.

During a period of years from 1900 to 1908, inclusive, the average yield per acre for oats in the western half of the state has been 19.81 bushels per acre, as compared with 17.83 bushels per acre for barley for the same period. The average yield per acre in pounds is 640 for oats as compared to 856 pounds for barley, the difference being 216 pounds in favor of barley for the 9 years. During this time barley has out yielded the oats seven years out of nine. These latter results agree with those obtained at the Experiment Station at Manhattan. At that station barley has out yielded the oats for:

(Continued on page 21.)



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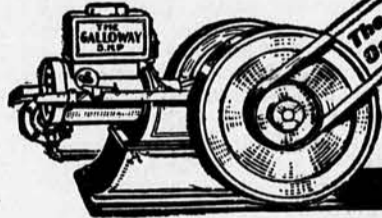


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Is What J. M. Grant

## A Big Horn Basin Farmer

received for his 1910 sugar beet crop. This was Mr. Grant's third crop of beets on a farm bought five years ago for \$3000. Here is where the Government is spending

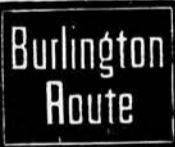
## Six Million Dollars Irrigating Farms That You Can Homestead

The land is free for 5 years' residence and Government water rights cost \$46 an acre in 10 yearly payments. No interest. 162 farms under Government irrigation averaged \$26.80 per acre yield in alfalfa in 1910.

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OTHER MILLIONS are being spent to irrigate Carey Act Lands. Only 30 days' residence required. Easy payments. Low rate of interest.

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# THE FARM



Where the soil is inclined to drift or blow, the growing of grass and forage crops tends to relieve this condition and where the drifting has actually started the spreading of straw litter or even wet straw from an old stack bottom will check it and very largely prevent it from doing serious damage. It must be applied quickly, however, and distributed thinly in order not to smother the crop. When land starts to drift the trouble is usually found to be more or less contagious and some method for quickly preventing it is necessary if the crop is to be saved.

Humus, which is partially decayed vegetable matter in a soil, holds moisture like a sponge. The man who grows corn, potatoes and root crops to produce a soil mulch which will hold the moisture for his future crops will be obliged to keep live stock of some sort to market these products through. This will result in a considerable amount of stable manure to be applied to his land and that makes one of the best forms of humus material if applied after it is well rotted and will have the effect of helping the land to withstand the dry spells when they come.

### Manure Spreader Buys Auto.

Albert Evans of French Ridge, Anderson county, Kan., is one of the farmers who owns and enjoys a fine automobile. Some time ago Mr. Evans chanced to remark that his automobile was only a part of the earnings of his manure spreader. Mr. Evans bought an average farm, but by improved methods built it up and always harvests good crops. While the year 1910 was no corn year, Mr. Evans had 60 to 65 bushels per acre, not the yield of some little patch, but from his entire field. The use of a spreader did its full share. Judgment played its share, rotation of crops, planting in season, etc. What he did others can do and are fast adopting the improved method. All of Mr. Evans' improvements are modern.—State Journal.

### Red Clover vs. Alfalfa.

At the March meeting of the Shawnee Alfalfa Club, Mr. A. L. Brook of Grantville, Jefferson county, who was the principal speaker, called attention to the fact that many farmers were undecided as to whether alfalfa or red clover is better for enriching the soil. There is a decided advantage in using red clover and timothy instead of alfalfa as far as convenience is concerned. Red clover is a biennial and at the end of two years it is about ready to quit anyhow. If the last crop is plowed under it seems to enrich the soil as much as does alfalfa while it presents no mechanical difficulties in the way of big roots such as are left by the alfalfa.

A man who owns a good stand of alfalfa does not like to plow it up but the clover grower does not hesitate, especially at the end of two years. In this way the clover grower gets more real enrichment of his soil than does the alfalfa man.

If given an opportunity to reseed itself red clover will last a long time and Mr. Brook spoke of one field which had been in red clover and timothy for 18 years.

### Poultry Manure.

Poultry manure is very rich in valuable elements of plant food but it is somewhat difficult to handle. It ferments very quickly and tends to lose its nitrogen very readily. This nitrogenous element dissipates itself into the air unless some means are taken to prevent it and, when this occurs, much of its value is gone.

If mixed with land plaster, sawdust or even dry earth this element is preserved, and the mechanical condition of the manure is improved so that it can be used for a top dressing without "burning" the vegetation. Clean out the hen house frequently and mix

the droppings with a liberal supply of dry earth and you will have an excellent manure for garden purposes.

Fresh hen manure contains 2.16 per cent of nitrogen, nearly 2 per cent of phosphoric acid and nearly 10 per cent of potash while commercial barnyard manure contains less than .5 per cent of nitrogen, less than 1 per cent of phosphoric acid and a little more than .5 per cent of potash.

### The Landlord's Side.

I think there are two sides to the question of landlord and tenant. The majority of renters they do not try to do the fair thing. If they do stay on a farm they rent it is not always because they abuse themselves and the landlord.

I have had some experience in renting for a term of years. I quit the way of renting and will not rent more than one year at a time, but ways with the understanding that the renter can stay and that I would like to stay, if he does the thing. So it lies entirely with the renter about the time he stays. They are very few good renters.

If your correspondent Mr. Britton, is as good a renter as he represents himself to be, I think the owner of the farm made a great mistake raising the rent on him. I know two renters who have been on the same farms for from six to eight years. They take just as good care of everything as the owners could, do not whine because they can rent for a term of years.—Land Sedgwick, Co.

### Early Fortune Millet.

Do you know anything about a millet advertised by seed houses as "Early Fortune" millet? Some companies claim extreme earliness and heavy yield for this millet, also state that it is not injurious to stock. I want millet for feeding stock. If you can give me any information concerning this millet I would be glad to learn all I can about it before buying my seed. We have a soil is rich black loam about 18 inches deep. Our climate is rather cool. We generally have plenty of corn. Corn does well some years.—Gage, Russell, Idaho.

Your letter to KANSAS FARMER, dated March 6, has been referred to me. The variety of "Early Fortune," concerning which you inquire, belongs to the group commonly known as broom corn but which more properly are called "Proso." They are generally grown for seed in the Northwest, and at high altitudes, especially in those where corn can not be successfully grown. The prosos are also grown for forage, though they do not produce forage as abundantly as do the varieties of millet, especially the tail millets, German and Hungarian.

I am of the opinion that you will afford to try Early Fortune millet in Idaho. I believe that it will give you good results, especially for grain. The grain is relished by stock, and is almost equal to corn feed, in fact it is often substituted for corn.

There are a number of varieties in the Proso group, varying in color and height. I am unable to say which of the varieties would likely give you the best with you. So far as I know Early Fortune is as good as any in this group, and possibly better than any of the other groups of millet because of its ability to grow at altitudes and with little moisture.

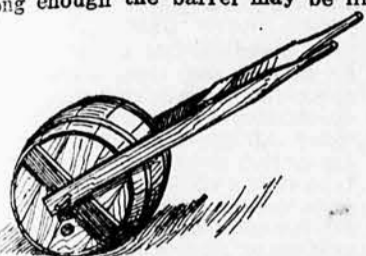
The Prosos often yield as much as thirty to fifty bushels of seed per acre. They can be handled in the same manner that other millets are handled. About two-thirds of seed will be sufficient to plant an acre. It can be drilled in with a similar grain drill and harvested with the binder and thrashed with the usual grain separator.—W. M. Johnston, Professor of Agronomy, K. S. A.



**A Handy Device.**

A good barrel can be put to a variety of uses other than as a mere container. If mounted as shown in the accompanying drawing it may be used as a handy device for transporting water about the flower beds, to the poultry houses or elsewhere. When filled with water it makes an effective garden roller and the weight can be regulated by the amount of water it contains.

If the handles or "shafts" are strong enough the barrel may be lifted



ed into the air by placing a log under the "shafts" and weighting down the handles. When this is done you have a good mixer for fertilizers, for the treating of seeds with formaldehyde or for mixing concrete in small quantities.

The axles are attached to the strip nailed across each head of the barrel as this will prevent leakage. The other details are indicated in the drawing.

**Corn Raising.**

S. G. Trent, of Hiawatha, Brown county, Kansas, who was winner of first prize on corn for four consecutive years at the Kansas Corn Show, and winner of first prize in the Kansas class at the National Corn Exposition at Omaha, gives some pointers on his methods in corn raising.

"The first essentials in raising a corn crop are a good seed bed, seed and cultivation. A poor seed bed will never produce a paying crop; this comes only from a well prepared seed bed. In preparing your seed bed different methods are required for different soils and conditions. Here in Brown county, for listed corn, a very common practice has been to disk the fields that have been in corn the previous year. In doing this the disk should be started as soon as possible in the spring, as it prepares the ground to take in the spring rains, also conserves the moisture already in the soil.

"The ground should be thoroughly disked at first and also after every rain. Small weeds are destroyed, stalks pulverized, moisture stored in the soil to be used later and the ground thus put in the very best shape.

"If the field to be prepared for corn has been in small grain or clover the previous year, the best plan is to plow in the fall or early winter and work to the proper condition with the disk and harrow in the spring.

"After a good seed bed has been prepared the next thing is the seed. Select seed that is suited to your particular location and climate—seed that will mature every year in your section. Corn to make good gains in the feed lot and bring good prices in the market, must have quality, and you cannot get quality in corn unless it is matured.

"Choose some pure bred variety that is adapted to your section. You can often increase your yield from 10 to 25 bushels per acre by using pure bred seed. You also get a type and quality you can not get in scrub varieties.

"Test all your seed thoroughly before planting either by general test or by the individual ear method. The latter is the best as it will tell you exactly the stand you will get.

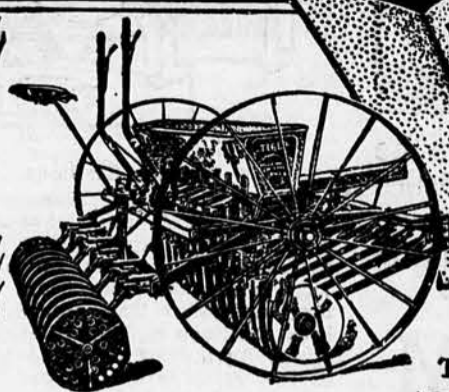
"The depth of planting can only be determined by the season. If it is dry, plant deeper than you would if conditions were just right, as the corn is apt to sprout and then die on account of lack of moisture.

"Under ideal conditions, I consider two inches the proper depth for planting corn.

"Never plant corn until the soil is warm and conditions are right for a good, rapid growth, as nothing hurts corn more than to be stunted in its early growth.

"In cultivating corn there is no fixed rule to follow. The idea is to keep stirring the soil to kill the weeds and conserve the moisture. Cultivation should commence on listed corn as soon as you can follow the row of young plants, and be kept up

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Time flies faster than ever when the busy days come. Your mind may be so occupied with other things that you will overlook harvesting machines entirely until the harvest days are at hand. Then you may not be able to get just the machine you want—or you may have to use your old machine. In either case you are taking a big, unnecessary risk.

Now is the time to investigate the harvesting machine situation—now—when you can give the matter the careful attention it deserves. Too much emphasis cannot be placed on the importance of having the right equipment at harvest time. If you want to be sure, choose one of the celebrated machines in the I H C line—

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Millions of farmers throughout the world have tried these machines under every condition. The result of these tests has shown the merits of I H C principles, I H C materials, I H C construction, and I H C workmanship.

The present perfection of I H C harvesting machines has required many years of thorough and careful experimenting.

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Every year finds hundreds of I H C experts in grain fields, watching carefully the harvesting machines at work and interviewing thousands of farmers, to find, if possible, where I H C harvesting machines can be improved.

This method of keeping I H C harvesting machines up-to-date—of making them suit every condition—has been going on year after year for over half a century. That is why I H C harvesting machines get all the grain, whether it is tall or short, whether it is down and tangled, or standing straight, whether the land is hilly or level. That is why all the bearings in I H C harvesting machines are easily accessible, so there is no difficulty in oiling the working parts and giving the machine the proper attention which it needs. That is why, in a nutshell, I H C harvesting machines are right in every respect.

Also bear in mind that exact duplicates of all I H C harvesting machine parts are carried in stock by the I H C local dealer for your convenience in case of accident or other emergency. And remember, too, that the I H C reputation is a guarantee of quality—a guarantee of your satisfaction—a guarantee of utmost value.

Why not visit the I H C local dealer at once, while you have plenty of time before the rush season? Take the step now that will insure for you a quick harvest and a full harvest. Look over your equipment—investigate—then decide. Don't overlook the haying machines and tools of those lines.

Don't experiment with binder twine, either. Get one of seven perfectly dependable brands of twine and be sure. Choose Champion, McCormick, Osborne, Deering, Milwaukee, Plano, or International—in Sisal, Standard, Manila, and Pure Manila brands.

If not convenient for you to call on the I H C local dealer at once, or some day this week, be sure to write for the catalogues you are most interested in and any special information you desire.

**International Harvester Company of America**  
(Incorporated)  
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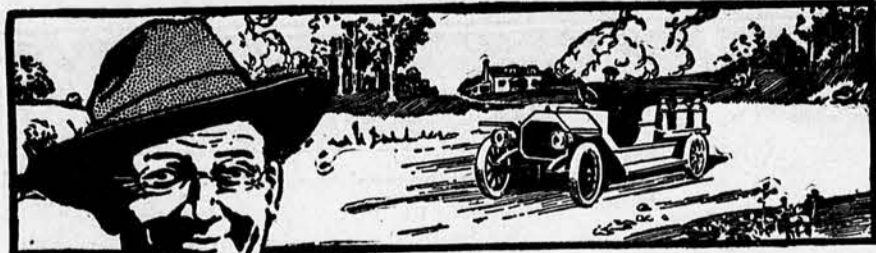
until the corn is too large to cultivate with the cultivator; then if necessary it should be cultivated with a one-horse garden plow.

"Corn should never be laid by un-

less you have a good, loose mulch to hold the moisture. Take care not to plow too deep after the second time, as you are apt to do more harm than good by cutting the roots and giving

the corn a serious backset. With a proper seed bed, good pure bred seed and careful cultivation, the average yield of corn in Kansas can surely be increased."

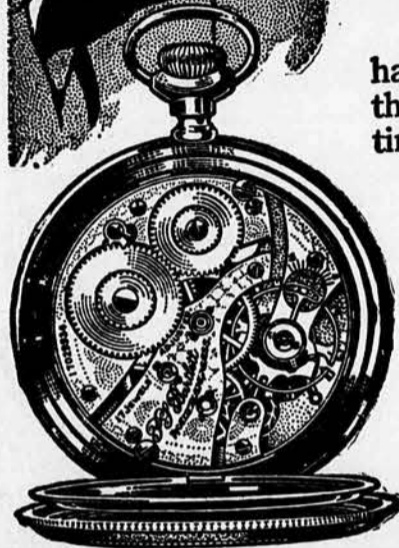




Out in the country—away from the time-message of factory whistles and tolling bells, the need of an accurate reliable time-piece is imperative. That is why the

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has always been the time-piece of the Farmer. It is the dependable time-piece. It keeps accurate time without being "set" every few days by whistle, bell or chronometer.



The Solidly constructed P. S. Bartlett Movement is especially recommended to the outdoor man. It is a famous Waltham movement that renders a life-time of splendid service under hardest usage. Made in 16 and 18 sizes—has 17 select jewels and is adjusted to temperature. We guarantee Waltham Watches against all original defects. Write for free booklet descriptive of Waltham movements.

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# LIVE STOCK



### Kansas Stallions.

The work of the Kansas Stallion Registry Board shows that there are a great many more grade and mongrel stallions standing for public service in Kansas than there are pure bred animals. The number of pure bred stallions of the different breeds which have been accepted for record in this state is as follows: Belgians 133, Cleveland Bay 15, Clydesdale 41, French Coach 35, French Draft 261, German Coach 38, Hackney 12, Morgan 17, Percheron 1,342, Saddlebred 16, Shetland 9, Shire 114, Standard 553, Suffolk 1, Thoroughbred 12.

### Gets Much for Little.

I am taking advantage of your liberal offer and am enclosing check for renewal and for subscription for my son; and like the little boy, look forward to the time when I shall receive your liberal premium.

We have been constant readers of your valuable paper for a long time, and like the good wife with the new kitten, wouldn't know how to get along without it. The "Old Reliable" has been an inspiration to us, both in farming and stock raising, and many articles are worth more to us than the subscription price. The editorials alone are worth more than the price of the paper, and we regard this as a case of getting a great deal for a small amount of money. We hope the editor will not take this as a case of flattery, but as a matter of fact.

The farmer who does not take and read a good, reliable farm and stock paper is a long way behind the times. We take four good farm papers, besides several general newspapers, two of which are dailies. It is said by some, "Where ignorance is bliss, 'tis folly to be wise." We can't see it in that light. This is a progressive age. With all the good, reliable farm and stock papers, so cheap in price and so valuable in fact, there is no excuse for any one being ignorant who can read.

Practical knowledge may be best as far as it goes, but life is too short to get it all that way. Theoretical knowledge put into practice as far as it can be done, is the surest road to success. Not that I would advise any one to rely wholly on what he reads, but would have him put on his thinking cap when he reads an article and improve on it as much as he can. By doing so success is sure to crown his efforts. I do not wish to be egotistical, but what I have learned in the "Old Reliable" about the care of brood sows alone, especially at farrowing time, has been worth to me many times the cost of the paper.

I keep from 25 to 35 brood sows, and have them farrow both spring and fall. I have learned that it is an easy matter to ruin our sows and kill the little pigs with kindness. At farrowing time the sow should have her individual pen, with plenty of good, clean water in the trough, but should have no grain nor be molested for 24 hours, except to be with her if you can at farrowing. That is my practice. As the pigs come I put them in a basket, and if it is chilly I put a hot brick in the basket with enough straw on top not to burn the pigs. When through the sow will nestle down, and then I put the pigs in the nest and keep away until time she should have feed.

Now care should be taken. I begin by feeding one ear of corn at a feed. The third day I give two ears, and just increase feed at that ratio until pigs are ten days or two weeks old when she should have all the nourishing feed she will clean up. Avoid sour slops while pigs are small, or your pigs may go to pig heaven and you will wonder what is the matter with them. A little sweet separator milk may be given to advantage after the pigs are a few days old.

When the pigs are old enough to follow the sow, let them go to grass, but feed well and see how soon the little pigs will make hogs of themselves.—J. L. Windbigler, Oswego, Kan.

### Breeding the Large Type of Poland Chinas.

In breeding this large type of hog, or in fact any type, there is such a great difference in opinions as to what constitutes a certain type, also a great many different conditions and influences that tend to shape or change a type that I do not expect all to agree with me on this question. But the fundamental laws of cause and effect still exist, so I will try as best I can to describe the type or kind of hog that comes the nearest fulfilling the requirements of today and give you my idea of hog this type is to be produced.

First we will consider the sow or mother of this family or type. Almost anything to be well built must have a good foundation, so the sow must have feet of good size, the toes must be short so as not to spring nor spread out of shape when she becomes heavy. These feet will support large legs composed of short joints and firm solid bones with very little meat on them, set well apart to support the body. The hock should be wide and of good length, the eyes prominent and set wide apart, giving plenty of room for brain. The face should be slightly dished. The ears should be of good size, set well apart and should stand out and down in front of the eyes. The neck should be short and clean cut on the under side with rather spare jowls, thereby making breathing freer and easier. On top the neck should be full and wide and extend out to fore part of the ears and back to the shoulders, being only a little lower than the top line when the head is up, making what is termed a good crest and giving character to the individual. The shoulders should be of great depth and fair width, the rib well sprung so as to make plenty of room for the vital organs, and for this same reason the breast bone should be let low down and be wide, filling out the sunken places just back of the front legs or shoulders so noticeable in scrubs. The hips should come forward and connect to the back bone near enough to the shoulders so that the connecting point is a little short of midway of the entire distance from the shoulder to the rear of the ham, thereby making a strong back with good, stout coupling and giving great top and fore length to the ham, which is I think more essential than that bagging down around the hock that so many breeders do upon. This shape of hams and back will give deep, full sides with great length of lower line when well let down in the flanks, enabling the sow to carry a good sized litter without getting so stuffy and clumsy. There are always to be found plenty of plates on a dinner table built after this fashion. This kind of a sow will easily weigh 250 pounds at 7 months of age and just keep raising pigs and getting larger until she will weigh 600 pounds at maturity. So much for the sow. Now for the boar or other half of the family. He should be built on a good deal the same plan as the sow only on a little larger scale and should be more compact, and with more width especially in front of shoulders. He should crest higher and heavier, giving him more of a muscular line look. His ears should be proportionately smaller and his hind legs straighter. The tail should be set high which is characteristic of good feeders. Taken all in all, the boar should be some 200 pounds larger than the sow at maturity, and is of a squarer, more compact build.

This pair, mated and properly handled, will produce the desired large type or farmer's hog that is demonstrating its worth and superiority on thousands of farms today. This arises from the question if this mating produces just what is wanted, can we reproduce it from their progeny?

My answer is yes providing the same care is taken in selecting individuals and sticking as close as possible to the model for conformation and using only such bloodlines for crosses as come nearest producing the



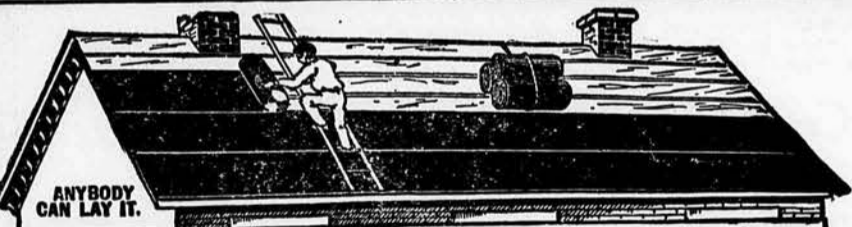
## Which Way Do You Shear?

It takes an expert to use the old hand shear well and the work is hard and irksome. It means tired, swollen wrists and aching back. It means second shearing in the wool, uneven shearing and, very often, injury to the sheep. With a Stewart Shearing Machine all that is changed. Anyone can operate it and do good work. It turns easy, shears fast and even, does not put any second cuts in the wool and gets from 15c to 40c worth more from each sheep than the hand shear.

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has all gears cut from the solid steel bar and made file hard. They are all enclosed and protected from dust and dirt and run in oil. Every joint of the shearing shaft and the bearings themselves are fitted with ball bearings. As a result it turns easier and shears faster than any other machine. Price of this machine, complete, with four combs and four cutters, is only \$11.50. It is the greatest sheep shearing machine value ever offered. Get one from your dealer or send \$2 and we will ship C.O.D. for the balance. Remember, if you are not thoroughly pleased send it back and get your money. Write today for our free copyrighted book, "Instructions on Sheep Shearing" by the leading American expert. SEND NOW.

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

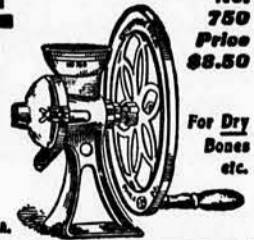
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Catalogue FREE. Famous Recipe Book, "The Enterprising Housekeeper," for 4 cents in stamps. THE ENTERPRISE MFG. CO. OF PA., DEPT. 58, PHILADELPHIA, PA.



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For Dry Bones etc.



Individuals up to this standard. When new blood is to be introduced into the herd it should be chosen from bloodlines that have been bred along the same line for several generations, no matter whether popular or unpopular.

As I stated in the beginning there are many conditions and influences that will add to or take from the building of a certain kind or type of hog. By this I mean proper feeding, exercising and many kindred little details so essential to type building. As most of the stock journals have printed from time to time good solid articles on the care and feeding of the hog at various ages and stages, will touch only on a few of the results to be expected, or in other words, penalties to be paid for a lack of this care and attention. Now, for instance, take the ideal large type hog I have described him, cut off his exercise, give him a strictly concentrate diet and you will be breeding lithe, fine boned fellows that have been weighed in the balance and found wanting. And again swap conformations giving the sow the square, compact build and the boar the loose, pomy build and your troubles will be letters of small pigs with a tendency to become narrow faced, flat ribbed, with a lack of hustle and do.

Again, if the sow and boar are both of the loose, stretchy build the pigs are apt to be on the slim, narrow, egg order and be poor feeders and slow developers, though getting to good size if given time enough. While both parents are of the compact, tight formation, the pigs will be a good deal on the build of the parents, but will lose greatly in size at each successive cross, giving you a pig that will stop at 150 or 200 pounds at the most, though getting to the weight in rather short time.

One of the strongest arguments in favor of the larger type is that, taken on the average hands, they come nearer taking care of themselves and it takes longer to rob them of their good points by poor mating, unbalanced feeding and a general lack of care. This they almost invariably receive in account of other supposedly more important pursuits where hog raising is only a side line.

In the breeding of hogs it is like every other branch of business, the small details well looked after are what makes it go and if left undone will spell failure. The help for this is in the reading of all the good articles published by the live stock journals and good judgment and common sense well applied.

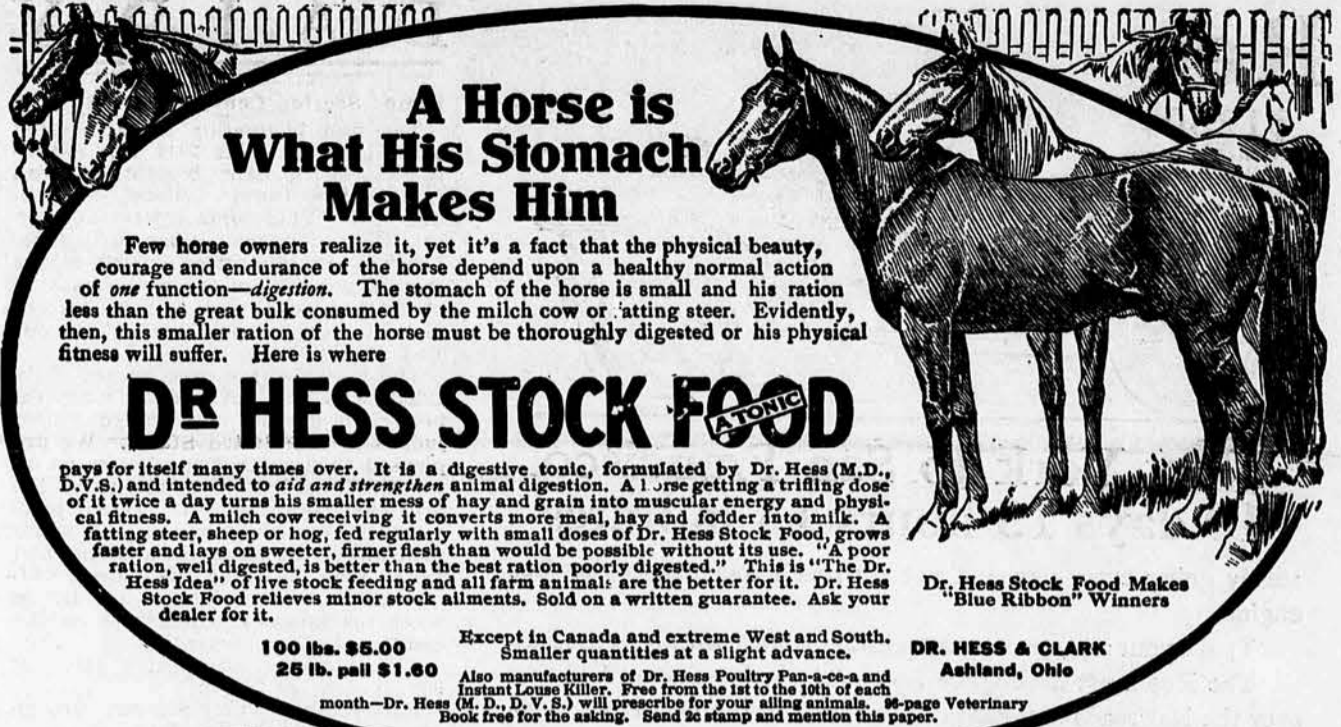
Now I have given my ideas as to what a large type hog is and how to produce him. In support of the argument that my convictions are right and that this type is coming nearer fulfilling its mission, that of filling the pork barrel quickest and cheapest than any other type or kind we will go back to cause. Why have we got this type today and why are they taking the lead? Simply because the others did not fill the bill and something had to be done. So a few set about finding the remedy with the result that we have today a type of hog that while not perfect, is better than any of its predecessors and is the best and most profitable adjunct to farming to be found. And this is what I term effect.

In conclusion I will say that while I am a stickler for the strictly large type of hog, I am a lover of all good hogs and am ready and willing at all times to swap experiences and ideas with others in this greatest of all branches of live stock breeding. It is from just such exchange of ideas that we find the remedy for small things that have been baffling us and causing losses.

What I have said has been said for the good of the cause as I believe every one has a right to a say however poor that say may be. So if what I have said herein does not meet with your entire approval I hope at least it has not been entirely in vain and I wish to extend to all lovers of good hogs a cordial invitation to call on us at our farm near South Mound, Kan., and see for yourselves what we are doing towards producing this popular, praiseworthy, prolific, Poland pig.—Roy Johnston, South Mound, Kan.

Some men who pose as prophets are really dead losses.

Sometimes people fall in love at first sight and then wish they had taken a second look.



### A Horse is What His Stomach Makes Him

Few horse owners realize it, yet it's a fact that the physical beauty, courage and endurance of the horse depend upon a healthy normal action of one function—*digestion*. The stomach of the horse is small and his ration less than the great bulk consumed by the milch cow or fattening steer. Evidently, then, this smaller ration of the horse must be thoroughly digested or his physical fitness will suffer. Here is where

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pays for itself many times over. It is a digestive tonic, formulated by Dr. Hess (M.D., D.V.S.) and intended to aid and strengthen animal digestion. A horse getting a trifling dose of it twice a day turns his smaller mess of hay and grain into muscular energy and physical fitness. A milch cow receiving it converts more meal, hay and fodder into milk. A fattening steer, sheep or hog, fed regularly with small doses of Dr. Hess Stock Food, grows faster and lays on sweeter, firmer flesh than would be possible without its use. A poor ration, well digested, is better than the best ration poorly digested. This is "The Dr. Hess Idea" of live stock feeding and all farm animals are the better for it. Dr. Hess Stock Food relieves minor stock ailments. Sold on a written guarantee. Ask your dealer for it.

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Also manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer. Free from the 1st to the 10th of each month—Dr. Hess (M. D., D. V. S.) will prescribe for your ailing animals. 96-page Veterinary Book free for the asking. Send 2c stamp and mention this paper.

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Dr. Hess Stock Food Makes "Blue Ribbon" Winners

### DR. HESS POULTRY PAN-A-CE-A

Laying hens, growing chicks, moulting fowls—poultry of all kinds, ages and sizes—need Dr. Hess Poultry Pan-a-ce-a in daily doses. It stimulates egg production, hastens growth and fattening, shortens the moulting period, cures minor ailments and pays the poultryman several hundred per cent. profit on its purchase price. Ask your dealer for it.

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112-Inch Wheel Base  
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The Moline has always been a special favorite with farmers—always advertised in farm papers—more of them owned by farmers—especially built to meet all the conditions under which farmers must use a car. Naturally it gives better service—stands up longer—proves more economical and more popular with farmers than other cars.

That is why it is the best car for farmers. Think of covering 2,852 miles over rocks, stumps, gullies, bridgeless streams, railroads, etc., and having

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Moline Automobile Co.  
Gentlemen: It may interest you to know that there are seven Moline in this locality all in the hands of green, inexperienced farmers, like myself, all giving perfect satisfaction. As a hill climber and a car for country roads, I can't see where anyone could get a car equal to the Moline. My operating expense is surprisingly low, and I have not spent a cent for repairs.  
J. W. Southwick, Kalona, Iowa.

**No Motor Trouble**  
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**No Brake Trouble**  
**No Lubrication Trouble**  
**No Wheel Trouble**

**No Axle Trouble**  
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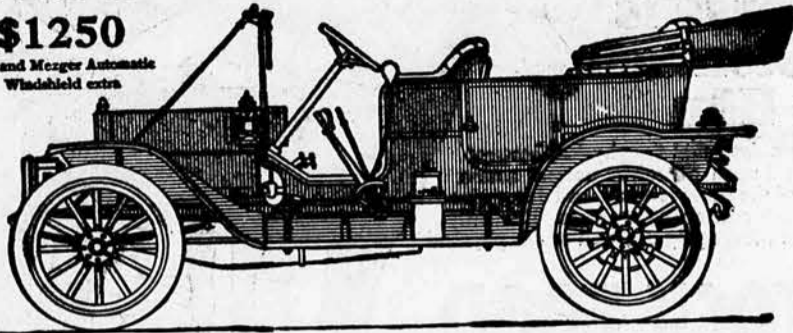
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# DAIRY

## Butter Scoring Contest at K. S. A. C.

The first bi-monthly butter scoring contest for the year 1911 was recently held at the dairy building, Kansas State Agricultural College, Manhattan, Kan. This contest was the largest ever held at this institution. There were 15 entries, which means that 20 per cent of the butter makers of Kansas took part and we expect to have more entries than this in our May contest.

The butter was scored by Mr. F. L. Odell, who is a government dairy expert, one of the most noted butter judges in the United States. We are pleased to note that the butter as an average was better than that of the previous contests. Mr. Odell commented very favorably on the workmanship of the butter as a whole, and stated that the thing the Kansas buttermakers have to work for is, to teach the farmers to improved on the quality of their cream.

The following men had a score of 90 per cent or above:

- Buttermaker, Jno. Stewart Creamery Co., Clyde, 93 per cent.
- J. A. Beckman, Merritt-Schweler Creamery Co., Great Bend, 92 per cent.
- N. O. Nelson, Continental Creamery Co., Topeka, 92 per cent.
- Geo. Steffenson, Deer Creek Creamery Co., Atchison, 91 per cent.
- Buttermaker, Acme Creamery Association, Abilene, 91 per cent.
- A. A. Oswald, Jensen Creamery Co., Junction City, 90 per cent.
- H. J. Binner, Hutchinson, 90 per cent.

The butter was held at the college six days, and then shipped to Chicago, where it was rescored by Mr. J. C. Joslyn, Federal Market Inspector, who is also considered one of the foremost butter judges.—A. W. Rudnick, Assistant.

A high grade, guaranteed Red Barn Paint is sold by the Sunflower Paint & Varnish Co., of Fort Scott, Kansas, at 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition well worth considering by every farmer.

### Farm Dairying.

I like KANSAS FARMER fine and think the dairy department is splendid. I am anxious to learn all I can about dairying, and wish to ask if you will tell me something about Holstein-Friesian cattle. Is the milk of this breed as rich as that of the other dairy breeds? How heavy do the Holsteins generally get? Would they be better adapted to general farm conditions than the other dairy breeds.—C. J. Fisher, Doles Park, Colo.

The best breed of dairy cattle is the breed you like best. The Holstein-Friesian breed is distinguished from all other strictly dairy types in the size of the animals and their large feeding capacity. They are very heavy producers of milk, and when they are well fed and cared for have no equals in a quantity yield. In regard to the richness of their milk a definition of the term is necessary before explanation is given. Holstein milk will test from 3 to 4 per cent with many tests running higher than this. Jersey milk, for comparison will test as high as 6 and even 8 per cent in exceptional cases. Jersey milk is small in quantity as compared with the Holstein, but seemingly produces a larger proportionate amount of cream for the reason that the fat globules in Jersey milk are very large and rise to the surface easily. When Jersey milk is skimmed thoroughly there is comparatively little butter-fat remaining in it. Holstein milk has smaller globules of butter-fat which separate from the body of the milk more slowly, and hence, it is not generally thought of as being as rich as Jersey milk, though the individual cow from her large production of milk may yield more butter-fat than will the Jersey.

Where a farmer is raising young stock, particularly pigs and calves, the Holstein will furnish him with large quantities of skim-milk, which can be fed fresh from the separator with excellent results, provided the butter-fat is replaced with oil meal, corn or Kafir corn. Holsteins being very large animals are large consumers of feed, and hence cost more for

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ONLY 85c Per Gallon In 5-gallon cans Delivered. It is economy to use plenty of good Paint, but it is poor economy to pay too much for it. Our Red Barn Paint at 85c. per gallon, delivered, in 5-gal. cans, will give full value for your money—guaranteed for spreading and lasting qualities—is a strong, live, bright, rich red. You could not buy a better Red Barn Paint if you paid \$2.00 per gallon. Our price of 85c. per gallon in 5-gal. cans, freight prepaid, gives you the best paint and saves the money for your pocket that others ask you to pay retail dealers', wholesalers' profits and traveling men's heavy expenses. This company is in no trust and sells direct to consumer at factory prices, freight prepaid on shipments of 5 gallons or more. This is paint season. Send order now to Sunflower Paint & Varnish Co., Fort Scott, Kansas.

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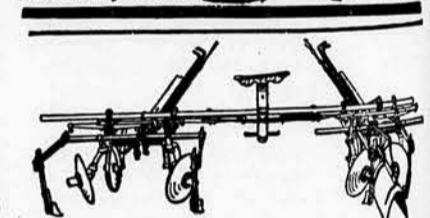
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mance than do Jerseys. The decision must be made by the himself. If he is supplying customers or feeding young as before stated, he will find obtain ideal for his purpose. are very popular among farm- some find it profitable to them with some of the beef in order to produce market We do not believe it ever to mix breeds of any kinds, as and enough to keep pure bred at their highest state of ef-

have an abundance of rough- can engage in the hog rais- business, along with your dairy bus, we believe you will find obtain a very satisfactory an- raise on the farm.

### Filling the Silo.

has been a great interest in the silo and its usefulness Kansas conditions, and some have bought equipments and ken to manufacture ensilage a full knowledge of the best. In some cases thrs has re- disappointment. One farm- uthern Kansas complains that erience along this line has re- partial failure, though other in the same county seem to Careful inquiry develops the he did not have the neces- knowledge of methods.

verage Kansas corn field will from 10 to 15 tons of mate- available for silage. This corn be allowed to grow until it is well matured and the grain is ough stage before it is har- Corn cut too early makes a hich is lacking in food ele- That which is cut too late cure so well.

the operations of cutting with a cutter in the field, and of up the corn with the ensilage most people are already famil- in these operations is not the cause of failure as a rule. must be practically air tight the ensilage is carried into it carrier, it should be spread refully tramped around the The weight of the ensilage d in the center of the silo re to compact that portion of age but the friction of the ll prevent settling around the unless it is carefully tramped. can do this in a small silo, the silo is large it would per- better to use two.

real economy to use two med- silos rather than one very e. This is economy in the preservation and curing of the and also in the feeding oper- hich follow. With such an ment one silo can be used for eeding, and the other one or of it for feeding during the drouth.

placed in the silo in the con- med will generate a consid- egree of heat, and this is nec- or the proper curing of the If the corn, for any reason, be too dry then it should be is packed. This can be done ng a hose over the top and the ensilage down as it comes elevator. One dairy farmer hat he believes it to be im- to get the silage too wet and reason he does not place a e his silo, though he does e ensilage with a layer of ay. He also states that at m of the silo, which has a foundation made of concrete, a large amount of liquid mixes with alfalfa leaves and finds it exceedingly val- a feed.

farmer reports that during nt winter he has been feed- cattle with ensilage, to which



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was added a small ration of corn and he never had cattle do better. When he came to weighing them, however, he found that their appearance was deceptive and they did not weigh up to his expectations. This was due to the fact that he wintered his cattle almost entirely on ensilage and gave them no corn or dry alfalfa hay to amount to anything.

Ensilage is not a complete food ration and animals will not fatten on it alone. With a ration of corn and dry alfalfa hay ensilage will produce the most vigorous growth of any feed that is available during the winter season. It furnishes the succulence of green grass which is so necessary to balance up a ration.

June grass is a complete ration for a dairy or beef animal under ordi- nary circumstances, but is not a complete ration for a very heavy produc- ing dairy animal or a fattening steer. The same is true of ensilage when fed to heavy producing animals of any kind. Animals can live on it but can not do their best work on it alone.

Other crops can be used for the manufacture of ensilage but perhaps nothing is so good as corn in the strictly corn belt. To the west Kafir corn and milo maize may be used just as effectively as they are the corn crop of that region. Alfalfa has been used and with success, but it is so valuable when well preserved as dry hay that it does not seem to be necessary to manufacture it into en- silage in order to increase its value. A ration composed of corn or Kafir corn ensilage, plenty of good alfalfa hay, and corn or Kafir corn grain will produce better results than any other cheap combination of feeds available in this country and this fact places Kansas a long way in the lead of many states that are less fortu- nately situated.

The substantial decrease in our re- cent exports of meat products and grain does not mean that American agriculture is becoming decadent. As a matter of fact, the average yields of the principal cereal crops to the acre, show a slight increase, but the further important fact remains that the aggregate of farm production is not increasing in-proportion to popu- lation.

The cow is the most prominent star in the milky way.

### Silage Pays

Our new free book tells you in plain figures the profits from ensilage feeding; also describes the new con- venient features of the

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This new book covers every disease known to poultry. It has the following chapters: I. Requirements of Health. II. The Skin. III. Legs and Feet. IV. Head, Throat and Nasal Passages. V. The Lungs. VI. The Crop and Intestines. VII. The Abdomen and Egg Organs. VIII. Parasites. IX. Habits.

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# POULTRY

The hatching season is now in full swing and the chirp of the chick is heard in the land.

But to keep the chick a-chirping it is very essential that it should have the best of care and attention.

This means feeding several times a day all they will eat up clean. Then give plenty of grit and charcoal and pure water to drink at all times. In addition, all their surroundings should be kept scrupulously clean.

In reply to inquirer would say that a frosted comb does not hurt the breeding qualities of a male bird. It mars the looks of the bird and he will not do for a show bird, but he will be all right as a breeder.

Condiments and stimulants are not conducive to profitable poultry raising. Like the whip on the horse, they spur to unusual activity for the time being, but are invariably followed by a period of lassitude or inactivity. The best stimulant that can be given poultry is wholesome food in variety and healthful exercise.

### S. C. B. Leghorns.

It costs no more to raise a flock of pure bred chickens than an ordinary flock. The eggs should be of uniform size. I raise S. C. B. Leghorns exclusively, giving them the range of the farm and find that they are great rustlers, free from disease and are without doubt the best of layers. I have a hundred hens and during the month of February got 2,000 eggs, making an average of about 70 per day. By setting the incubator one can have early chickens and your hens will go right on laying. The work of tending an incubator is less exposure in spring weather than cleaning hen nests and watching to see that old bidy is on the right nest. The setting hen must eat as well as the laying hen. With a nice flock of S. C. B. Leghorns one can count on their paying you for your time in caring for them. The young chicks mature very early and are soon ready to care for themselves.—Mrs. T. L. Wooddall, Fall River, Kan.

### Color of Eggs.

A recent bulletin from the Department of Agriculture on the color of egg shells says: "It is a matter of common observation that hen's eggs vary rather widely in color, ranging from a clear white to a decided light brown. Domestic poultry have descended from several wild strains, the various breeds being formed by numerous crossings. The color of the egg shell, it is generally believed, is a characteristic which has been transmitted from the early ancestors of our modern breeds. "There is no constant relation between the color of the shell and the composition of the egg, although there is a popular belief in some localities that the dark shelled eggs are 'richer.' That there are no differences in the physical properties and chemical composition between brown shelled and white shelled eggs was shown by investigations carried on at the California and Michigan Experiment Stations, this work having been summarized in earlier publications of this department. "The color of the shell has, however, an effect upon market value, and brown shelled eggs bring the higher price, for instance, in the Boston market and the white shelled eggs in the New York market. In England the preference is decidedly in favor of the tinted eggs. "One great advantage which all breeds producing tinted eggs possess is that they are in general better winter layers than the varieties producing white shelled eggs, this being perhaps due to the fact that they are usually very good sitters and mothers, and so obtain a rest during the spring and summer months."

# KENDALL'S SPAVIN CURE

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Gentlemen: Please send me copy of your TREATISE. I have been using your Spavin Cure for 20 years, and find it the only sure remedy. It is the best I have ever used for horses and man.  
Yours truly,  
W. J. Helms  
That tells the whole story, and it is the experience that hundreds of thousands have had in the past 40 years, and it's the experience you will have—It is the only sure remedy!  
For Spavin, Ringbone, Gurb, Splints, Swellings and All Lameness  
Sold by Druggists—\$1.00 a Bottle, 6 bottles for \$5.00. Keep it on hand always. Be ready for the emergency. Kendall's stops the pain, starts the circulation, penetrates and removes the cause of the disorder. Ask for a free copy of "A Treatise on the Horse." If not at dealers write to—  
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The book entitled, "The History of White Diarrhoea or Why Incubator Chicks Die," will be sent absolutely free by return mail to any one sending us the names of 5 to 8 of their friends that use incubators. This book can save you \$100 this summer. It describes white Diarrhoea, or bowel trouble, the cause, and tells of a cure. Book absolutely free for the names.

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I used to have to make as high as 10¢ for each one-half as many. But I'd rather get down the price and sell more than twice as many on 7% making profit. And Old Trusty is better than ever this year—over 100,000 hatches guaranteed and my guarantee over you ten years. Handsome metal covers over asbestos covering. Egg timers find the simple, easy to run and sure. Expert poultry raisers praise Old Trusty for its standard success.

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JOHNSON Pays the Freight (East of the Rockies)

Whichever one you do—don't miss this offer. I miss my 1911 Old Trusty Book with 100 photographs. Be sure to write me a postal card you buy anybody's machine this time. Address M. M. JOHNSON, Clay Center, Nebraska.

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It's guaranteed. Write for circular and testimonials. Carbolineum Wood Preservative Dept. 88





# The GRANGE

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- Overseer.....Albert Radcliff, Topeka
- Lecturer.....A. P. Reardon, McLouth
- Secretary.....O. F. Whitney, North Topeka
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- .....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
- .....L. Mabel Waters, Berryton

**Grange Notes.**

Be prepared to devote plenty of time to the material sent out by the Committee on Education.

The very latest is South Cedar, from Jackson county, in new territory organized by Charles Felker, Deputy for South Jackson county. This is the second one for Brother Felker. What is your deputy doing?

The farmer driving through town with his prancing horses drawing a fine rig is the farmer on parade. The farmer in the field behind the plow is the farmer proving his right to be on parade.

The Deputies are requested to see if there is some favorable location where a Grange can be organized, and if they can not attend to it to notify the State Master or Secretary and an organizer will be sent out to organize it.

The Deputy of each county is requested to carefully read Article 7 of the Constitution, and make arrangements for a detailed report during the year. Now is a good time to inspect each Grange in the county, especially the new ones. A few suggestions from one who has had experience is often of much benefit to a weak or struggling subordinate Grange.

**Report From Valley Grange No. 736.**

Both regular meetings of the Grange. Several applications for initiations and the discussion of plans for entertaining the Pomona Grange of the Grange begun last month. Eight new members were taken in and a contract with a local dealer made to buy eggs, and sell feed to the Grange in March were taken up with membership were received and plans for extending the co-operation work on April 7 were made.

The Shawnee County Pomona met March 16, and was well attended by representatives from seven Granges. Much business was transacted of local importance. A county business committee was elected to investigate conditions and submit propositions to certain industries. The Pomona will bring the nine Granges in the county into closer relations and also improve the conditions in regard to the consumers' profit, besides offering better opportunities for our educational features.

Twin Mound was organized on March 23, with a membership of 37, and plenty of good material in sight. Scott Harding, Master, and Mayme Postma, Secretary.

Much work is expected from this Grange, as it rises, Phoenix like, from where once was one of the best subordinate Granges in the state.

Many of the members are children of the Patrons who made the name of Twin Mound famous. Among other things accomplished by the former Grange was a good library, a monument to the teachings of our order.

The Grange is just a plain, ordinary organization for the farmer. It goes with him and the rest of his family in all the walks of life and has its influence in every community where one is organized. In joining a Grange you have an opportunity to gain much and lose nothing. The Grange is the parent of the farmers' institute and institute workers say they can tell when they are in a Grange community by the interest taken and the intelligent questions asked. The Kansas State Grange has been established 39 years, and has safely passed the experimental age. It has accomplished much good and is in the field to do still more good.

## Tires 10% Oversize

### 25% More Mileage—No Extra Cost

If you buy tires for an automobile, let us explain how to cut the cost half—as tens of thousands are doing.

The tires which we tell of—Goodyear No-Rim-Cut tires—are now the sensation of motordom.

Last year our tire sales trebled—jumped to \$8,500,000—because we controlled these tires.

This year 64 leading motor car makers have contracted for them. They outsell our clincher tires six to one.

And these are the reasons:

#### No Overloading

About 25% of the average tire cost is due to overloading.

The tire size is adapted to the car when stripped. But when you add extras—top, glass front, gas tank, extra tire, etc.—the tires have too much weight. And you overload them otherwise frequently.

The result is a blow-out.

Goodyear No-Rim-Cut tires, to take care of these extras, are made 10% oversize. The rim flanges flare outward when you use this tire, so this extra size is possible.

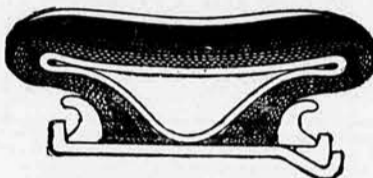
We supply this extra size at no extra cost. That means 10% more air, and air carries the load. It means 10% greater carrying capacity. It means, with the average car, 25% additional mileage per tire.

You get the same result as though you paid for a 10% larger tire.

#### No Rim-Cutting

Then these patented tires end the damage of rim-cutting. Other tires are ruined when you run them flat. Rim-cutting, on the average, adds one-fourth to one's tire bills.

Note the picture below.



#### The No-Rim-Cut Tire

This tire is fitted on a Universal rim—the standard rim now adopted by nearly all motor car makers. But the tire fits any rim.

The removable rim flanges are simply set to turn outward, instead of inward—as with the old-type tires.

The tire, when deflated, comes against a rounded edge. You can see why rim-cutting never occurs.



#### Ordinary Clincher Tire

With ordinary tires these removable rim flanges are set to curve

inward, to grasp hold of the hooks in the tire. That's how the tire is held on.

Note how those thin edges dig into the tire. That is what ruins a tire—in a moment—when puncture makes it flat.

#### How We Avoid It

In the base of our tire we vulcanize 126 braided wires. That makes the tire base unstretchable. It can't be stretched over the rim flange—can't be forced off—until you remove the flange.

When this tire is inflated the braided wires contract. The tire is then held to the rim by a pressure of 134 pounds to the inch.

That's why the hooks are unnecessary. That's why the rim flanges don't need to dig into the tire.

This feature is controlled by our patents. And there is no other feature ever invented which makes a practical tire of this sort.

#### Tire Book Free

We have sold enough of these tires to equip over 100,000 cars. The demand has become overwhelming. You should know the reasons if you own a car.

They are told and pictured in our Tire Book in a clear, convincing way. Let us mail it to you. Write us a postal for it.

You will insist on tires which cut upkeep cost half when you know the facts about them.



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## Pratt-Elkhart "40"

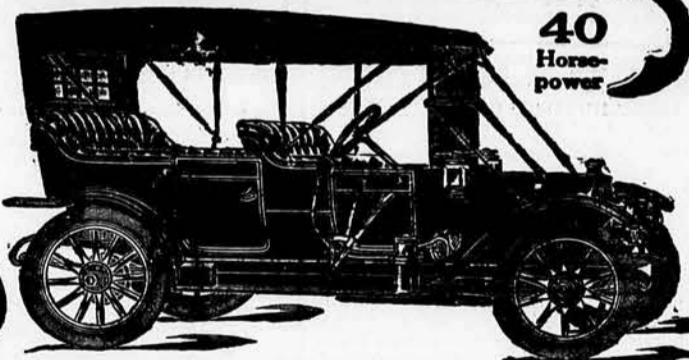
is the quietest, simplest and most powerful car in the "40" class. They are in use today in over half the States in the Union.

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Made in four classy designs; 117-inch wheel base, Unit power plant, three-point suspension, offset crank shaft, Bosch Magneto, 34x4-inch tires. List Price—\$1800.00. Top and wind shield extra.

We Want a Sample Car in Every Locality—Write for Catalog and very liberal proposition

ELKHART CARRIAGE & HARNESS MFG. CO., Elkhart, Indiana.



40 Horse-power

## Rankin Two Row Cultivator

SAVES MORE THAN A DOLLAR AN ACRE EACH CORN CROP.

—READ THIS LETTER—

KANSAS, June 11, 1910.  
DAVID RANKIN MFG. CO., Tarkio, Mo.  
Dear Sirs—You said for me to use the cultivator 15 days and if not satisfactory you would refund purchase price. I have used it 7 days, and I guess I will keep it. You could not get it for \$100.00 if I could not get another one like it. Yours truly, A. E. COFFELT.

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OUT THERE IN KANSAS.



# Horticulture

## Brown Rot in Fruit.

Investigators have found that the brown rot of our orchards is spread more rapidly by the plum curculia than through any other source. This is a native American insect, of many varieties, which breeds upon wild plums, hawthorns and crabapples but which finds cultivated plums, peaches, cherries and apples even more attractive.

According to Professor Hinds of the Alabama Station until within the last few years, orchardists have done but little in the way of controlling this pest. The most common method of control has been to jar the beetles from the trees during the early morning hours, catching them upon sheets stretched on wooden frames, and held beneath the trees. This has been an expensive and unsatisfactory method, securing only partial control. Within the past three or four years it has been found that these beetles may be kept away by spraying the peach trees with an arsenical poison two or three times during the early part of the fruiting season. Neutral arsenate of lead is about the only poison that can be used with safety on peach foliage. Extensive experiments indicate that the beetles do not eat this poison but rather that it acts as a repellent, as the beetles will immediately leave poisoned trees. The most economical and effective practice is as follows:

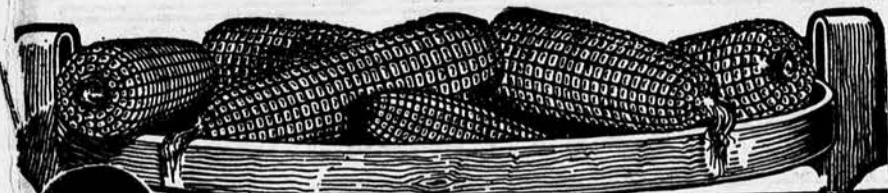
Within ten days after the period of full bloom, spray the trees thoroughly with a solution of two pounds of neutral arsenate of lead, with 3 pounds of freshly slaked lime, in a barrel of water. After about ten or twelve days, give a second spraying, this time using 2 pounds of arsenate of lead in each barrel of "self boiled lime sulphur" solution. Directions for preparing this solution are given in Bulletin No. 152 of the Alabama Experiment Station, which will be sent free to all applicants. The lime sulphur treatment is used because it is very effective in preventing the brown rot. By using the arsenate of lead and the self boiled lime sulphur together in this way one spraying is saved, and unless considerable numbers of the insects come into the orchard from outside sources, no further treatment will usually be needed. If there is evidence of further weevil work, a third spraying may be given in about two weeks, using the same materials as in the second.

Wherever twenty-five or more trees have to be treated, it will pay the owner to secure a barrel spray pump outfit. These are made in different sizes, and at costs ranging from about \$15 to \$25 for a good outfit. Two men at least are needed to operate a barrel pump, one to do the pumping, the other to direct the nozzle. A working outfit should include, at least, the following items:

The pump, which may be purchased either mounted in a suitable barrel, or without the barrel, in which case there is a saving of about \$3 on first cost, beside about half the freight. An oil barrel can be secured locally for about \$1.50, and the pump properly mounted therein by any one accustomed to the use of tools. In addition to the pump, secure thirty feet of one-half inch cotton covered hose of good quality. An extension rod about eight or nine feet long, according to the height of the trees to be treated, carries the nozzle easily to height of about ten or twelve feet. There are many types of nozzles. One of the most satisfactory is what is known as the "double Vermorel." In all of these nozzles, the spray comes out through a small opening in a thin metal plate, in the center of the nozzle. Other parts are often desirable, but these are really essential. Never leave the pump standing in spray solutions. Empty the barrel when the job is done, run clean water through the pump, keep the working parts well oiled, and such an outfit will be serviceable for many years.

Preparations for this spraying should be made at once, if this year's fruit crop is to be saved. The increased value of the fruit will pay the cost of treatment many times over.

The Spanish missionaries were irrigating their gardens along the Rio Grande 75 years before England planted her first permanent colony on our Atlantic seaboard.



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A BARGAIN IN ROSE BUSHES—UPON receipt of only \$1.00, we will deliver to any address, prepaid, six hardy, vigorous rose bushes, guaranteed with proper planting and care to bloom this season. This wonderful collection consists of a Crimson Rambler, a beautiful white rose, a dark red rose, a yellow rose, the new double red rose named after President Taft, and the queen of all roses, the "LaFrance," a large double pink rose. These plants are guaranteed to reach you in good condition and to give satisfaction. Address Rose Department, 625 Jackson St., Topeka, Kan.

PURE BOONE CO. WHITE SEED CORN. Raised on the best Kaw Valley land; tipped, shelled and graded. My corn is extra fine in quality and I will guarantee it. If not satisfied will return your money. Price, shelled, \$1.65 per bu.; ear, \$2. References: Shawnee State Bank, Topeka. J. W. Cochran, Silver Lake, Kan.

SEED POTATOES, BEST LATE VARIETY—Have car Gold Corn potatoes coming from Maine. Want to plant half, sell balance. Last season this variety planted here in June gave excellent results. Superior to "Peachblows" in yield and quality. Write for delivered price. C. F. Armstrong, Clyde, Kan.

WANTED—LOCAL MEN TO TAKE ORDERS for nursery stock in Kan., Mo., Okla., Ill., Neb. Experience unnecessary. Cash weekly. National Nurseries, Lawrence, Kan.

HORSES AND MULES.

SHETLAND PONIES—WRITE FOR price list. C. R. Clemmons, Waldo, Kan.

FOR SALE—REGISTERED PERCHERON stallion; ton horse; 8 years old. One German Coach stallion, weight 1600. One large jack and a good one. All sold sound and guaranteed right. This ad only appears once. Bridges & Blackwood, Moline, Kan.

VICTOR—REGISTERED PERCHERON stallion; black stars; 10 years old; heavy boned; weight 1700 lbs.; gentle; broke to work single or double; sound; has state license; two years' experience on range; sure; plenty of colts to show; will give spermatozoa tests. Price \$550. Charley Bull, Cimarron, Kan.

CATTLE.

FOR SALE—3 REGISTERED HOLSTEIN bull calves. W. H. Surber, Peabody, Kan. 7

FOR SALE—JERSEY BULL READY FOR service; his breeding is fine. E. B. Davis, Columbus, Kan.

FOR SALE—HOLSTEIN AND JERSEY cows, heifers and bulls; pure bred and high grades. G. G. Burton, Topeka, Kan.

FOR SALE—RED POLL BULLS; GOOD individuals of choice breeding; the large type from milking dams. T. G. McKinley, Junction City, Kan.

FOR SALE—REGISTERED JERSEY herd bull, 5 years old, son of Financial Count and Ruby Marigold. A. G. Nelson, R. 5, Chanute, Kan.

MILKING SHORTHORNS—2 HEIFER calves 4 and 6 months for sale; descending of Florence Aldrie 6th, which hold a official record of 494.90 lbs. butter in 365 days. G. Regier, Whitewater, Kan.

HAY.

E. R. BOYNTON HAY CO., KANSAS City, Mo. If you want to sell or buy hay, try us.

BEEES.

BEEES—STRONG COLONIES IN TEN-frame hives \$4.50. Special prices on quantities. O. A. Keene, Topeka, Kan.

MISCELLANEOUS.

FOR THE BEST HOME CANNER MADE address D. S. Warner, Goldthwaite, Tex. 7

VERY MILD AND SWEET LEAF TOBACCO for sale. Free sample and prices for 2c stamp. W. L. Park, Adams, Tenn.

CHEESE—46 LBS. (4 CHEESE IN BOX), 15c per lb. Freight prepaid to your station. Cimarron Cheese Factory, Cimarron, Kan. 6

\$3.00 TO \$5.00 A DAY IS WHAT YOU can make if you will take subscriptions to KANSAS FARMER in your neighborhood. Thousands of subscriptions are now renewing. You can get a nice income from this business if you will take hold of it. Write Circulation Manager, Kansas Farmer.

FINE PRINTING FOR REASONABLE prices. Catalogs, circulars, letter heads. Everything in the printing line. Write for samples and prices. Western Printing Co., 625 Jackson St., Topeka, Kan.

GUARANTEED Seed Corn

Pure Reid's Yellow Dent. Bred for Vitality and High Yield. Awarded first prize at State Corn Show on record-breaking yield in the acre contest. Also many other prizes at leading corn shows. Especially adapted for Kansas. Personally grown and selected, honestly and scientifically bred. Absolutely guaranteed. Prices: Shelled, 5 bu. and more, \$2.25 a bu.; single bu., \$2.50; in ear, 5 bu. and more, \$1.50 a bu.; single bu., \$2.75. Order quick, for I have only limited amount left.

JOHN HEROLD, Lock Box 14, Lewistown, Nebraska.

FIELD NOTES.

Terry Buys Jack.

T. H. Terry, Bavaria, Kan., who is one of the directors of the Kansas Improved Stock Breeders' Association and an old-time breeder of draft horses and jacks, made a splendid purchase at Topeka last week. Having read the advertisement of Saunders & Maggard in Kansas Farmer, Mr. Terry came down and bought what he considers one of the finest young jacks in the state of Kansas. This jack stands 17 hands high at 2 years old and has a 19-inch hock. The high class farmers of Saline county, who are Mr. Terry's neighbors and patrons, will be glad to learn of this splendid acquisition to his stables.

On Two-Row Cultivators.

This paper has had a good deal to say in the past few years about the advantages of using two-row cultivators. Of course such a machine must be properly made, otherwise it is liable to be a bigger nuisance than a help. One of the really good two-row cultivators now to be had is made by the Beatrice Iron Works, Box D, Beatrice, Neb. It takes only a postal card to write this company and get full particulars of their excellent cultivator. For the low price at which this two-row is sold, no one should fail to find out all about it in time to get one for early use.

A DeClow Jack to Kansas.

Mr. R. H. Towne of Valencia, Kan., who has been a farmer and breeder for many years, recently purchased a splendid young jack of W. L. DeClow, Cedar Rapids, Iowa. The seller considers this the best young jack in the state of Iowa and the best Mammoth jack he ever saw. He was sired by the great prize winner, Falcon 2d, who has a wonderful record as a sire. As Mr. DeClow made a standing offer of \$75 each for all males sired by Mr. Towne's jack as soon as they are old enough to wean, he shows evidence of being able to back up his faith in this new Kansas jack.

Ward Bros. Buy Herd Boar.

Ward Bros., the well known and popular Duroc Jersey breeders of Republic, Kan., write that they have recently purchased the great breeding boar, Cherry Boy, sire of the top things in George Briggs' sales of recent date. Cherry Boy is without doubt the greatest son of old Improver 2d. He is a large hog, very smooth and has already proven himself to be one of the best breeders in the West. He has certainly found a good home and Ward Bros. are to be congratulated upon the purchase. The Wards state further that they have an unusually fine bunch of pigs already farrowed and a number of sows yet to farrow.

The Ross Percherons.

Perhaps no man has done more for the improvement of the horses of his locality than Hon. George B. Ross of Alden, Rice county, Kansas. He has always handled the best of good horses and has sold them right. At this time he is offering 10 head of exceptionally good Percheron stallions from 2 to 5 years old and weighing from 1,700 to 2,350 pounds. Black or dark gray in color and most of them imported. There are also a few extra good mares and fillies and everything is registered with the Percheron Society of America. Mr. Ross has been a consistent and successful breeder and his barns are adorned with a large array of blue and purple ribbons. Here is a great opportunity to get choice imported animals and get them right. Mr. Ross is thoroughly reliable and his statements regarding his horses may be depended upon. Write or visit him early and get your choice of the lot. Kindly mention Kansas Farmer.

Better Stock in Clay County.

A great meeting has been called at Clay Center, Kan., to push the local "pure bred live stock and seed association." There are about 50 farmers in that county who are already breeding pure bred live stock and many more who are using pedigreed seeds and yet the number is very much too small and those who are in the business are hampered, more or less, by a lack of a community of interest and by being but little known as such. Clay county is one of the good counties of the state and such an organization cannot fail of good results in bringing about a unity of interest, and in better advertising of pure bred seed and live stock. Clay county can and should become a center for both, and under the energetic management of those who have it in charge we believe she will be. The meeting this week will close with a banquet at which Mr. Jess R. Johnson of Kansas Farmer is host.

Dispersion Jersey Cattle Sale.

The very best opportunity of the season to buy good, useful, working, richly bred Jersey cattle will be at the H. F. Erdley dispersion sale to be held at Hiawatha, Kan., Wednesday, April 26. Mr. Erdley has sold his farm and is changing locations and this is his reason for making this sale on such short notice at this time. Mr. Erdley laid the foundation for this herd a good many years ago by buying from the very best breeders and obtaining from the very best blood. The principle herd bull used in past years was the great sire, Flying Fox's Pride, a grandson of the noted Flying Fox, and his dam was a 50-pound cow. Flying Fox's Pride was followed in service by Uncle Peter's Caumals, a son of the noted sire, Uncle Peter's Gold Mine. His dam was Guenon's Chub, one of the noted cows of the breed. This herd has worked for Mr. Erdley every day in the year, and their value consists largely in their ability to make good at the fall, as Mr. Erdley has not bred for show purposes, and the offering will be sold in every day dress. But it is doubtful if better breeding can be found in any herd. Write at once for catalog, mentioning Kansas Farmer.



**HORSES AND MULES**



I HAVE THE LARGEST JACKS IN THE WORLD in both imported and home bred. I have sold over 700 jacks from my farm here and they have sired and are siring the best mules in the United States. My prices are lower than any other man on earth for first class jacks. Let me show you before you buy. CEDAR RAPIDS JACK FARM, Cedar Rapids, Iowa.



**KENTUCKY MAMMOTH JACKS.** We have the biggest and best string of Mammoth Jacks in the West at the fair grounds, Hutchinson, Kan. Come and see them or write for circular. Don't let anybody persuade you to buy a jack until you have seen our at Hutchinson. We will make a jack show for you any day, and better than you will see at any of the state fairs in the country. J. F. COOK & CO., Hutchinson, Kan. Mr. J. C. Kerr, Manager.

**THE BEST IMPORTED HORSES, \$1,000 each.** Home-bred, registered draft stallions, \$200 to \$600 at my stable doors. Address A. LATIMER WILSON, Creston, Iowa.

**HOME-BRED DRAFT STALLIONS \$250 to \$600;** imported stallions, your choice \$1,000. F. L. STREAM, Creston, Iowa.

**PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.** Up-to-date Poland China hogs. Write your H. N. HOLDEMAN, Meade, Kansas.

**REGISTERED HORSES** O. K. BARNES, SAVANNAH, MO., W. E. Price, Proprietor.

Dealer in registered horses. Three very fine stallions to SELL AT ONCE. Also the best stud colt in the state. Write for description of stock. I can suit you.

One of the largest number of large bolls and smooth Jacks in the West; 14 to over 15 hands high; prices reasonable. 40 miles west of K. C. on U. P. and Santa Fe Rys. AL. E. SMITH, Box A, Lawrence, Kan.



**JACKS AND JENNETS** 20 large Jacks from 2 to 7 years old. 25 head extra good Jennets priced right. Come and see me. PHIL WALKER, Moline, Elk Co., Kansas



**FOR SALE—15 registered Black Mammoth Jacks.** Won first premiums on Jacks, first on jennets and first on mule colts at Hutchinson State Fair, 1910. H. T. HINEMAN, Dighton, Kansas.

**S. B. UTZ, ST. JOSEPH, MO.** Breeder of high class Jacks and jennets. Six serviceable Jacks, some 2-year-olds, Jack colts and jennets for sale; all good colors. Residence phone, Bell South 762-4 rings; office, both phones south 125.

**THE PERCHERON SOCIETY OF AMERICA**

Has 338 new members since December 1st, 1910, exclusive of the 137 new members added by taking over the Percheron Registry Company, Columbus, Ohio. More than 3500 stockholders March 15th, 1911. The only recognized Percheron record. Good pure bred mares will do your farm work and raise more valuable colts than grade mares. For information address WAYNE DINSMORE, Secretary, Union Stock Yards, Chicago, Ill.

**Two Choice Percheron Stallions at a bargain. Weight 1750 to 2100.** John D. Ziller, Hiawatha, Kans.



**Percherons Belgians and Shires**

My new barn is now ready and filled with a large assortment of imported and Home Bred Percheron, Belgian and Coach Stallions; also mares and colts. I will sell you a registered stallion for \$300. Come to Paola and buy a stallion or mare at their actual value. JOSEPH M. NOLAN, Paola, Kansas.

**FOR SALE**

Yearling trotting stallion standard bred. This colt is a handsome mahogany bay, finely proportioned, with great style and speed all ready; he will mature into a 1200-pound horse; pedigree sent upon application. SIDNEY S. LINSKOTT, Holton, Kansas.

**ANGUS CATTLE**

**PARKER PARRISH & CO.**

HUDSON, KANSAS. Pure Blood Angus Cattle. Herd bulls: Japan 1to, Envoy 2d, Evener 2d, Jett's Hale Lad, 400 in herd, Violet's best blood; can ship on Mo. Pac. Santa Fe or Rock Island. Stock for sale at all times.

**ANGUS BULLS**

**SUTTON FARM, Lawrence, Kan.** FOR SALE. Our entire spring crop of 1910 bull calves, about 50 head of well grown, lusty fellows ready for service; also 15 coming twos in range condition. Our prices are low to clear. Write us or come and see them.

**BIG SPRING ANGUS CATTLE.** Jasper Audridge & Son, Pattonsburg, Mo., Proprietors. Breeders of pure bred Angus cattle and Duroc Jersey hogs. Breeding Stock for Sale.

**POLLED DURHAM CATTLE**

**BELVEDERE X2712-195058** Son of the \$1,500 Grand Victor X1635 150385 heads my herd of Double Standard Polled Durhams. A few extra good, blocky, thick-fleshed young bulls for sale. Inspection invited. Farm adjoins town. D. C. VAN NICE, Richland, Kansas.

**JERSEY CATTLE**

**LINSCOTT JERSEYS** Offers a few choice cows in milk and some bred heifers. Milk and butter records accurately kept. R. J. LINSKOTT, Holton, Kansas.

**Jerseydale Stock Farm**

Carthage, Mo. I am offering some very choice bull calves sired by "Tulips Mon Plaisir" 61923, out of richly bred imported cows. Calves range in age from three months to seven months. If you are looking for "Golden Lad" blood you will find these calves close up. Price \$75 delivered to any part of Kansas. PHIL HANNUM, JR., Owner.

**GOLDEN RULE JERSEY HERD.** Headed by Oneri's Eminent by Eminent Rosta, tracing to Golden Lad on sire, and out of the noted cow, Financial Queen. The dam of Oneri's Eminent was the \$1000 cow Oneri 2d by Gueonon's Golden Lad 62162. JOHNSON & NORDSTROM, Clay Center, Kansas.

**FINE JERSEYS FOR SALE.** I have ready for service three sons of Merry Maiden's Golden Lad and one son of Susan's Eminent out of cows that will make two pounds of butter per day. I am also offering a few cows and heifers at reasonable prices. These are bred to Oxford Masterpieces. W. N. BANKS, Independence, Kansas.

**JERSEY CATTLE—15 cows and heifers,** 3 bulls, Stockwell, Golden Lad, Coomassie, Gueonon Lad, St. Lambert and other great sires represented. Duroc Jersey bred sows, 20 head, Ohio Chief and Top Notcher blood. Standard bred colts and fillies. Intensely bred Wilkes blood by Sorrento Todd 2:14 1/4, grandson of Bingen 2:06 1/4 and Forrest Axtellion 2:14 1/4, grandson of Axtell 2:12. S. S. Smith, Clay Center, Kan.

**SHORTHORN CATTLE**

**HARRY R. COFFER** Savannah, Missouri. Breeder of HIGH CLASSED SHORTHORNS. Public Sale April 27, 1911.

**ALFALFA SHORTHORNS LEAF**

Young stock for sale. Also Silver Laced Wyandotte eggs for sale. JOHN REGIER, R. 1, Whitewater, Kansas.

**Pearl Shorthorns**

40 BULLS, 6 to 20 months old, straight Scotch and Scotch Topped—mostly red. Can spare a few females, same breeding. C. W. Taylor, Enterprise, Kan. R. R. station, Fearl, on Rock Island.

**Tomson Shorthorns**

Herd Bulls—Barmpton Knight and Gallant Knight's Heir. A very choice lot of young bulls and heifers for sale. Several are half brothers or sisters to our grand champion heifer, New Year's Delight. Come and see our herd or write your wants. TOMSON BROS., Dover, Kansas. R. R. Station Willard, on R. I., 16 miles west of Topeka.

**ELM GROVE FARM.** Shorthorn cattle and Percheron horses. Write for description and prices. ISAAC NOVINGER & SONS Kirksville, Missouri.

**SCOTCH SHORTHORNS**

Imported Ardethan Mystery 300632 (85177) should go to head a first class herd. Cannot use him longer as I have so many of his daughters. He is a show bull and sure. Also have 5 of his yearling sons, all good. Prices right. Come and see them. COL. ED GREEN, Florence, Kansas.

**SHORTHORNS**

Bulls, cows and heifers for sale, nicely bred and good individuals, priced reasonable. Write or come and see my herd. C. H. WHITE, Burlington, Kansas.

**EVERGREEN HOME FARM.**

Lathrop, Missouri. Milking Shorthorn cattle, bred hornless, Berkshire hogs, Oxforddown sheep, Bourbon Red turkeys. Young breeding stock for sale. A herd of 35 bred Oxforddown ewes to go at a bargain if taken at once. Address J. H. WALKER, Lathrop, Missouri.

**SCOTCH SHORTHORN BULLS.**

Sired by Royal Leader 304409 and out of Orange Blossom, Sybil, Violet Bud and other good families; from 12 to 15 months old; all reds and good individuals. Prices right. Call or write. T. J. SANDS, Robinson, Kansas.

**NEW BUTERGASK SHORTHORNS.**

Best of breeding and individuality, representing such families as Imp, Beale 51st, Brawith Buds, Daybreaks and Floras for sale now. The champion bull at the last Mitchell Co. State-Wide Fair; a grand good bull; 1 year old; is related to all our cows or he would not be for sale. Write for description and price. MEALL BROS., Cawker City, Kan.

**12—SHORTHORN COWS FOR SALE—12**

Also heifers and two good young bulls. Good useful stock. Scotch and Scotch Topped. Want to reduce size of herd before grass. Visitors welcome. S. B. AMCOATS, Clay Center, Kansas.

**TENNEHOLM SHORTHORN CATTLE**

Bred for beef and milk; breeding as good as the best; of Scotch and Bates lines. We use them as dairy cows and find them very profitable. A few young bulls and some females for sale. Write E. S. Myers, Chanute, Kansas.

**RED POLLED CATTLE**

**RED POLLED CATTLE.** A few choice young bulls for sale; also a few cows and heifers. C. E. FOSTER, Eldorado, Kansas.

**COBURN HERD of Red Polled cattle and Percheron hrosses.** Young stallions, bulls and heifers for sale. Geo. Groemiller & Son, Pomona, Kan.

**HEREFORD CATTLE**

**BLUE VALLEY HEREFORDS**

150 head in herd; the choicest breeding and individuality; only good ones shipped on order; 14 choice bulls delivered at prices ranging from \$60 to \$85. Anxiety blood predominates. FRKD R. COTTRELL, Irving, Kansas.

**HEREFORD BULLS AND FEMALES.**

Two choice Hereford bulls 10 to 18 months old sired by Enterprise (12614), dam Prairie Queen (127345), dam Counsellor (71622); eight choice heifers coming two and three years old, same line breeding; prices reasonable; all in good condition. Write or come and see me. HARRY V. BALDOCK, Wellington, Kansas.

Brookside Farm, Savannah, Mo., breeders of Hereford cattle. Herd headed by Hesoid 101st No. 162585 and Horace No. 300429, he by Beaumont. Young bulls for sale. Mail orders given prompt attention. WARREN LANDERS, Savannah, Mo.

**SPRING CREEK HEREFORDS.**

Headed by Christy 234417, Prairie Donald by Beau Donald 7th, and Sir Morgan by Onward 18th. Cows of Anxiety 4th, Hesoid, etc. breeding, including imp. animals. Over 100 head in herd. Few choice young bulls and some good females for sale. TOM WALLACE, Barnes, Kansas.

**GUERNSEY CATTLE.**

**GUERNSEY CATTLE FOR SALE—Young** bulls by Eminence of Birchwood, 668 to 714 pound fat records. Stock guaranteed against tuberculosis for 6 months after sale. Largest herd in Kansas. Farm near Roxbury, Kan., and visitors welcome except Sundays. FREDERICK HOUGHTON, Galva, Kansas.

**HOLSTEIN CATTLE**

**SUNFLOWER HERD HOLSTEIN**

Offers cows, heavy milkers and sound, above 7 years old, some heifers 2 and years old, two extra fine young bulls, a car load of bull calves. Prices and quality always right and satisfaction assured. Send for bull calf catalog. F. J. SEARLE, Oskaloosa, Kansas.

**HOLSTEIN CATTLE.**

The Most Profitable Dairy Breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America. F. L. HOUGHTON, Sec., 114 Brattleboro

**WOODCREST HOLSTEIN-FRIESIAN**

Thirty-six registered cows, heifers and bulls for sale. Some A. R. O. but all on Rock Island, 30 miles east of St. Joseph, Mo., half mile from station. S. W. COOKE & SON, Maysville, Mo.

**HOLSTEINS FOR SALE.**

Four very choice young bulls and a cows and heifers for sale, mostly sired Prince Ormsby, no owned by Nelson Agricultural College. Him dams on the sides for four generations average 29 lbs he has 30-lb. sisters. J. F. MASE, Scranton, Kansas.

**HOLSTEIN CATTLE—Young bulls of famous Shadybrook family and some calves.** This herd is headed by the celebrated Sir Johanna Colantha Faye 42146. No females at present. Address M. E. MOORE & CO., Cameron, Mo.

**GALLOWAY CATTLE.**

**Capital View Galloway** A few choice young bulls sired by Campflower 3d of Steppford 30935 (3407) Meadow Lawn Medalist 23755. G. E. CLARK, 2101 Van Buren St., Topeka, Kan.

**AUCTIONEERS**

**COL. G. E. BEAN** AUCTIONEER Garnett, Kan. Breeder and Trainer of Standard Horses. Breeder of the large-type POLAND CHINA Hogs. Posted on values and lines. Your business solicited. Special attention given to thoroughbred sales.

**H. R. LITTLE** Live Stock Auctioneer, Abilene, Kan. A close student men and women with 20 years experience as a breeder of Shorthorns. Full time devoted to auction work. Reasonable charges for first-class service. Write at phone.

**Jas. W. Sparks** Auctioneer, Marshall, Mo.

**F. E. KINNEY** Oketo, Kan., will make pure bred stock farm sales anywhere in Kansas or adjacent states; 15 years' experience; best of stock furnished. Write or phone for prices.

**H. HOHENSTEIN, CHELSEA, MO.** Live Stock Auctioneer, breeder of Poland China hogs, Light Brahmas, R. I. Black Langshans, Buff Oringtons, and Columbian Wyandotte chickens.

**FRANK J. ZAUN,** Fine Stock Auctioneer, Independence, Mo. Am selling for the best cattle and breeders in the West. Terms very reasonable. Write or wire for dates. "Get Zaun; He Knows How."

**JOHN D. SNYDER** AUCTIONEER, HOWARD, KANSAS. I sell for many of the most prominent breeders.

**W. C. CURPHEE** LIVE STOCK AUCTIONEER. Write, phone or wire me for dates. ABILENE, KANSAS.

**Make Big Money At Public Sales** There is no other profession that can be learned with little outlay of time and money as that of an Auctioneer. We teach you in four weeks' time so you can step at once into one of the best paying professions in the land, and by you can make from ten to fifty dollars per day. **Missouri Auction School, Trenton, Mo.** (Largest in the World.) Gentlemen: Please send me your large log. I may attend your school at Trenton, Mo., August 7th. COL. H. S. DUNCAN, Live Stock Auctioneer, Clearfield, Iowa. Name..... Address.....



# FRANK IAM'S

"PEACHES AND CREAM" IMPORTED STALLIONS AND MARES ARE SWELL SHOW YARD ATTRACTIONS FULLY ACCLIMATED. THEY ARE THE "CLASSIEST" BUNCH OF BIG "BLACK AND GRAY BOYS"—WITH EXTRA BIG BONE AND MORE 2,000 TO 2,500-POUND STALLIONS THAN ANY IMPORTER IN UNITED STATES.—THAT'S WHY IAM'S, THE "KING BEE" HORSE MAN—SOLD DOUBLE THE HORSES IN JANUARY, 1911, AS IN ANY YEAR IN 29 YEARS. THEY ARE "EYEOPENERS"—BUSINESS PROPOSITIONS—THAT MAKE THE WHEELS WORK UNDER A "BUYER'S HAT"—"DOLLY DIMPLES"—IAM'S HAS 50 PRIZE WINNERS IN HIS BARN FROM PARIS-BRUSSELS AND EUROPEAN "HORSE SHOWS"—IAM'S "HYPERNOTIZES" BUYERS WITH "TOPNOTCHERS" AT "BARGAIN COUNTER PRICES"—MAKES HORSEMEN AND WOMEN

## "Sit Up and Smile Sweetly"

AND SING "IAM'S SONG"—"IKEY BOY" BUY "BLACK AND GRAY BOYS" OF IAM'S—THE "SQUARE DEAL" HORSEMAN.—"WALTU ME AROUND AGAIN, IKEY BOY"—AND BUY A STALLION AND MARE TODAY OF IAM'S—AND SAVE \$300.00. IAM'S IS A "BIG FLY IN THE OINTMENT"—IN THE HORSE WORLD—HE MAKES BUYERS WEAR A "\$1,000.00 SMILE" AND BUY A "TOP NOTCHER" AT LET "LIVE PRICES." OWING TO BAD CROPS—BIG RAINS—CLOSE MONEY—IAM'S CASH AND 9 YEARS' SUCCESSFUL EXPERIENCE—HE BOUGHT AND IS SELLING LARGER AND BETTER HORSES THAN EVER.—"MAMMA"—IAM'S IS A MONEY SAVER—"A HOT ADVERTISER"—BUT "HE HAS THE GOODS"—HELPS THE HORSES AT HIS HOME BARN ONLY. BUYERS GET "ALL HEDDLEMEN'S PROFITS."

## IAM'S HAS

### 20---PERCHERONS AND BELGIANS---120

TWO TO SIX YEARS OLD, WEIGHING 1,700 TO 2,500 POUNDS; 50 PER CENT BLACKS, 70 PER CENT TON STALLIONS. ALL REGISTERED AND BRANDED. HE SELLS "TOPPERS" AT \$1,000.00 AND \$1,400.00 (FEW HIGHER). MARES—\$700.00 TO \$1,000.00 SO GOOD THEY NEED NOT BE PEDDLED OR PUT ON THE "AUCTION BLOCK" TO BE SOLD. IAM'S SELLING CLOTHES FIT ALL BUYERS. NO MAN WITH MONEY OR ANKABLE NOTES GETS AWAY FROM IAM'S. HE BUYS, OWNS AND SELLS MORE STALLIONS THAN ANY MAN IN THE UNITED STATES. IAM'S SAVED \$30,000.00 TO STALLION BUYERS IN 1910. HE IS NOT IN THE STALLION TRUST. IAM'S PLACES \$1,500.00 INSURANCE.

### \$1,000---SAVED AT IAM'S---\$1,000

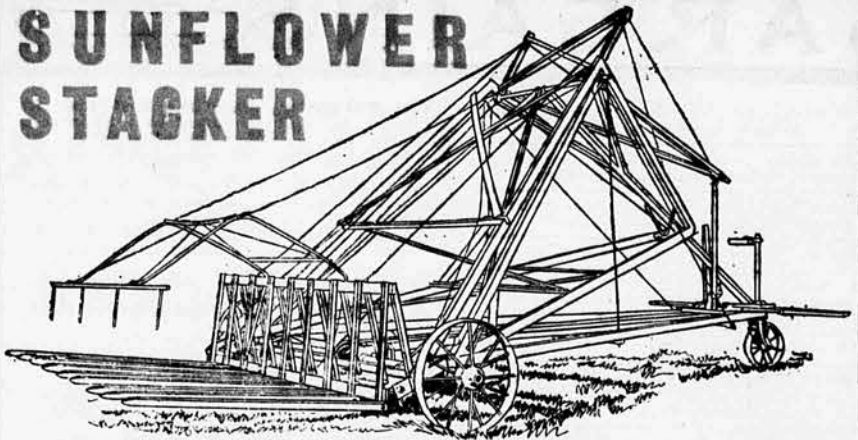
IKEY, WHAT A "GRAFT THESE "STALLION SALESMEN" ARE WORKING ON THE FARMER, SELLING FOURTH-RATE STALLIONS AT \$2,000.00 AND \$3,000.00. MR. BUYER, SEE IAM'S STALLIONS YOURSELF. TAKE TO STALLION SALESMAN'S WORD. "IAM'S HAS THE GOODS YOU READ ABOUT." HIS ESTABLISHMENT IS WORTH GOING 200 MILES TO SEE. IAM'S COMPETITORS "HOLLER," HE IS KNOCKING "HIGH PRICES" OUT OF THE XMAS TREE. IAM'S SAYS WOOD, "BUTTS IN," SELLS MORE STALLIONS EACH YEAR. HE MAKES EVERY STATEMENT GOOD. IKEY BOY BUY A STALLION OF IAM'S. HIS \$1,200.00 STALLIONS ARE MUCH BETTER THAN OUR NEIGHBORS PAID THOSE OHIO MEN \$4,000.00 OR THEN I CAN WEAR DIAMONDS. IAM'S SPEAKS THE LANGUAGE. IKEY'S DIRECT FROM BREEDERS, PAYS NO BUYERS, SALESMEN OR INTERPRETERS; HAS NO TWO TO TEN MEN AS PARTNERS TO SHARE PROFITS WITH. IAM'S GUARANTEES TO SELL YOU A BETTER STALLION AT \$1,000.00 TO \$1,500.00 THAN ARE SOLD TO STOCK COMPANIES AT \$2,000.00 TO \$5,000.00 BY SLICK SALESMEN, OR PAY YOU \$500.00 FOR YOUR TROUBLE. YOU TO BE THE JUDGE. IAM'S PAYS THE HORSE'S FREIGHT AND BUYERS FARE; GIVES 60 PER CENT BREEDING GUARANTEE. IAM'S GUARANTEE IS BACKED BY ONE-HALF MILLION DOLLARS.

WRITE FOR MILLION DOLLAR HORSE CATALOG.

References: St. Paul State Bank and Citizen's National Bank, St. Paul, Neb.; First National Bank and Omaha National Bank, Omaha, Neb.; and Packers' National Bank, South Omaha, Neb.

T. PAUL, NEBRASKA

# SUNFLOWER STACKER



Save half the time and expense putting up Alfalfa. Use this Sunflower Stacker, with special attachment for Alfalfa handling. Saves need of hired help. Works when you are ready and quits only when you say

## HORSE POWER PITCHING

Is a success with this machine. Loads hay from windrow, as fast as team can walk; carries load on wheels, off of ground when going to stack—saves dragging—trampling—and seed when handling seed crop—also saves horse power, and time over ordinary sweep rake.

The preceding advertisement in this paper showed stacker with load being elevated by horses, on way to stack. Elevating is no work to driver. Will raise load to dump it on 20-foot stack; will put all, or any part of load, any place on stack. Dumps automatically. Driver always has easy and complete control in guiding, elevating, and dumping—A 16-year-old boy can do it all, easily.

Stacker lowers without backing from stack; works from either side or end of stack. Makes better stacks than possible with hand pitching.

This stacker is also equipped with barge for handling headed and bound grain. Carries a regular barge load. Takes its load from header. Rudder guiding wheel keeps barge always in position to take its load without wastage.

Greatest harvest time and labor saver ever perfected since the invention of the self-binder. Pays for itself in three weeks. Lasts a life time. Built of best and most suitable materials. Guaranteed in every way.

Write us immediately and let us submit proof of every claim we make. We are ready to "show" a big saving to every alfalfa and small grain grower in Kansas. Just drop us a postal and say "show me" on the stacker proposition. Address

Sunflower Implement Co. Manhattan, Kan.

Mention Kansas Farmer When You Write

# COL. ERDLEY'S BIG DISPERSION REGISTERED JERSEY CATTLE SALE

At Farm Adjoining Hiawatha, Kan., Wednesday, April 26th

I have sold my farm and am making this sale on short notice and I feel at something of a sacrifice because of lack of time to put the offering in saleable condition.

## 55---Head the result of years of hard work, pleasure and profit---55

### 30 COWS IN MILK

Including the great cows, Silverine's Rose and Silverine's Love, daughters of the noted bull, Silverine, sire of Silverine's Lad. Silverine's Rose was herself one of the show herd winning with her sire the world's honors. The dam of Silverine's Love was the great sweepstakes milk and produce cow, Petros Love. These two cows have several sons and daughters in the sale. POGIS IDYL—one of the few granddaughters of old Exile of St. Lambert is also in this sale. This cow is half sister to the 1906 milk record cow. She has several descendants in the sale, including a pair of twins at foot.

### 10 Good Young Bulls

Are in this sale in age from calves to herd bulls, including a 7 months old calf out of Silverine's Rose and sired by Flying Fox Pride. The others are out of the best cows and many of them herd bull prospects.

This is a working herd and has been maintained for that purpose. We have never speculated in Jerseys but have bought the best and kept the best of our own raising. Everything of breeding age will be bred to some one of our good bulls. The entire herd has been tuberculin tested and every animal will be sold with a health certificate. Write for catalog.



Silverine's Lad, whose cut appears above, was one of the noted bulls of the breed. Scored 98% by Span. Is 75 per cent Imp. blood; won first at World's Fair as calf; first at Illinois, Indiana and Missouri in 1905, and sold at auction for \$1,500. Two of his sisters and many others related to him are included in this sale.

### 15 BEAUTIFUL HEIFERS

In age from one to 24 months. Including a pair of beauties out of POGIS IDYL, her grandsire Exile of St. Lambert, had 100 tested daughters in the list. Others are descended from the best bred and working cows ever owned in the herd. A number by Flying Fox Pride, he by Imp. Flying Fox. Also daughters of the noted breeding bull, Uncle Peter's Gold Mine. The younger ones are by Guenon's Gay Lad, grandson of the prize winner, Guenon's Lad.

### Berkshires

I will also sell all of my registered Berkshires, numbering 35 head, including the herd boar, Silver Tip Nora.

H. F. ERDLEY, Hiawatha, Kansas

H. S. DUNCAN, Auctioneer.

JESSE JOHNSON, Fieldman.



# BARGAINS IN LANDS

**240 ACRES, 9 rm. dwelling, close to town; bargain. Buckeye Agency, Agricola, Kan.**

**WHAT have you to trade for lands or city property? Hale, Coffeyville, Kan.**

**BUY OR TRADE with us. Exchange book free. Bersie Agency, El Dorado, Kan.**

**COME to Butler Co., Kan., for a home, 40 to 720 a., prices right. Benton Land Co., Benton, Kan.**

**GET OUR BOOK OF 500 FARMS and properties everywhere to trade. Graham Bros., Eldorado, Kan.**

**IMPROVED FARMS in S. W. Kansas and N. W. Oklahoma, \$10 to \$25 per acre. Write Moore & Falls, Liberal, Kan.**

**ESTABLISHED 1885—Write for free list. Park H. Thornton, Real Estate Dealer, Coldwater, Comanche Co., Kansas.**

**S. E. KANSAS improved farm lands \$35 to \$60 per acre. Write for descriptive list; no misrepresentations. Foster Bros., Independence, Kan.**

**IMPROVED Anderson county corn, wheat, oats and alfalfa farms at \$40 to \$60 per acre. Write for our free list. Also good exchange propositions. Rice-Daniel Land Co., Garnett, Kan.**

**1120 ACRE COMBINATION RANCH. 25 head horses and colts above average, and one registered Percheron stallion. Write for particulars. 30 acres first-class alfalfa land in famous Artesian Valley at a great bargain. WM. MILLER, Meade, Kan.**

**IF YOU ARE INTERESTED IN CENTRAL KANSAS, WESTERN KANSAS OR COLORADO LAND FOR A HOME OR INVESTMENT, STATE YOUR CHOICE TO C. C. WALLACE, BROOKVILLE, KANSAS.**

**NEW YORK FARMS. Well improved and for sale now at \$49 to \$60 per acre; grow biggest and best standard crops. For free select list ask McBurney, Stocking & Co., 279 Dearborn St., Chicago, Ill. No trades.**

**YOU'LL LIKE LINN COUNTY, KAN. We have abundant coal, wood, natural gas and good water. The land raises magnificent crops of alfalfa, timothy, clover, bluegrass, oats, corn and wheat, R. F. D. and phone at your door. Price \$20 to \$80 per acre. List free. A. E. ROOT, Pleasanton, Kan.**

**NESS COUNTY, KANSAS. If you want wheat land, if you want alfalfa land, if you want pasture land, if you want improved land, I've got it. If you will write me just what you want, I will find it for you at prices that can't be discounted. J. G. COLINS, Ness City, Kansas.**

**LIVE AGENT WANTED in your locality to assist in selling corn, wheat and alfalfa land. We own thousands of acres in Pawnee and adjoining counties. Write for proposition on our own ranches. FRIZZELL & BLY, Larned, Kansas.**

**FINE HOME, 48 a., one mile of this city, about 38 a. now in cultivation, bal. pasture, 6 room house, new barn 34x60 and hay loft; two wells and mill and other outbuildings; good orchard and all second bottom land. Priced to sell at \$5,500 cash. E. F. Dewey, Blue Rapids, Kan.**

**POULTRY RANCH FOR SALE. One of the best poultry ranches in the state. Two acres adjoining Washburn college campus, 9-room house, cellar, cistern, well water, barn. Best poultry house in county. Fruit and ornamental trees. Price \$4,000, half on time if desired. No trades. POULTRYMAN, Kansas Farmer Office.**

**100—CHOICE DICKINSON AND CLAY CO. FARMS—100. 80 acres 3 miles from town, 70 a. under plow, alfalfa land, 20 pasture and meadow, 5 room house, good well, barn and other buildings. \$2000 cash; rest to suit; 25 a. wheat included. Write for list. J. J. Bishop, Wakefield, Kan.**

**IF YOU MEAN BUSINESS and have real estate and merchandise of any kind for sale and exchange, and are willing to pay a commission should I make you a deal, write me at once of what you have and desire. I have several very attractive propositions to offer you for a home or investment; am doing a general exchange business. Carl G. Anderson, Athol, Smith Co., Kansas.**

**CAN YOU BEAT THIS? 120 acres, 3 miles to town, 8 miles from Parsons, new 5-room house, new barn, land lays just rolling enough to drain, fenced with hog wire on three sides, nearly all timothy and clover; some native pasture. This is a bargain at \$45 per acre. A. P. ROSA, Galesburg, Neosho County, Kansas.**

**ANDERSON COUNTY—268 acres, 65 acres in cultivation, 25 acres mowland, balance pasture, 10 acres fenced hog tight. Plenty water. Six-room house, new barn 45x50 and other improvements. Six mi. to Garnett, 3 miles to Bush City, 1/2 mile to school. Price \$35. This is a bargain. Geo. W. Her & Sons, Garnett, Kansas.**

**EVERY ACRE GOOD LAND. All can be cultivated. 160 a. 7 mi. S. E. street car loop on College Hill, Wichita, Kan.; 60 a. in cultivation, 100 a. in grass, improvements all new, 6 room 2 story house boxed and papered, having fine pantry and closets; 250 bbl. cistern, pump on porch, nice wash house, large barn 36x48 and 16 feet high; 2 granaries, pump and windmill at barn, telephone, 1 mile from church and school; all fenced and cross fenced; 40 acres hog wire fence. Price \$13,000. Terms to suit purchaser. EDWIN TAYLOR REALTY CO., 107 South Main Street, Wichita, Kansas.**

**EUREKA—400 acres improved 5 miles of Spearville, 1/2 in cultivation, 100 a. pasture, large 6 room stone house, stable, granary, 2 wells, windmill, tanks, 2 hen houses, school 1 mile, phone, a dandy farm. Only \$22.50 per acre; good terms. Send for big list. Address STINSON & SHELDON, Spearville, Kansas.**

**WE THINK we have the best snap in southeast Kansas; 40 acres, well improved, 80 acres valley land. Price \$40 per acre. Lands to exchange for merchandise. Write or call. D. W. NEILL & CO., Yates Center, Kansas.**

**MONTGOMERY CO., Kan., best improved farms sell at \$40 to \$60 per acre. For descriptive booklet write BOWMAN REALTY CO., Coffeyville, Kan.**

**FOR TRADE 80 acres, 4 miles of Garnett, Kan. 70 acres in cult., 6 room house, barn, cribs Price \$5,000; mortgage \$1,300. Wants grocery or gen. mds. 215 acres, 5 miles of Bush City. Price \$16,000; mortgage \$5,600. Wants small farm in northeast Kansas. SPOHN BROS., Garnett, Kansas.**

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

**FOR SALE. 325 a. Verdigris bottom, big house, phone, 2 fine wells, 2 big barns, etc., all in cult. and meadow except few acres fine timber; have produced 80 bu. corn, 40 bu. wheat and 8 tons of alfalfa per acre; in oil and gas belt and unleased; 3 miles good town and 9 miles to county seat; an estate; no agent's profit. Price \$65 acre. You can't buy better land at any price; will soon double in value. LOCK BOX 656, Fredonia, Kansas.**

**YOU CAN'T BEAT IT. 160 acres, level, sub-irrigated land, fenced, 100 a. in wheat, 1/2 goes; best in county; 60 mow land; all can be farmed; half mile to school; 3 miles to trading point; on R. F. D. and phone line; first class for investment or a home. Price \$6,000; terms. All new land. Write BROWN, GRANT & WALTER, Kingman, Kansas.**

**Best Bargain in S. E. Kansas 240 acres, 6 miles from Coffeyville, fair improvements, 80 acres in cultivation, balance mowland and pasture. Snap at \$26 per acre. No trades. H. H. KAHN, Coffeyville, Kansas.**

**OUR BEST BARGAIN 540 acres for sale, 5 miles Fredonia; well improved. \$25 per acre. J. L. SKAGGS, Fredonia, Kansas.**

**Ness County Wheat Lands For Sale—Fine stock and wheat section of land in Ness county, Kansas; fine spring and improvements. For particulars address HARVEY N. JACKSON BROWNELL, KANSAS.**

**ONE-TENTH - CASH - BALANCE EASY Business and residence lots in Plains \$12.50 to \$50. Rapidly growing city in southwestern Kansas. Population should double in a year. Modern improvements, electric lights, telephones, cement walks, main line railway, etc. Buy now and get benefit of early spring advance in price. Send for plat today and get early choice. JOHN W. BAUGHMAN, Plains, Kansas.**

**McPHERSON COUNTY—160 a. 1 1/2 mi. to city limits and one of best colleges in state; all wheat, corn and alfalfa land; 130 a. in cult.; good 5 rm. house, large barn and other outbuildings. Learn about McPherson county. BREMYER & BRUBAKER, McPherson, Kansas.**

## The Farmer's Son's Great Opportunity

Why wait for the old farm to become your inheritance? Begin now to prepare for your future prosperity and independence. A great opportunity awaits you in Manitoba, Saskatchewan or Alberta, where you can secure a Free Homestead or buy land at reasonable prices.

**Now's the Time** not a year from now, when land will be higher. The profits secured from the abundant crops of Wheat, Oats and Barley, as well as cattle raising, are causing a steady advance in price. Government returns show that the number of settlers in Western Canada from the U.S. was 60 per cent larger in 1910 than the previous year.

Many farmers have paid for their land out of the proceeds of one crop. Free Homesteads of 160 acres and pre-emptions of 160 acres at \$3.00 an acre. Splendid climate, good schools, excellent railway facilities, low freight rates, wood, water and lumber easily obtained.

For pamphlet "Last Best West," particulars as to locations and low settlers' rate, apply to Sup.'s Office, Ottawa, Can., or to Can. Gov. Act. J. S. CRAWFORD, 125 West 9th Street, Kansas City, Mo.



**HALF SECTION improved farm in Woods Co., Okla., to trade for Kansas or Mo. land. Taylor & Bratcher, Coldwater, Kan.**

**WOODSON CO. improved farms cheap on easy terms. Write for our big farm lists. Also do swapping. Yates Center Land Co., Yates Center, Kansas.**

**160 ACRES, 3 miles of Towanda. - A snap at \$7500. Other good farms in western Butler county. Write for particulars. G. W. MOORE, Towanda, Kansas.**

**GREENWOOD CO.—Best improved farm and ranch land at \$25 to \$50 an acre. For bargains and descriptions write A. F. Dove, Hamilton, Kansas.**

**COME QUICK FOR THIS! Nicely improved 160 acre farm 4 miles from town; 80 acres in cult.; 60 acres blue-stem meadow; no rock; offered at \$35 per acre. Must be sold to settle an estate. A. B. ESTEP, Yates Center, Kansas.**

**OKLAHOMA LAND. GET A HOME. 160 acre farm 2 1/2 miles of R. R. town and 5 miles of county seat, 10 a. in cultivation, 40 a. pasture, 10 a. mow land, 6 a. orchard, 5 a. alfalfa, good 6 room house, small barn and granaries, all fenced, 2 fine wells of water, fine grape vineyard, 1/2 mile to school, farm drains well. Price \$7,000. Immediate possession. One-half cash will handle this. Write for our land list. BATTEN REALTY CO., Medford, Oklahoma.**

**COLORADO LAND. KIOWA COUNTY, COLORADO. corn, wheat and alfalfa lands \$8 to \$12. Homestead relinquishments \$250 up. Folder and copy of the Homestead Laws sent free. A few 160-acre homestead tracts under prospective irrigation yet. THE WESTERN REALTY CO., Eads, Colo.**

**TEXAS LAND LOWER PECOS VALLEY IRRIGATED LAND In West Texas is absolutely the best location for safe and profitable investment in America. 40 acres will provide an ideal home and a yearly income of \$3000 to \$5000. Development has only fairly started and present values will double and treble in price within two years. We own or control the sale of the best dependable irrigated lands which we can sell in tracts to suit at from \$50 to \$100 per acre, water rights fully paid, on easy terms, or we can supply sections of arable or shallow pumping well lands at \$5 to \$10 per acre. For productiveness and all the year climate the Pecos Valley is unsurpassed. Let us know your wants and we will supply detailed information. Address THE HEATH COMPANY, 109 West Seventh St., Topeka, Kan.**

**OZARK ORCHARD BEARING and Small Fruit Lands on level roads, close to Distributing Station are at their BEST around "Goodman Community," McDonald county, Missouri. CLIMATE, HEALTH AND WATER the best. Markets at YOUR DOORS. Growers' Association established. Beautiful Booklet showing scenes and conditions with PRICES and TERMS mailed on request. JAMES B. WELSH REALTY & LOAN CO., Ozark Dept S, Kansas City, Mo.**

**FIELD NOTES.**

It is worth the while for every farmer to write the Ballor Two-Row Cultivator, Atchison, Kan., and get full information on the Ballor Two-Row Cultivator. A number of our readers are now using this cultivator and these are enthusiastic over its work and the saving it represents, not only in work saved but in the purchase price as compared with prices for which other two-row cultivators are sold. The Ballor Plow Co. makes a specialty of such a cultivator, and have brought their machine to such a state of perfection that one cannot well perceive how any cultivator could do more or better work or last longer. It is surely the interest of farmers to know all about this cultivator. Drop a postal card to the address above given and ask for the information.

**Sunflower Stackers.** The advertisement of the Sunflower stacker, which appears on another page in this paper, should be carefully read by every hay and grain raiser in Kansas, and all states for that matter. Here, at last, is a machine that takes half the hard work out of haying and harvest. It enables grain and hay to be cared for in proper time to get the utmost the soil has given. It not only saves money by lessening work, but it makes better stacking possible and permits getting the stuff into stacks at the very best time, when that work should be done. The Sunflower Stacker has been thoroughly tried out during the past two seasons. Many of our best Kansas farmers give it the highest rating. Write the Sunflower Implement Co., Manhattan, Kan., and they will send you full particulars and answer all the questions you may ask—and do it cheerfully and with every courtesy. Kindly mention this paper when writing.

**The Red River Special.** One of the first jobs the writer of this had that earned him any money was carrying drinking water for a threshing crew operating a Nichols & Shepard Co. outfit. Since then, boy and man, he has had considerable to do with threshing machinery, as a practical thresherman and as a grain grower. In all the years since his first acquaintance with such machinery there has not been a time when he has not had a high admiration for the threshers made and sold by the Nichols & Shepard Co. Any

## PAYS

**Land Advertisers READ WHAT THESE SAY.**

An advertiser likes to advertise in a well known paper of responsibility—one that brings results. It would be hard for one to ask for better results than I have had from the ad I have been carrying in KANSAS FARMER. My inquiries have been from the best and most substantial class of farmers, all of them meaning business when writing.—G. T. Kinsey, LeRoy, Coffey county, Kansas, March 14, 1911.

As an advertising paper we think KANSAS FARMER beats them all. We have advertised in many other papers, and none of them ever gave us anything like the chances for business as your paper.

The best thing for any paper to get results for its advertisers is to keep out the fake advertisers. I have been watching KANSAS FARMER for some time past, and I find it the cleanest paper in regard to its advertising of any within my knowledge.—Carl Duvall, Kit Carson Company, Kit Carson, Colo., March 16, 1911.

farmer who has his grain threshed by a Red River Special will find he has had his grain put into the wagon box instead of into the pile. Not only that, it doesn't require any threshing time to go to waste on account of the machine being down. The machine is built for hard, thorough and fast work. There is no undue need of dread of threshing time if a Red River Special pulls into the yard or field to do the work. Read the ad of this company in this paper and write them for further detailed information on the famous Red River Special's kind of work, and it can be had to do your threshing.

**Harter Makes Good Sale.** J. H. Harter made his second bred sow sale for the winter last week, selling a good useful lot of stuff, but all of it bred for late farrow and many not yet safe in pig. But the Harter kind are always in demand and prices received were highly satisfactory. The 31 head sold averaged \$39.20, with a \$67 top paid for No. 2 by Thompson Bros. of Marysville, Kan. Mrs. Harter prepared the usual feast and Col. McCulloch and Trooper did their work well, as they always do. Following is a list of representative sales:

No. 1. B. J. Allen, Blain.....	\$66.00
2. Thompson Bros., Marysville.....	67.00
3. Charles Koiterman, Onaga.....	46.00
4. Harry Wales, Peculiar, Mo.....	48.00
5. T. S. Harter, Onaga.....	38.00
6. T. S. Harter.....	35.00
7. A. P. Ostergard, Fostoria.....	25.00
8. John Bushell, Green.....	25.00
9. Wm. Wage, Westmoreland.....	41.00
10. T. S. Harter.....	25.00
11. Wm. Wage.....	41.00
12. T. S. Harter.....	25.00
13. Wm. Wage.....	41.00
14. A. P. Ostergard.....	45.00
15. H. W. Pendegast, Westmoreland.....	29.00
16. F. D. Powers, Bonner Springs.....	20.00
17. Babe Gillett, Blain.....	40.00
18. Aug. Wage, Westmoreland.....	29.00
19. T. D. Powers.....	26.00
20. John Black, Onaga.....	26.00
21. T. O. Moon, Kingfisher, Okla.....	25.00
22. F. J. Allen.....	42.00
23. John Bushell.....	24.00
24. Babe Gillett.....	42.00
25. Aug. Wage.....	24.00
26. Babe Gillett.....	23.00
27. D. O. Cochran, Westmoreland.....	37.00
28. D. O. Cochran.....	44.00
29. Babe Gillett.....	46.00
30. H. Pendegast, Westmoreland.....	46.00

It affords considerable pleasure to announce receipt of a copy of the Farm Owners' Number of the Rambler Magazine. This magazine is of particular interest to all farm owners who are anticipating the purchase of a motor car. The magazine deals very thoroughly with this subject, explaining in detail the best methods of judging a car which will be of the most service to you for the amount of money you are putting into it. We were particularly interested in the article appearing in this magazine entitled "Which Car for the Farm?" for the reason that this article explains this very thoroughly indeed. There is an article



entitled "The Woman and the Car," which brings to view the many advantages which the motor car holds out for the woman living on the farm. In fact, we desire very much to impress upon all our readers the importance of this particular issue of the Rambler Magazine, and urge very sincerely that each one who is at all interested should write at once to The Thomas E. Jeffery Company, Kenosha, Wis., and ask them to send a copy of the Farm Owners' Number, which, they explain, will be sent free upon request.



and Oats in Western Kansas.

Continued from page 5.) of five years (from 1905 to 1909... the respective average... being, 1,756 and 1,632 pounds of... The average difference in fa- barley was 124 pounds per acre. average yields, determined by re- verage yields, determined by re- obtained in a tier of counties north to south, representing the central and extreme eastern por- of the state, reveals the follow- of the nine year period (1900 to inclusive), the average annual for the west central portion of ate, as represented by the tier ties in which Phillips and Co- are the north and south line- respectively was 839 pounds per or barley as compared to 614 s per acre for oats; the differ- being 279 pounds in favor of bar- for the same period, yields ob- in the extreme western part of ate as represented by the second and south tier of counties from orado line, were 825 pounds per or barley as compared to 518 for oats, the difference in fa- barley being 307 pounds. From egoing it is evident that barley er adapted for grain production western half of Kansas, the di- in its favor being greater in s having the lowest precipita-

seems to be very little data e, relative to the preparation eed bed for spring crops, that pplied to the variable local ons existing in western Kansas, following discussion is based d observations in a general ather than on experimental re- nature of the treatment which should receive will necessar- y greatly in different seasons, ing on previous cropping, the ate conditions of the soil with ce to its freedom from trash, or other dead vegetation or isture content. It would be o advise a definite method of re, which could be generally d or found best or advisable o conditions. Consequently this can only be treated in a gen- y, and the principle rather than rules receive consideration.

conditions are such that e no danger of land drifting or g" in the spring, fall plowing aps the best method of prepar- eed-bed on land other than ultivated corn ground. The soil nto a condition that will enable eadly absorb and retain the e that falls during the subse- winter. The weathering and of the soil during this time, e by early spring tillage, the ground in the most excel- dition as a seed-bed. How- his method of preparation of for spring grain is simply out question whenever there is dan- e soil drifting during the early

Practice of summer fallowing en widely discussed and advor- "dry-land" farming opera- This practice has its advan- and disadvantages, and under conditions is a necessary and e method to employ in grow- ps. For crop production in Kansas it undoubtedly can be d occasionally with winter to good advantage, but as a of preparing ground for spring it has proved to be neither a e nor a practicable one. Th e that is necessary to maintain much essential to conserving moisture, and to keep down th of weeds during the sum- e in the soil becoming so ed or "fined" that it "blows" during the winter and early This tendency of the soil to e the consequent damage to e absolutely prohibits such a e during the average season in y farm practices of western If it is possible, by some r other, to prevent drifting of e and the resultant injury to the very successful yields may be d as a result of summer fallow- at, even where the blowing of e can be prevented it is a ques- to whether or not this practice efitable one in growing spring rom the standpoint of a per- agriculture.

Land.—In the preparation of ed where the preceding crop n corn which has been prop- ativated, best results can be ob-



# OUR BIG Annual Sale



## of Imported Stallions and Mares

# 35 Percherons, Shires, 35 Belgians

### WILL BE HELD AT OUR BARN

# April 15, 1911

We want you with us on that date. You'll not be disappointed. You'll find in this sale some of the choicest and best bred stallions and mares Europe has produced. They are big, strong, active, smooth, flat-boned fellows—sound as dollars. BLAISDON CARLO (21148), the Shire stallion that stood second at the Chicago International 1908 and carried away the Grand Champion Cup at the Nebraska State Fair in 1909-10, is included in this sale. He has wonderful style and conformation, color chestnut, weight 265 pounds. GERVICAS (69526), the black Percheron that stood second in open competition last fall at the Nebraska State Fair, is also included. He has great quality and is one of the best bred stallions France ever produced. His breeding could not be better. He weighs 2,100 pounds in breeding condition. A two-year-old dapple grey Percheron stallion—one that Watson says has promise of a great show record, is included. He is a little thin, but tips the scale at 1,950 pounds. Some of the choicest Belgians we have ever imported will be sold. They are massive and powerful, and will please the most critical. Mr. Watson, who personally selects all of our horses, arrived April 5th with another importation of 20 Percheron and Shire stallions and mares. They are some of the best he has ever been able to buy in the thirty years he has been in the business. We guarantee these new stallions as well as every other stallion we sell, a 60 per cent breeder. Our experience with April importations is that they come right out of pasture and usually gain 200 pounds or better while on stand. The 25 stallions in this sale are two, three and four years old, with one exception, and weigh from 1,800 to 2,300 pounds. The 10 mares will range from 2 to 4 years and weigh from 1,700 to 1,900 pounds. Several of them are bred to noted stallions across the water. They are as good as we have ever had in our barns. This is your opportunity. Come and buy the best horses Europe can produce at your own prices. We will not issue a catalog, but will furnish a printed list of all horses, sale day. Every animal is recorded and certificate of registry will be furnished with each. Sale called 1 p. m. sharp, Saturday, April 15, 1911. Come Friday if possible. Auctioneer—Col. F. M. Woods.

WATSON, WOODS BROS. & KELLY CO., Box 1, Lincoln, Neb.



tained by thoroughly disking the ground. In this case there is usually sufficient husks, stalks, etc., on the ground to prevent the blowing of the soil. The limited experiments conducted up to the present time indicate that this method of preparing the ground is not only cheaper, but has given better results than either fall or spring plowing.

There may be danger of soil blowing on very clean corn ground where the stalks have been cut and removed, in which case it may be well to take all possible precaution to guard against it.

Spring Plowing.—Spring plowing, as a rule, is not a very satisfactory practice in preparing ground to be planted to spring grain, but very often it is the only recourse left to the western Kansas farmer. It is rather difficult to get the ground back into the physical condition of a good seed-bed in time to be of benefit to the crop, especially if the soil and climatic conditions during the spring happen to be dry, which is usually their state at this time of the year. Land should be plowed very early, just as soon as the frost is out of the ground, and immediately harrowed, or packed and harrowed sufficiently to settle and firm it again. The best results in harrowing and packing the ground can be obtained immediately after plowing and before it dries out; if the work is done at this time it may be possible to conserve considerable



**W. H. RICHARDS, Importer**  
PERCHERON AND BELGIAN HORSES.  
A car load of extra good 2-year-old and 3-year-old stallions recently arrived. Come and see these magnificent horses before you buy a stallion. I will make you some eye-opening prices just now. Barns only four blocks from A., T. & S. F. depot.  
**EMPORIA, KAN. EASY TO GET THERE.**

soil moisture that would be lost if the harrowing was delayed for some time. The vital problem is to thoroughly firm the soil immediately and to re-establish the connection between the furrow slice and the "plow pan" or the subsoil, so that the moisture below can move up where it will be available for germinating the seed properly.

Oats and barley make their maximum development when grown under a rather cool, moist environment and thrive well at comparatively low temperatures, consequently best results are usually obtained when they are seeded at as early a date as conditions will permit, that is, as soon as spring opens up sufficiently to sprout and grow the grain.

The rate of seeding oats or barley will necessarily vary somewhat with the quality of the seed, the condition of the seed-bed, the fertility of the soil, and the average precipitation. Where good vital seed is sown, and the seed-bed is in proper condition, six to seven pecks per acre is sufficient for the western one-fourth of the

## STALLIONS

2 - Black Percheron Stallions - 2  
2 Chestnut Stallions, Standard bred

No better individuals or surer sires in Kansas. You run no chances. Their colts are here to show. All qualified under the stallion law. We are quitting the stallion business. If you want the very best at reasonable prices come quick.

**SUTTON FARMS**  
LAWRENCE, KANSAS.

### Draft Stallion

FOR SALE—French draft black stallion No. 14630. 7 years old; well broke for service and work; weight 1700 pounds; used only on my own mares and want to sell, as his fillies are now 3 years old. Full guarantee.

E. H. LEES, Sterling, Kansas.

state while seven to eight pecks per acre is preferable for the west central portion.



POLAND CHINAS

POLAND CHINAS

DUROC JERSEYS

DUROC JERSEYS

THE MORTONS

QUALITY AND SIZE POLAND CHINAS. Herd headed by Equipment 5153c by Impudence. For quick sale, 20 summer and fall gilts sired by a son of Meddler 2d, bred for August farrow. Also 3 fall boars. All representations guaranteed. THE MORTONS, Tampa, Kansas, Marion County.

25 POLAND CHINA BRED SOWS AND GILTS FOR SALE PRIVATELY

I will give purchaser benefit of sale expense and offer this stock privately at reasonable prices in lots to suit. Also one choice 18 months old Recorder red Shorthorn bull.

McINTYRE'S BIG TYPE POLAND CHINAS

A lot of choice fall pigs, both sexes, ready to go now. Choice fall boars, some of them herd headers, at from \$30 to \$50. Will also sell a number of young sows, bred to Mastodon, to farrow during summer months. The young sows and fall pigs offered sired by Victor. Will book orders now for March, 1911, pigs. Address F. W. McINTYRE, Route 5, Red Oak, Iowa.

200 LARGE TYPE POLAND CHINAS

Herd headed by Big Hadley, Long John 2nd and John Ex. Young stock for sale at all times. A few choice Hadley boars. CHARLES Z. BAKER, Butler, Missouri.

BIG POLANDS

John B. Lawson's Herd, Clarinda, Iowa. The big, smooth kind. Pigs for sale sired by Long King's Equal. Book you order early. Pigs farrowed in February and early in March.

18 - BRED GILTS - 18

Fall boars and summer and fall gilts by Skybo, Jr., and out of Cinderella and Milledred sows. A. L. ALBRIGHT, Waterville, Kansas.

HARTERS BIG KIND POLANDS

Headed by Megul's Monarch 45858 and Capt. Hutch 39068. Bred sow sale Feb. 16. 50 Barred Rock cockerels for sale. J. H. HARTER, Westmoreland, Kansas.

Big Type Poland China Gilts

A few very choice ones sired by the great Wilkes Again and safe in pig to a grandson of Grand Look. \$30 each if sold soon. J. B. WHIPPLE, Fall City, Neb.

BEST POLAND CHINAS.

For best Poland Chinas, best breeding, and best prices write to S. A. BUGG, Hamilton, Missouri.

POLAND CHINAS

END SOWS AND GILTS. Ten Strike, grand champion at the Oklahoma State Fair, 1908, heads the herd. Special prices on a few bred sows and gilts. All pedigrees furnished when hogs are delivered. T. M. CHAMBERS, Oswego, Kansas.

BIG BONED POLAND CHINAS

10 choice Boars for sale that are first class herd headers, they are big and smooth and guaranteed. Write at once. W. A. BAKER, Butler, Mo.

Highview Breeding Farm

THE KIND OF OUR FOREFATHERS. Home of the big-boned spotted Poland. The only registered herd of original spotted Poland Chinas on earth. Bred sow sale February 15, 1911. Ask for catalog. H. L. FAULKNER, Box K, Jamesport, Mo.

EUREKA HERD of pure bred Poland Chinas and Duroc Jerseys. Boars all sold, but have a limited number of Poland China spring gilts bred for early farrow. These are good ones, priced right. Farm 7 miles south of Simpson, Kan. W. H. Sales.

ROSE LAWN POLAND CHINAS.

King Darkness by Meddler 2d, assisted by Shortgrass Meddler by Meddler 2d head my herd of richly bred Poland China sows. A few spring gilts by On the Spot for sale. E. J. MANDERSCHIED, R. 3, St. John, Kan.

FINE FALL PIGS

All spring boars sold. Some fine fall pigs, both sexes, for sale. Write your wants. W. C. MILLIGAN, Clay Center, Kansas.

GEO. SMITH'S BIG POLANDS—Headed by Mammoth Hadley, the best son of Big Hadley. Sows, daughters of King Do Do, Johnson's Chief, Gold Metal, First Quality, Chief Gold Dust, 5 litters by Grand Model by Grand Chief. 100 choice pigs doing well. George W. Smith, Burchard, Neb.

POLAND CHINA HOGS.

Mastodon Poland China hogs, the big-boned type that will weigh when mature 800 to 1,000 pounds. Mastodon Price leads this herd. Mastodon Price sired by A Wonder 107356, a hog weighing in full flesh 1,200 pounds. If you want the right kind, they are at Quality Ridge Farm. A number of bred gilts for sale; all choice individuals. Phone me at Dearborn, Mo. Railroad station Newmarket, Mo. CLARENCE DEAN, R. 1, Weston, Missouri.

BIG POLAND CHINA HOGS.

Limestone Farm Herd, Clarksville, Mo. M. Gottswiller, Prop., breeder of big Poland Hogs. Shropshire sheep, Buff Orpingtons and Single Comb Brown Leghorn chickens, Pekin and Indian Runner ducks and Chinese geese. Breeding stock for sale.

DEER PARK STOCK FARM.

Richly bred Poland Chinas headed by the great Impudence E. L. and Noble Chief by Nobleman. Choice lot of spring pigs for sale by Impudence E. L. and Dawley's S. P. Perfection. D. A. WOLFPERSPERGER, Council Grove, Kansas.

SULLIVAN COUNTY HERD.

Poland Chinas; 200 head in herd; best blood known to the breed. For sale, eight choice fall gilts; also eight Collier pups. FULLER BROS., Humphries, Missouri.

BIG TYPE POLAND CHINAS.

Gold Standard Chief Gold Dust in service. Sows represent the most noted big-type strains. Choice lot of spring pigs. WALTER HILDWEIN, Fairview, Kansas.

FAIRVIEW POLAND CHINAS

FOR SALE—50 extra fall pigs, both sexes, with size and quality; priced to sell; descriptions guaranteed. Write us. P. L. WARE & SON, Paola, Kansas.

GOLD METAL 43343

By Bell Metal 40388 heads my herd of big type Poland. Breeding stock for sale at all times. Prices right. JOHN C. HALDERMAN, Burchard, Neb.

Gronniger's Big Polands Lead

The blood of the biggest and best. A few choice fall boars and gilts ready to ship. Bred sow sale February 23, 1911. HERMAN GRONNIGER & SONS, Bendena, Kansas.

HICKORY GROVE FARM, the home of the big boned black and spotted Poland China hogs, the farmers' hog, and the kind that makes the most pork. Choice males for sale. Address GEORGE & OLLIE TAYLOR, Cameron, Mo.

FALL BOARS

A Few Fall Boars Sired by EXPANSIVE 34723

For Sale Cheap, if Taken at Once. H. B. WALTER, Effingham, Kansas.

12—VOTER HERD BOARS—12

A spring yearling by Voter and out of Queen Wonder; good individual; price \$75. 12 top spring boars by Voter, \$25 to \$40. 20 Voter gilts cheap if sold in bunches. Dams in herd represent best families. A. & F. SCHMITZ, Alma, Kansas.

WALBRIDGE POLANDS

Quality

L. C. Walbridge, Russell, Kansas

POLAND CHINA HOGS FOR SALE.

Splendid June and July gilts bred for June and July farrow priced for quick sale as needed the room. Special attention to mail orders. Let me book your orders for spring pigs. F. E. MULLER, Hamilton, Mo.

LAREDO HERD

Poland Chinas, headed by Impudence Style 1332378 and F. R. Meddler by Meddler for sale. 15 fall gilts bred for fall farrow and 9 other gilts. G. W. McKAY, Laredo, Mo.

POLAND CHINAS WITH SIZE.

Some very choice fall pigs weighing from 100 to 125 pounds, sired by Pawnee Look, the best boar looks Grand ever sired. The hog that suits the big type breeder and farmer. My motto: "More hog and less hot air." F. F. Oerly, Oregon, Mo.

STRYKER BROS.' HERD POLAND CHINAS.

The greatest show and breeding herd in the West. Write your wants and they will please you. Buy the best and make the most. They breed the kind that win; the kind that you want. Address STRYKER BROS., Fredonia, Kan.

BIG POLAND CHINAS

J. H. Wintermute, breeder of Big Type pure bred Poland China hogs. Herd headed by Surprise Tecumseh 133923, an ideal Big Type boar. A few top fall boars for sale at reasonable prices to go quick—also Thousand Pound Prospect 153557 a three year old herd boar, a good one and a bargain. Address J. H. WINTERMUTE, Hockton, Iowa.

BIG HADLEY, BIG HUTCH AND EXPANSION BLOOD

Predominate in my herd. Herd boars: Hutch Jr. by Big Hutch and King Hadley 2d by Big Hadley. Among sows are Grannetta, litter sister to Bell Metal; Pan Princess, weight 725 lbs.; Mollie S., 750 lbs., and Bess Corwin, the dam of Expansion See, the biggest boar ever owned in the West. 90 choice pigs farrowed to date. Visitors always welcome. C. W. JONES, Solomon, Kansas.

FALL BOARS BY HADLEY BOY 48009

Out of strictly big type sows. Prices right. GEO. M. HULL, Route 1, Garnett, Kansas.

LARGE TYPE POLANDS.

Toulon Prince 50559 heads herd. Bred gilts for sale; also some good August pigs, either sex. L. E. KLEIN, Zeandale, Kan.

HAMPSHIRE HOGS.

All ages, both sexes, best strains, prize blood. Prices right. C. W. WEISENBAUM, Altamont, Kansas.

RIVER BEND HERD DUROCS.

Headed by Fitch's Kant by Kant Be Beat and out of a son by Ohio Chief, one of the best individuals and breeders in the state. Let me know your wants. W. T. FITCH, Minneapolis, Kansas.

SPRING BOARS AND GILTS.

Choice Duroc Jersey gilts bred for June farrow; also some fall pigs of either sex. The kind that grow big. Write me your wants. W. C. WHITNEY, Agra, Kansas.

40—DUROC GILTS—40

All sired by Helen's Wonder (a son of Red Wonder and Helen Blazes 21st) and S. D.'s Inventor (a son of Inventor). Many of these gilts are out of May Boy sows. They are bred for early March and April farrow to one of the above mentioned boars or Crimson Model, a fancy son of Nebraska Wonder. They combine quality and scale and will please. J. F. STODDER, Burden, Cowley County, Kansas.

DUROC FALL PIGS, EITHER SEX.

Falls, not related, for sale reasonable. Bred sow sale January 24. Write at once for catalog. FRANK VRTISKE, Pawnee City, Neb.

50 FALL DUROC JERSEY PIGS 50

Descendants of the great Col. family. Both sexes \$25 to \$35 each. CHAPIN & NORDSTROM, Green, Kan.

BERKSHIRES

LARGE ENGLISH BERKSHIRES

Breeding Stock for Sale. H. U. McCURDY & CO., Hutchinson, Kansas.

BERKSHIRES—OVER 200 HEAD

To select from. Choice boars and females of various ages. A nice lot of fall pigs priced reasonable. We guarantee satisfaction. LEON A. WAITE, Winfield, Kan.

CEDARDALE HERD OF CHESTER WHITE

I have a few choice April gilts bred to farrow in April. They have plenty of bone and finish. Satisfaction guaranteed or money refunded. Write for catalog. J. S. KENNEDY, Hockton, Iowa.

OHIO IMPROVED CHESTERS

MAPLE LEAF O. I. C's.

The best blood lines represented in this herd. When in need of quality write. R. W. GAGE, R. D. 5, Garnett, Kansas.

FIELD NOTES.

John Regier, who owns the splendid Shorthorn bull Good News, pictured in Kansas Farmer last week, lives at Manhattan, Kan., and not at Manhattan, as stated.

Note the change in the advertising card of the Sunflower Holsteins, owned by F. J. Searle, Oskaloosa, Kan., which appears on another page.

Look up Chas. Dorr & Sons' ad in the Leghorn department of poultry pages if you want some extra fine eggs from a fine flock as there is in Kansas. This is a free range flock in which every hen is a good one. Good hatches are guaranteed, also fair dealing, by these advertisers. Only fresh eggs are shipped. When writing kindly mention this paper.

High Testing Seed Corn.

The U. S. Department of Agriculture recently made a test of the seed corn that Frank J. Rist of Humboldt, Neb., has. This test showed 99.5-6 per cent germination—a remarkably high test. Mr. Rist is advertising his seed corn in this paper. Being produced in a latitude north of Kansas, and in the eastern part of Nebraska, this is a corn that can be profitably planted by Kansas farmers. What little difference there is in the climatic conditions is in favor of this seed corn to the Kansas farmer who plants it. Write Mr. Rist, address above, for full information, kindly mentioning this paper.

Watson, Woods Bros. & Kelly Sale.

As a sort of grand roundup of a most successful season the big Nebraska horse importing firm of Watson, Woods Bros. & Kelly announce a public sale of 35 head of draft horses to be held in their barns at Lincoln, Neb., on April 15. Twenty-five of these are stallions ranging from 2 to 4 years old and weighing 1,800 to 2,300 pounds. The 10 mares will weigh from 1,700 to 1,900 pounds at the same ages. Several of them were bred to famous stallions before their importation, thus insuring the purchaser two imported animals. Percherons will predominate in this sale, though Belgians and Shires will be included. Blaisdon Carlo the Shire that won second at the International and the grand championship at the Nebraska State Fair, will be sold, as will Cervicus, the black Percheron that won second in the open class at Nebraska last fall. A number of young show prospects are also included and every one is to be sold under guaranty. Some of these horses are just over from the old country and will class very high. With the reputation which has been won by this firm and its horses the announcement of a public sale on April 15 will be good news to farmers and breeders. Remember that the sale will be called at 1 o'clock p. m. on Saturday, April 15, but the smart buyer will be on hand a day early, if possible, and study the horses. Mention Kansas Farmer when writing to Watson, Woods Bros. & Kelly, Lincoln, Neb.

DUROC HERD BOAR FOR SALE

Chiefs Valley, a great son of Valley Chief and out of a Kant Be Beat bred dam. Can use him longer to advantage and will be reasonable; will guarantee him fully. O. A. TILLER, Pawnee City, Neb.

When writing advertisers please mention KANSAS FARMER.

Greenwood Herd Durocs

FOR SALE—Choice lot tried sows and gilts, sired by Dandy Duke and Tattler Model, bred to Model Duroc, Greenwood Chief and Chief Orion. All guaranteed priced \$30 to \$50. If you want good write me. R. D. MARTIN & SONS, Earlham, Kansas.

L. C. WOOLLEN & SONS, Siamberg, Mo.

will book orders for Duroc Jersey male until May 1st at \$10 each; February to March farrow; sired by Woollen's Chief 101397. Pedigrees furnished f. o. b. Siamberg, Mo.

HOTEL GREENWOOD HERD

Bred sows and gilts for sale; a few boars; prices reasonable. CHAS. STITH, Eureka, Kansas.

THE STRAY LIST

Edward Iverson, County Clerk—Atchison County, Mo.

TAKEN UP—By J. E. Clark, Sassa, Kan., on February 21, 1911, one black weight about 240 lbs.; V-shaped cut in ear; nose split to prevent rooting.

W. S. Plummer, County Clerk—Pottawatomie County, Mo.

TAKEN UP—By H. H. Rose, Louisa, Kan., one white horse, weight 550 lbs.; ure 8 on both shoulders. Taken up May 11, 1911.

E. E. Hazen of Hiawatha, who is secretary of the Kansas Sheep Breeders' Association and perhaps the largest breeder of Hampshire sheep in the state, writes an interesting letter in which he says: "I ewe that brought triplets last year but other set of triplets again this year. I her two wether lambs to market last week and they weighed 126 pounds each, but ewe lamb. Have 115 nice ewes now about 75 lambs up to date. Altogether have 700 head of sheep which I have been holding rather late for a possible improvement in the market. Will shear them soon. Mr. Hazen is very successful with sheep always feeds out a few loads of market mals in addition to his flock of pure Hampshires."

For Hoisting Hay.

One of the nicest devices for raising into a high hay or onto a stack, the Little Giant Hoist, advertised elsewhere in this paper. This hoist is practically lasting, and is easy to understand and it is just the thing to start a heavy and it lets go the load precisely at the of the operator. Any one can handle every advantage. The makers, the Chas. Clutch Co., Box 273, Sandusky, Ohio, be glad to send full particulars of the to all who write for it. One of the most is worth while on every farm, for it many uses in farm work in the country year.

For Horse Owners.

The old reliable remedy for horse ailments, such as spavins, ringbones, Gembault's Caustic Balm, is again advertised in this paper. For many years Lawrence-Williams Co., Cleveland, O., has been supplying this remedy to the horse and each year the demand for it has been increasing. This is in itself a demonstration of the value of this remedy, but once a person uses it, the most convincing thing in the world is to tell others of success attending its use. This is the reason for the wide sale of Gombault's Caustic Balm. Every horse owner should write the Lawrence-Williams Co., as above, for the circular explaining the merits of their great remedy.

Modern Farm Gates.

It pays to have the best farm gates. Modern invention has been able to produce a gate is closed it will stay closed, when it is wanted to be opened, it should be opened quickly and with ease. Working gates is something every farmer should desire. Then no one likes to see ways repairing or rehanging gates. They should be of durable construction, they should be easy to work. The Iowa Gate Co., 48th St., Cedar Rapids, Iowa, has a very interesting and valuable paper, that should be read by every farmer in the country. It is fully worth while to write for company's circulars and note the excellence of its gates and the desirability of them wherever gates are needed.

Please discontinue our advertising for the present as we are completely sold out. Have sold several head of sows; we intended to keep and could have sold a great many more if we had them.—Roy H. Ott & Bro., Duroc, Kan.



# ROSS FARM PERCHERONS



Ten head of exceptionally good stallions 2 to 5 years old, weight 1,700 to 2,350 pounds. Blacks and dark grays. Mostly imported, in fine breeding condition, big, heavy boned, clean, smooth fellows that will please you, especially if you are looking for a high class stallion at a low price. Come, I'll treat you right. Also a few good mares and fillies. Everything registered in Percheron Society of America.

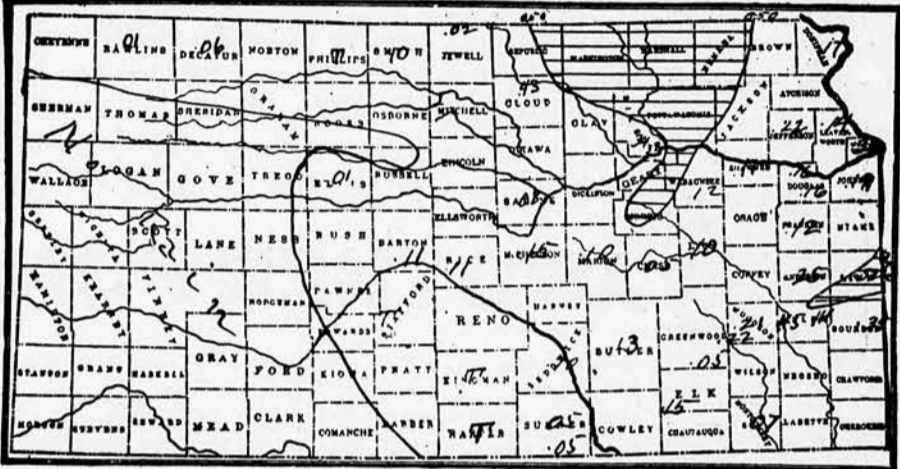
I bought most of this stock from Singmaster & Sons, Keota, Iowa.

**GEO. B. ROSS**  
MAIN LINE A. T. & S. F.

**ALDEN, KANSAS**  
FARM ADJOINING DEPOT.

## KANSAS CROP REPORT

Rain chart prepared by T. B. Jennings from reports collected by the Weather Bureau.



UNITED STATES WEATHER OBSERVER'S REPORTS BY COUNTIES.

**Allen**—Oats and potatoes planted. Peaches and plums in bloom. Wheat greening up and also pasture.

**Fruit** uninjured in this section. Soil is moist and conditions are favorable for agriculture. Peach and plum trees in full bloom but vegetation generally not far advanced. Wheat crop looks fine, and plowing is being done to considerable extent.

**Anderson**—Snow flurry. Most of oats saved. Fruit all right.

**Barton**—Oat sowing in progress, more than twice the acreage of last year. Ground in good condition. Wheat already up not looking well. Dust storm on 26 and 29 did great deal of damage.

**Bourbon**—Fruit damaged some, but prospects are for a fair crop. Ground in good condition and farmers taking advantage of it. Gardens coming up and look good.

**Butler**—Apricots, plums, pears and peaches in bloom but not very full. Temperature on 27th 2 degrees above freezing and possibly some of fruit damaged. No rain of consequence this month and are in need of it.

**Chase**—Apricots in bloom 25th. Pears almost in bloom 30th. Good week for farm work. Oats about all sowed. Considerable plowing being done for corn.

**Clark**—Farmers preparing to plant crops. Ground in good condition. Wheat prospects not good. Most fields just coming up. Have had two days of high winds and several dust storms.

**Decatur**—Six days of dust storms. Damaged large percentage of wheat. Ground dry.

**Douglas**—Trace of sleet on 26th. Rain, sleet and snow on 28th. Sowing oats continues. Plowing for corn. Winter wheat came through fine. Pastures coming out well in bluegrass. Roads good. Large acreage oats sown.

Precipitation of 28th consisted of snow, melting almost entirely as it fell.

**Ellis**—Oat sowing about done. Some coming up. Alfalfa heavy sowed. High wind 26th and 28th blew ground hard where fresh plowed. Peach, pear and plum trees in bloom. Needing rain for small grain.

**Ellis**—High winds 26th, 28th and 29th. Considerable damage to wheat. Has been dry. Spring grain not starting favorably.

**Franklin**—Oat sowing going on rapidly. Some farmers have crops in. Three days of cold hard work. Ground frozen in early morning.

**Greenwood**—Wheat good, considering dry fall. Peaches damaged some by frost. Other fruit not damaged. Ground in splendid condition for spring work. Oats about all sown.

**Gove**—Dry. Dust. Wheat prospects very poor.

**Jefferson**—Wheat, rye and pasture looking fine. Oats all sown. Potatoes planted. Gardens made. Fair peach prospect.

**Jewell**—Three days of wind from southeast, four days from northwest. Dry and dusty all week.

**Johnson**—Weather variable. Much frost. Precipitation .19 inches. Fruit not much injured except peaches. Oats planted.

**Lane**—Two severe dust storms. Winter wheat nearly all killed. More moisture needed to start spring grain and grass. Stock in excellent condition.

**Leavenworth**—General farming conditions good. Oats and potatoes practically all planted. Not much wheat, but in good condition. Conditions very satisfactory.

**Linn**—Oats mostly sown. Plowing for corn. Soil in fine shape for working. Pastures look green.

**Logan**—Too dry for much farming. Storms 26th and 28th, which damaged wheat and blew out 50 per cent of oats and barley.

**Lyon**—Much wind and too cold for favorable crops.

**McPherson**—Oat sowing about completed. Fall wheat looks well. Early potatoes planted. Subsoil well soaked. Surface dry.

**Marion**—Oats all sown. Ground too dry on top. Wheat which came up in fall looking well.

**Marshall**—Inch of snow on 28th. Some plowing done. Some potatoes planted. Early garden made. Winter wheat green, but

### Percheron Stallions

I have as fine a bunch of stallions as you will find. I have the ton size, and 1,700 to 1,800 pound two year olds, with worlds of bone and great action. My prices are right and my horses are right.

Yours for home grown Percherons,  
**J. W. BARNHART, Butler, Mo**



Huchepie (75767) 60388, the Percheron mare who won first and grand champion at the Hutchinson (Kan.) Fair and first and championship at the American Royal, son of 1910. Recently purchased at a long figure at the Webb sale and now owned Lee Bros., Harveyville, Kan.

### Kepple & Barnett Make Great Sale.

Forty-five head sold for \$18,120. The Kepple & Barnett dispersion sale held at Beloit, Kan., March 30, was one of the most successful and pleasing sale events of the year. The offering was presented in a 5-day dress, but their great value was not from start to finish, and the large number of buyers was the best evidence as to the quality. Of course the sensation of the sale was the selling of the great Alcega. There were several good bidders up to \$2,000, and he was finally sold at \$2,450, to Indiana, Col. H. S. Duncan made sale in his usually interesting and high-spirited way. Following is a complete list of sales with price and name of buyer:

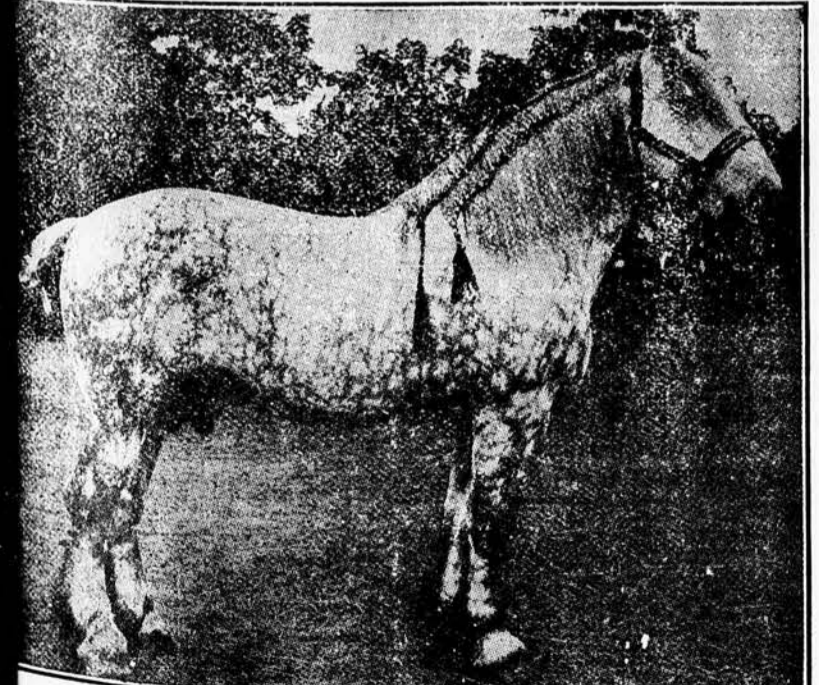
J. F. Somes, Vincennes, Ind.	\$2450
N. J. Pelen, Salina, Kan.	460
W. Emmot, Beloit, Kan.	950
W. N. Hackenberg, Tipton, Kan.	500
E. E. Booker, Beloit, Kan.	950
J. P. Fuller, Beloit, Kan.	415
Charles Magers, Jewell, Kan.	180
George Ward, Beloit, Kan.	160
Robert Wildman, Jewell, Kan.	210
W. S. Corsa, Whitehall, Ill.	605
Guy Gray, Jamestown, Kan.	365
W. S. Corsa, Whitehall, Ill.	465
W. S. Corsa	565
A. Lundblade, Jamestown, Kan.	425
J. W. Berry, Jewell, Kan.	460
Joe McCausland, Beloit, Kan.	450
Roy Neffert, Glen Elder, Kan.	605
W. S. Corsa	470
C. P. Alberts, Glen Elder, Kan.	560
C. P. Smith, Hunter, Kan.	515
J. A. Plekett, Glen Elder, Kan.	545
W. Emmot, Beloit, Kan.	425
John Alberts, Glen Elder, Kan.	300
W. S. Corsa	710
W. S. Corsa	510
Boss Strawn, Beloit, Kan.	405
Boss Strawn, Beloit, Kan.	485
E. E. Booker, Beloit, Kan.	290
H. W. Parsons, Sylvan Grove, Kan.	600
R. B. Roberts, Cawker City, Kan.	260
H. W. Parsons, Sylvan Grove	560
Peter Paulley, Beloit, Kan.	605
J. W. Berry, Jewell City, Kan.	230
John Sabin, Beloit, Kan.	165
L. P. Gerston, Clyde, Kan.	390

### The Tomson Shorthorns.

The famous herd of Shorthorns established by T. K. Tomson at Dover, Kan., many years ago is now owned by the Tomson Bros., who leave nothing undone to maintain the quality upon which their reputation is based. In a recent letter the Tomson Bros. state that they have sold a number of good bulls lately to breeders in Kansas. C. W. Taylor of Enterprise got a Scotch Victoria bull by St. Clair, who promises great things for his new owner; L. V. Sanford of Sabetha took a good son of Barmpton Knight and Thorny Rose 3d, who is very closely related to the big prize winners of the country. The Swain Rancho of Dwight, Kan., and W. A. Scott of Westmoreland, Kan., also secured good bulls. Tomson Bros. say they still have two good bulls by Barmpton Knight and an outstanding good one by Gallant Knight's Heir, which they are pricing worth the money. They also have a number of very promising calves among the fall crop. Please mention Kansas Farmer when you write them.

### Breeders Like Kansas Farmer.

This is to tell you that I am enjoying your hericles on front page of Kansas Farmer. You certainly have the gift of putting your ideas into an attractive and elegant form. The farm is all right and I am glad I stuck to it, though there are some things about it that won't do to sing of. You are writing some mighty good things all the same. Go ahead and do it some more.—W. A. Wood, Breeder of Hereford Cattle and Duroc Jersey Swine, Elmdale, Kan.



The above is the photograph of Bank Melange No. 21085 (10606), which is perhaps one of the greatest Shire stallions Europe has produced. He was imported to this country by Messrs. Watson, Woods Bros. & Kelly of Lincoln, Neb. This firm is one of the largest importing firms in the United States. They have been in the business for 30 years, and have imported some of the greatest sires in this country today.





"Bob," John B. Corn, Jr., Little Rock, Ark.



"Sparkle," Eloise Savage, Watertown, S. D.



"Beauty," Bertram Eldridge, Bradford, Ill.



"Mac," Ruth Mead, Slater, Mo.



"Spotty," Mildred Etter, Madelia, Minn.



"Laddie," Robbie E. Norton, Nashua, Ia.



"Duke," Dorothy Lee Eagle, Kansas City, Mo.



"Fritzie," Marie & Jack Parker, Williamsport, Pa.



"St. Nick," Marcella Conley, Ionia, Iowa.



"Bess," Wilfred Dearchs, R. 1, Burt, Ia.



"Billie," Hazel McMartin Desmet, S. D.



"Queenie," Stan. Malick, North Redwood, Minn.



"Brownie," Twyla Hart, R. 1, Sydney, O.



"Fairy," Lawrence Ulrich, Rosemount, M. Inn.



"Derby," A. Fitzsimmons, Prairie du Chien, Wis.

# 30 PONIES AND THE BOYS AND GIRLS WHO GOT THEM FREE

Notice we print the photographs, names and complete addresses of the whole 30 Ponies (count them) and the boys and girls who won them, which we wouldn't dare do if it wasn't true we give away real live Shetland Ponies and complete outfits. If you write these boys and girls (be sure to enclose a two-cent stamp for reply) they will tell you how lovely their ponies are, how easily they won them and how fairly we treated them. None of these boys or girls can compete for "Captain Jerry" (which we are going to give to you or some other boy or girl as explained below) because we wouldn't want any one child to win two ponies and it gives you a much better chance to get him.

## ANOTHER PONY FREE With Complete Outfit Shown Below

If you want a pony free and have your picture to send us your name and address today and we for him. We can't send you a pony free unless any other publisher in the United States and we can just completely cover a page this size if you haven't a Shetland Pony yet and want one stand of having us give you "CAPTAIN JERRY."

printed here next time riding him with these 30 other pony winners, don't fall will tell you more about "CAPTAIN JERRY" and how to become a contestant you send us your name and address. We have given away more ponies than are going to give away a lot more. We want to give away enough ponies so that with little pictures like these 30 that you see around the edges of this page, the sooner you send us your name and address, the better chance you will the very next pony we are going to send free to you or some other boy or girl.

### "Capt. Jerry"

is a fine, three-year-old, coal black Shetland Pony, 43 inches high and weighs about 300 pounds. He's the cutest and prettiest little pony you ever saw and just as gentle and clever as can be. He dearly loves children and is the dandiest chum you could possibly desire. We have owned lots of ponies but never one you would like to own better than "Capt. Jerry." He is a fine driver and can haul a wagon-load of youngsters along at a merry clip. If you send us your name and get him everybody in town will envy you and will run to the door and say: "My isn't that the prettiest little Pony Outfit you ever saw? And you would be the happiest child alive if "Capt. Jerry" was yours, and just think of the fine times you can have taking your friends driving all around, and to neighboring towns, and to church, and to school, and to the post-office and everywhere. Read this page through carefully and then send your name and address to us for you can win it if you try.



WOULDN'T YOU LIKE TO DRIVE TO SCHOOL IN THIS OUTFIT?

### The Outfit

And best of all we send free with "Captain Jerry" the complete Pony Outfit as you see it in the picture. The pony-wagon is just the best we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome black harness with nickel trimmings looks just fine on "Captain Jerry." The riding bridle is imported and the saddle we had made to order for "Captain Jerry." And we send a handsome English driving whip, not to use because we know you wouldn't whip "Captain Jerry" for he will trot just as fast as he can if you simply ask him to, but this whip makes the outfit all complete. No child, no matter how rich his parents may be, owns a more desirable pony outfit than this one which we are going to send free and pay all freight and express charges. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't one and would like to have us give you this one, send us your name and address right now.

## DON'T LET ANYONE PERSUADE YOU THAT YOU CANNOT GET IT

Don't let anyone persuade you that you cannot get "CAPTAIN JERRY." If you have been unsuccessful in other contests don't let that discourage you because our plan of conducting pony contests is different from others. We are publishers of The Farmer, Farmer's Wife and Poultry Herald. The Banker or Postmaster in your town undoubtedly knows of The Webb Publishing Company, one of the largest publishing houses in the United States, so we can well afford to give away so many ponies. Our contests are very short and you or some other boy or girl will get "CAPTAIN JERRY" and have him to drive to school and everywhere. We never heard of one of these boys or girls to whom we gave ponies until they wrote us they wanted one, which shows you how fair and square our pony contests are and that no matter where the winner lives, "CAPTAIN JERRY" will be sent without one cent of cost to you.

Send Your Name Today  
Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). Any boy or girl who can drive a pony can become a contestant for "Captain Jerry."

Cut Out and Sign this Coupon or Copy on a Postal Card and Mail Today

The Farmer's Wife, 309 Webb Bldg., St. Paul, Minn.  
Please send me Certificate of Entry, and pictures of "Captain Jerry" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Captain Jerry."  
Name \_\_\_\_\_  
R. F. D. \_\_\_\_\_  
P. O. \_\_\_\_\_  
State \_\_\_\_\_

Every Contestant A Prize Winner  
All contestants will surely get a prize of their own choosing from a list which we will send you. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Captain Jerry" because you have the same chance as any other child.

Be Sure to Address all Letters to THE FARMER'S WIFE 309 Webb Building St. Paul, Minnesota

"Don," Oliver E. Olson, International Falls, Minn.



"Evangeline," Gladys Houx, Marshall, Mo.



"Ned," George and Ruby Kobella, Huntley, Mont.



"Dandy," Grace Burrows, Delano, Minn.



"Mischief," Orville Himle, Montevideo, Minn.



"Tony,"



"Jim,"



"Sunny,"

These three ponies were given away March 27. Winners announced April 8.