

KANSAS FARMER

FOR THE IMPROVEMENT

OF THE FARM AND HOME

Volume 49, Number 1.

TOPEKA, KANSAS, JANUARY 7, 1906

Established 1863 \$1 a Year.



Let us At this
Resolve: New Year's
Time...

That we will get out of debt and stay out.

That we will farm our land better, rather than farm more land.

That we will sow and plant only tested seeds of approved varieties.

That we will sow and harvest fewer weed seeds; the first easily possible by use of modern, inexpensive seed cleaners; the latter by better cultivation.

That we will raise better animals, with better care and better fare. As low-class live stock discredits its owners the scrub must have no place in Kansas husbandry.

That by public or private work the roads and roadways along our farms shall be kept in serviceable and creditable condition.

That we will be as ready to provide our homekeepers indoors with modern conveniences and labor-saving appliances as we are to have desirable outdoor equipment for ourselves.

That by right living we will make our citizenship such that Kansas shall everywhere be cited as the enviable and ideal commonwealth.

F. D. Coburn

We Want 128 Cash Buyers For 128 Ten-Acre Irrigated Tracts at the New Town of Wilson, Colo.

Within a few minutes ride of the city of Pueblo

Here is the greatest home opportunity that has ever been offered you—a chance to get an irrigated tract of land, improved and seeded to alfalfa. The Pueblo-Rocky Ford Land Co. has set aside two sections of land—1,280 acres—for the purpose of raising a bonus for the new railroad from Pueblo to Wilson, in the center of the company's holdings. In order to convert this land immediately into cash the company has decided to make

This Special Offer

The company will at its own expense seed each ten-acre tract to alfalfa this spring, thus insuring the purchaser a good crop this year. The minimum price of the raw land and water-rights is \$150 per acre, but the company will sell these 128 tracts seeded to alfalfa at the regular price of the land and water—\$150 per acre. The first year's crop will pay a handsome dividend on the investment; the 1912 crop should yield from \$500 to \$800 with no expense except for the cutting. And with a good stand of alfalfa your land will be practically doubled in value. A home near a thriving city like Pueblo with all the conveniences of modern life, is easily worth \$250 per acre when put down to alfalfa—and from \$500 to \$1,000 per acre for orchard purposes.

Remember you are getting this land—not in its raw state—but seeded to a valuable crop that never fails and for which there is an unfailing market at a big price. You are near a thriving city of 60,000 population, and practically adjacent to a new town which will double values. Your tract will be within one mile of the new railroad, giving you direct connection with five trunk lines. And you do not have to wait for your profits. Your crop will be ready for harvest by the time you can occupy the land.

There are only 128 of these tracts and when they are sold no more will be offered on these terms.

DON'T DELAY. This is the greatest opportunity ever offered to secure a money-making home for so small an investment. Get your Reservation in this week. We will select a desirable tract for you and hold it subject to your inspection.

TERMS—One-half cash, and one-half in one year, 6 per cent interest on the deferred payment.

Send your reservation today, accompanied by check or draft for \$750, and we will give you a free trip to Colorado to inspect the property. If you are not completely satisfied we will promptly refund your money.

If you prefer, send your check to John R. Mulvane, President the Bank of Topeka, Topeka, Kan., to be paid to us when you approve the land.

Here's Why You Are Sure to be Interested

The Pueblo-Rocky Ford district combines everything you are looking for as an ideal home.

The climate is pleasant the year around; the soil is fertile and will grow almost everything that grows in the temperate zone: fruits, garden truck, all the grains, sugar beets, alfalfa, anything you want. You can engage in just exactly the sort of farming you best like.

Your farm is in a tract adjacent to the City of Pueblo, with 60,000 population and with all the conveniences and comforts of life. You do not have to engage in pioneering; you encounter no hardships. Your crop is planted.

The supply of water is unfailing. There is no safer or surer irrigation project in the entire country than that of our company. The terms on which we sell our lands are such that any man, anywhere, who knows the least thing about farming, can secure a home for himself and his family forever, no matter how small his present income. You can't buy better land anywhere. It pays for itself. The construction work on the canals is so far advanced that the distribution canals will be completed next month, and water in abundance will be furnished in 1911 for all the lands that will require water. The place is ready for you—come and see its advantages.

128 Ten Acre Tracts

Improved and Seeded to Alfalfa
\$150 Per Acre—One Half Cash

Remember there are only 128 of these improved tracts—and there are over 52,300 farmers who read Kansas Farmer. We believe every tract will be sold this week. Send in your reservation NOW and we will hold your tract for you and give you A FREE TRIP TO INSPECT THE LAND.

The Pueblo-Rocky Ford Land Co.

B. H. Tallmadge, President

NEW ENGLAND BUILDING, TOPEKA, KANSAS

F. C. Tallmadge, Vice-President

Pueblo Offices: 601 North Main St., Pueblo, Colo.

Read What the Mayor of Pueblo Says About Our Irrigation Project

Pueblo, Colo., Sept. 28, 1910.

Regarding the Pueblo-Rocky Ford Land Company, will say I think their claims are well founded. They are doing enormous water development work in this country, and I think their reservoir system one of the best in this part of the country. I myself, with a few associates, have gotten 3,000 acres that will come under their ditches, and we look on it as a good investment. Anything further I can tell you or do for you, let me know. Respectfully,

(Signed) A. L. FUGARD,
Mayor of Pueblo.

JOHN R. MULVANE, President Bank of Topeka, Topeka, Kan.

I send you herewith check or draft for \$750 to be turned over to the Pueblo-Rocky Ford Land Company as part payment for land purchased from them upon my approval of the land selected. If the land is not satisfactory I will notify you and you will immediately return the money to me.

Name

Postoffice

KANSAS FARMER

EDITORIAL

FARMERS' WEEK IN TOPEKA.

The week of January 9 to 14 will be a busy one in Topeka. The Kansas Improved Stock Breeders' Association will begin its sessions at 10 o'clock a. m. on Monday, January 9, and will continue until 4 o'clock p. m. on Wednesday. At that time the State Board of Agriculture will begin its fortieth session, which will close on Friday night. The Kansas Branch of the Red Polled Cattle Club of America will hold a business session on Wednesday. The State Veterinary Medical Association will meet January 10, 11, and the Kansas Swine Breeders' Association, whose program is merged with that of the Improved Stock Breeders Association, will hold a business session.

It is doubtful if either the Improved Stock Breeders Association or the State Board of Agriculture ever offered the public better programs than those to be presented at the forthcoming meetings. Very important matters will come up for discussion and recommendation to the Legislature which will then be in session.

Among the important topics for discussion at the Stock Breeders meeting will be that of the curing of meats on the farm. With 40 cent bacon and 7 cent hogs this question is a most vital one and the subject will be introduced by President H. J. Waters of the Kansas State Agricultural College in his paper, "Shall the American Farmer Become a Meat Packer?" This paper will be followed by a demonstration in which a number of carcasses will be cut up before the audience and the methods of cutting and curing on the farm explained.

Another important subject will be the anti-hog cholera serum treatment. Kansas loses thousands of dollars each year from hog cholera and if this treatment will prevent it we all want to know about it and have it made available to all the farmers of the state. This matter will be presented to the Legislature for action.

The stallion law will be reported upon by the secretary of the State Stallion Registration Board and later a revision of the present law will be asked of the Legislature.

Other live stock interests will be represented. The dairy, poultry, swine and horses have each a full share in the program of the Improved Stock Breeders meeting. It will be good to be there and every farmer as well as every breeder should be present and take part in these matters which are of such vital importance to his welfare.

A writer suggests that the San Jose scale may not prove an unmixed evil as it has scared orchardists into an era of protective spraying which will be highly beneficial in other ways. People can be scared for their own good sometimes. Farmers of the south thought they would have to give up cotton raising, at one time, because of the ravages of the boll weevil. They were scared into finding an early maturing variety of cotton which is practically free from that danger and they were also scared into a rotation of crops, both of which have started a new era of prosperity for southern farmers. Farmers of the Kansas river valley were scared stiff by the flood of 1903, and while their losses were heavy, they were more than made up by the greatly enriched soil and heavy crops of later years. Farmers have been scared by the drouth and especially that of last summer but this scare has started them to thinking and, as a result, the methods of dry land farming are being adopted in the east as well as in the "semi-arid" country. Farmers get scared at the weed crop every year and yet weeds have taught us tillage. Sometimes a scare is a good thing. Some people need it often.

If your seed corn is not thoroughly dry it needs immediate attention. Thoroughly dry corn will stand a much lower temperature without losing its germinating power than will that which is not. Freezing injures vitality and should be guarded against. Poor seed is poor policy.

With which is combined FARMER'S ADVOCATE, established 1877.
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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.

PURE-BREDS AS FARM HORSES.

Pure-bred colts will sell for more at one or two years of age than will grade horses when fully mature. Even weanlings that have pedigreed ancestors of individual merit are selling for \$300 or \$350 this winter. Good prices are not received by the big breeders alone. An Illinois farmer who keeps half a dozen pure-bred Percheron mares which he works steadily has sold his colts as satisfactorily as have the professional breeders. He has sold several at the age of one or two years for \$400 apiece. From one mare he has sold a stallion for \$1,500 at three years old. Another brought \$1,000 at auction. A filly was sold for \$500 when a yearling, and another filly is being retained that will be worth \$1,000 when she matures.

There is nothing mystifying about the horse business. There are many who would say that the average farmer cannot succeed with horses, especially with pure-breds. This idea is not worthy of consideration by any farmer. Any man with ordinary skill and judgment can succeed with draft horses, for draft horses are as easily raised as any other class of farm stock.

Isn't it a commentary on American farm methods that the army is not able to procure the 2,500 horses which it needs each year for remounts? This is not because the government cannot buy horses but because it cannot buy good horses. Both the safety and the success of the men in the cavalry and artillery depend, in a very large measure, upon the quality of their horses. The army man is a fighting machine when he belongs to the infantry. On the other hand, he is only a part of a fighting machine when in the cavalry; the horse is the other part. The government cannot afford to impair the usefulness and value of its cavalry and artillery fighting machines by supplying poor horses. Long experience has shown that a certain type of horses is necessary for the most efficient service and it is this type which government buyers find so scarce. Uncle Sam is a good buyer at good prices and farmers who cater to this trade and breed this type will find a ready sale to other classes of buyers as well. A horse that meets government requirements will bring a good price anywhere that good horses are appreciated.

The late David Rankin of Missouri who had the name of being the largest farmer in the world, did not inherit his farm. Once he was a poor man. His farm was a development, a growth from small beginnings. His financial success, his great fame and the size of his farm were all made possible by the use of two things, the manure spreader and crop rotation.

HIGHWAY ADVERTISEMENTS.

Massachusetts has a law which prohibits the posting of advertisements on any highway in the state. It is a good law and one which other states could copy to their advantage. In the making of many laws Kansas is supremely great, but she occasionally overlooks a good one. The grinding out of a multitudinous grist of laws, many of them unnecessary and others foolish, by each biennial legislature has resulted in a great mass of legal matter which is confusing even to the executive officers who want to do their duty and has resulted in a general lowering of respect for law.

Laws which make for the real good of the state and the uplift of her citizenship are wholesome and desirable. Among such laws is the Massachusetts law referred to above.

Beauty has a commercial value and should be sought by every citizen. Kansas is a beautiful state and this beauty should not only be preserved but enhanced. The posting of advertisements along the highways is about the surest and quickest way to destroy landscape beauty, besides being wholly unnecessary.

This is a newspaper age and the posting of advertisements along the highway is just as useless and just as antiquated as is the custom of having the minister read notices from the pulpit, besides it creates a degree of antagonism instead of a desire to buy, in the minds of the travelers who read them.

The beauties of nature are the God given right of the people and no man has the right to destroy them by thrusting his private business into the faces of those who would enjoy by the erection of a gaudy sign or poster.

King Solomon lived a long time before the age of modern farm machinery or he never would have been guilty of the statement that "the borrower is slave to the lender." His saying was true in his day and age and is true today so far as cash is concerned, but it certainly would have to be reversed when applied to farm implements. When a man has borrowing neighbors who depend upon him for the use of his farm tools he is certainly slave to the borrower. The borrowing habit is a bad one and of easy growth. Like other bad habits it should be guarded against by both parties. A man has no right to ask the loan of an expensive piece of machinery, and no man, in justice to himself, should lend it. Except in cases of emergency the use of farm tools should be paid for, and this applies to other things as well. Why should a man be asked to use up and wear out his capital, that on which his living depends, just to be a "good fellow" to a neighbor who is either too shiftless to provide for himself or whose ideas of rectitude are twisted?

ANTI-HOG CHOLERA LAW.

Perhaps no question that has been brought before the Legislature in recent years will have such unanimous support among the people as will that of making suitable provision for the manufacture and distribution of anti-hog cholera serum.

The present law, while made with the best of intentions, has proved itself cumbersome to such a degree as to be disastrous. By its requirements a suspected herd must be visited by the Live Stock Sanitary Commissioner before the State Veterinarian can be called upon for treatment. As this disease is quickly fatal and as the duties of both these officers take them to many different parts of the state, it may be a week or more before official attention can be paid to diseased herds. This simply spells calamity to the owner of the herd.

For lack of any legal provision there are no adequate means for manufacturing this serum in sufficient quantities to meet the demand. The State Veterinarian has no funds with which to either establish and equip a serum laboratory with sufficient capacity or with which to manufacture the serum under his present conditions. For this reason he must charge the actual cost of manufacturing the serum and the expense of travel against the owner of the hogs. If he did not do this he would either be compelled to cease its manufacture entirely or to rest under the grave charge of misappropriating state funds which is a penitentiary offense.

Under the circumstances he has done a wonderful work, though this has been much less effective than it would have been had he not been hampered by lack of both funds and equipment.

The Legislature will be asked to appropriate funds for the equipment of a laboratory of sufficient capacity to meet the needs of the state and then to make provision for the manufacture of the serum in such quantities and with the necessary rapidity to meet any emergency.

More important, perhaps, than either of these things is that the law be so amended that quick action may be had without the present red tape. The State Veterinarian should be subject to call direct from the owner of the diseased hogs and the serum made accessible to any qualified veterinarian for administering.

With a laboratory of suitable capacity; with ample funds for the manufacture of the serum in quantity; with the State Veterinarian made accessible to farmers who have dangerous diseases in their herds and with serum in the hands of every qualified veterinarian in the state, Kansas should soon be practically free from this scourge which costs the farmers so dearly each year.

The agricultural appropriation bill as prepared by the congressional committee on agriculture will include the usual provision for free seed distribution. The amount agreed upon for this purpose is \$309,590. It is not likely that there will be any effective opposition to this part of the bill. So long as voters do not object to this useless and extravagant expenditure of public money, free seed appropriations will probably continue. It is difficult to understand the process of reasoning that a congressman must follow to figure any great vote producing power out of a two-for-five package of worthless garden seeds. Nevertheless, as a legalized attempt at vote buying the congressional free seed graft must be considered in a class by itself. It is a gross insult to the moral status and intelligence of the American farmer, and yet voters stand for it.

Predictions are freely made that Congress will, this time, provide for a parcels post. All other civilized nations have it and it does seem a little tough that the American citizen can send packages by mail to any foreign country at the rate of 12 cents per pound, while if he sends the same package to the next town he must pay 16 cents per pound.

BEAUTIES OF HORTICULTURE

Beauty Relieves the Grind of Toil, Makes Life Worth Living, and Has Cash Value

REV. C. S. HARRISON.

The fullest development of the race gives the highest development of art, taste and beauty.

The rich man puts millions into his residence. The skill of the architect is exhausted on those costly adornments. This is a prophesy of that future when we will all be rich and each one have an eternal lease of a mansion adorned with the high art of God.

As the great Horticulturist gave a charming covering to the apple, the peach and the pear when created, so after He made the world, He threw over it a mantle of splendor. Who can describe the charm of the old ocean or the grandeur of the mountains glinting in the effulgence of the sunlight? Even the cold north has a lure of beauty where the stately Aurora with fingers of light paints those curtains on the distant sky as if all the colors of the stars were thrown on the canvas. There is a fascination when the vast northern prairies of the Arctic are abloom with a beauty no pen can portray. There is hardly a spot on this earth but what has its attractions. Travelers on the Sahara speak in raptures of the iridescent glow which trails its glory over sandy plain and rocky mount. The Arab loves his barren land, drawn there by attractions he does not find elsewhere.

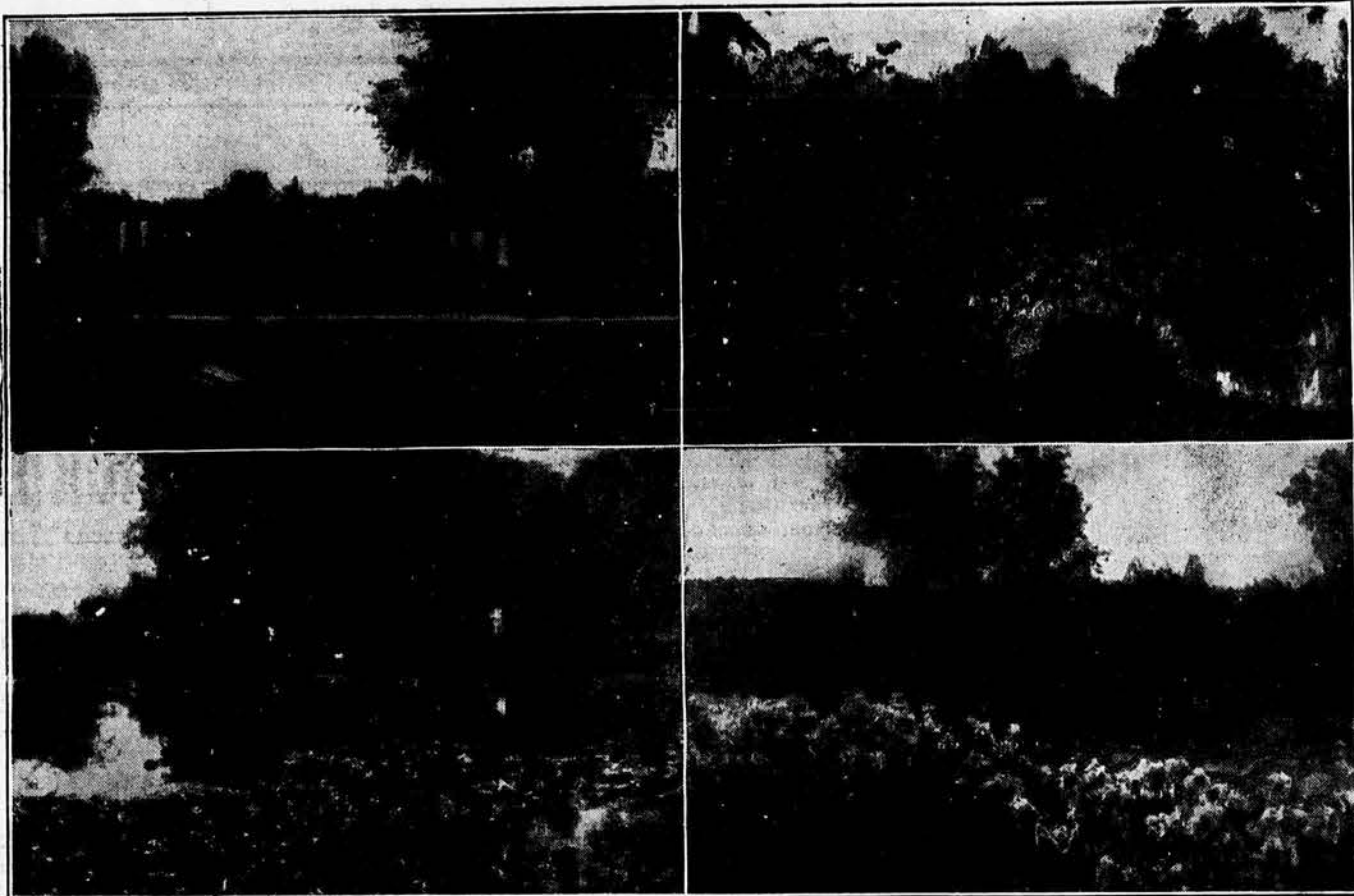
What is the mission of all this finish which God has given to His work? Beauty is for immortals. You cannot interest your horse or dog or cow in a flower garden or a sunset. It is food for the soul and is as necessary for our higher natures as is food for our bodies.

Nothing is made in vain. The creation of beauty on such an extensive scale on the earth and in the universe implies its need. Watch the progress of fruits. Down in the Boston Arboretum you see half a dozen original apples, varying from the size of currants to that of the cherry. Mothers and fathers are these of the luscious fruits of today. God took great pains to give us the foundation of beauty in the flowers. He turned single specimens over to us and said: "Be co-workers with me and double them," and we did. What vast families of transcendent loveliness adorn the earth today. A garden of flowers is as necessary to feed the soul as a garden of fruits and vegetables to feed the body.

Acquaintance with the beautiful gives refinement. Association with the pure and lovely in nature changes the hoydenish girl into a lady. The boy becomes a gentleman instead of a boor. The wickedest Amazon in Chicago, as terrible as a tigress to the police, became as a little child with the gift of a charming bouquet of roses. The soul of the poor invalid is cheered by a tribute of love in the shape of flowers. There is an inspiration which comes to us in the presence of the great procession of beauty, each vying with the other to put on the fairest gala dress to please us.

A family well fed will show it in strength, health and comeliness. A soul well fed will also show it in an undefinable grace and symmetry.

Here is a farm, the front yard is a hospital for disabled machinery with no adornment whatever. All around is the dull grind of toil. The whole place is a great pasture for raising "grouch." Here is another. Five acres of the 160 are set aside for adornment. Here are the silver robed trees of the Rockies, the stately Concolor and, in the background, the sturdy Ponderosa. There is a Black Hill spruce in charming symmetry. There are the ornamental shrubs, the great family of syringas, lilacs, spireas and viburnums. There are a pair of great tree lilacs with heads adorned with clusters of bloom, stately and imposing. There are beds of peonies with their witchery of beauty. Of irises which seem to unite the beauty of



two worlds. There are great beds of columbine with the harmonious blend of loveliness. The phloxes come in to carry the procession down to the hard frosts of autumn. That five acres is worth more than the other man's farm.

You plant trees and God glorifies them. The orchard is a garden of fragrant flowers in springtime, and in autumn you have the fascination of beauty in the fruits, blushing in their leafy coverts, and in the blending of the red and gold. Green is the universal color. It is refreshing and restful to the soul. Frost comes and touches shrubs and forests, mountains and plains, and what a change. Earth's grand landscapes are glorified by the brushes of unseen artists and you have a rich and fascinating riot of loveliness, a witchery of charm. How rich those tints and shadings. The whole earth seems in a second spring time, a wild, rollicking abandon of loveliness, all in gala dress just before the solemn Lent of winter.

This earth is the porch of another. To some of us who are nearing the border there comes the foreshadowings of the glory to be revealed. The universe in its vastness is planned along the lines of beauty. Systems, suns and stars, all have their imperial adornment. God's capitol is the climax of the art of Him who wove the mantles of the stars, tinted the petals of the flowers and painted the bow of hope on the brow of the storm. So let the beauty of earth be prophetic of the life beyond.

Talk with the average man about home adornment, and he will tell you there is no money in it. Never was there a greater mistake, and it is sad to think that one of the greatest sources of wealth should be overlooked. We lose millions on millions every year from this narrow view of things. Beauty and symmetry bring the highest price. Here is a horse. He may have speed and endurance but he lacks style. He looks like a common plug. Put him on the market and with all of his good qualities what will he bring? Here is another, no faster, no stronger, but what a splendid bearing he has. See those flashing eyes, those distended nostrils, that arched neck. He prances along as if stepping on the clouds. In Burlington, Vermont, I saw a matched team that sold for \$40,000. Thirty-nine thousand dollars of that was for beauty. How is it with cattle? Here is a scrub. How much will he bring? Just the price of the lowest grade beef. Here is a registered Shorthorn, perfect as if run in moulds. His symmetrical form laid out with square and compass. How is it with fruits? Raise an ap-

ple with the shape and color of a potato, and can you sell it? Instinctively the eye must be fed as well as the stomach. Color enhances the value of the Wealthy and Jonathan.

Here is a man well equipped mentally for his work. He goes out to find employment without putting on any finishing touches. He wears a slouch hat and well worn clothes of a common laborer. Will any one take him? Let him make himself presentable, be well dressed and modern in his make-up, and his very appearance is in his favor.

Two girls of equal ability start out to find places as typewriters. One dresses like a wash woman and wears a frown. She looks a long time for a place and cannot find it. The other though not extravagant, is neat and tasty in her dress and wears a smile which glorifies her face to the value of several hundred dollars, and all the doors fly open before her.

More and more the world regards the value of a pleasant and cheerful countenance. It is the finishing touch of both personality and character.

In one of the dining rooms of Omaha there was a lady with such a cordial and welcoming smile that we used to go in for that as well as for the meals. It was a cure for loneliness and homesickness. There is a difference between a smirk and a smile. One is a made up affair, the other is spontaneous. When God made the world He looked it over, was pleased with it and called it very good.

The beauty of the flowers, the charm of the landscape, the glory on the gates of the morning, the splendor of the sea and the sublimity which sits upon the mountains are all the smiles of God, crowning His finished work.

It is the duty of the nurseryman to proclaim the evangel of beauty. They tell us there is no call for these things. Then make a call. How did you make a call for fruits? By faithfully pounding facts into the people and by demonstration. Now enter and conquer this new field. The calling to the nurseryman is larger than the dollar, yet incidentally there are more dollars in it than any other line of horticulture. You can raise lilacs by grafting on the young ash. You raise syringas and spireas by divisions and cuttings and you raise perennials from seed.

Take the iris with a beauty which you cannot translate into language. You are baffled in trying to describe its winsomeness. There are 500 varieties reaching from early spring until August. They are not expensive and we often get 20 to 30 divisions

from one plant in two years. Peonies should double every year. Phlox should bring in five fold each season. You will soon get sick of the lubber-lift when you can get only \$25 in a great nursery box, and you can put the same value in a package you can carry under your arm. You should have your grounds stocked with all the beautiful things which will grow here. Get acquainted with them yourself and have your guests familiar with them. There should be a committee appointed to make a campaign of publicity, furnishing articles for our agricultural papers and also for the dailies and weeklies scattered all over the land to show people just what they can do. Warn them against sending thousands of dollars east every year for things which cannot grow in the west.

What fortunes have been hidden in single flowers. One carnation sold for \$30,000 and that was the beginning of its value. The peony Festiva Maxima has been worth a million. The American Beauty rose has been worth as much more. Talk about mining, why the delightful fields of nature are richer than the mines of Golconda. There is much yet to be done, new discoveries to make and you may be the one to bring out of the unknown treasures not yet seen by mortal eyes.

You can take a piece of somber earth and give it the beauty of the rainbow, the brightness of the stars and the splendor of the sunset. You can be co-worker with God and it is a shame to sit down supinely and do nothing in the midst of such superb possibilities.

Let this be your motto and have it ingrained in your soul: "Beauty is wealth. Raise a lot of it and be rich."

With 300,000,000 acres of land to be plowed each year at an average cost of \$1.50 per acre it is not much wonder that the farmers and manufacturers are both working on the problem of eliminating this annual drain of 450 million dollars. Plowing costs in some cases as high as \$8 per acre and the traction plows, which reduce this cost to about 50 cents per acre, are eagerly welcomed by the farmers in sections where they can be used. Kansas is one of the states where they can be used.

Even a hornet is of some use in the world. They destroy house flies and some men never really get alive until they "meet up" with one.

Taking pleasures as they come is joy. Running after them is grief.

The Holstein-Friesian Cow Save \$10 To \$30

The area of Friesland, from which comes a large proportion of the cattle known as Holstein-Friesians, is 53 square miles less than that of Rhode Island, and yet as far back as the early '70s that little country exported to England in one year 4,565,456 pounds of cheese and 299,796,592 pounds of butter. This made an average of 205½ pounds of exported butter for every cow in that province besides what was consumed at home, probably an equal amount. This shows the wonderfully productive capacity of the Holstein-Friesian cow.

Since that time these cows have been greatly improved by both breeding and selection and large numbers of them have come to this country. Under American conditions and especially under Kansas conditions, this breed has made wonderful progress and it is now believed that there are no better specimens of the breed on earth than are to be found right here.

When it is remembered that the average milk cow in America only produces 150 pounds of butter per year and does not pay her keep, the difference between the two is striking.

With her wonderful alfalfa, climate, water and pasture, there is no country so well equipped to become a great dairy state as is Kansas. No land can grow such cheap or abundant feed and no land has a better market for dairy products, and yet Kansas fails in dairy production and her citizens fail of making the money they should have each year.

Why? Simply because we do not take advantage of the opportunities that are literally thrown at us. We are selling grain and hay and with them are giving away our farms. Our land grows poorer and our crops smaller each year because of this practice. Kansas needs more and better cattle.

Statistics furnished by the State Board of Agriculture show that in 1907 Kansas had 690,318 milk cows. In 1908 there were 687,432, a decrease of 2,886. In 1909 the number was 671,662, another decrease of 15,770, while in 1910 the number was 641,570, another decrease of 30,092 head, or a total decrease of 48,748 head of milk cattle in four years.

Are we not wasting our opportunities as well as our substance? No progressive, substantial growth can be made in farming without live stock and no class of live stock is more profitable than the dairy cow.

The figures given above may show a healthy growth after all as the decrease in numbers of milk cows may mean that we are getting away from the old, non-productive 150 pound "boarder" and are buying real milk cows. Again they may not.

Whichever way these figures are read, the fact remains that Kansas must have more and better cows and the further fact remains that for dairy purposes, there are none that even approach the special dairy cow. But such cows cost money! Of course they do. Everything that is worth having costs money, but a good machine of any kind produces money as well. A good dairy cow is such a machine and the Holstein is one of the very best.

As an efficient money making machine the Holstein has no superiors and few equals. Her hardy constitution, large feeding capacity and enormous product serve to make of her an ideal machine for converting the raw products of the farm into cash. She will pay for her keep in manure while her calf and her milk are so much profit. Now figure such a cow as producing two pounds of butter or more per day and what is she worth? Such cows are not uncommon among Holsteins.

Before us as we write is the record of two herds, one of which is composed of grades and the other of Holsteins. The first shows a loss of from \$1.58 to \$27.52 per cow on the first ten cows and a gain of from \$1.41 to \$10.21 per cow on the other five head in a year's record. The average product was 124 pounds of butter-fat and the total loss on the herd during the year was \$112 or \$7.76 per cow.

The Holstein herd numbered 13 head and showed a gain of from \$22.66 to \$69.70 per cow. The average product was 326 pounds of butter-fat and the average profit was \$42.60 per cow. Now the difference between the poorest cow in the first herd which lost for her owner \$27.52 and the best cow in the Holstein herd which made a profit of \$69.70 is nearly \$100 which was lost to the owner of the first herd by reason of his not owning the better cow.

Now the second herd, mentioned as being Holsteins, was not composed of unusual cows and they are not mentioned to show the possibilities of the breed but only to show a comparison between an average herd of scrub cows and an average herd of cows having Holstein blood in them.

Now the question for the dairy farmer to solve is, which is the more profitable, the scrub for which he paid perhaps \$25 or \$30 and which "eats her head off" every year, or the Holstein for which he paid \$100 to \$200 and which pays for herself in a year or two in her yield of butter-fat and leaves the calf, the manure and the gains derived from marketing your own crop at home as clear profit? Scrubs don't pay. Holsteins do.

Deep Plowing for Dry Farming

"The article in KANSAS FARMER, issue of December 17, on 'Plowing for Profit' by E. R. Parsons, was one of the most interesting, instructive and valuable articles of the year. As he did not state where his farm is located I am unable to tell whether his 'average precipitation of almost 15 inches' refers to the annual precipitation or to that of the growing season only. I have land in Lane county and have debated the advisability of procuring a gas tractor and plowing very deeply, and using a packer in the belief that such a method would almost insure good crops with an average rainfall of 20 inches. Practically all of the old timers with whom I have talked have advised against this plan, saying that deep plowing would insure failure. Hence my desire for more definite information."—E. W. Glazer, Rice Co., Kan.

The author of the article referred to lives in Colorado where the annual rainfall is nearly 5 inches less than it is in Lane Co., Kansas. There has been a deep seated and long lived belief on the part of many farmers of western Kansas that deep plowing causes the soil to blow away and invites disaster. Experiments made in the several states located in the so-called "semi-arid" region all seem to point the other way and those in

charge are urgently favoring deep plowing for the purpose of creating a moisture reservoir and sub-surface packing for the purpose of making a soil mulch.

At the Hays Experiment Station a number of plowing tests have been made with rather surprising results. Among other things it was found that land plowed the usual way in the first week in August yielded 15 bushels of wheat per acre. That plowed in the middle of September, 13 bushels, while that plowed later yielded from 6 down to 2 bushels per acre. The use of the moldboard plow run 8 inches deep and followed by the narrow resulted in a yield of 33 bushels per acre while from the use of the disk plow only 26 bushels were obtained. Plowing at least 8 inches deep and harrowing brought more than double the yield obtained from double disking which is a common practice. Deep plowing with harrowing or subsurface packing produced one of the finest crops of Kharkov wheat I ever saw. Experimenters, who are the real thinkers, seem all to unite in the statement that deep plowing is the foundation of success in dry land farming.

"Do not push back your friends in order to push forward yourself."

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Poetry and Prose in Farm Life

Mrs. GRACE S. BROBST, Before Oak Grange Institute.

Bill Price was a cow-man, and it was one of his duties to operate the chuck wagon when occasion so demanded. One day he found a number of crows' eggs and went to work to bake a cake. After a while one of the boys came along and inquired of him what he was about. "Well," said Bill, "I was going to make a cake for my girl, but I guess the blamed thing is goin' to be a puddin'."

I feel a good deal like Bill. I was going to write a song, but I am afraid the thing is going to turn out to be a sermon, and it is with some difficulty that I refrain from announcing my text.

James Whitcomb Riley once said that "Poetry is purity and it mounts to God." Then where should we look for poetry if not to the farm? Where in fact have poets been wont to draw their inspiration more than from the homely, beautiful things that go to make up the every day life of the farmer?

Did Whittier find his "Bare Foot Boy" with "his upturned pantaloons and his merry whistled tunes" in town on the blistering pavement? Was it the city folks who were "Snowbound?" Was "the frost" ever on "the pumpkin" in a grocery store? Tell me where is the "old swimmin' hole where the creek, so still and deep, looks like a baby river that is layin' half asleep?"

Oh! the farm and its living are so filled with poetry that bards have been singing its praises for ages untold, and yet they ever find a new song to sing. There are those of us who could not make a rhyme in a hundred years, but the poetry all about us we see and feel and hear and live every day. We see it in every flower that blooms, in every bird that flashes by, leaving the air lush with melody. We see it in every field of waving grain and in the tossing banners of the corn. We breathe it in the very air, as we pass the fragrant orchards blooming in the May, or in the delicious aroma wafted from the meadow of new mown hay. We hear it in the morning carol of the thrush and robin, in the plaint of the mourning dove, or the booming, "bee-bo-boo" of the prairie chicken, drumming from the distant hill.

Tell me, have you ever read anything in song or story that stirred you like the challenge of old chancieer, or the bark of the dog, or the lowing of the kine or even the clamoring of the pigs on the neighboring homestead in the early morn? Have you heard the call of the first meadow lark and killdeer and not felt an answering throb in your breast?

Then there is the sunrise and sunset. No poet or artist has ever been able to do justice to these, but we, we of the farm life alone see and feel and are satisfied. The spring time on the farm! Go out of doors after dark. Don't you just hear those frogs croaking in the pool? Look around at all those prairie fires and smell that smell of burned grass. The wind is still, the air seems to caress you, and the myriads of stars look down upon you like a benediction.

Oh! yes, the poetry is here all right, but there are lots of folks who don't like poetry. They very much prefer prose. Well, I'm not saying but that they will find plenty of that too. It looks as though there were some farmers who never give a thought to the beautiful things of their lives. They haven't time for anything unless there is some show of turning it into cash. Isn't there a mistake here? Are crops and markets the chief end of man, as the catechism puts it? Why live as the old dirge runs: "To raise more corn, to feed more hogs, to buy more land, to raise more hogs, to buy more land, etc." Are not the development of character and the real thing of living more than this?

Some seem to think they can work and slave and merely exist for the greater part of life, fondly believing that they will stop work some day and enjoy the fruits of their labors. But disappointment surely follows. After the years of toil they can not fall into the ways of pleasure, or spend lightly what has cost so much of sacrifice; but if one will only

lighten the labor as he goes along by taking a little recreation and finding time to enjoy his surroundings and his friends, how much more helpful does he become to others, at the same time gaining those things which make life so much more worth the living.

I have seen men raise a family of children in the most uncongenial surroundings, all working hard and saving and pinching. Why? In order that he might add acres to his possessions and finally, after the children were gone, to enable him to build a pretentious house. Would not a little house and a few less acres have been better, at the same time giving his children the home comforts they so much needed, and the wife a home for years instead of a house for days?

These are prose pages. I am reminded of a little hard worked boy, child labor of a sensational nature if anyone but his parents controlled him, who called all birds, birds. He loved them but did not know their names. He never had time to investigate things for himself. He didn't know a blue jay from a spatsie. The same was true of the wild creatures of the farm. One day he was sent to a neighbor's upon an errand and arrived with a strong odor of skunk about him. He was greatly excited, and with dancing eyes he stammered out: "I tried to catch a squirrel but I couldn't." And so we see that knowledge will often avoid a great deal of unpleasantness.

But I am aware that every one cannot alike see the poetry about him. I remember one most perfect day in October a friend and I had occasion to drive some eight miles to what is called the county line. The woods were never more brilliant and all the way we raved over their beauty. On the return trip the friend's husband accompanied us, and as we came over the hill from the west the sun was getting low, throwing a marvelous golden glow over the woodland. The yellow of the cottonwoods seemed to catch the light and fling it back again. The oaks were flaming with reds, and the elms, ashes and sycamores vied with each other flaunting their gorgeous colors in the face of walnuts already leafless and gray. They rose tier upon tier from the shadowy valley, clear up to the sky line. I don't believe I ever saw a sight more beautiful, and exclaimed over it. The man saw it for the first time, and said: "Well, that is pretty, ain't it? I hadn't noticed before how pretty the trees were." Maybe, though, some of us have advantages, for I remember my mother calling us children to look at a sunset, or pointing out things for us to enjoy, before we were old enough to see things for ourselves. Well, if I had a boy or girl who didn't just love everything the farm ever saw or heard of, I'd get every Riley book out and make him sit down and learn the whole thing by heart, and then, if that didn't work I'd let him go to town where he would never, never need to meet any poetry.

I wish I could tell you something of the poetry which has been written of the farm, for if I have a preference for any one kind of literature I believe this is my hobby, a knowledge which has often made hard tasks lighter. But life as it must be lived on the farm must take the prose along with the poetry, a verse of poetry and a line of prose, so do we escape the monotony of life. That nice old biddle with twenty-seven chicks, all growing fine, we just dote on them; that's poetry. That pansy bed just set out and tended with care; that's more poetry. But wait a little until those two get together, and you have about the worst page of prose in the book. It's kind of prosy to have those pigs running out. They turn up the blue grass worse than a gang plov and flower beds are their especial delight.

I could go on forever and tell you about prose on the farm, but we all know it, and we find it fresh every day, so if I were to tell you a secret I'd say that the only reason why farm folks put up with such prosy lives is because, whether they read it or not, the poetry is there just the same.

"SPARKLE", Elsie Watertown, S.

"PRINCE", Morris Preston, Minn.

"BILLIE", Hazel DeWitt, S.

"TEDDY", George St. Cloud, M.

"BEAUTY", Bertr Bradford.

"FAIRY", Lawrence Rosemont.

"MISCHIEF", Edw. Edw.



"SPARKLE", Elsie Savage, Watertown, S. D.



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



"EVANGELINE", Gladys Houck, Marshall, Mo.



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



"DAISY", Leta Melville, Orient, Iowa.



"FRITZIE", Marie and Margie Parker, Williamsfield, Ill.



"KING", Victor J. Breitbach, Waupeton, Iowa.



"LADDIE", Robbie E. Mottin, Nashua, Iowa.



"PRINCE", Norris Hupson, Preston, Minn.



"BILLIE", Hazel McMartin, DeSmet, S. D.



"TEDDY", George Cooper, St. Cloud, Minn.



"BEAUTY", Bertram Eldridge, Bradford, Ill.



"FAIRY", Lawrence Ulrich, Rosemount, Minn.



"MISCHIEF", Orville Himle, Mankato, Minn.

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PONY CONTEST EDITOR,
No. 309 Webb Bldg., ST. PAUL, MINN.



"Ready for a Ride"

The Outfit

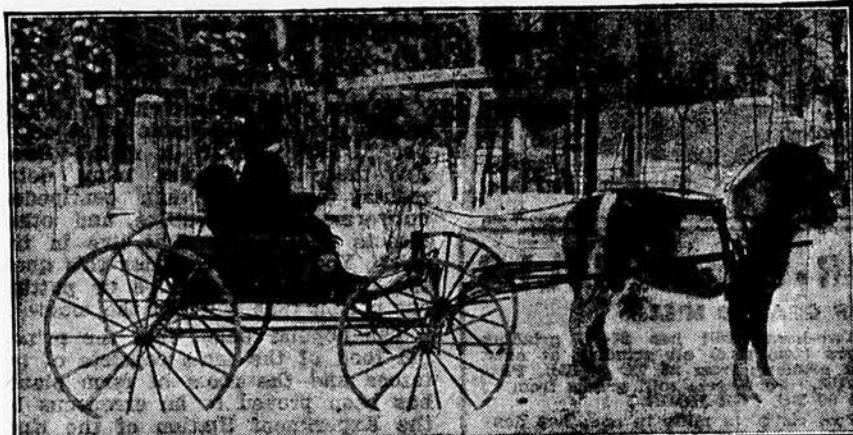
And best of all we send free with "Sunny Jim" the complete Pony Outfit as you see it in the picture. The pony-wagon is just the best we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome black harness with nickel trimmings looks just fine on "Sunny Jim". The riding-bridle is imported and the saddle we had made to order for "Sunny Jim". 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 think you would like to have us give you this one, send us your name and address right now so it will be sure to get to us quickly.

PONY CONTEST EDITOR,
No. 309 Webb Bldg., ST. PAUL, MINN.

Don't Let Anyone Persuade You That You Cannot Get This Outfit

Don't let anyone persuade you that you cannot get "Sunny Jim". 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 as 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 "Sunny Jim" and have him to drive to school and everywhere. We keep "Sunny Jim" and all our other ponies, until we give them away, on our big 400-acre farm at Farmington, Minn., 25 miles south of St. Paul. 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, "Sunny Jim" will be sent without one cent of cost to you.

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Please send me Certificate of Entry, and pictures of "Sunny Jim" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "Sunny Jim".

Name..... R. F. D.....

P. O..... State.....

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PONY CONTEST EDITOR, No. 309 Webb Building, ST. PAUL, MINN.



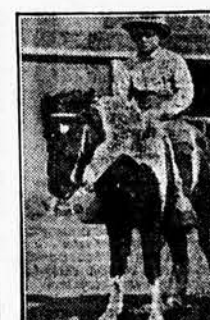
"SPOTTY", Mildred Etter, Madelia, Minn.



"QUEENIE", Stanley J. Mallock, North Redwood, Minn.



"BONNIE", Annyle Kafer, Glidden, Ia.



"BESS", Wilford Dearbe, R. 1, Burl, Iowa 32



"DERBY", Arthur Fitzsimmons, 33 Prairie Du Chien, Wis.



"JACK", Bernice Harvey, Croston, Ia.



"DANDY", Grace Burrows, Delano, Minn.



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



"ST. NICK", Marcella Conley, India, Ia.



"BROWNIE", Twyla Hart, R. 1, Sidney, O.



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Forty acres are an easy possibility with the **REEVES MULTIPLE GANG PLOW**. The only really successful outfit is the **Reeves Flexible-Frame Engine Gang Plow**.

because it does perfect work in all conditions of land. Flexible frame and running of plows in pairs gives REEVES PLOWS a great advantage over others. There are a dozen points of Reeves superiority.

WRITE FOR FREE BOOK telling the whole story of traction plowing. Shows plowing scenes and gives letters from users. Either steam-lift or hand-lift plows can be furnished for either steam or gas tractors.

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ONE-PLY ... Weighs 35 lbs., 108 Square Feet, \$1.10 per roll.
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That does not mean merely buying the engine costing the least money. It does mean buying one that will give the very best results—its actual power must equal its rating—its parts must be interchangeable—its speed must be steady and uniform, giving absolutely reliable results—year in—year out, indefinitely, with the least amount of operating expense and repairs. Such an engine is the

Weber Gas or Gasoline Engine

Sold Under Our Absolute Guarantee

No matter whether you are on a farm or in a shop you are working at serious disadvantage unless you let the Weber end the drudgery of pumping, grinding, shelling, operating all the machinery you now work by hand, foot, animal or wind power. Write for illustrated catalog.


Sheffield Gas Power Co., 112 Winchester Pl., Kansas City, Mo.



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Easy method, little expense, no pain or scars. Written guarantee with each bottle. **REMOV-ALL**—Beats Em All for Sprains, Curb, Bog Spavin, all lamenesses. Sold on money-back guaranty. Free—Treatise on curing animal diseases. Write for copy today.

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THE FARM



While the Department of Agriculture shows the corn crop of 1910 to have been 353,337,000 bushels more than that of 1909 the price was 10.8 cents lower and the total value \$128,854,000 less. The total value of all crops reported upon was \$3,735,464,000 or \$235,962,000 less than that of 1909.

During the current year there was conducted what promised to be an interesting hog feeding experiment at the Hays Experiment Station. This experiment included 4 lots of Duroc Jersey hogs as nearly alike as possible. The first lot was fed corn chop and alfalfa pasture. Lot 2 had the same grain ration but was fed cut alfalfa, a soiling crop. Lot 3 was given the same grain ration and alfalfa hay, while lot 4 got the corn chop alone. While the results of this experiment are not yet published enough is known of the results to show that lot 1 made a splendid growth while lot 4 did poorly. It is also known that while lots 1 and 2 did almost equally well, it did not pay to cut the alfalfa for lot 2. Hogs have pretty good alfalfa cutters themselves.

What Corn Testing Did for Nebraska.

Had the farmers of Nebraska, in the spring of 1910, planted their fields with untested seed corn from the crop of the year before, as they had been accustomed to do, it is figured that there would have been a shortage of 25,000,000 bushels in the crop of that state for this year. But fortunately the Commercial Club of Omaha discovered the poor germinating quality of the 1909 crop. Tests showed that only 57 ears out of an average of 100 would furnish seed which it would be certainly safe to plant. The alarm spread, and vigorous measures were taken to secure the planting of only tested seed, in every part of the state. As a result, instead of a threatened deficiency of 25,000,000 bushels, the Nebraska crop is estimated at 10,000,000 more than that of the year before. With such a showing, what farmer will venture, hereafter, to plant untested seed?

Don't Kill the Moles.

If you had your choice, which would you take: a mole or a centipede? How's that? A mole? Sure. Are these little moles more detrimental to farmers than centipedes, cutworms, grubs, beetles, and other insects and worms that live in the soil? You should consider this question before getting traps or putting out poison that will kill the moles.

The popular belief that the principal food of the mole consists of potatoes and the roots of farm plants has been proved to be erroneous by the Experiment Station of the Kansas State Agricultural College. In fact, the opposite has been proved to be true, for out of the 100 moles that were examined there were only 43 whose stomachs contained any trace of plant fiber or rootlets, and in these only small amounts were found. Their food consists almost exclusively of insects and worms found in the soil.

Probably the most remarkable thing revealed by the examination of the stomach contents was the large number of centipedes found. Of the 100 examined 25 contained centipedes, and in these 25, 42 centipedes were found; one contained four and several two and three apiece.

The damage to farm crops charged to moles usually is due to the activities of rats or other animals that gnaw, such as field mice, shrews, etc. These follow in the runways of the moles and do the damage for which the mole is blamed.

There is one place, however, where the mole cannot be tolerated. This is in parks or lawns. Here the mounds or runways spoil the appearance of the surface. A good way to keep moles out of these places is by frequent leveling with a heavy roller.

This also prevents injury to the plant roots.

The moles found in Kansas are not hibernating animals—one that spends the winter in seclusion—as many persons believe, but they are more or less active in all seasons. But it is in wet weather that they are most active in making new runways and repairing the old ones. Some of these runways are 500 feet long.—Chas. J. Dillon.

Should the Farm Horse Be a Draft Horse?

While it is not absolutely necessary to have the heaviest horses for the farm, it is essential that they weigh from 1,400 to 1,500 pounds. Some men say they can accomplish as much with a horse weighing 1,100 or 1,200 pounds as they can with the heavier horses, but a little reasoning will show plainly that a small horse is using its muscle all the time, and when it comes to a bad place in the road it is stuck. On the other hand a large draft team uses its weight only on good roads, and has its muscle in reserve to use when occasion requires.

A draft horse is always in demand. If you drive a big, heavy horse to the city there are always plenty of buyers anxious to buy at good prices, while if you have a light horse to sell (unless it is something particularly fancy), you have to hunt up a buyer and quite often sell at a sacrifice.

The farm machinery of today requires the larger horses. Improved machinery of the riding type and 2-row stuff is increasing in volume all the time, and will require as much more traction power tomorrow as the farm equipment of today requires over that of yesterday. The improvements are mostly in the nature of machinery that will either go down deeper into the soil and turn a bigger furrow or will by the same operation properly prepare the surface of more plowed ground with the same operation that formerly prepared about half as much.

If you have a lot of bronchos or driving horses, their disposition is generally such that it requires the services of an experienced horseman or they don't work together, with the result that a great deal less is accomplished than should be. Any man or boy can handle the draft horse as they have a quiet, peaceable disposition. If allowed to take their time, are not allowed to trot while at work, they can take a much heavier load and in the end actually gain in time over the lighter horse.

In most cases where a man says he likes the light horse better than the draft horse, you will find he never owned a draft horse.

I like a horse that will weigh 1,400 pounds at least, but would rather have one weighing 1,800. While I haven't been raising horses as long as some, I expect to continue as long as I can; and when the next year is up do not expect to have a horse on our place that will weigh less than 1,400, with the exception of one driving team.

I have no particular choice of breed so long as the horses have the size. The Percheron, Shire, Belgian and Clydesdales are all good.

The talk is that the automobile will take the place of the horse. This may be true as regards the light horse, but it will be many years yet before they take the place of the draft horse. When the ground is nice and the roads are good the auto will undoubtedly be used more and more each year, but the time will always come when heavy snows, rains, etc., will require the use of the horse, and he'll always be found ready. Probably it is a good thing that something is taking the place of the horse or lots of people might have to walk owing to the increase each year in the price of horses.—Frank Kidd before Oak Grange Farmers' Institute.

Dry Farming and Irrigation.

F. H. NEWELL, DIRECTOR, U. S. RECLAMATION SERVICE.

The public now believes in dry farming. It has passed through the stages of ridicule, of mere toleration and finally of over-enthusiastic promotion and is settling down as an accomplished fact. It has suffered both from neglect on the one hand and from over-zealous friends on the other. The crop statistics of 1910 are showing that it is no longer a theory but has realized a degree of success justifying the predictions of well-informed men.

The practice of agriculture in the arid regions has been, and still is, to a large extent, a matter of pioneering. Like other pioneering enterprises, the practice of this new form of agriculture has been beset with much disappointment and hardship, especially on the part of those who have been ill prepared or badly advised. Not every man is capable of being a successful farmer any more than he is capable of being a successful carpenter or groceryman. It may be claimed that a higher degree of intelligence, skill, energy and strength is required of a successful pioneer farmer than is necessary for the mechanic or tradesman.

It is unfortunate that these pioneer enterprises of developing the arid regions, either by irrigation or without it, have always attracted a great many men who have not succeeded in other occupations. Many of these men are predestined to failure, because of lack of physical strength, of energy and especially of what people call "common sense." They are easily attracted by the novelty of the situation, and forgetting that there are many laws of nature and rules of practice to be observed, attempt the impossible and become quickly discouraged. It is this feature which has been particularly conspicuous during 1910, as the climatic conditions of aridity have severely asserted themselves and many would-be farmers have learned to their sorrow that arid agriculture is an art whose rules cannot be disobeyed with impunity.

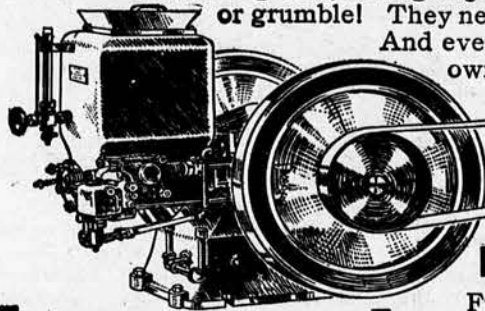
In all affairs of life the failures are usually more instructive than the successes. It has been interesting to note that in nearly every instance the failures, both in irrigation and in arid agriculture have resulted from disobedience or neglect of known laws. Students of conditions have predicted certain failures on the part of most ill-directed efforts and have shown that while an occasional success might be made through chance, yet in the long run, the pioneer farmers must follow the rules laid down or suffer the consequence. One of these has been the thorough tilling of the soil and the storage in it of all of the moisture available.

In traveling through the arid west, it is noticeable how few of the pioneer farmers have properly tilled the fields, and how many have simply broken up the top soil and allowed it to dry out instead of properly pulverizing it and thus holding the scanty moisture and humus from being dissipated by the winds. The results have illustrated the old maxim of the unwisdom of putting all of the eggs into one basket. Case after case has been noted where, in the eagerness for large areas, the dry farmer has attempted to put in hundreds of acres of one crop and has neglected to till a few acres where a little water might be had for artificially moistening the soil.

The best condition for success in the arid regions is one where a small acreage on each farm can be irrigated and intensely cultivated and where a variety of crops, especially those consumed on the farm and in the home, can be raised. This small area, even if no more than a good-sized garden patch, is the citadel of the home. It provides potatoes and other vegetables for use during the winter, and possibly some alfalfa or other forage for the family cow. It insures the permanence of the family. Outside of this area there may be a hundred or several hundred acres under cultivation by arid agriculture without the artificial application of water. This larger tract of dry land may yield a generous living, alternate portions being cropped each year with reasonable success and with occasional bumper crops. Here on the dry land is where the larger profits may be made with a relatively small investment. It is this combination of

Fuller & Johnson Double-Efficiency Engines COIN MONEY FOR FARMERS!

Our famous Double-Efficiency Engines are Money-Mills for farmers. They do the work of men and teams, at trifling cost, saving wages, board bills and feed bills! They never growl or grumble! They never shirk! They simply work! work!! work!!! And every revolution of the pulley puts profit in the owner's pocket!



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Fuller & Johnson Engines are built to stand the steady grind of heavy farm work. Run outdoors in snow, sleet or below zero without stopping. Easy to manage. Easy to keep clean. Simple as A, B, C. Made of the finest materials ever used in engines. Built in the big Fuller & Johnson Engine Works, by master builders. Every engine GUARANTEED.

\$1,000 FOR BEST LETTERS

on "How Farmers Can Make Money With GASOLINE ENGINES"

Grand Prize	\$300
Second Prize	200
Third Prize	100
Fourth Prize	75
Fifth Prize	50
Sixth Prize	25
Ten Prizes, \$10.00 each	100
Twenty Prizes, \$5.00 each	100
Twenty-five Prizes, \$2.00 each	50
GRAND TOTAL	\$1,000

Any farmer or farmer's son (working on the farm) can compete for these splendid prizes. No expense or obligation incurred. Not necessary to be an engine owner to enter the contest. Ideas are what count, not literary style or grammatical correctness. Write just as you would talk, in everyday language. Letter must contain at least 400 words and not to exceed 1,000.

JUDGES

We are pleased to announce that the editors of leading agricultural papers have accepted appointment as judges of all letters sent us. This guarantees every contestant that the letters submitted will be judged strictly on their practical value and without any favor being shown any person. The contest closes on the last day of next March. Write at once for Special Circular giving full details of this great \$1,000 Prize Cash Offer.

DEALERS: If you want to do the biggest engine business in your locality, write for our Special Dealer's Proposition.

test Circular and Fuller & Johnson Engine Books. Sixty-one Cash Prizes. Investigate the money-making possibilities of a Fuller & Johnson Engine on your farm. Address

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1 Knight Street,

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irrigated land with larger areas of dry lands on which there is an intelligent application of dry farming principles which has enabled hundreds of farmers to succeed while their neighbors, depending upon one crop and trying to utilize all of the dry land every year, have failed miserably.

There are now available to every man a number of publications giving clearly the principles of arid agriculture. These have been printed under the auspices of the state and federal government and by individuals. There is no excuse for any man not grasping the fundamentals; but there is in the makeup of every pioneer farmer more or less of the desire to speculate. The rules laid down in the books and the advice given him by the agricultural experts seems to be too exacting; he wants to try his chance, and believes that with the favorable weather then prevailing he can run the risk of doing a little less work than called for by the experts. He remembers having heard of some one who made a success without so much plowing and harrowing; being pressed for time, or money, he puts in his entire area in the quickest manner possible. This year's results have shown the unwisdom of such a reckless course. While instances may be pointed out where a fair crop has been attained, the great number of results serve to emphasize the fact that it doesn't pay to take chances and that a man who proceeds cautiously has been the winner.

Summing up the situation, it may be said that this year's failures and successes serve to strengthen the belief in the future of the arid region as a place for farms and homes for the highest type of intelligent, active and progressive citizens.

Running Water on the Farm.

Few things will contribute more to the comfort and "sanitation" of a home than an ample supply of running water. This is one of the substantial attractions of the city home. That it is found in comparatively few farmsteads is a reproach to the thrift

of the owners, as well as to their characters as husbands and fathers. For a supply of running water is not only a household convenience, but it is a money saver in numerous ways. In the mere matter of watering cattle, it will not only make a large saving of labor; but, in connection with some simple apparatus for warming water in the winter, it will increase the flow of milk in dairy cattle and cause fattening heaves to lay on far more flesh than when their drink is limited and when such as they have is given them icy cold.

The economies it will effect on even a moderate-sized farmstead will amount to a good deal more each year than the interest on an investment of \$500; and only rarely would the outlay for its installation amount to so large a sum as that. Forest Henry, in a recent article, figures that—a well being already available—the cost may be kept within \$200; which includes a \$100 windmill; 100 feet of 1½ inch pipe, connecting with house and barn, and cost of laying same below the frost line; the building of a cistern; a small stock tank; float valves and sundries. The interest on \$200 at 6 per cent is only \$12 a year. It is safe to say that any farmer, with an ordinary "bunch" of cattle, loses several times that amount, in butter or beef product alone, from the limitation of the amount of water which is inevitable where much labor is involved in watering the animals. All this without taking account of the gain which comes from slightly warming the water given the cattle—something very easily done by setting a coil of the supply pipe inside a small stove—or of the conveniences, the improved healthfulness, and the saving of labor in the house, which accompany the introduction of running water.

The question with most farmers is really not whether they can afford an equipment for running water, but whether they can afford to go without it. Those who have installed such an equipment are usually prompt in answering this question with an emphatic negative.—C. R. RORER St Paul

Fuller & Johnson Double-Efficiency Farm Engines

How an Old 3-12 H.P. Fuller & Johnson Outclassed a New 5 H.P. Rival Engine

Time and again Fuller & Johnson Engines that have been in use for years have bested new engines of other makes that claimed higher ratings in horse power. Here's an example: Jay M. Huntley of Prescott, Iowa, reports that the owner of a 3½ horse power Fuller & Johnson that had been in use since 1906, recently sold it and bought a new 5 horse power engine of another manufacture. The new engine couldn't begin to do the work of the old Fuller & Johnson Engine. The parties who had sold the old Fuller & Johnson tried to buy it back, but the new owner was so delighted with it that he refused to let it go.

This old engine had been used to run an elevator, used in a brick yard, a feed mill and for various other purposes. Today it is worth more than a larger engine that sells for double its price. Ask for a copy of Mr. Huntley's letter. It's mighty interesting reading for any farmer who is considering the purchase of a reliable gasoline engine. Write for

FREE ENGINE BOOKS and Details of Farmers' \$1,000 Letter Writing Contest

Get in line for a big cash prize. \$1,000 in Gold is to be distributed among the farmers by the Fuller & Johnson Mfg. Co. Write for Special \$1,000 Contest Circular. Sixty-one Cash Prizes. Investigate the money-making possibilities (209)

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It is my aim to make my paper the ONE PAPER that no farmer can afford to be without. Each copy of every issue is actually worth more to the man who gets it and reads it than I charge for a full five years subscription. I fill every issue with helpful, practical articles by men who are recognized as the highest authorities on agricultural matters.

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Hon. F. Coburn, Prof. P. G. Holden, Prof. W. A. Henry, Prof. L. R. Taft, Dr. A. J. Alexander, Hon. A. J. Lovejoy, and many other writers well known throughout the country are helping me make "Successful Farming" the best paper ever published.

The special articles, alone, in each issue of "Successful Farming," cost me more than the whole editorial expense of many farm papers for an entire year, but it is certainly worth all it costs to make "Successful Farming" the ONE farm paper that no farmer can afford to be without.

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Just write for a free copy of the December issue and you'll see that this is so. Better still—fill out this coupon, pin a dollar bill to it and mail it to me to-day; then you will have this best farm paper every month for 5 years.

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Send "Successful Farming" to address below for five years, for which I enclose one dollar.

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We can teach you by mail at home during your spare hours to skin and mount all kinds of birds, animals, game heads, etc. Also taxidermy and make rugs. Be your own taxidermist. Decorate your home with your beautiful trophies; become a professional taxidermist and earn big income. Quickly learned by men and women. Thousands of successful students. Write for Book "How to Learn to Mount Birds and Animals" sent absolutely FREE. E. W. School of Taxidermy, 3381 Alwood Bldg., Omaha, Neb.



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When you turn the leaf into the new year, the wisest and most profitable resolution you can make is "I will use

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every day." It is the greatest tonic ever devised for building up the money-making qualities of your poultry. It increases vitality, improves quality, protects from disease, and, above all, it's a guaranteed egg producer.

Just now when laying hens are paying best, is a good time to start. Pratts Poultry Regulator must make good or it doesn't cost you a cent. It is

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Every penny you spend will be refunded without question if you are not more than satisfied. It is worth your while to try it at our risk.

Use Pratts Powdered Lice Killer for loose hens.

Keep Pratts Roup Cure on hand. It prevents and cures Roup and will save you many a fine bird.

25 lb. pails \$3.50—also smaller sizes and 100 lb. bags. Be sure you get PRATTS.

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If you prefer Smokeless—get UMC Nitro Club or Arrow Steel Lined Shells.

UMC Shells have won every Interstate Handicap for two years straight. A record never equalled by any other ammunition. You can't do better than buy the ammunition used by the Handicap Winners.

"Game Laws, 1910" mailed to you free.

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(Ophthalmia, Cataract and Conjunctivitis)

Shying horses all suffer from diseased eyes.

A trial will convince any horse owner that this remedy absolutely cures defects of the eye, irrespective of the length of time the animal has been blind.

No matter how many doctors have tried and failed, use "VISIO" under our GUARANTEE.

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Wm. W. Wadsworth, Dept. 19, 1904 N. Dearborn Av., Chicago, Ill.



14 CENTS A ROD FOR A 24-INCH HOG FENCE
Send for Catalog Showing Many Styles All Sold on Trial
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LIVE STOCK



A well-to-do farmer was talking to this editor today about the scarcity of help and inasmuch as this man is operating a quarter section of land and making money a review of the conversation may give some suggestions of value to farmers who have a to get hired men.

This farmer told me that except during haying time he, with the aid of his wife and daughter, did all the work. I found that he accomplished this by well laid plans, with the aid of improved machinery, abundance of horse power and by growing no crops for sale. His is live stock farming. He keeps all the live stock the farm will carry—all he can grow the feed for. In these few lines his experience is stated what I have told farmers many, many times and in his statement lies the solution of the hired man problem for the small feeling of helplessness when not able farmer, and the secret of greater profit in farming.

Live stock farming means that a considerable portion of the farm must be in pasture. To those who are situated in the western two-thirds of Kansas, outside the clover and tame grass belt, this question of pasture becomes a somewhat serious problem, although there is a way of securing this pasture. This will concern those who have foolishly "broken out" all the prairie grass for wheat. The question of pasture for those farming in this belt will be discussed in another issue. To those who still have a prairie grass pasture KANSAS FARMER urges you to take good care of it. Mow off the weeds. Don't over stock it. Keep it just as thrifty as you can. Prairie grass is native to your section and not yet has a grass so well adapted to the climate and so dependable been discovered. Do not break out more virgin land for wheat. A strict account for a period of ten years will show little or no money made from wheat. Wheat farming is not permanent profitable agriculture. J. C. Thury, well known to me, who in the early days was the wheat king of Kansas, quit farming wheat a bankrupt; other wheat kings have quit in the same condition and there will be others. The farmer I talked with today points the way out.

On a quarter section should be 80 acres of pasture, the remaining 80 being tillable land can be farmed by one man and will produce the feed for cattle, horses, hogs, sheep and chickens. Cattle and horses will use the pasture. Four horses will do the work. Three heavy horses will do the farming and one light horse will do the running around for the family or in case of a pinch will make the fourth horse. If the fifth horse is required keep it. The farm horses should be brood mares, two rearing spring and two rearing fall colts.

This horse power will farm 80 acres easily. Use a two-row corn cultivator. It does the work of two one-row cultivators and saves a man. Use a riding lister for planting corn and Kafir corn. Hitch four good horses and "send 'em," as my father, a one-man farmer, would say. Use a riding drill for the seeding. Use a large harrow with a harrow cart to save your own legs. Horse power is cheaper than man power. Use a gang plow, too. This class of machinery on the farm with plenty of horse power will make the cultivation of 80 acres of land easy and the hired man will not be missed. With this you can take care of the planting and this is the way my farmer friend did it. I know other farmers who follow the same plan and know that it is feasible and practical.

Harvesting presents a little different situation. But this man's daughter or his wife drove the self binder when cutting the oats or the sorghum

or Kafir corn hay. This man grew no wheat, saying he could buy flour cheaper than grow it. The wife or daughter rode the binder under a sun shade. The farmer himself did the shocking. This took care of the grain harvesting. With the growing of grain crops for market out of the way the farm work is much simplified when labor is scarce. The grain farmer has his work all on with a rush. He is extremely busy a short time each year and a long period of comparative inactivity follows. The growing of crops for feed distributes the work and therein lies the possibility of forgetting about the hired man.

The alfalfa hay is cut by the wife or daughter driving the mower. Soon after starting the mower the stacking begins. When the hay is hauled to the barn it is loaded by a hay loading machine into a hay rack with sides. This kind of a hay rack saves a man. The farmer himself loads and one of the women folks drives the team. At the barn the women operate the hay fork and the farmer himself is in the hay mow. When stacked in the field in the hay shed the same force does the work. This way the alfalfa crop was taken care of this season as several other seasons when extra man labor could not be had.

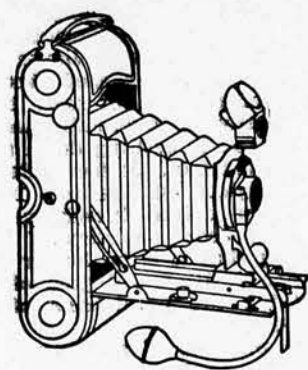
A few acres of Kafir corn or sorghum hay is grown each year to add variety to the rough feed and this being sown is bound with a wheat binder. This makes curing and hauling easy. The grain for feed aside from oats, is Kafir or Indian corn or both. Kafir corn is taking the preference because it can be gathered with a header attached to the side of the wagon box. This saves corn husking. The grain in the head is fed to hogs and the heads cut fed to calves and young cattle. For horses and dairy cows the heads are run through a feed grinder. Thrashing is unnecessary when Kafir corn is handled in this way. The oats are early cut and fed as oat hay and here thrashing is saved. A thrashing machine does not get on the farm.

A herd of twelve good milk cows comprise the business end of the cattle business. These cows average \$50 butter-fat sold per year. They are fresh in the fall and dry during the busiest season, say from early in July to about the middle of September. The women folks help with the milking and we know the barn must be kept in such condition that no sensible woman can be offended at helping with the milking.

The skim-milk rears the calves from these cows and each cow besides gives a litter of pigs a good start on the road to the pork barrel. The hog motto is this, the farmer said: "All the hogs we have skim-milk for and all the Kafir corn they need." I learned that \$1,200 to \$1,500 worth of hogs are marketed per year and this with \$600 worth of butter-fat per year causes 60 acres of wheat at 30 bushels per acre to look like 30 cents. This with the colts sold, the bunch of yearling steers sold, and the farm produce looks like good business on a quarter section and practically all the work done by the family.

When the planting and harvesting is done the stock is on pasture and the cows dry. The summer season is given over to preparation for the fall and winter and when this season of the year comes the live stock is ready to convert the feed of the summer's labor into the finished product and at the greatest profit.

I think the time will come when the cry "back to the farm" will find farm labor more easily obtainable. People must get away from the cities. There must be more producers. There will always be plenty of consumers. But, farm labor will not be



At Home with the KODAK

The Kodak pictures of the family, the home and the intimate friends are prized highest. The Kodak is a part of the home life, every change is recorded in picture form. The baby walking for the first time, the little lad starting off for his first day in school, grandfather nodding over his paper, are but a few examples of the home pictures.

"At Home with the Kodak" is an interesting booklet, telling of the joy of picture making at home and full of practical hints to picture makers everywhere. It explains just how easy it is to take good home pictures with the Kodak, and the simple method of developing the film the "all day daylight" way. It makes clear, too, how to get good flash-light pictures; the safe, sure way with the Eastman flash sheets. There are many home pictures you can get by flashlight which would be impossible in daylight.

This Booklet, illustrated by twenty-six home pictures, we will send free on request or it can be had by asking any Kodak dealer.

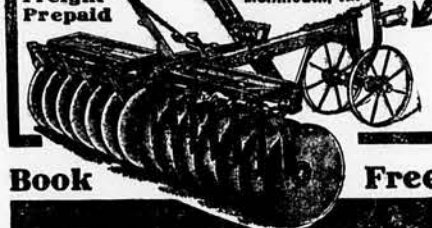
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plentiful within the next few years. Two or three years will enable a farmer to adopt the plan herein described. More choring, and a higher regard for what we may choose to call the "little things" will make the work easier, and rightly managed the labor more profitable. KANSAS FARMER has printed a series of articles on the profitability of the small farm. Our farms must of necessity become smaller. We must learn to live and make money from smaller farms. This may not worry some of us much now but it will worry our children and it will be well to teach them just a little about how to content themselves with smaller quarters.

A word also about the girls helping with the farm work. It will not hurt them. It will make them strong, healthful, clear headed and clean minded. It will make them better wives and better mothers. It will be the result of better men, better farmers and a better nation. The farm girl should have every reason to be proud that she is such and did and can help with the farm work. Her vocation is a hundred times more profitable and respectable than the positions in the cities open to office and factory girls. Every girl country born and bred will see the time that she can and should be proud of having milked the cows and slopped the hogs.

T. A. BORMAN.

The Kansas Stallion Law.

That the stallion law passed by the Legislature of 1909 was a long step in advance, there can be no question, but that it is all that is needed in the way of legislation on this subject is very doubtful. The records of the State Registration Board show that about one-half of the stallions in public service in Kansas are not pure bred. As the law only provides for an examination for soundness, and this only once in the life of the horse, and as it does not discriminate against the scrub stallion, a strong effort will be made to have this law corrected this winter.

In order that Kansas Farmer readers may be posted on the law as it now exists, and be able to suggest improvements to the Legislature we print the law in full.

Chapter 163, Laws of 1909.

Section 1. Every person, persons, firm, corporation, company or association standing or traveling any stallions in this state shall cause the name, description and pedigree of such stallion to be enrolled by the Live Stock Registry Board, said board to consist of the dean of agriculture, the head of the veterinary department and the head of the animal husbandry department of the Kansas State Agricultural College, and to procure a certificate of such enrollment from said board.

Sec. 2. In order to obtain a license certificate as herein provided, the owner of such stallion, whether pure-bred or cross-bred, shall file a certificate of the condition of soundness within one year from the date of publication of this act in the statute book, signed by the state veterinarian or a veterinarian duly authorized by him. Said certificate of soundness, together with a certified copy of the certificate of registry of the pedigree of said stallion and other necessary papers relating to his breeding and ownership, shall be forwarded to the State Live Stock Registry Board.

Sec. 3. The officers of the Live Stock Registry Board, whose duty it shall be to examine and pass upon the merits of each pedigree submitted, shall use as their standard the stud books and signatures of the duly authorized presidents and secretaries respectively of the various horse pedigree associations, societies or companies, recognized by the United States Department of Agriculture, Washington, D. C., and shall accept as pure-bred, and entitled to a license certificate as such, each stallion for which a correct pedigree registry certificate is furnished bearing the signature of the president and secretary of a government recognized and approved stud book.

Sec. 4. Every bill, poster or advertisement issued by the owner of any stallion enrolled under this act, or used by him for advertising such stallion, shall contain a correct copy of its certificate of enrollment.

Sec. 5. The license certificate for a stallion whose sire and dam are of pure breeding shall contain the following information: Certificate number, registration number, breed, color, owner and address, age, pedigree, statement of soundness by veterinarian, date of issue, seal and signature of dean of agriculture. The certificate for a grade or cross-bred stallion shall contain the following information: Certificate number, statement of breeding, color, owner and address, age, statement of soundness, date of issue, seal and signature of dean of agriculture.

Sec. 6. The owner of any stallion standing for public service in this state shall post and keep affixed, during the entire breeding season, copies of the license certificate of each stallion, issued under the provisions of this act, in a conspicuous place upon the main door leading into every stable or building where the said stallion stands for public service.

Sec. 7. A fee of two dollars shall be paid to the Live Stock Registry Board for the examination and enrollment of each pedigree and for the issuance of a license certificate in accordance with the breeding of the stallion, as above provided. The veterinary inspection as provided for in this act shall not exceed two dollars for each stallion inspected.

Sec. 8. Upon the transfer of the ownership of any stallion enrolled under the provisions of this act, the certificate of enrollment may be transferred by the State Live

Stock Registry Board upon submittal of satisfactory proof of such transfer and upon the payment of a fee of fifty cents.

Sec. 9. Any person, persons, firm, company, corporation or association who shall violate any of the provisions of this act shall be deemed guilty of a misdemeanor and upon conviction in any court of competent jurisdiction be punished by a fine of not less than ten dollars and not more than fifty dollars for each offense.

Sec. 10. Any stallion standing for public service that is not a pure-bred and registered horse must have conspicuously posted on the door of the stall in which he is kept in letters in black type not less than one inch in height a statement that such stallion is a grade or a cross-bred as the case may be.

Sec. 11. The funds accruing from the above-named fees shall be used by the State Live Stock Registry Board to defray the expenses of enrollment of pedigree and issuance of licenses, to publish reports or bulletins containing lists of stallions examined, to encourage the horse breeding interests of the state, to disseminate information pertaining to horse breeding, and for any other such purpose as may be necessary to carry out the purposes and enforce the provisions of this act. It shall be the duty of this board to make annual report, including financial statement, to the governor of the state, and all financial records of said board shall be open to inspection.

Sec. 12. This act shall take effect and be in force from and after its publication in the official state paper.
Approved March 11, 1909.
Published April 3, 1909.

In Old Mexico.

Northern Mexico is practically a wilderness; artesian wells may bring it under cultivation, but it will be a long, dreary wait. When you strike the rain belt of Mexico the country and climate are delightful. The western part of the state of Veracruz and eastern Oaxaca is the finest country I have ever seen; it is healthy, a lovely climate and a wonderfully fer-

tile soil. Bananas are one of the most profitable crops grown; they come into bearing about a year after being planted and yield a profit of from \$200 to \$300 per acre; and require very little attention. Tuxtepec is the center of the banana, sugar, rubber, tobacco and corn district and good land can be bought very cheap in that locality.

Stock raising is also a good business as in tropical Mexico you never have to feed the cattle, there being an abundance of pasture the whole year. You can now buy land at from \$10 to \$20 an acre, an acre of which will graze a steer the year through and keep it in a marketable condition.—Charles Franklin, Mexico.

"Sod-Bound" Lands.

Worn-out, run-down, "sod-bound" meadows and pastures are just as unproductive and unprofitable as worn-out, run-down, hide-bound horses. If you have any worn-out, run-down, unproductive meadows or pastures, reseed them with a disk drill early next spring. It will pay big dividends on the time, seed and labor. The best time to do this work is when the sod is wet, which is in the spring when the frost is leaving the ground. This plan increases the tonnage of hay and provides the best kind of forage for the stock at a time when "pasture is short." The majority of our old

pastures and meadows are "sod-bound," or "root-bound," and by using a good disk drill—one that is strictly up to date—the work of reseeding can be done to perfection. The Kentucky Disk Drill, manufactured by The American Seeding-Machine Co., Incorporated, Richmond, Ind., will do this work in the most excellent manner. The sod is relieved of its "bound" condition, and the seed placed underneath the sod where it belongs. In addition to this work, the Kentucky will sow all kinds of seed—from the largest to the smallest. The prospective purchaser can get a Kentucky Drill that will meet the seeding conditions in any grain growing section in the world. These drills are made in a large variety of styles and sizes—both plain grain and combined grain and fertilizer. Write the manufacturers for a copy of their Kentucky catalogue. After reading, go to your nearest implement dealer and insist on seeing the Kentucky Drill.

Doctors and other professional men receive large fees because of the skill and knowledge which they have obtained through large expense and long years of training. Is their skill and knowledge any greater than those of the farmer or have they cost more in time and money? Why begrudge the farmer a little profit on his large amount of brains, time and money?



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YOU can sell your 100-acre farm in the Middle West, and with one-third of the amount you receive for it buy a 100-acre farm in New York State which, intelligently cultivated, will raise as much as your present farm. In addition—

- (1st) Your Eastern market is at your door, and not at the end of many miles of transportation and middlemen.
- (2nd) You are within easy reach of modern cities and villages with every social advantage, and your children within easy reach of churches and the best schools and colleges in the world.
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Erieville, Madison Co., N. Y.

Population 4,000. Three miles from railroad station and post office. On R. F. D. and telephone line. 163 acres; 100 tillable, 12 wooded and 40 in pasture. Soil: gravelly loam. Water supplied by springs and trout brook. About 30 fruit trees. Good house, two barns, hen and hog house, also tenant house and barn. Reason for selling, old age. Price \$3,500; \$1,500 cash, balance on time.

Boonville, Oneida Co., N. Y.

Population 4,000. Three miles from railroad station and two and one-half miles from post office. 135 acres, of which 100 are tillable and 35 wooded. 50 acres in pasture. Kind of soil: sandy loam and slate. Water running in barn and front of house. Three and one-half acres fruit trees. Buildings in good condition. Price \$3,800, one-third cash, which includes 14 cows. Sugar orchard. Reason for selling, ill health.

Millerton, Dutchess Co., N. Y.

Population 1,000. One and one-half miles from railroad station and post office. 103 acres; 75 tillable, 20 wooded and 8 in pasture. Soil: limestone; water supplied by springs. 200 apple trees. Good ten-room house, cow and horse barn. Price \$3,000; half cash; including 10 cows, 2 horses, tools and machinery, \$3,500.

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Thoroughly convinced that the future prosperity of the American people lies in the adoption of modern methods of increasing farm production and the conserving of the fertility of the land, the

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have established two practical farms and opened a Farm Bureau, whose sole business is to encourage the return to Eastern opportunities of practical farmers.

Let us send you interesting information about the difference between farming in the East now and when you knew it. Write today for our booklet, "Farms for Sale or to Rent in New York State." This booklet gives location of farms, distance from New York City, population of nearest town, total number of acres, the acres tillable, acres wooded, character of soil and crop, kind of water supply, fruit trees, condition and size of buildings, price per acre, terms of payment and the name and address of owner or agent. Eight maps and many illustrations. Address: FARM BUREAU, Room 3088 Grand Central Terminal, New York.



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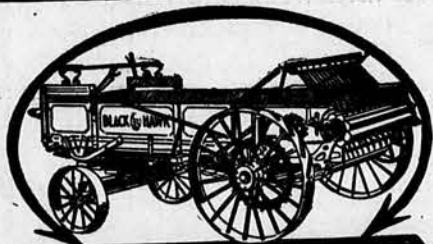
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On your buggy will keep you dry and warm, regardless of snow, rain, wind or cold. It will keep out every drop of rain, and no matter if it is zero weather, the heat of the body will keep the inside of the buggy as comfortable as your home. No foot warmers or extra robes necessary, and you are comfortable.

Notice the Large Window. It is 12x18 inches, made of tough transparent celluloid; the line pocket is 14 inches wide and so strongly reinforced by light metal that it cannot tear out or sag. This allows you perfect control of the horse, and you can open the "Blizzard" at either side and get in or out with ease, or you can pull on the strap on either side and jerk the front down on your lap in one pull; hence, it is called the "Safe Blizzard."

It is made of Gordon cloth, which is a double texture cloth, black on one side and tan on the other side, and being double texture it is ABSOLUTELY WATER AND WIND PROOF and is the finest cloth that can be used for "Blizzard Fronts."

When the "Blizzard" is not in use it can be folded up and put under the seat and is ready at any time. Sent by express on receipt of price, \$5.00; and we send it prepaid and your money will be refunded if not exactly as represented. Send for one; it's worth the price for one drive.

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DAIRY



The advantages of dairying as a business are not alone measured by the income per cow per year. The value of dairying lies very largely in the fact that it produces a steady income. Dairying makes it possible for the farmer to do business on a cash basis. It furnishes him with the money with which to pay his grocery bills while the cotton crop, the corn crop, and the steer crop, and the hog crop is growing. There is in this an advantage and a satisfaction which cannot be measured in dollars and cents.

Advantages lie also in the possibility of the energetic farmer improving his land and conserving its value as a result of his dairy operations. The value of manure on many farms is not known. As farms become older and virgin soil becomes exhausted, the value of manure can be very properly added to the income from the dairy.

The conservation of soil is promoted under general dairy farm operations. That is to say, that the feeds which best produce milk are those feeds which do not exhaust the soil. If the manure from the dairy is returned to the land, that if feeds for the maintenance of live stock are produced on the farm rather than grains for market, it is impossible to measure the value of such operations to the farm. It is possible to make every farm a better farm every year as a result of getting into the soil more fertility than the year before. This is a feature which cannot be measured in dollars and cents but is so inevitable and permanent as to show the man who keeps live stock on his farm the value thereof.

In considering cheap feeding and feeding for the best results, the silo must not be overlooked. The silo is growing in popularity year after year. It furnishes cheap feed and good feed. It is an easy solution to the feed question. One acre of corn stalks in the silo is worth five acres outside. The campaign in filling the silo is a little strenuous at times when hot winds are crowding, but it furnishes a source of storing feed which has not been excelled in any manner as yet. One hundred tons of silage in the silo can be housed in this form much cheaper indeed than can a hundred tons of hay in the mow.

Silage alone is not a complete feed but it is identical with the green corn stalk and during the season of dry feed supplies the cow with that succulence which nearly all other rations, excepting a ration involving alfalfa hay, do not have. Silage and alfalfa hay will make a balanced ration and cheap. Study the silo question. It is worth while. It is worth while whether you are milking a single cow or not. Horses, hogs, pigs and calves eat silage and thrive on it as well as does the dairy cow.

The time will come in this section, as in other sections, when general dairy operations will be very much improved as a result of necessity. Where communities have been forced into dairying on account of depletion of the land, it has taken years to again build up the fertility of the soil. On these rich Oklahoma farms let the conservation of fertility begin before the fertility shows signs of depleting. The dairy pays more money in proportion to the time given, it results in greater satisfaction to the farmer himself and more contentment and prosperity to himself and his family, than any other branch of general farm operations known to me.

The above paragraphs conclude those paragraphs taken from this editors' address before the Oklahoma Dairy Association and excerpts from which have filled these columns the past few weeks. The Oklahoma meeting was not so well attended as it

deserved. A good program was presented. Prof. Potts, of the Oklahoma Agricultural College, is the association secretary and made a talk on grading up the dairy herd. Dairy Inspector Holmes addressed the meeting and G. H. Fellier, assistant secretary of the American Association of Creamery Butter Makers, headquarters, Chicago, talked about silos and ensilage, and H. R. Wright, formerly dairy commissioner of Iowa, addressed the meeting on the advantages of dairying in general farm operations. J. E. Nissley, a former Kansas creamery man, is president. Mr. Nissley is not now in the creamery business but he is heart and soul wrapped up in Oklahoma's development along dairy lines.

John Fields, editor Oklahoma Farm Journal, addressed the association on alfalfa and cowpeas. His talk was worth a trip 500 miles to hear. Oklahoma has 210,540 acres of alfalfa and Fields says it should have ten times more. He is right. Any state which is successfully growing a patch of alfalfa here and there should fill up the gaps with alfalfa. The entire state, he claims, is adapted to its growth and while the acreage is extending each year the increase is not sufficiently rapid for the state's best interest.

If there is any state in the union which needs dairying and live stock farming, it is Oklahoma. The exclusive growing of wheat in certain sections is rapidly depleting the soil. Unless steps are taken to conserve and increase the soil fertility the farmers of these sections will be bankrupts and that not many years hence. In other sections cotton is the principal crop and what cotton has done for the Carolinas, Georgia and other states, it will do for Oklahoma. Without live stock and the feeds to support it and the manure placed back on the land, Oklahoma wealth of soil will in a much too short time be a thing of the past.

Oklahoma has for two years been unusually dry. The principal crops have not been good. But, from one end to the other roughage, sorghum, kaffir, corn etc., exists in liberal quantities but cared for as it has been is not good feed. Its growth, though, proves that Oklahoma need not be short of the very best of feed—silage for all kinds of live stock. The silo will be the saving grace of Oklahoma as of other similar sections. There is a good deal of interest in silos there and it would not surprise this editor to see more silos built in Oklahoma than in Kansas during the next five years.

Prospect for Dairying in Kansas.

Speaking of dairying in Kansas Prof. Reed, of Kansas Agricultural College, says the ever increasing cost of land also will help dairying in Kansas. It is not so easy to make beef as it used to be. A dairy cow will, in a year, make more food for humans than a beef cow in the same time and for practically the same amount put in. And then at the end of the year the dairyman still has the machine that did the work.

The dairy industry is coming West. Kansas is in better condition for the industry than it ever has been. The state has the alfalfa and corn necessary for silage.

Increased Oleomargarine Consumption.

The production of oleomargarine increased from 92,282,815 pounds in 1909 to 139,755,426 pounds in 1910. Of this latter amount 3,491,978 pounds were taxed at ten cents per pound. It will thus be noted that over 97 per cent of all the oleomargarine manufactured during the last fiscal year was taxed at only one-fourth cent per pound. These figures are issued by the federal internal revenue commissioner and are authentic.

They clearly demonstrate the fact that the oleomargarine business is not working under such a burden as many people think. People have heard so much about the ten cent tax on artificially colored oleomargarine that they naturally associated this tax with all oleomargarine.

As a matter of fact less than three per cent of the total product is taxed at ten cents per pound, the remainder being taxed only a quarter of a cent per pound.

An effort will probably be made by the oleomargarine manufacturers to secure the repeal of the ten cent tax at the present session of Congress. These statistics indicate that the claims advanced that the present law is a "burden upon the poor man because it taxes his butter ten cents per pound" is not founded upon fact.

Cream Industry in Southwest Kansas.

Probably not more than three of every five Kansas people could place their finger on the town of Santa Fe on the Kansas map. It is in the extreme southwest corner of the state and many people think that's the jumping off place. But, people are getting rich out there and one of the mainstays of that section is the sale of cream. Here is what the Santa Fe Monitor, a weekly newspaper says:

The cream industry has been one of the greatest helps to our people of anything in recent years. It has put many thousands of dollars into the county in the past year and has given many of our farmers a regular income, who otherwise would have had very little if any money coming in. Nearly all will increase the number of cows milked the coming year.

Fred Lindeman milked twelve or thirteen cows last summer and they brought him between \$40 and \$50 a month. The coming summer he expects to milk about forty cows, and will put in a gasoline engine to run his pump and cream separator. His income from that number of cows should be about \$125 per month.

A combination of this kind together with a few good brood mares, four or five hundred chickens, and the scientific farming of 160 acres or such a matter and our farmers will have a snap that will beat a national bank. It is a key to greater prosperity and there isn't a farmer in the county but what can work up to it.

Loss From Poor Running Separator.

A cream separator which vibrates or runs unsteadily is the greatest cause of loss of fat of any factor in separation. A poorly running separator cannot fail to lose you money. Butter fat is too valuable to be lost through your separator being in poor condition.

Taking 4,500 pounds of milk as the yearly production per cow, the following table shows the money lost in the skim milk at the several percentages of loss, if the butter fat is worth 25 cents per pound.

Number of cows.....	500 lbs. of 1 per cent.....	1-10th of 1 per cent.....	2-10ths of 1 per cent.....
4. Loss.....	\$2.00	\$ 4.00	\$ 8.00
5. Loss.....	2.50	5.00	10.00
6. Loss.....	3.00	6.00	12.00
7. Loss.....	3.50	7.00	14.00
8. Loss.....	4.00	8.00	16.00
9. Loss.....	4.50	9.00	18.00
10. Loss.....	5.00	10.00	20.00
11. Loss.....	5.50	11.00	22.00
12. Loss.....	6.00	12.00	24.00

The third column equals from 4 per cent to 12 per cent interest on a \$50 separator investment; the fourth, 8 per cent to 24 per cent.

Either keep your separator in proper repair and then operate it properly, or a new separator would be a good investment. One-fifth of the loss found in the first column above would represent very good work, and the loss shown in the first column above should not be exceeded.

Dairy Special Prizes.

Just before the Kansas Agricultural College had its recent Dairy Special over the southwestern lines of the Santa Fe announcement was made by the college that three prizes would be given for the best essays written by high school or grammar school students who might attend the lectures. This announcement was sent to every school superintendent and school principal in the towns and villages and cities along the whole itinerary. In more than thirty vil-

lages and towns there was a goodly delegation of high school students who came with no books and with minds alert to listen to the lectures by the college speakers.

The plan contemplated that the superintendent or principal should pass upon the essays submitted to him and send to the college the best of those submitted from that community. Essays were sent in from about twenty towns and the committee on awards has finished its work and prizes are now announced as follows: First prize, \$5 cash, to Mr. Robert Ingle, Harper, Kan.; second prize, \$3, to Mr. Lowell Mason, Mulvane, Kan.; third prize, \$2, to Mr. Will Scheufler, Great Bend, Kan.

Altogether the number of pupils from the schools who heard the lectures aggregated about seven hundred and in every case there was a very decided interest and it is believed that much good will come from this effort to present the subject of dairying to the students of the high schools and the village schools of southwestern Kansas.

Water for the Dairy Cow.

It is very important that the water drunk by the cows giving three or more gallons of milk daily be warmed to about 60 degrees F. Otherwise the cows will not drink as much as they need to keep up a good milk flow. It does not take much ice water to chill a thin-fleshed dairy cow through and through on a cold winter day, especially when she is compelled to walk some distance through the snow or a cutting wind to get to the tank or pond.

Experiments made at the Missouri Station show that drinking water is needed in proportion to the milk yield. That is, a cow giving six gallons of milk a day, needs about twice as much water as a cow giving three gallons a day. If the water is too cold to be comfortable if drunk in large quantities, the cow will not drink enough and as a result, will drop considerably in her milk yield.

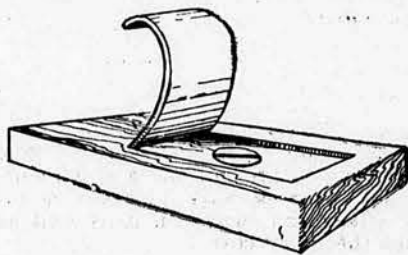
When Missouri Chief Josephine was giving about 100 pounds of milk each day last winter she drank daily about 31 gallons of water. Imagine how she would have suffered if that had been ice water. It was warmed, however, and Josephine did not chill after drinking.

A good tank heater, or some other device should be used this winter to warm the water for the cows. It will pay.

How It Is Done.

The handy man about the house finds that he can save many a dollar and much delay if he keeps a few tools and does odd jobs as opportunity offers. Not always being a professional mechanic he finds there are many little tricks of the trade which would help him if he knew them. Here is one of them.

Many times it becomes necessary to repair furniture or even the door



or window casings, where a screw or nail would be unsightly and yet where it is necessary to repair and strengthen the part. By taking a sharp chisel and cutting a shaving as shown in the cut, the nail or screw can then be driven home and the shaving replaced with the aid of glue so that no mark will be left to mar the surface.

It is perhaps unnecessary to state that the shaving must be taken with the grain of the wood. A knowledge of this little trick will enable one to do many jobs of repairing and leave the furniture or buggy in as good shape as before.

The light weight pocketbook has no friends. If the pocketbook is empty it stirs the owner to double exertions and so may prove a real friend in need. If the pocketbook is full it assures comfort and this always means friend. If the pocketbook is neither full nor empty it does not assure comfort nor does it spur to activity. It is friendless.

The Best Separator Today

is the

U. S. Cream Separator

You do not care who invented the Cream Separator. You want to know which is the **best separator today.**

The **United States Separator** has demonstrated its absolute and complete superiority over all other Separators. It holds the **world's record** for closest skimming, in fifty consecutive tests, continuing through a period of thirty days, with the milk of ten different breeds of cows. It was awarded the only **Grand Prize** at Seattle, 1909.

Cream skimmed by the **United States Separator** is used by 99.88 per cent. of all creameries. They can't get enough U. S. Cream. We originated and perfected the cream gathering system which has put whole milk factory separation out of business. Not 10 per cent. of the **whole milk factories**—of which a "would-be-competitor" claims a monopoly—that were in operation 10 years ago, are running today.

Closest skimming, easiest running, easiest to wash, longest lived—these are the chief reasons why the U. S. is the best separator of today. Don't buy any separator until you have sent for catalog.

Vermont Farm Machine Co., Bellows Falls, Vt.



A Size
for Every
Man's Needs

Once Is Enough To Buy a Cream Separator—

If you have never owned a separator, let your first machine be your last. Don't buy carelessly or buy only on price and then find that you need and want a really good machine.

If you have an unsatisfactory, or worn out separator, let your next one be a lifetime investment. You will not be genuinely satisfied, you will not be making the dairy money you could, you will not be producing the finest dairy products with the least work, until you get a Great Western Cream Separator.

Don't waste money on other machines to find this out. Let others experiment—you be sure from the start. Decide now to investigate and test.

The GREAT WESTERN

On Free Trial—5-Year Guarantee

Thousands have written us of their experience with other machines before they got a Great Western. Send for our book and read the letters.

Read our Free Trial Offer—any kind of arrangement you say. Read our guarantee—not for 1 or 2 years, but for 5 years, backed by \$1,000,000.00.

Cow owners who want all the cream, highest quality cream, least work, the biggest profits for the longest term of years, come to the Great Western Separator sooner or later.

It is the **only** separator with a skimming system that follows nature's laws—the milk sinks, the cream rises. The **only** separator that will skim cold milk clean, with the **only** close skimming, easy turning bowl that is kept perfectly clean without effort. Imported ball bearings throughout and more accurate adjustments than used in many watches make the Great Western easier for a boy or girl to turn than for a man to turn any other separator. Low tank and low gears, with high crank, mean greatest convenience, least vibration, velvety cream and longest wear without repairs.

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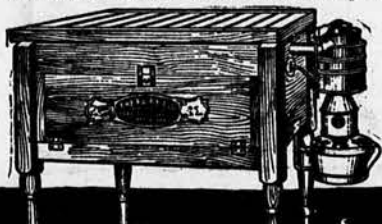
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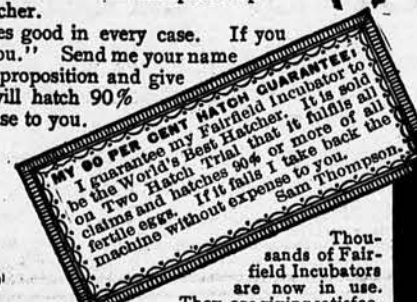
Those are strong claims but the Fairfield makes good in every case. If you are from Missouri give me a chance to "show you." Send me your name and address. I will make you a two hatch trial proposition and give you an iron-clad guarantee that my Fairfield will hatch 90% or better or take back the machine without expense to you.



My 2 Hatch Trial Offer:

Try before you buy. That's my way of acquainting you with my Fairfield. It's the fairest, squarest way I know. My Fairfield must hold up its reputation. It must sell itself. It must prove by actual test that it's just as I claim. I am so sure of my Fairfield that I will gladly ship it to you for a two hatch trial, freight prepaid. When it arrives examine it; inspect every part of it. Fill it with eggs and watch it work. When the first hatch is done make another. Then let the results decide whether you want to keep the machine or not. If it's not satisfactory ship it back and I will pay freight. That's fair to you in every way. It's the safest and surest way to get the incubator you want. Write for catalog and full particulars today.

Sam Thompson,
Pres. Nebraska
Incubator Co.,
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Thousands of Fairfield incubators are now in use. They are giving satisfaction in every way. Many State Institutions are using Fairfield exclusively. Big poultry raisers have thrown out their other machines. My Fairfield is built of California Redwood. Has large, roomy egg chamber, perfect ventilation and a heating system that guarantees even temperature. Free catalog gives full description.

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It's a great big book. Full of interesting facts from cover to cover. Tells about the Fairfield incubators and brooders. Contains helpful hints to poultry raisers. How to prevent and cure chicken diseases. What and how to feed. Has many colored pictures of poultry scenes, etc. It is the finest, most complete book ever published for free distribution. Any book seller would charge you at least \$1.00 for a work containing the information my book does. To read it will be the best time you ever put in. Write for it today, get my incubator proposition before you buy any machine.

POULTRY



If your hens are not laying these days, the best stimulus you can give them is fresh ground bone or meat. It is better than all the egg laying compounds ever made.

Plenty of clean, dry litter in the scratching shed is essential if you would keep the hens busy and expect lots of eggs.

An occasional feed of chopped onions will be very acceptable to the chickens now that they are confined to their houses. They would also like a head of cabbage hung up in their pen where they can peck at it.

In order to do well in confinement fowls need a variety of food. They require a mixture of green foods with grains, quite as much as cattle or horses. Too much solid food, when there is no exercise to work it off, tends to too much fat.

A variety of feed does not necessarily mean that you must have a great many kinds of food, but that you should not feed the same kind at every meal. A little sunflower seed among other grain is a great appetizer.

H. A. Thomas, of Scranton, an expert poultryman of many years' standing, told us the other day of a sure cure for poultry diarrhea and other stomach troubles. He takes coal ashes and mixes several handfuls in the fowls' drinking water. He says it will cure both old and young chicks almost immediately after drinking. If they are too weak to drink by themselves, pour the mixture down their throats. He also says that if coal ashes are scattered freely around the poultry house and roosts, you will never be troubled with chicken lice. This is a very simple remedy and handy to most everybody, and it cannot possibly do any harm. Try it.

A reader inquires as to the value of sunflower seed for chicken feed. It is a valuable addition to the ration of the fowl, having lots of oil in its composition but it is too dear in price to feed in any great quantities. It retails at five cents per pound and that is altogether too much for chicken feed. A little of it, however, makes the other feed more palatable and is greatly relished by the hens. Experts say that it adds luster to the plumage of the fowls and is therefore especially valuable when conditioning fowls for the poultry shows.

An inquirer asks for a remedy for limber neck in chickens. We do not believe there is any remedy that would prove effective after the chicken gets into a helpless state. The disease is said to be caused by the fowls eating putrid flesh, so the preventive would be to look around for any dead animals or dead chickens that the fowls may be eating, and burn or bury what is left. Limber neck is a muscular disease caused by eating putrid meat or other decaying matter. It is said that if the craw of a limber necked chicken should be cut open, that it would be found to contain a number of live maggots, with very strong and flexible points, suitable for boring. These bore into the muscles and vitals of the chicken, causing it to lose all control of its muscles, and so the head falls to one side, which gives it the name of limber neck, and after struggling awhile it dies.

While attending a poultry show, a person occasionally takes a fancy to a different variety of fowls to what he has been breeding, and changes his breed and plans almost entirely. This may be all right, if he has carefully studied the matter, and his fancy is not the result of a whim. There is nothing to be gained by a constant changing of varieties. Success will come quicker and surer by suiting your own individual taste in regard to shape and color in selecting

a breed. The main reason for this is that one will be more interested in the work and will give it deeper study and closer attention. But to change one variety of fowls for another of entirely different shape and color involves starting over again. The secret of the entire matter is to breed the highest quality of stock and to raise birds that can win at the large shows. If you do this, your success is assured and you can get almost any price for stock and eggs, no matter what variety of fowls you are breeding. You can make a success of any breed, if you put enough energy to it.

Poultry and Fruit.

That poultry and fruit on a small farm will do well together, is well understood and the following article of Mr. E. R. Bennett, of the Colorado Agricultural College, explains the advantages of the two industries on one farm. What is true of Colorado is also true of Kansas.

The fruit industry in Colorado has become one of the leading industries, and has probably given Colorado as much renown as any output of the state. There is no question but that the industry is destined to become much greater in the future than it is at present. So far, however, the fruit growing industry has been a particularly specialized business. In most of the districts where fruit is grown, the grower devotes himself almost exclusively to fruit work.

This is largely the opposite of the work in the eastern states. In Michigan, for example, where general farming is the rule, each farm has its fruit tract, composed of apple, pear, cherry, plum, and, in most instances, the small fruits, such as raspberries, blackberries, strawberries, etc.

There is a large part of Colorado that is probably not adapted to commercial fruit growing. On the other hand, there are very few places in the state where sufficient fruit for home use cannot be grown.

Poultry raising is becoming more and more popular. A large part of the people, in the smaller towns particularly, keep from a dozen to fifty or one hundred hens. In most cases these are allowed to run in pens or in a lot that is practically free from vegetation. Often these poultry pens are enclosed by high board fences or buildings. These conditions give the very best opportunities for growing a few fruit trees, to the mutual benefit of the grower and the poultry.

We have seen this combination in the east carried to a point where the poultry took the place of spraying for codling moth and other insects of that character. The place in mind was handled so that the poultry not only disposed of all fallen fruit, but consumed so large a percentage of the insects that the number of wormy fruits was less than in many well sprayed orchards.

It would seem to the writer that the city lot of ordinary dimensions, and particularly the small farm or village place, might be wonderfully improved by planting the poultry yard to either the varieties of apples adapted to the climate, or to cherries and plums. In some places peaches may be used. If this is to be done, the trees should be headed somewhat higher than is usually done in Colorado orchard practice. For the benefit of the poultry the ground should be occasionally worked over, and this is also of advantage to the fruit trees. The droppings of the birds will also provide the fertility that trees in most places need. This, of course, may be carried to excess where the poultry run is small, resulting in too vigorous wood growth. This, however, is not often the case. In fact, for the plains country, and places where the climate is not well adapted to fruit growing, it will be found that fine fruit may be grown in this way, where otherwise it would be practically useless to attempt fruit growing.

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The Mandy Lee
is the only incubator that has it. Open-front poultry house plan. Openings through the door, not above or below, but at the eggs (see above), admit life-giving oxygen and draw off gases from the hatching eggs. Greatest feature of a many-featured machine. With a Mandy Lee you guess at nothing—measure moisture as you measure heat. Simply follow directions. New lamp-heated and regulated brooder, direct contact heat. Send for free catalog to-day.
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SHOENAKER'S BOOK ON POULTRY
and Almanac for 1911 has 224 pages with many colored plates of fowls true to life. It tells all about chickens, their prices, their care, diseases and remedies. All about incubators, their prices and their operation. All about poultry houses and how to build them. It's an encyclopedia of chickendom. You need it. Only 15c.
C. C. SHOENAKER, Box 599, Freeport, Ill.

\$80 Per Month Straight salary and expenses, to men with rig, to introduce our Poultry Remedies. Don't answer unless you mean business. **EUREKA POULTRY FOOD MFG. CO.,** Dept. 120, East St. Louis, Ill.

\$7.55 Buys Best 140-Egg Incubator
Double cases all over; best copper tank; nursery, self-regulating. Best 140-chick hot-water Brooder, \$4.85. Both ordered together, \$11.50. Freight prepaid (E. of Rockies). No machines at any price are better. Satisfaction guaranteed. Write for book today or send price now and save waiting.
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140 EGG INCUBATOR and 140 CHICK BROODER
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If ordered together we send both for \$10. Freight paid east of Rockies. Hot water, copper tanks, double walls, double glass doors. Free catalog describes them. Send for it today.
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profits. Prevent it. Use Walker's Roup and Cholera Remedy. A sure cure for roup. A reliable preventive and tonic. If you don't find it the best general poultry remedy you ever used, your money back. Send 5c for a box postpaid. Get free book "Poultry Troubles."
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BEEKEEPING its pleasures and profits, is the theme of that excellent and handsomely illustrated magazine, **GLEANINGS IN BEE CULTURE.** We send it for six months on trial for 25 cents, and also send free a 64-page book on bees and our bee supply catalog to all who name this paper. **THE A. I. ROOT CO.,** Box 62, Medina, Ohio.

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A subscriber writes to know where he can buy Golden Wyandotte cockerels. Address Desk B, **KANSAS FARMER.**

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SEVERAL BREEDS.

PRIZE WINNING MOTTLED ANCONAS. Eggs: \$1.50 and \$2 per 15 or \$4 per 100. W. H. Hardman, Frankfort, Kan.

NEOSHO POULTRY YARDS—Rose Comb R. I. Reds. A few good cockerels for sale. Prices reasonable. J. W. Swartz, Americus, Kan.

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CHOICE GOLDEN WYANDOTTE COCK- erels \$1 each. J. J. Croddy, Circleville, Kan.

PARTIDGE WYANDOTTES FOR SALE. Four cocks and 15 cockerels; prize winning stock. Write S. S. Jackson, Scranton, Kan.

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COLUMBIAN WYANDOTTES—The Show-iest all-year layers. Eggs \$1.50 and \$3 per 15. Fine utility stock for sale. F. M. Wells, 5900 Harrison, Kansas City, Mo.

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BUFF PLYMOUTH ROCKS FOR SALE. A. R. Olmstead, R. 1, Lawrence, Kan.

BARRED ROCKS, PURE BRED, BOTH matings, \$2 to \$3. W. H. Molyneux, Palmer, Kan.

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FOR SALE—A FINE LOT OF PURE- bred Barred Rock cockerels at \$1.50 each if sold soon. J. L. Yordy, Tescott, Kan.

SINGLE COMB BUFF ORPINGTONS— 40 fine cockerels, \$1 to \$5 each; eggs in season. Mrs. S. T. White, Rose, Kan.

WAGNER'S BARRED ROCKS, FARM raised; old and young; single, pairs, trios, pens, or in large numbers. Write for particulars. Mrs. E. C. Wagner, Holton, Kan.

BUFF PLYMOUTH ROCK COCKERELS. Good breeding cockerels \$3 each, 2 for \$5, while they last. They are good value. C. R. Baker, Box F, Abilene, Kan.

25 WHITE PLYMOUTH ROCK HENS, cockerels and pullets; Johnson and Owen strains; priced to move them; also Pekin ducks and drakes. L. T. Spellman, Paola, Kan.

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SINGLE C. BUFF ORPINGTON COCKE- rls \$2.50 and \$2 each from good laying strains. E. E. Goldberry, Lancaster, Mo.

SINGLE COMB BUFF ORPINGTON PUL- lets \$2 each. Rose Comb Buff Orpington cockerels \$2 and \$3 each. Fannie Benzenberger, Greeley, Kan.

BUFF ORPINGTONS—25 GRAND COCK- erels and mated breeding pens from trap-nested prize winning heavy layers. All described in my poultry book sent for 10c. W. H. Maxwell, R. 95, Topoka, Kan.

400 SINGLE COMB BUFF ORPINGTON cockerels and pullets from my utility flock for sale; also some that score from 90 to 94. A few S. C. Brown Leghorn females at \$10 a dozen. Eggs in season. G. F. Koch, Jr., Ellinwood, Kan.

BUFF ORPINGTON COCKERELS \$1.00. M. Spooner, Wakefield, Kan.

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R. C. BROWN AND R. C. WHITE LEG- horn cockerels and M. B. turkeys; all fine stock; satisfaction guaranteed. Address W. M. Eagle, Melvern, Osage county, Kan.

ROSE COMB BROWN LEGHORN COCK- erels from pen headed by first prize-winning cockerel at Buffalo, N. Y.; also fine pullet mating cockerels from pen of high-scoring females; also utility cockerels. Write your wants. Mrs. John Holzhay, Bendena, Kan.

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FINE LARGE PARTIDGE COCHIN cockerels \$2 and up. Mrs. John H. Long, Blue Mound, Kan.

LANGSHANS.

BLACK LANGSHANS—WRITE ME FOR prices. Mrs. D. C. Poole, McDonald, Kan.

BLACK LANGSHANS—FROM HIGH- scoring stock. Write me for prices. Mrs. D. A. Swank, Blue Mound, Kan.

BLACK LANGSHAN COCKERELS FOR sale; \$1.50 each; eggs in season. H. C. Cohoe, R. 2, Buffalo, Kan.

FOUR HUNDRED FARM RAISED BLACK Langshan cockerels and pullets from our Iowa State Show winners. They have bred B. L.'s exclusively for 25 years. They must be sold by Feb. 1. U. S. Grant, Brooklyn, Ia.

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BUFF TURKEYS FOR SALE. A. C. Green & Sons, Winchester, Ind.

LARGE WHITE HOLLAND TURKEYS for sale. J. L. Carmean, Neosho Falls, Kan.

MAMMOTH BRONZE TURKEY TOMS \$5, hens \$3. F. M. Brown, Onaga, Kan.

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MAMMOTH BRONZE TURKEYS; SOME from a 45-lb. tom. Mrs. Philip Spohn, Inman, Kan.

BOURBON RED TURKEYS FROM MIS- souri and Kentucky stock; the finest and largest I have ever seen. About one-third of flock not related. They will sure please you. Send orders quick. Gobblers \$5 and hens \$4 each. D. W. Stone, Medicine Lodge, Kan.

What Constitutes a Good Ration.

A good ration must contain the feed nutrients necessary for the support of the body and the production of the desired product, whether it be meat or eggs. It must also supply these in a form which is palatable or which is relished by the hens, and must be derived from products which are not too high in price.

In addition to the ration which will fill these conditions, it is necessary to have a good supply of green feed for the hens, which serves a double value. In addition to its food value, must be added the benefit it gives in keeping the fowls in good health, thereby enabling them to get the best results from the more concentrated part of the ration.

This is especially true where corn supplies the larger part of the ration, as it does in many cases, especially on the farm.

In most places in this state the condition of high-priced feeds and a limited variety has to be met.

Corn can be had everywhere and hens relish it as well as any other grain, but it is not a good exclusive feed for any animal. It is true that on many farms practically nothing else is fed to the poultry and they get along and at some seasons give a fairly good supply of eggs. The eggs generally come at the season of the year when the hens can find a great deal of their feed in the fields.

Wheat is not generally as available as corn and is usually higher in price. It is well liked by fowls and is, perhaps, the best grain for poultry feed if one is confined to one kind. It is especially good for warm weather, as it does not contain as much of the heating materials as corn.

When it can be secured at a price which permits of its being used for poultry feed we like to feed wheat for one-third of the grain ration during winter and increase the proportion as the weather gets warmer till we feed two-thirds wheat and one-third corn.

We have confined our grain ration to corn and wheat because they are the only grains that can be secured regularly. Marketable wheat can not always be used because the price is often too high. When this condition arises, substitution of wheat screenings for wheat is made.

Oats are not often fed, as the price is generally higher than can be afforded. When they can be had at a cent and a half a pound they may be used to advantage. They are not as well liked by the fowls as either corn or wheat, and fowls that have not been accustomed to them do not eat them freely if supplied in a mixture of grains. Crushed or ground and fed in the mash they are eaten quite readily, and it is usually preferred to feed them in this way.

Corn and wheat make up by far the largest part of our feeding stuffs, as not only were the fowls fed these two grains whole, but in most of the rations corn meal and wheat bran form the base of the mash.

The variation in the ration was made in the products used to supply protein and ash. For this purpose meat meal, cottonseed meal, and bone meal were used.

The meat meal used was guaranteed to contain 85 per cent protein and 7 per cent fat. Analysis showed that it went slightly over these figures.

This was a very concentrated meal, carrying nearly as much protein as dried blood.

The cottonseed meal used was the regular meal sold for fertilizing and feeding purposes and which under the state law must contain 7.5 per cent ammonia or 38.58 per cent protein.

The bone meal contained: Phosphoric acid, 20.22 per cent; lime, 23 per cent; protein, 26.47 per cent.

It was used primarily for the phosphoric acid and lime which it contained, but the analysis showed that it also carried considerable protein.

In all feeding experiments, an effort has been made to keep the rations as simple as possible and to use only products that the farmer raises or can obtain on the local market.

Rations which necessitate the buying of half a dozen different products may be good, but there is not much likelihood of the farmer using them on account of the trouble in getting the different ingredients.—N. C. Experiment Station.

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Freight Prepaid

Which will you try, 30 Days' Free or 90 Days' Approval Test?
—Any capacity from 200 to 950 pounds per hour, according to your needs, and I'll leave you from \$25.00 to \$50.00 on the price.
—The only Separator whose gearing runs in a "Bath of Oil" like a \$5,000 automobile—Feature worth \$50.00 alone.
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—Dust-proof—Danger-proof—All gears enclosed—simple but standard built and absolutely dependable.

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WM. GALLOWAY COMPANY
323 Galloway St., Winfield, Ia.

PLANT CATALPA SPECIOSA

IT PAYS \$30 TO \$50 PER ACRE, PER YEAR.

IT IS A SURE CROP. It is the best forest tree to plant because it makes quick growth, and is a fine hardwood.



But only the Genuine Catalpa Speciosa will do this. The common scrub kind, seen in so many places, is worthless. The two pictures here are drawn from real life. The common kind makes only an indifferent shade. The genuine makes fence posts, telephone poles, bridge piers and lumber in a few years—lumber equal to oak and mahogany for many uses.

An acre of Catalpa fence posts is worth \$150 to \$250. It takes only four years for fence posts—six years for telephone poles. Catalpa posts outlast all others in the ground. They don't split or let loose of nails or staples.

Catalpa will grow anywhere in the corn belt. No trouble to get it started, or to cultivate and keep growing. We tell you how to do it.

Send For Our Free Bulletin of Information

This Bulletin tells how we grow our ONE MILLION CATALPA TREES. (We are the largest growers of Catalpa Speciosa in America.) It also tells how other growers in Kansas are making from \$30 to \$50 net per year from each acre they have. Some Kansas growers have 400 acres, and have had large incomes for ten years. You are "looking out for No. 1." You ought to do that. Send for our Free Bulletin right now. Costs only a post card.

WINFIELD NURSERY CO., Winfield, Kan.

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1500 Plymouth Rocks, 1600 Wyandottes, 2000 Leghorns, Orpingtons, Reds and other leading varieties, cockerels and pullets. Am making prices to sell breeders and show stock. We have five times more poultry than any other breeder in the West, prices satisfactory and satisfaction guaranteed. Send for description circular.

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LAND OUR NATURAL WEALTH

"Buy land and cultivate it. Protect the soil and handle it intelligently—and you have a mine that no man can exhaust—quite unlike other mines."

This is the advice which James J. Hill, financier, railroad builder and business executive gives to the men and women of the United States.

Here is a man who manipulates the wealth of cities but who points a prophet finger toward the undeveloped wealth of the country.

Pickering, Vernon Parish, Louisiana, has more natural assets than any other land section for sale in America today.

These are: The healthy, high altitude of an upland parish; an abundance of clear, running streams and the absence of stagnant water; the natural grasses which offer forage for stock of all kinds at all seasons of the year; the vast number of varied products which the fertile soil and favorable climate of the protected Gulf Coast region produces.

Also, an annual rain fall of from 45 to 50 inches, so distributed as to be especially favorable for crop productions throughout a long growing season. All the fuel you can use, for the hauling—and lumber for building at wholesale mill prices.

This is a true wonderland where anything that man needs can be made to grow and where many of the city luxuries are native.

Fruits, nuts, grains, forage and cotton grown in this section are second to none. The truck growing industry has here the opportunity of a constant season, two and three crops, a near and ready market and excellent transportation facility.

This is not an untried experiment. The land offered for sale by the Piveland Manufacturing Company is proved land as shown by the Grannis Plantation, which is the "Demonstration farm" of this Company.

The titles to all land are good and guaranteed. The price for an acre is but \$15 now and the terms will be satisfactory to you.

Here is a great natural opportunity, and there will never be another such crop of good, cheap land in the United States. For Free booklet write to

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BLACK LANGSHANS—WE HAVE THE grandest bunch of cockerels we ever raised, bred from prize winners; all cockerels accred; score cards furnished. We have the shape, size, deep, glossy, greenish-black color; \$2 up. Haynes Farms, Grantville, Kan.

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ROCKS—Barred, Buff, White; S. C. Buff Orpingtons; Big Buff Cochins; R. C. Rhode Island Reds; White Wyandottes, Brown Leghorns. Each breed on separate farm. Birds, Eggs, Baby Chicks. Safe delivery guaranteed. Write for prices.



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A postal request will get it.
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COUNTRY PRODUCE WANTED.

Ship us your Poultry and Eggs. Highest market prices paid in cash. No delay in returns. Make us a trial shipment. Write for free shipping tags.
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(EXCLUSIVELY.)

For 13 years I have bred White Rocks, the best of all purpose fowls, and have some fine specimens of the breed. I sell eggs at a reasonable price. \$2.00 for 15, or \$5.00 per 45, and I prepay expressage to any point in the United States.

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SEEDS BEST IN QUALITY LOWEST IN PRICE

THE SHENANDOAH PURE SEED COMPANY wants every Farmer, Corn grower, Garden-truck grower and ALL WHO PLANT OR SOW to have their new Seed Catalog, **IT'S FREE TO ALL WHO WANT PURE SEEDS.** It was written by a practical farmer, Seed grower and Seedsmen of FIFTY YEARS ACTUAL EXPERIENCE. It's helpful, useful and beneficial to all. **PURE SEEDS SAVED YOU TROUBLE AND MAKES YOU MONEY.** Poor seeds bring disappointment, poverty and distress. **OUR SEED BOOK** tells all about it. **IT IS FREE.** Write for it today. Address: **THE SHENANDOAH PURE SEED COMPANY, Shenandoah, Iowa.**

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Test it any way you please for ten days, and if not perfectly satisfactory, return it at our expense and money will be refunded. We are the largest seed corn firm in the world. Two mammoth seed houses. Select all our seed early and dry with furnace heat and air blasts. 50,000 bushels of pure bred seed corn—the very highest yielding varieties only. Each ear examined before shelling or crating. Grow all our seed at home, on best soil in United States for maturing seed corn. Ship in ear or shelled. Write today for our beautifully illustrated corn book. It is free. It tells you how to grow a bumper crop of corn. **THE G. D. SUTTON CO., Dept. 3, Mason City, Ill., U. S. A.**



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All kinds Farm, Garden and Flower Seed to select from. Best quality fruit trees, large bearers, grafted stock, not seedlings. Apple 4c, Peach 6c, Plum 15c, Cherry 12c, Concord Grapes \$2.50 per 100. Forest tree seedlings \$1.25 per 1000 up. We pay the freight on all orders nursery stock.

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We celebrate our 25th Anniversary in the Tree and Seed business this year by offering our customers Anniversary Collections. Send your name and address to-day for list of Collections and 25th Anniversary Garden Book, 136 pages; also Free packet "Incomparable Lettuce."

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TREES You can save from 25 to 50 Per Cent—

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Our Choice Iowa Seeds are backed by a reputation of 46 years. Largest establishment in the West. 8500 acres in seed growing, 14 departments in charge of experts. All the best novelties, standard varieties of Garden and Farm Seeds, Plants, Bulbs, Nursery Stock, Poultry Supplies, etc. Ask for a copy of our large, handsomely illustrated catalogue. **Iowa Seed Co., Dept. 40 Des Moines, Iowa**

Greenwood County Nursery

We have for spring delivery apple, pear, cherry, plum and peach trees, grape vines, berry plants, rhubarb and asparagus, catalpa speciosa, soft maple, hedge, roses, evergreens. Send for catalog and price list. We have certificate of inspection from Kansas and Oklahoma.

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EVERGREENS that grow. We have

15,000 ready now; lightly grown; packed properly when shipped. Our specialty is the finest evergreen grown anywhere. That is the **CHINESE ARBO-VITAE.** Fast grower, thrifty; transplants easily; a wonderful tree, must not be confused with inferior so-called American Arbo-Vitae. Our free circular explains difference and quotes prices. **FARKER NURSERIES, Abilene, Kansas.**

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TREES

of all kinds AT WHOLESALE PRICES. Save agent's commission of 40 per cent by ordering direct from us. Premium with each order free. Stock guaranteed first-class. Certificate of inspection furnished. Don't delay. Send for price list now. Address Box O. Pure Speciosa Catalpa grown by seed from original trees. **WICHITA NURSERY, Wichita, Kansas.**

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Two Packets for Trial.

We send two regular sized packets of our superior Garden Seeds, your selection, and our Big 1911 Seed Manual absolutely Free to all new inquiries. We are anxious to increase our number of customers and have you become acquainted with our Guaranteed Seeds is the reason we make this generous offer.

If you give Our Seeds a trial, we are sure you will become one of our pleased customers. Write today for our Big 1911, 76-page, illustrated Seed Catalog. **A.A. BERRYSEED CO., Box 205 Clarinda, Ia.**

10 Cherry Trees \$1.
40 Concord Grapes \$1.

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2,000 Seeds	Cabbage	3 Best Varieties	3 pkts.
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In all 10,000 Seeds, and our new Seed Book with a 10c Credit Check good for 10c selection, postpaid, 10c. **FAIRVIEW SEED FARMS, Box 122, Syracuse, N. Y.**

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Get our catalog before you buy. 1,200 acres in Nursery Stock, Fruit, Ornamental and Fruit Bearing Trees, Shrubs, Vines and Roses. Everything in the Nursery line. Free from all disease. Inspected by State Entomologist. Elegant catalog free. See what values we give you. Direct dealing insures you first cost and full satisfaction. Write for free book now—today. Address **RATEKIN'S NURSERY CO., Dept. 2 Shenandoah, Iowa.**

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TELLS how leading sheep and hog breeders, cattle and horsemen keep their stock healthy. How they get rid of worms—the cause of 90% of their stock losses. Chapters on "lambling" and "farrowing." Contains scores of helpful experiences of stockmen. Will solve your worm problems. Tells about **SALVET**

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WORM DESTROYER AND CONDITIONER which is sold on 60 days test before you pay. If not satisfactory it costs you nothing. A postal brings book free postpaid. Send for it today. **The S.S. Fall Co., 15 Central Ave., Cleveland, Ohio**

POULTRY RANCH FOR SALE.

One of the best poultry ranches in the state. Two acres adjoining Washburn college campus, 9-room house, cellar, chicken, 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.**

HORTICULTURE



Apples are selling at \$2 per bushel in this town and this right at the end of a "fruit year" in Kansas, too. Let us spray.

Catalpa trees may be forced to a much more vigorous growth and will be much more nearly straight if they are cut back to the ground after they are one or two years old. The speciosa must always be chosen. All others are worthless for posts or poles.

"Table" potatoes are quoted in the Topeka markets at 85 cents per bushel. I don't know just what "table" potatoes may be but I do know that the kind our grocer sends out are not very choice. Now this is perhaps not a very exorbitant price for potatoes when prices on other things are considered, but it does seem that there is too much margin between what the farmer receives for them and what the consumer pays. It also seems that there should be no scarcity of potatoes, even of the "table" variety in this state.

In mulching strawberry beds, flower beds or trees and shrubs, be careful to select a material for the mulch that will not "pack." A very satisfactory method which I have used on strawberry and flower beds for several years is to first cover the beds with a light mulch of corn stalks and then cover this with straw. For trees and shrubs I generally use coarse manure though the stalk and straw method is good. Such a mulch will give ample protection and yet afford necessary ventilation without which the plants are sure to suffer.

Locating and Planting the Orchard.

BY C. V. GREGORY.

Every farm should have at least a few fruit trees to provide fruit for home use. Where soil and climate are favorable and a good market can be secured fruit growing for market is a very profitable business.

The most important point in planning an orchard is selecting the location. The land should be naturally well drained if possible. If not, artificial drainage should be resorted to. A moderate northeast slope is the most desirable. Trees on a north slope do not start as quickly in the spring, and the danger of having the fruit buds nipped by an untimely frost is lessened. An orchard on such a slope also suffers less from sun scald and drought.

If the hill on which the farm buildings are placed is large enough the orchard can be located on the north slope and the buildings on the south. A windbreak of a double row of evergreens on the west and north will stop the snow in winter and help to keep the fruit from being blown off in summer. To complete this protection the windbreak will have to be extended all the way around, since in summer many of the heavy winds come from a southerly direction.

The question of air drainage is fully as important as that of water drainage. Cold air is heavy and drains rapidly into the hollows, while the air on the slopes is warm and dry. The difference of a few feet in elevation often makes a difference of several degrees in temperature. An orchard located on a rise of land will escape many of the frosts that cut down the profits in an orchard less favorably located. Trees on a hill are also less likely to be troubled with fungous diseases, since dry air is not favorable to them.

A soil too rich in nitrogen promotes leaf and wood growth at the expense of fruit. For this reason black prairie soil is not so well adapted to fruit growing as some other lands. Loamy clay soil underlaid with a porous subsoil makes an ideal foundation for an orchard. Cleared timberland is also very good.

You cannot expect success with an orchard if you plant the trees in a hole in the sod. The land should be

put in to some cultivated crop for at least a year before setting out the trees. This gets the soil in good tilth and the trees will have a fair chance from the start.

Having decided on the location for the orchard, the next step is to select the kinds and varieties of fruit to be grown. The apple is the most widely grown tree fruit in this country. It has hardy varieties that can be grown well up into the northern sections, while other varieties are adapted to southern conditions. The plum is even more hardy than the apple, and some of the improved varieties give as delicious fruit as could be asked for. Cherries are also fairly hardy, and a few trees are a valuable addition to any orchard. In the milder sections peaches and pears can be added to the list.

The question of variety is one that must be answered for individual conditions. The old standard varieties are the most reliable. Varieties that are already doing well in your locality can be depended on. Your state experiment station or horticultural society will gladly furnish you a list of the varieties that are adapted to your locality. One mistake often made in setting out an apple orchard is in planting too many summer and fall varieties. These are of little value for market; they do not keep well and are largely wasted unless they can be canned or dried. Since the development of cold storage some of the better keeping varieties, such as Wealthy, can be kept nearly all winter. Not all farmers have ice or are located within reach of a storage warehouse, however.

It will generally pay to put a large part of the orchard into reliable winter varieties. For home use apples are appreciated more along toward spring and will bring a higher price.

An important point to consider in selecting varieties is quality. This is especially important in those grown for home use. When the fruit is to be shipped any considerable distance, shipping and keeping qualities are of first importance, and the eating and cooking qualities take a secondary place. Yield is also important.

New Book.

"Popular Fruit Growing," by Samuel B. Green, professor of horticulture in the University of Missouri.

The third edition of a thoroughly practical work treating on the factors of successful fruit growing, orchard protection, insects injurious to fruits, diseases injurious to fruits, spraying and marketing, principles of plant growth, propagation of fruit plants, pome fruits, stone fruits, grapes, small fruits, nuts, etc. Profusely illustrated. Revised 1910. Contains 300 pages, 7 1/2 by 7 inches.

KANSAS FARMER has made special arrangements with the publishers whereby this book may be obtained with a one year's subscription to KANSAS FARMER at \$1.50. Write today.

The value of a smile has never been calculated. The man who owns one "that won't come off" is a pleasant neighbor, a welcome visitor and an easy man to do business with. He is a salve for the "dumps," a plaster for the "grouch" and a specific for the "blues." He might be shady in character but his sunny disposition opens the door to him which would be shut on another and makes his character lighter colored. It pays to smile because it helps others to smile.

Nearly a half million acres have just been taken from the forest reserves and added to the agricultural lands owned by Uncle Sam. This act of President Taft makes the total of eliminations from the forest reservations foot up to 4,555,961 acres. The total additions to the national forest lands amounts to 2,157,015 acres, a gain for agricultural lands from forest reserves of 2,398,946 acres.

IRRIGATED LAND VALUES DEPEND UPON Water Supply

It takes water to irrigate—and plenty of it, too. "Storage" rights and "reservoir" rights may be necessary to have water—in some places. But the "right" to have

water does not necessarily INSURE water. Besides the "right" to have water, the ACTUAL WATER is the most necessary thing to be assured of, since without water, when it is needed, the

mere "right" to have it, does not make crops. These are the compelling reasons why, in developing the great ORCHARD PARK project, such a huge sum of money was invested to ABSOLUTELY insure an ADEQUATE WATER SUPPLY.

In fact, the work was not stopped where the engineers figured enough water—it went further—and developed a supply of actual running water, double that which is usually figured as enough, to raise any of the Corn Belt Crops or Fruits, even in the dryest season.

Are you tired of working hard to sow and plant, and reaping a half crop or less, because it didn't rain in time, or because it rained too much at the wrong time?

Do you want a farm where crops are big and sure—where you control crop watering—thus getting the utmost out of your time, labor and expense? If you are looking to better yourself,

The Most Inviting Opportunity Is Right Here

Buy an irrigated farm in ORCHARD PARK. Just opened for sale. ORCHARD PARK IS 20 miles east of Pueblo and 2 miles from Boone, Colo., on the main lines of the Santa Fe and Missouri Pacific and the same distance from Nepesta, Colo., on the main line of the Santa Fe. It is the greatest irrigated land opportunity in the United States today.

Here are 10,000 acres of the most fertile soil—all lying in the great Arkansas River Valley—every foot of it smooth—and water—RUNNING WATER—provided for every inch of the whole tract. Not an inch of waste land in the whole 10,000 acres. There is no "blue sky" in this project. It is all real farming land, as fine as lies out of doors anywhere.

ALL THE DEVELOPMENT WORK, TO PUT WATER ON ALL THESE 10,000 ACRES, HAS BEEN DONE

WATER SUPPLY DOUBLY INSURED.

The Huerfano River, a affluent of the Arkansas River, has been tapped at two places:

FIRST—One place at the surface, from which the state of Colorado has decreed to us, forever, a flow of 53.2 cu. ft. of the normal flow of water per second. This, together with the 275 cu. ft. per second—also decreed to us forever by the state of Colorado—of the flood waters coming down the Huerfano every year, is more than enough to irrigate the whole 10,000 acres for full crops in any season.

SECOND—Is the great UNDERFLOW tap, to develop which has required an immense outlay of money. It has been made to make "assurance doubly sure." This underflow tap into the river, is made a mile above the

surface tap. It is made at bed rock, 17 feet under the river bed. Here is laid a 38-inch concrete pipe line, a mile long, right up the river bed—with inflow taps every 2 ft. 8 in. for 4,000 feet. Even with the river bed dry there will still be 17 feet of running water over this underflow tap and constantly feeding into it. This underflow develops a giant spring throwing a 38-inch stream of water, every minute in the year—a flow of 77 cubic feet a second—enough to irrigate the entire 10,000 acres, for 365 days in a year—enough to put water 1 ft. deep on every acre.

These provisions absolutely insure to every acre in Orchard Park more than an abundance of water for all crops, in the dryest year that can happen. No project in the United States has such an adequately insured water supply as

ORCHARD PARK, COLO.

The picture at the top of this page is a faithful drawing from a real photograph, showing the main canal, where it taps the Huerfano River to draw the water supply for watering these 10,000 acres. At the right of the picture is seen the branch of the canal that leads to the head gate at the river's natural bed. This canal at the right receives the water decreed to us by the state, and coming from our first tap as above explained.

At the left of the picture, just under the spot on which the man is shown standing, can be seen the discharge of water from the 38-inch concrete pipe line, which brings the underflow water into the main canal. The stream thrown out by the 38-inch pipe has enough force at the pipe mouth to float a crowbar. Don't seem possible, eh? Well, come out and see for yourself.

NOWHERE WAS THERE EVER AN IRRIGATION PROJECT OPENED UP, THAT COMBINED SO MANY UNMATCHED ADVANTAGES.

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\$100 per acre. This includes perpetual water right. Remember it is actual farming land of the best soil, and actual flowing water—more than enough every year to raise crops. Absolute title given. Payable 25 per cent down, balance in 1, 2, and 3 years at 6 per cent.

This price and the terms given for this land, make it the cheapest irrigated land in the United States. Three crops will pay for one of these farms and provide a living at the same time. All of this land remaining unsold on March 1, 1911, will be held at \$125 per acre, without fail. This is no bluff. The land is simply worth that now and will be worth more then. Buy now and get the raise, as well as the finest farm land on earth.

There is not much of this land to sell. Don't put off investigating it, if you want to better yourself. WRITE US TODAY FOR OUR DESCRIPTIVE BOOK—IT IS SENT FREE. READ IT, STUDY IT AND GET READY TO

JOIN OUR NEXT EXCURSION JANUARY 17, 1911

We want to show you everything we claim. If time is short to write wire us at our expense that you are coming. If we can't show you everything we claim here—and a whole lot more that is good—we will refund you the entire expense of making the trip. We will have representatives on Santa Fe trains Nos. 5 and 9 January 17 next. Come on one of these trains if you can. Come any way you can, and when you can, to the address given here. Let us send you our book by return mail.

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The Elburn has become the factor in home life of the Southwest. Hundreds of satisfied owners are spreading its reputation for quality and durability. We have often said, and we repeat it now that the Elburn H-2 is the BEST PIANO IN THE WORLD FOR OUR PRICE OF \$225. It is made after our own plans and specifications. We know that the quality of the material that goes into it is superior. We want you to see the Elburn H-2, to test it and to realize that all we say of it is true. Therefore, we will send the Elburn to you, freight prepaid. Try it carefully; have all your friends try it, and if it is not all we represent it to be, return it at our expense. You run no risk. The trial will cost you nothing.

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We are also factory distributors for STEINWAY, VOSE, WEBER, KURTZMANN, ETC.

Write for catalogs.

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J. W. JENKINS SONS MUSIC CO., KANSAS CITY, MO.

Matter of Spelling.

A trolley collided with a milk wagon and sent the milk splashing on the pavement. Soon a crowd gathered. "Goodness!" exclaimed a man. "What an awful waste!" A stout lady turned and glared at him. "Just mind your own business," she snapped.—Lippincott's Magazine.

HOME CIRCLE



Rich Uncle Ebenezer—"So you are named after me, are you?"
Small Nephew—"Yes. Ma said it was too bad, but we needed the money."—London Opinion.

She—They say that an apple a day will keep the doctor away.
He—Why stop there? An onion a day will keep everybody away.—Boston "Transcript."

Elderly people look back upon the friends, relatives and acquaintances of thirty, forty or fifty years ago, and say, "There are no friends like old friends." It is natural for them to think this way, particularly when most of the old friends are buried; but the fact is that there are friends as true now as ever. The world is progressing in every way and men and women are truer and better now than ever before. This is a good thought to consider during the declining years of life.

The Beaten Tracks.

The most beaten and frequented tracks are those which lead us most astray. Nothing, therefore, is more important than that we should not, like sheep, follow the flock that has gone before us, and thus proceed not whither we ought, but whither the rest are going.—Seneca.

Just Plain Men.

Thomas Moore, author of the "Irish Melodies," was the son of a country grocer.

Napoleon was a penniless second lieutenant in 1785; in 1804 he was crowned an emperor.

Thomas Paine, author of "The Rights of Man," was a staymaker. Samuel Richardson, one of the first famous novelists, was a journeyman printer, the son of a carpenter.

William Shakespeare was the son of a glover in a little country town; both his grandfathers were husbandmen.

George Stephenson, the inventor of the locomotive, was the son of a fireman at a colliery, and began life as his father's helper.

Terence, the Roman comic poet, was a slave.

Trajan, perhaps the greatest of all Rome's emperors, was the son of a common soldier and began his career in the ranks.

Virgil, whose "Aeneid" is the typical Latin epic, was the son of a small farmer.

James Watt, inventor of the condensing steam engine, was the son of a small merchant, who failed in business.

Cardinal Wolsey, Henry VIII's famous prime minister was the son of a butcher.

Mrs. Grundy Says:

That opportunity fools a man about as often as it benefits him.

That money in the banks is influential—as long as it stays there.

That a man can usually recognize in a "bargain" something he doesn't want.

That the opportunities we seldom let go by are those that enable us to make fools of ourselves.

That if you can't tell what a woman means, don't make the mistake of asking her to elucidate.

That riches always have had wings, and now they can be depended upon to get flying machines.

That it is regrettable that persons who would not be trusted with a baby carriage are permitted to drive touring cars.

That tomorrow is uncertain and yesterday no longer counts.

That only actual experience will teach some people that they can't raise poultry and garden truck on the same lot.

Give Your Children a Chance.

As children grow up, many serious misunderstandings follow from the failure of parents to recognize their children's individuality.

They assume that the children are

exactly like themselves, when they are often totally unlike.

If they would recognize this unlikeness and make allowance for it, the path to understanding would often be smoother.

The many successes achieved in bringing up adopted children—children, usually, with a very poor start, from unknown and undesirable antecedents—show what can be done when parents study their child intelligently.

Parents are often mortified when their children give more heed to the advice of others. Other people look at the children as individuals and study them without assuming to know all about them, and often discover traits entirely unsuspected by the parents. Children know and appreciate when they are being justly estimated.

Among the families of your acquaintance how many—or rather how few—fathers and mothers really know their own children?

Often parent and child are so different that they could not be expected to understand each other. But they ought at least to understand that they are different and make allowances.

It is sad to see a brilliant child in a commonplace home trying to keep its soul from overflowing the narrow limits prescribed by its parents—tormented between duty and dreams.

It is sadder to see a commonplace child in a brilliant home driven and badgered, coerced and threatened forever forced to attempt impossibilities and always falling back hurt and humiliated.

Why can't people learn to let their children alone? Why won't parents study their children? Why won't they ask their friends to help them understand their own? And if the child is commonplace, in mercy's name let him be commonplace! He won't rise to such heights of happiness, neither will he fall to such depths of misery. If the child is a genius, in mercy's name give him a double chance! Don't get in his way and block him just because you can't understand him! Clear the track!—Erman J. Ridgway in The Delineator.

8745. Girl's Two Piece Dress, to Be Worn with a Gimp.

A practical feature of this model is the yoke which is cut in one piece, and buttoned over the front at the shoulder. The skirt is plaited. Gingham, galatea, linen, pique, or poplin



8745

are very desirable for garments of this kind. The pattern is cut in 4 sizes: 4, 6, 8, 10 years. It requires 2 1/2 yards of 36 inch material for the 8 year size. A pattern of this illustration mailed to any address on receipt of 10 cents in silver or stamps.

Kansas State Grange.

The Kansas State Grange held its thirty-ninth annual session in the city of Olathe. Olathe is a very proper place for the Grange to meet. Here we have crystallized into form the very essentials of the grange movement, organization and cooperation.

Nowhere else in the west can be found a more successful combination of Patrons than right here in Johnson county. Here is the Patrons' general store with about 800 share holders, conducting a business amounting yearly to about \$100,000 to the advantage and satisfaction of the people located in the surrounding country.

The Patrons' Bank is another object lesson in cooperation. It is conducted by Patrons for Patrons and with capital furnished by Patrons, but the most noted institution of the Patrons' cooperation located here is the Patrons' Fire and Tornado Association, strictly mutual in all its transactions, having a membership of over 4,000 Patrons, carrying \$11,000,000 in risks gaining \$2,000,000 during the past year. Only Patrons can participate in its benefits. Olathe is surrounded by a prosperous, energetic class of Patrons, and if every county seat in Kansas had even one-half the cooperative enterprises that Olathe has, panics might come and go yet hold no terrors, oppressive combinations could not exist and humanity would pass many milestones on its "Journey to the Much Desired."

The session just ended was productive of much good through exchange of ideas and formulating plans for a progressive campaign along Grange lines. The legislative body consisted of about 70 delegates from the various counties over the state, extending as far west as Pawnee county, which is a hustling Grange community, as well as the banner wheat county in the state.

The Order of Patrons has had much to do in shaping national legislation, especially in measures pertaining to the general welfare of the people, such as rural mail delivery, the Interstate Commerce Commission, pure food and dairy products, besides preventing vicious class legislation. One of these was the prevention of a re-issue of the patents on sewing machines and the ship subsidy bill.

This is all in a national way. Here in Kansas we have always stood for needed reforms that would materially advance the interests of the people as a whole, avoiding class legislation always. Here are some of the measures we are pledged to work for during the next session of the Legislature. We have a very competent legislative committee whose business it is to aid in the passage of our needed reforms.

The following just measures are those which our committee on needed legislation will request to have enacted into law at the next session of the Kansas Legislature:

1. That the hunters' license law be amended so that no license be issued to any person under 15 years of age.
2. That there be no open season for the killing of quails for a period of at least five years, and a penalty provided for the violation thereof.
3. The establishment of the office of state fire marshal or in lieu thereof, that the duties naturally devolving upon such an officer be required through the office and under the direction of the state superintendent of insurance.
4. The creation of the office of state engineer with headquarters at the State Agricultural College; the duties of such office to be prescribed by law.
5. That a sufficient appropriation be made by the State Legislature for the collection and publication under the direction of the Kansas State Agricultural College of farmers' institute papers and kindred data in an institute annual for free distribution to those applying for the same.
6. That the elements of agriculture, manual training and domestic science be taught in all consolidated rural schools.
7. That the board of railroad commissioners be given like authority for the control of all state-wide public utilities, especially pipe lines, long distance telephone and telegraph companies, as said board now possesses for the control of railroads and other common carriers.
8. The establishment of a general parcels post.
9. The establishment of a rural parcels post.



The Principle of Feeding

The man who feeds sheep, cattle or swine, so as to bring about rapid growth and a short fattening period, never goes by guess-work. With him, feeding is a science based on one fundamental principle, viz: **A strong animal digestion means economical food consumption.** To accomplish this—to make the digestive function of his feeding stock unflinchingly active—he gives regular daily doses of

DR HESS STOCK FOOD

in the grain ration and reaps his reward in fat, sleek cattle, plump sheep and heavy hogs. Dr. Hess Stock Food was formulated by Dr. Hess (M. D., D. V. S.) in response to a general demand for a digestive tonic which would prevent failing appetite and stomach derangements resulting from heavy feeding.

This way of managing farm stock is called after the name of its originator—"The Dr. Hess Idea," and proves conclusively that "a poor ration, well digested, is better than the best ration, poorly digested." Dr. Hess Stock Food is sold on a written guarantee. It makes a milch cow increase her mess; shortens perceptibly the time necessary to fatten a steer, hog or sheep; puts horses in A 1 condition and relieves all the minor stock ailments.

100 lbs. \$5.00
25 lb. pail, \$1.60

Except in Canada and the extreme West and South.
Smaller quantities at a slight advance.

Also manufacturers of Dr. Hess Poultry Pan-a-ce-a and Instant Louse Killer. FREE from the 1st to the 15th of each month—Dr. Hess (M. D., D. V. S.) will prescribe for your ailing animals. You can have his 96-page Veterinary Book any time by asking. Send 2 cent stamp and mention this paper.

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Ashland, Ohio.

DR. HESS POULTRY PAN-A-CE-A makes poultry keeping a successful venture for the man or woman who wants a nice, quiet, home business. It acts on the digestive organs of the hen and converts the greatest possible proportion of her food into large, full-meated eggs, wards off common poultry ills and pays for itself many times over. Ask your dealer for Dr. Hess Poultry Pan-a-ce-a.

1½ lbs. 25c; mail or express 40c. 5 lbs. 60c; 12 lbs. \$1.25; 25 lb. pail \$2.50.
Except in Canada and the extreme West and South. Send 2 cents for Dr. Hess 48-page Poultry Book, free.

INSTANT LOUSE KILLER KILLS LICE

10. The election of U. S. Senators by direct vote of the people.

11. Liberal appropriations, by our National Congress for the construction of permanent roads.

The Grange is in a prosperous condition showing a steady growth in members and influence.

We are accused of being conservative. Perhaps we are and more than likely this very conservatism has been the foundation of our existence.

There is a belief manifested in our order that all of these reform measures will be enacted into laws just as soon as the people as a whole are prepared to receive them.

The following resolutions were unanimously adopted:

Whereas, persons whose interests are adverse to prohibition of the liquor traffic have made and circulated false and misleading statements concerning the effects of prohibition and its desirability. Therefore be it

Resolved, by the Kansas State Grange in annual meeting assembled that the men and women of the Grange, many of whom have resided in Kansas during the entire prohibitory law in this state and others of whom have more recently come to Kansas from states having no prohibitory laws, that conditions of prosperity, conditions of morality and intelligence, conditions of sobriety and conditions of safety from temptation are incomparably better under prohibition than under corresponding conditions with any system of license or regulation.

Resolved, that the enforcement of prohibition is more effectual and practical than any system of regulation that has ever come under the observation of any of us.

Resolved, that it is the hope of the men and women delegates to this annual meeting that the benefits of prohibition may soon become universal throughout the United States.

Resolved, that we tender to the sturdy and faithful officials who have made and are still making dispensers of liquor afraid of Kansas our unqualified endorsement and support.

This was the year for the biennial election. Nearly the entire force of officers was reelected, only two changes taking place, Col. A. L. Hunt declining reelection and C. T. Minor giving up his office as assistant to Fred Culter of Douglas Co.

Bro. George Black, who for 26 consecutive years successfully filled the office of secretary, was again elected State Master and will continue to guide and direct this Order whose object is the advancement of civilization and humanity.—O. F. Whitney, Secretary Kansas State Grange.

By nature the hog is a healthy animal. By art he has become a delicate one. The modern farm hog is an artificial product and as such must be surrounded by artificial conditions. The farmer produced the modern hog and should be willing to take care of him.

A dry soil will freeze deeper than a wet one as water is a non-conductor of heat.

When you get a little ways ahead and think you might like to invest in shares of some sort just try plowshares, they are safer.

Buy Land on the Burlington

in the

Big Horn Basin, Wyoming

The census figures tell the story. Population now more than 15,000 people against 4,000 at last census. No other part of Wyoming has grown so fast, and this gain practically in the last five years.

Make Money on Land

Five years ago these lands were selling at from \$15.00 to \$20.00 per acre. The same lands with improvements are now selling as high as \$60.00 to \$80.00. You can homestead just as good lands today, just as close to the railroad, or buy just as good raw lands at \$45.00 to \$50.00 and make as much money as those who invested then.

GET IN ON THE GROUND FLOOR before the completion of the new line, where you can locate a good alfalfa farm close to new growing towns that will help to make your land valuable. Here is a great combination of natural resources and rich farm land, with an abundant supply of water for irrigation, that you cannot afford to overlook.

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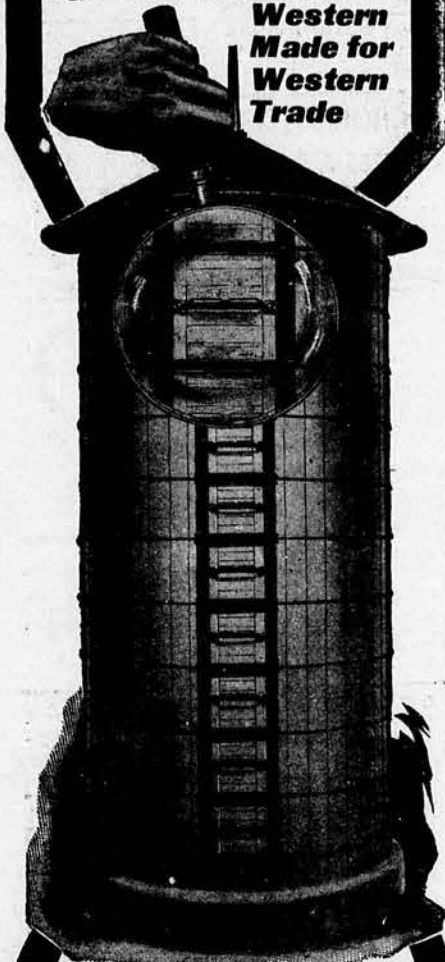
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I want to prove to you my Champion is the best silo you can possibly put on your farm. I want to tell you about my slip-proof, absolutely safe two-piece latch ladder, guaranteed to stand three times the weight of a man, and found only in the Champion. Let me tell you how my door frame, trussed and braced with steel, is absolutely rigid. These and the other superior features of the Champion Silo are fully described in my illustrated catalog, which I'll send you free.

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by a man who knows the requirements of western conditions. No eastern manufacturer can build you an entirely satisfactory silo any more than he can sell you successful seed corn without knowing your land. I have studied the West, was raised in the West and my Champion is just the Silo you need. Write for

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When writing advertisers please mention Kansas Farmer.

Percheron History.

The first Percheron Society ever organized in the world was organized in the United States in 1876. Mr. J. H. Sanders was the editor of the first three volumes of the original Percheron Stud Book. He afterwards turned these records over to the Percheron Society that had been previously organized. The name given to these stud books was the "Percheron-Norman."

In 1881, on account of factional differences that arose in the membership of the old Percheron organization, the "French Draft" Society was organized; and a considerable number of the adherents of the original Percheron organization affiliated with the French Draft Society.

A great many Percheron importers, who were importing Percheron horses, horses that were eligible to registration in the Percheron stud book, recorded their horses in the French Draft book, and continued to do so for many years afterwards. In fact, many of them continued to do this until within the past two or three years.

In 1883, the Percheron Society of France was organized—seven years after the Percheron Society of America had been organized.

Notwithstanding the basis of registration in the Percheron Stud Book of America is the certificate of pedigree from the Percheron Society of France, as a matter of history the first Percheron Society was organized in America.

As a consequence of this condition, an attempt was made, after the establishment of the Percheron Stud Book of France, in 1883, to have the horses that had been imported prior to that date, and subsequent to the date of the organization of the society here, given place in the French stud book, so that the two books would correspond; but after much effort in this direction it was found to be impracticable. Many of the pedigrees that had been issued by the American Society could not be secured, and the necessary information for the recording of these pedigrees that had been issued by the American Society, before the establishment of the record in France, could be obtained, and it was found impossible to re-record in that stud book.

Finally a rule was adopted by the American Society known as the "85" rule. This provided that any animal that had been imported prior to or in the year 1885, regardless of whether it was recorded in the Percheron Stud Book of France or not, if the fact could be shown that the animal was really imported prior to that date, the horse was accepted for record in the American Stud Book. This rule was necessary in order to harmonize the records of the two countries.

It was most unfortunate that factional strife should arise between the breeders of the country so early in the history of Percheron recording, and that the two record books were established in this country.

The draft horse business, however, seemed to prosper, notwithstanding. A great many importations were made. The Percheron horse became very popular in this country, and was well distributed during these years; but you all remember the great depression in business that enveloped the country, beginning near the first of the year 1893, and continuing until 1897 or 1898. During these years importations ceased. The breeders of horses in this country became discouraged. They could no longer sell their horses, even for market purposes, for sufficient to give them compensation for their care and feed; and to sell them for breeding purposes was out of the question.

In consequence of this condition of affairs, interest seemed to be entirely lost in the Percheron organization, and the new idea of recording; and the establishment of stud books was neglected and almost forgotten. Finally, meetings were no longer held by the Society. There was no election of officers. Nobody paid any attention to the records, and finally, gentlemen, the condition became so serious that the secretary then in charge of the records, who endeavored to maintain them and keep them up, became so hard pressed for the necessary means to maintain the records, and an office to keep them in, that all the books of record were finally sold on execution, to pay the debts that were

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Gentlemen: I would rather refer anyone to the Galloway Engine than any other on the market for several reasons. First, because it is so well constructed that any unskilled person can operate it. Second, because it uses less gasoline than any other engine of the same rated power I have ever seen. In talking about rated power I will refer you to our 5 h. p. Galloway Engine pulling a 34-inch rip saw and it does its work well. In summing this altogether the Galloway Engine in my estimation will take the honors for the best gasoline engine on the market for simplicity, economy and rated power. Your truly,

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We helped W. R. Blanchard saw wood. We sawed twelve cords of wood in two hours and twenty minutes with half a gallon of gasoline. It is the best engine on the market.
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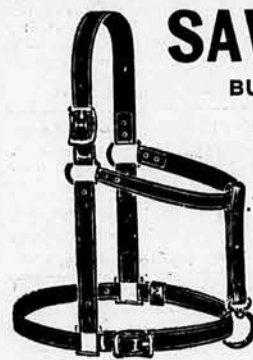


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Satisfaction or your money back. Get your neighbors to club together and buy a dozen. We save you money on everything in the harness line. Write for complete catalog of Harness and Saddlery. We send it free. Simply send us your name on a postal card and say "Catalog." It will surely save you money.

INSKEEP & SCHAUBEL, Manhattan, Kan.

against the institution. Mr. S. D. Thompson, the last secretary elected, and who had charge of the records, bought the books and records at execution sale for a mere pittance, and became the absolute owner of all the property of the old organization. When this Society was organized, eight years ago, he was the owner of the records and everything that pertained to Percheron recording in this country.

This Society was organized in December, 1892, eight years ago the coming month. While I was not present at the first meeting, I have been informed by those who were in close touch with the situation, that the Society was organized at the suggestion of the Secretary of Agriculture, because he was not satisfied with the record of pedigrees kept by a single individual, without any responsible association behind the work. The Secretary of Agriculture suggested that it would be wise, and in fact necessary, if the Percheron breeders of this country intended to maintain the Percheron breed, and have pedigrees that could be recognized by the Department of Agriculture, that they should have an association regularly incorporated under the law, and that would be accountable and responsible for whatever was done.

Consequently this association was organized, under the name of the "American Percheron Horse Breeders' and Importers' Association," which was afterward changed by action of the stockholders, to the "Percheron Society of America."—Extracts from annual address of Pres. H. G. McMillan, Percheron Society of America.

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Take a little thought about the orchard heaters during the long winter evenings. By their use one can do a great deal toward making every year a fruit year. They don't cost much but they are worth much.

"All things come to him who waits" is an old saying that was once believed. Probably the modern man who tries it will find that the first thing that that comes to him is the hearse.

With 40 cent bacon and 7 cent hogs what's the matter with doing the butchering on the farm? Even if an expert is employed to do the work there is good money to be made by it.

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LIVE REAL ESTATE AGENTS WANTED

I want the help of some "live wires" to sell some Colorado Irrigated Land. This land is within 150 miles of the Kansas line. It has water on it now, an unfailing supply for every need. The land is exceptionally good.

This is one of the best land propositions now open for sale. It is a straightforward project—one of the most highly meritorious ever developed. All available land will readily be sold. It is desired to sell all that is for sale by March, 1911. The price is right—so are the terms of sale. Liberal cash commissions paid; literature furnished free. Also conveyance to and from the land from railroad station two miles away. Besides, this is being widely advertised in western papers. I MEAN BUSINESS. WRITE ME TODAY FOR FULL DETAILS.

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TWO EASTERN KANSAS LAND SNAPS

To be cut up and sold: 2270 acres creek bottom and slope land; nearly all good farm land; within driving distance of Topeka. Can be bought from \$25 to \$50 per acre. Easy terms. If interested write

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COME TO FORD COUNTY AND GET RICH

Come to the famous Ford County Wheat Belt, where two crops pay for the land. If I do not show you that this is true I'll pay your fare for the round trip. Best of climate, soil and water. Descriptive price list upon application.

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400 acres, 5 1/2 miles from Osage City, Kan., 100 acres in cultivation, 10 acres good timber, 8 acres good orchard, balance native grass pasture and meadow, 5 room house, good cellar, 2 good barns with loft, granary, hen houses, hog and cattle sheds, plenty of good living water, R. F. D. and phone. Price \$35 per acre if sold by Feb. 1. This is a bargain. Act quick. For particulars write

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MIAMI COUNTY—Improved farms \$45 up, good terms. Cheaper and better than farther west. List free. Carpenter & Peck, Miami County Bank Bldg., Paola, Kan.

EASTERN KANSAS FARMS \$35 to \$75 per acre; also have mds. to trade for land; we are doing a general exchange business. Richmond Land & Loan Co., Richmond, Kan.

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MEADE, Ford, Clark and Gray county land, \$10 to \$20 an acre; prices advancing rapidly; now is the time to buy. Write for full information. Chas. Schwerdtfeger, Fowler, Kan.

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25 head horses and colts above average, and one registered Percheron stallion. Write for particulars. 80 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.

FORD COUNTY wheat and alfalfa lands at the lowest prices. Special: 320 acres to exchange for hardware stock. Write us.

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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.

200 ACRES, 10 miles from Delphos, 40 a. pasture, 160 in cultivation, 175 can be cultivated, creek, plenty of fruit for family use. Good house, barn and outbuildings. One of the best corn and alfalfa farms; can be bought for \$75 per acre; 1/2 cash, balance 6 per cent.

Box 114, Minneapolis, Kansas.

TRADES.

We will exchange irrigated sugar beet and alfalfa lands, unirrigated wheat and ranch lands, city property, merchandise and live stock for good proposition anywhere. Describe and price your proposition.

CONYERS & PIPPENGER, Garden City, Kansas.

FOR SALE—193 a., 6 mi. Garnett, 3 mi. Haskell, on Mo. Pac. R. R., 120 a. valley and slope land in cult., balance rough pasture with limestone rock on 1-3 of it, well fenced and cross fenced, new 6 r. house; splendid barn, 32x42; 2 good wells; family orchard. A snap at \$5,500. New list free. SEWELL LAND CO., Garnett, Kan.

GOOD SECTION LAND TO TRADE.

640 acres 6 miles from Liberal, 2 miles from Haynes; all fenced and cross fenced; other improvements; good 240 acres in cultivation; all good land; on telephone line and R. F. D.; close to school. Price \$19,200. Take \$7,500, good rental property, carry \$5,000 on land and balance cash. This proposition will stand inspection.

LAND-THAYER LAND CO., Liberal, Kan.

BUY OF OWNER—SAVE COMMISSION.

A nice valley farm of 320 a., 3 mi. of Fredonia, county seat, best gas town in state, all tillable, 110 a. in cultivation, balance in meadow and pasture, good 5 room house, big barn and other improvements, free gas, also income from gas wells on farm, telephone and R. F. D. Easy terms. Buy of owner and save commission. A snap at \$42.50. Must sell. Write

LOCK BOX 807, Fredonia, Kansas.

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. 120 acres, 9 miles of town, 50 acres in cultivation, balance good pasture, rolling, plenty water, fair house, some alfalfa, a good stock farm. Price \$2550; \$650 cash, balance terms. A bargain. Good Smith county land for sale. Carl G. Anderson, Athol, Kan.

CAN'T BEAT THIS IN KANSAS.

160 acres second bottom, 4 miles town, large 8-room house, barn 36x40, bearing orchard, good water, near school; must be sold. \$10,500. T. B. Godsey, Emporia, Kan.

YOU'RE NEXT.

160 a. improved farm, 60 a. in wheat, 100 a. in pasture, all can be farmed, 3 roomed house, stables for 8 horses, sheds, etc., 1 1/2 miles to school, 6 1/2 miles to town. Price \$2,500; \$1,000 cash, bal. terms. No trade.

STINSON & SHELTON, Spearville, Kansas.

O. U. BARGAIN HUNTER!

Three fine quarters at \$47 per a., 4 mi. out; 3 choice half sections, \$40, \$45, \$50 per a., 3 and 4 mi. out. Snap. Two elegantly improved, highly cult. farms joining city, \$100 per a. Many choice trading propositions.

O. E. LOWER, Herington, Kansas.

MARSHALL COUNTY, KANSAS, LAND.

Half section, 2 miles from town, 160 a. under plow, some alfalfa and meadow, rest pasture, 6 room house, 8 horse barn and hay mow, 2 good springs, 350 bearing trees; belongs to widow anxious to sell. \$55 per acre on easy terms. Also 25 other Marshall Co. farms.

E. F. DEWEY, Blue Rapids, 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.

NEOSHO VALLEY FARMS.

We have for quick sale unusual bargains in well improved farms in the rich Neosho River Valley from 80 acres and upwards, located near the city of Emporia, Kan., which has the State Normal and the College of Emporia. We also have several suburban orchard and garden tracts from 20 to 80 acres, close in, that will afford nice homes and investments. For particulars and prices address

THE HEATH COMPANY, Topeka, Kansas.

FAMOUS SOLOMON VALLEY LAND.

Improved 80 a., 5 mi. from Minneapolis, Kan., 60 a. in cult., bal. pasture; good 4 room house, small barn and other outbuildings; close school; price \$3600. 160 a. 5 1/2 mi. from town; 100 a. in cult., some alfalfa, fair improvements; best soil; \$45 per a. 320 a., 1/2 creek bottom, good corn and alfalfa land, 6 mi. from town; 173 a. in cult., balance pasture and meadow; fair improvements; close school; 120 a. in wheat. All goes with place. \$45 per a.

J. F. HOSKINS LAND CO., Bennington, Ottawa, Kansas.

FOR SALE

1,700 acres of my 4,100 acre ranch in Kearney county, Kansas, on the Arkansas River and Santa Fe R. R.; 700 acres alfalfa land, 60 acres in alfalfa; all fenced with three and four wires; 5 room frame house, stone basement; barn 25x50 feet, part stone basement; stock sheds with iron roof, all well built and 300 yards south of Sutton Flag Station; wells at house, barn and in pasture. Reason for selling: Too big for my foreman to look after. John Shinkle will show place. Price \$20 per acre net to me.

H. H. SMALLEY, Springfield, Mo.

SELLING A MONEY-MAKER.

For quick sale at \$20 per acre—A half section in S. W. Nebraska; fair improvements; house of 3 rooms, stables, chicken house, well and windmill; also other out-houses, including hog sheds. This place is already to move on to and go to work; only missed two crops in 25 years and none at all in last 14 years. Old age only reason for selling. Priced at \$20 per acre for quick sale. Write at once to

JACKSON R. E. CO., 1327 Quincy St., Topeka, Kansas.

FOR SALE—Eastern Kansas black prairie corn, alfalfa and clover farms. Some exchanges. Write today for free list and map. G. T. KINSEY, LeRoy, Kan.

FORD, Clark, Meade and Gray county corn and wheat land \$15 to \$50 acre, on good terms. Write for new list, mailed free.

H. E. McCUE LAND CO., Bucklin, Kansas.

IF you want a bargain write for free list of Anderson county farms. You want a trade list with us.

Holcomb Realty Co., Garnett, 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.

TO EXCHANGE FOR FARMS—A general store, a hardware, a fine residence property, a large hotel, all choice properties in good towns. 320 acre stock farm, well improved and watered, near Anthony, 60 acres alfalfa. A bargain with liberal terms. Smithson-Holaday Realty Co., Anthony, 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. COLLINS, Ness City, Kansas.

640 ACRES

10 miles from county seat, 500 acres smooth, tillable land, 180 acres in cultivation and in wheat, rent share to purchaser; 320 acres second bottom alfalfa land, soil deep black sandy loam, shallow water. Price \$15 per acre. Write quick.

MAIRS & SCHILLING, Kinsley, Kan.

WE HAVE for sale for a few days a beautiful 5 acre tract, one mile from center of this city, with nice improvements, 5 or 6 room house and good outbuildings, fenced in good shape, a dandy home, just the place for chickens, cow and pigs and garden truck. Price \$3500; will take \$1000 in trade. C. W. Hinnen Realty Co., Holton, Kan.

320 ACRES, unimproved, 8 miles Dodge City, about 100 acres rough, all well grassed, near school, \$3,500.

640 acres, 9 miles Dodge, 5 miles station, fenced, cross-fenced, 320 acres in cultivation, school on land, running water fine stock proposition. \$19 an acre. Other lands. New list free.

L. L. TAYLOR & CO., Dodge City, Kan.

SEVERAL good farms to trade for stocks of merchandise and land to exchange for city property. Land in the fertile Gulf Coast of Texas, \$20 per acre, on payments; fine climate and farmers get rich in a few years. We go down twice a month. Write me for particulars, Henry G. Parsons, Lawrence, Kan.

ANDERSON COUNTY.

320 a., 140 in cultivation, bal. pasture and mow land, good soil and water, seven room house, large barn, cribs, etc. Five miles to R. R. station. Price \$35 per a. Terms easy. A snap. Write for full information.

GEO. W. ILLER & SON, Garnett, Kansas.

LOW-PRICED NORTHEASTERN KANSAS LAND.

Produces corn, clover, bluegrass and all staple crops in big yields. We can sell you improved farms here for \$40 to \$50 per acre. Have some good exchanges. Write for full information. THE OWL LAND AGENCY, Ozarkie, Kansas.

IF YOU are in the market for the best farms in Southeast Kansas at the very lowest prices, see us. We handle nothing but the best. We are also handling some very fine fruit, grain and stock farms in Washington Co., Ark. Our customers our references. Smeltzer & Co., Iola, Kansas.

160 ACRES

level second bottom, 4 miles from county seat, 100 acres under plow, 15 acres alfalfa, running water fed by spring, 5 room house, barn for 6 horses, large hay shed and other good improvements; good bearing orchard. Price \$65 per acre; easy terms. Joseph D. Ryan, Abilene, Kan.

440 A. STOCK FARM—IT'S CHEAP—85 a. slope land cultivated, partly alfalfa land, 25 a. fine meadow, 330 a. elegant pasture, nearly all can be mowed, new 6 room house, new barn 26x32, fine orchard, 15 a. hog tight, cistern, well, etc., school and church stone's throw from house. Price \$32.50 a. Other bargains. Write for list. D. M. Watkins Realty Co., Moline, Kan.

GOOD FARM FOR SALE.

James E. Johnson's improved farm in Wabaunsee county, Kansas (county seat, Alma). 200 acres all fenced; has good house and stable; plenty of water, creek flowing through it; 3/4 of the land under cultivation, balance pasture; soil excellent, and the farm has always been profitable; located two miles from postoffice. This farm is now to be sold to settle an estate, and correspondence is solicited for its purchase. Address A. D. MADDEN, Clarks-ville, Ohio.

HOMES FOR THE HOMELESS

Our booklet describing lands in eleven of the best counties in Southeastern Kansas. The cheapest, the best and the greatest natural advantages for the lowest price. IT'S FREE. Send for it. Address

THE ALLEN COUNTY INVESTMENT CO., Longton, Kansas.

LOOK AT THIS

80 acres, 4 miles to town, 1/2 mile to school, 6 room house, good orchard, 1 1/2 wells, 60 acres cultivated, 20 acres pasture; every foot can be plowed; lays n. no rough land. Price \$2800.

A. P. ROSA, Galesburg, Kansas.

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

FARMS, Ranches, Mds., Trades. Would you build an agency? Buckeye Agency, Agrícola, Kan.

WRITE US for list of Kansas farms for sale with map showing location of each farm. Roseberry & Kennedy, Erie, Kan.

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

ANDERSON COUNTY FARMS for sale and exchange at \$40 per acre and up. Expansion list free to buyers.

SIMON LAND CO., Garnett, Kansas.

SOUTHERN KANSAS FARMS for sale. Your terms are ours. Write to the Benton Land Co., Benton, Kan.

MONTGOMERY COUNTY LAND—Write today to Foster Bros., Independence, Kan., for list and map. Oldest realty company in southwest Kansas.

CHOICE FARM BARGAINS

I want some straight buyers for a few choice 80, 120, 160 and 320 acre farms in Central and Eastern Kansas. I have some good combination stock farms and ranches that are good bargains. Write me describing fully what you want. Have some large places to trade for smaller.

J. M. McCOWN,

516 Commercial St., Emporia, Kansas.

WHEAT, CORN, ALFALFA

In Meade, Ford and Clark counties; land \$25 to \$50 an acre. List free. Eugene Williams, Minneola, Kan.

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.

FRIZELL & ELY, Larned, Kansas.

A BARGAIN—640 ACRES.

240 a. fine bottom land in cultivation, 50 a. mow land, 330 acres pasture, good house of 7 rooms, barn 40x50, cow stable 30x30, granary 12x30, corn crib for 3800 bu., plenty of shed room, 4 good wells; place well fenced and cross fenced. Price \$15,000.

E. H. JONES, Sedan, Kansas.

O U LAND SEEKER, TAKE NOTICE.

320 acres, 6 miles from Latham, Butler Co., Kan., all nice smooth land, 140 acres in cultivation, bal. pasture and meadow, good 7 room house, good barn for 30 head of stock and 100 tons of hay, cattle sheds and other good outbuildings, everlasting well and windmill and tanks. This is a No. 1 farm and a bargain. Price \$50 per acre.

160 acres, 7 miles from Latham, all nice smooth land, 50 acres in cultivation, balance meadow land, all tillable, all fenced with hedge and wire. No other improvements. This is a special bargain. One mile to school, on R. F. D. and phone line. Other land in the neighborhood is selling from \$40 to \$70 per acre. Price for 20 days only \$25 per acre. We make exchanging a specialty. For further information address

H. F. ADAMS & CO., Latham, Kansas.

KIOWA COUNTY, KANSAS.

20,000 acres, where wheat, corn and all staple products produce paying crops every year. \$20 and up. Don't write, but come. Edgar B. Corse, Greensburg, Kan.

READ THIS, PLEASE.

Send for list of well improved farms in Franklin county, Kansas, at from \$50 to \$75 per acre. Only 70 miles from Kansas City. PRINCETON LAND CO., Princeton, Kan.

WANTED FARMER

To buy 240 a. at \$60 per a.; \$4400 cash, balance to suit, joins town, granary on R. R. right of way. Phone, free gas.

B. H. DUNBAR, Tyro, Kansas.

READ THIS BARGAIN

160, Anderson county, Kansas, joining small town, 120 cult., 30 timothy and clover, 7 room house, barn, etc. Price \$8,000. 160, 2 1/2 miles of Weida, Kan.; 60 cult., balance meadow; all tillable; no buildings, \$5600.

SPOHN BROS., Garnett, Kansas.

JOHN W. BAUGHMAN

LIVE AGENTS WANTED to sell town lots in Best Little City in Southwestern Kansas. Prices \$12.50 to \$50. Easy monthly payments. Best selling proposition ever placed on the market. Good commissions. No Experience Necessary. Full instructions. You can sell them. Write me today. JOHN W. BAUGHMAN, Plains, Kansas.

PLAINS TOWN LOTS

AN ESTATE AT A BARGAIN

641 acres 2 miles city of Thayer; good 6-room house, neatly finished; all good outbuildings; 340 acres in cultivation; 80 acres meadow, balance pasture. Price \$35 per acre; terms. Other lands for sale. Write for list.

ADAMS & MILLS, Thayer, Kansas.

JUST 10 days left in which to sell improved 80 7 miles of Richmond, Franklin Co., for \$4,000. Can give time on half. Don't wait to write, but come at once. We have a large list. MANSFIELD & CO., Ottawa, Kansas.

SEED POTATOES, SEED CORN OATS AND ONION SETS

Send for our **SEED CATALOGUE** all kinds of
FIELD AND GARDEN SEEDS.
HAYES PRODUCE CO. 524 N. KANSAS AVE, TOPEKA, KAN.

KANSAS LAND

A CHEAP DAIRY FARM.

Located 1 1/2 miles from the city limits of Wichita, Kan., containing 120 acres of very rich and productive land, 25 acres fine alfalfa; 55 acres in a high state of cultivation; balance pasture and meadow; good 6-room house, large barn, granary, corn crib, chicken house, some cement floors, fine well of water at a depth of 20 feet, large cement water tank, all buildings nearly new and good, all fenced and cross fenced; fine orchard of all kinds of fruit. Price \$100 per acre.

EDWIN TAYLOR REALTY CO.,
107 South Main Street, Wichita, Kansas.

FARMER WANTED

To buy 240 a. at \$60 per a.; \$4400 cash, balance to suit, joins town, granary on R. R. right of way. Phone; free gas.

B. H. DUNBAR, Tyro, Kansas.

CENTRAL KANSAS.

McPherson Co., for wheat, corn and alfalfa; best improvements, schools and climate. \$30 to \$100 per acre. We can get you what you want.

BREMYER & BRUBAKER,
McPherson, Kansas.

FARM BARGAIN.

160-a. well improved farm, 6 miles of Topeka; fine land; \$75 per acre.

OLINGER & EATON,
623 Kansas Ave., Topeka, Kansas.

KAN. AND OKLA. FARMS—City property, mdse., livery barns, etc., for exchange. Real Estate Exchange, Coffeyville, Kan.

SOME splendid bargains in Famous San Luis Valley. Cline Land Co., LaHarpe, Kan.

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

3 Fine Half Sections

320 acres 11 miles from Topeka, Kan.; nearly all tillable; 2-3 under plow; balance fine bluegrass and clover pasture; good 8-room house; large new barn; good water; fruit. Only \$70 per acre.

320 acres 11 miles from Topeka; 210 acres under cultivation; balance fine pasture; 25 acres alfalfa; orchard, good 8 room house, horse barn for 32 head, fine cattle barn 40x150 ft., with loft for 200 tons hay; fine system of waterworks to all buildings; fine springs in pasture; 1 mile to school, 2 miles to small town. Complete and up-to-date. \$22,000. \$5,000 will handle. A bargain.

320 acres 16 miles from Topeka; 6 miles to small town, 150 acres under cultivation; balance fine pasture, 5 room house, barn for 12 head horses, 70 rods to school; new land; good soil; a bargain. \$55 per acre.

TOPEKA REAL ESTATE CO.,
532 Kansas Avenue, Dept. C. Topeka, Kan.

FARM SNAP.

320 acres, mile from good town in Harlin Co.; all level but 85 acres; all broke but 90 acres; 80 acres in wheat; no improvements. Come at once. This snap won't last long at \$45 acre. Easy terms. Can't buy land joining for \$65 an acre.

MEYER BROS.,
Real Estate Dealers, Alma, Neb.

GOOD FARM FOR SALE.

James E. Johnson's improved farm in Wabunsee county, Kansas (county seat, Alma); 200 acres all fenced; has good house and stable; plenty of water, creek flowing through it; 1/4 of the land under cultivation; balance pasture; soil excellent; and the farm has always been profitable; located two miles from postoffice. This farm is now to be sold to settle an estate, and correspondence is solicited for its purchase. Address A. D. MADDEN, Clarksville, Ohio.

HOMESEEKERS ATTENTION!

OFFICIAL PUBLICATION.
"The Irrigated Lands of the State of Washington." 100 pages, beautifully illustrated. Tells the facts. Sent free on application.

STATE BUREAU OF STATISTICS AND IMMIGRATION,
Olympia, Washington.

GEORGIA LAND.

Come to South Georgia, where you can make money on investments. We handle the very best farm lands in this section, and our prices for undeveloped lands \$3.50 to \$10 per acre, and improved lands \$15 to \$50 per acre. We handle timber in Georgia and Florida. Write us for descriptions.

J. H. BAKER & CO., Americus, Georgia.

Section Bargain

640 acres, Greenwood county, nice level farm, highly improved, improvements cost over \$5,000, close to school and church and 7 1/2 miles to good town, in a fine farming and stock country. An estate, and offered for this month at a bargain price of \$40 an acre, \$7,000 cash, balance on time at 6 per cent.

KAW VALLEY LAND CO.,
Topeka, Kansas.

FOR SALE OR EXCHANGE.

For exchange for gilt edge farm, 20 a. in McPherson corporation, 5 a. orchard, 10 a. pasture, 5 a. alfalfa, valuable imp., modern, 80 rods to good college. Can give good reason for selling. BREMYER & BRUBAKER, McPherson, Kan.

40 Acres

One mile street car, 4 room house, good condition, barn as good as new, hog houses, cribs, 2 chicken houses, cherry orchard, well fenced. Price \$5,000.

FOX-COOK AGENCY,
104 West Eighth, Topeka, Kansas.



You can buy fertile farms with timber, fruit and water for \$10.00 per acre and up—five years ago the price was only \$5.00. Splendid country for fruit growing, dairying, stock raising and general farming. Fine climate, Eastern markets, good neighbors, Homeowner's Exemption rates and other information on request. Write for them now. They tell WHY Virginia land is so low in price.

F. H. LaBrosse, Agr. & Ind. Art., Norfolk & Western Ry., Box 2932, Roanoke, Va.

\$10 AND UP PER ACRE NOW RAPIDLY ADVANCING

COLORADO LAND

KIOWA COUNTY, COLORADO.

corn, wheat and alfalfa lands \$8 to \$15. 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.

EASTERN COLORADO LANDS.

Rich, fertile land, \$15 to \$20 per acre, on good terms. Irrigated lands that produce mammoth crops of sugar beets, alfalfa, wheat and oats, \$66 and up. New list and descriptive literature free. Thomas B. Ashlin, The Arkansas Valley Real Estate Man, Granada, Colo.

YUMA COUNTY, COLORADO.

lands that raise big crops of all staples \$10 to \$15 per acre. Good opportunities for homesteaders and investors. I own a few quarters which I will sell cheap.

A. L. KISENGER, U. S. Commissioner,
Yuma, Colorado.

MISSOURI LAND

FOR SALE—BARGAIN AT \$65.

160 acre farm, near Kirksville, Adair Co., Mo., 7 room new house, new barn 42x48, new outbuildings, fine new cellar, fine orchard of excellent varieties, 3 wells, 120 acres in red clover and timothy, 35 acres in corn, 1910, 5 acres in timber; land is gently rolling; 3 miles of R. R., near church and school; fine black loam soil; 80 bu. corn to acre this year. A money maker to owner. Owner has best of reasons for selling. Easy terms to buyer. Long time on deferred payments.

MINTER & WINN,
Kirksville, Mo.

MISSOURI FARMS.

Well improved farms in best farming section of Missouri, \$50 up. Ranches \$10 to \$25. Natural home of corn, clover and bluegrass. Abundance of pure spring water. Descriptive price list free.

J. H. FREDERICK,
Cole Camp, Benton Co., Missouri.

IMPROVED corn, clover and bluegrass farms 48 miles south Kansas City. \$50 to \$75 per acre. Jot M. Wilson & Son, Harrisonville, Mo.

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, 1/4 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.

POCKET MAP OF OKLAHOMA FREE to anyone sending us the address of five farmers who expect to change their location Caddo County Farm Bargains.

BALDWIN & GIBBS CO.,
Anadarko, Oklahoma.

INDIAN LANDS FOR SALE.

200 choice farms in N. E. Oklahoma. Low prices and easy terms. Write for map and price list.

LEAVITT LAND COMPANY,
Vinita, Oklahoma.
Agents Wanted.

OKLAHOMA REAL ESTATE LANDS AND CITY PROPERTY. SEND FOR LITERATURE. PERKINS & BOWMAN, HUGO, OKLA.

TEXAS LAND

A FORTUNE IN 40 ACRES

An irrigated forty acres in the Lower Pecos River Valley of Texas will provide a fortune for any family as well as a model home, in an ideal, all the year around climate. It will pay 100 per cent annually on present cost of land, including water rights. If interested, write at once to

THE HEATH COMPANY
GENERAL AGENTS,
109 WEST SEVENTH ST., TOPEKA, KAN.

44 Bushels to the Acre

is a heavy yield, but that's what John Kennedy of Edmonton, Alberta, Western Canada, got from 40 acres of Spring Wheat in 1910. Reports from other districts in that province showed other excellent results—such as 4,000 bushels of wheat from 120 acres, or 250 bushels per acre. 25, 30 and 40 bushel yields were numerous. As high as 120 bushels of oats to the acre were threshed from Alberta fields.

THE SILVER CUP

at the recent Spokane Fair was awarded to the Alberta Government for its exhibit of grain, grasses and vegetables. Reports of excellent yields for 1910 come also from Saskatchewan and Manitoba in Western Canada.

Free Homesteads of 160 acres, and adjoining pre-emptions of 160 acres (at \$3 per acre), are to be had in the choicest districts. Schools convenient, climate excellent, soil of the very best, railways close at hand, building lumber cheap, fuel easy to get and reasonable in price, water easily procured, mixed farming a success. Write at once for settlement, settlers' low railway rates, pamphlet "Last Best West," and other information, to Dept. of Immigration, Ottawa, Can., or to Can. Gov't Agent.

J. S. CRAWFORD,
125 West 9th Street
Kansas City, Mo.

THE STRAY LIST

H. G. Huckstadt, County Clerk—Pottawatomie County.

TAKEN UP—One red steer, 1 year past, small letter "M" on right hip; valued at \$25. Was taken up Nov. 30, 1910, by I. B. Plummer, Rock Creek, Moodyville twp.

Wabunsee Co.—C. C. Stotler, Co. Clerk. TAKEN UP—By Horace Smith, R. 1, Wabunsee, Kan., on the 16th day of November, 1910, one red heifer, 2 1/2 feet high; short, white streak across forehead, left ear cropped and a V-shaped slit in right ear. Appraised value \$16.

B. F. Krause, County Clerk—Rush County. TAKEN UP—Three calves, one about 4 months old, one about 5 months old, one about 6 months old. Two red and one black; two have end of right ear cut off. Appraised value \$15. Were taken up Oct. 12, 1910, by J. C. Schwindt, Elson, Lone Star twp., Kansas.

TOO LATE TO CLASSIFY.

HEREFORD BULLS AND FEMALES.

Two choice Hereford bulls 18 to 18 months old sired by Enterprise (12614), dam Prairie Queen (127345) by Counsellor (71682); 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.

J. E. CLARY & SONS

PLEASANT RIDGE STOCK FARM, Sheridan, Mo. Breeders of high quality jacks, 10 to 18 months old sired by Enterprise (12614), dam Prairie Queen (127345) by Counsellor (71682); eight choice heifers coming two and three years old, same line breeding; prices reasonable; all in good condition. Write or come and see me. Watch for sale date.

J. E. CLARY & SONS, Sheridan, Mo. JACKS—An extra fine 4-year-old jack for sale; black with white points; extra heavy bone. One 2-year-old Percheron stallion, 17 hands high, wt. 1500. Also Hampshire gilts. G. S. LAWSON, Ravenwood, Nodaway Co., Missouri.

FIELD NOTES.

Wiley & Son's Great Percheron Sale. On January 24 and 25, L. R. Wiley & Son will sell at Strong City, Kan., 100 head of draft horses, including their entire show herd. Wiley & Son won more first prizes at the Kansas State Fair at Topeka last fall than any other exhibitor, showing 18 head of imported horses, including five stallions and 13 mares. We invite our readers to look up the page ad in this issue and arrange to attend this sale. This will be a horse show worth going many miles to see. The catalogs are now ready to mail out and are worth reading. Send in your name early. Kindly mention the Kansas Farmer.

Petty Bros.' Jacks and Stallions. The writer called on Petty Bros. of Sedalia, Mo., last week and arranged for the advertising of their jack and stallion sale to be held at Sedalia February 16, 1911. This will be a closing out sale of all their fine jacks, jennets, stallions and mares. Every horse owner should know the Petty Bros. will sell 20 jacks, 15 jennets, 9 Percheron mares and 3 stallions. Konstant (44850), 60734, the aged stallion, is 7 years old, weight 2,200 pounds. He is a good one in every respect. He was imported by J. Crouch & Son in 1906 and Messrs. Petty Bros. have owned him ever since, but they are closing out the draft horses, as well as their jacks and jennets. All of the draft horses but this stallion and all the mares but three were bred on the Fairview Stock Farm. The champion jack, Tennessee King, will be sold in this sale along with many other Kentucky and Tennessee jacks. Every one knows Petty Bros. as the Missouri jack

breeders and know what to look for at their sale. As this is positively a closing out sale everything goes and no breeder or importer will sell the best at any other time. They are selling jacks and stallions that they would not sell at any other time or at any price, if it were not their aim to change location and go into other business. The half page ad of this sale will appear in the Kansas Farmer January 21, 1911. Don't fail to read it and send for nicely illustrated catalog showing the cuts made from actual photos of the jacks to be sold. It is not a reduction sale, but a clean sweep—closing out sale. Everything goes to the highest bidder without reserve.

Pumping Engines for Farms.

The windmill was a great thing for farmers when it was perfected and could be made in quantities large enough to sell for practical prices. It still beats pumping water by hand. But modern genius has developed another machine for pumping which goes as far ahead of the windmill as the windmill went above hand pumping. This new machine is the Farm Pump Gasoline Engine. Since the oil industry has progressed to the point where gasoline is now available in every nook and corner of the country, and for low prices, this new farm pump engine has come to supply a need that nothing else can equal. This farm pump engine is advertised in this paper. Look up the ad and read it carefully. Besides being an engine that is the most efficient and faithful pump, it is a power machine that has many uses on every farm. It is easy to move from place to place. Requires no foundation and works anywhere day or night, summer or winter. It will run the corn sheller, the wood saw, grind stone, churn, cream separator, fan, pump, mill, feed cutter, hay carrier or any machine of any use or purpose. It saves a hand at a dozen things many times a week. Probably the most important reason why every farm should have a farm pump engine is the fire protection it gives. Day or night it is ready to start at any minute and pump hard enough to throw a stream of water to the top of any farm building. There is no limit to the amount of water it will throw if the well holds out. Then there is no danger of being out of water if the wind is not blowing. In winter it will pump fresh warm water from the well, which is something of great importance to the stock. This point is something well worth considering, as it is well known that live stock will not drink enough of ice cold water to supply their needs. There is a lot more to merit to tell about this great little farm pump engine. You should learn all about it. It is of interest to every farmer, even if he never buys one of these engines. Send to the Fuller & Johnson Mfg. Co., One Knight St., Madison, Wis., for their books on this engine, as well as of the larger ones they make.

Liberal Offer by Well Known Stock Food Company.

The Wilbur Stock Food Co., 198 Huron street, Milwaukee, Wis., makers of the celebrated Wilbur Stock Food, Stock Tonic, etc., are endeavoring to let every farmer know about the wonderful merits of Wilbur's Stock Tonic. They agree to give absolutely free a regular one dollar package of the Tonic, to every farmer who will fill out and mail the coupon in their large ad on another page of this issue. Wilbur's Stock Tonic has been on the market for years and those who have used it find it is a real tonic and health promoter for horses, cattle, hogs, sheep, chickens and all live stock. It is intended not only to restore natural, healthy conditions in farm animals, but to ward off diseases by toning up the blood, giving strength and regulating proper digestion and assimilation. It supplies those blood and bone making elements not obtained from an ordinary hay



or grain diet. Wilbur's Stock Tonic has been perfected after many years of study and experimenting by live stock experts. In some cases animals have been restored to state of perfect health after being in bad shape for a long time. A Pennsylvania farmer says of Wilbur's Stock Tonic: "I have used one pall of your tonic for out two horses. It saved the life of one of them after everything else failed." A Kansas farmer writes: "Would like to know the price on one thousand pound lots of Wilbur's Stock Tonic. Have been feeding about two months and think it is all it is claimed to be." Hundreds and hundreds of similar letters are on file, so Wilbur's Stock Tonic must really be an article of great merit. This being a bona fide, give-away proposition without any strings whatever attached to it, we would suggest that our readers clip out the coupon and send for a free package. No money is required. The manufacturers propose to stand the cost of this free trial and to give away what a valuable thing Wilbur's Stock Tonic is. They feel confident nearly every farmer will want to keep it on hand after the first trial. The ad with the coupon referred to will be found on the back cover page. (Continued on page 28.)

HORSES AND MULES

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.

JACKS

I have on hand a large collection of the best stallions the world produces. I have the best line of big boned, dapple gray and black, ten stallions that can be shown in the United States this season. These stallions measure from 12 to 14 inches below the knee and from 11 to 13 inches below the knee and carry corresponding quality. They run in weights from 1,800 to 2,630 pounds each. I am offering greater attractions in stallions than other importers. Prices the lowest.

I have also forty big imported mares, all in foal for sale.
W. L. BECLOW,
Cedar Rapids Importing Farm,
Cedar Rapids, Iowa.
Register your jacks in the American Jack Register. Write for blanks.

**KENTUCKY MAMMOTH JACKS.**

We have located at Hutchinson and will be at the fair grounds. Our first shipment has just arrived. Write for circular or come to see the best barn of jacks in the West.

J. F. COOK & CO.,
John C. Kerr, Manager,
HUTCHINSON, KANSAS.

EIGHT HEAD OF JACKS FOR SALE.
Yearlings to 8 years old; 5 good male jacks from 14½ to 15½ hds. jack measure; very smooth bodied; priced to sell. Come and see them.
G. W. OVERLY,
McCune Crawford Co.,
Kansas.

One of the largest number of large boned and smooth jacks in the West; 14 to over 16 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

**FIFTY JACKS AND JENNETS.**

Every one a Black Mammoth 14½ to 16½ hands high, 2 to 7 years old. I will show you one of the best bunches you ever saw.
ED BOEN,
Lawson, Missouri.
Lawson is 40 miles northeast of K. C.

JACKS AND STALLIONS.

To close out breeding stock, will offer 2 registered Percheron stallions, 1 registered saddle stallion and 5 black mammoth jacks of Mo. and Kentucky blood, from 2 to 8 years old; from 15 to 15½; standard; registered. **J. E. PARK**, Cameron, Mo.

JACKS AND JENNETS.
Five extra fine jacks for sale, one 5 year old, one 4 years old, two 2 year old and one yearling; also three extra fine jennets. Bargains if taken at once.
F. S. BURGESS, Dearborn, Mo.

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. RINEMAN,
Dighton, Kansas.

Choice registered Mammoth jacks 15 to 16 hands high; good individuals with plenty of bone and vigor and ready for service. Also one registered 2-year-old black Percheron stallion. **Bruce Saunders**, Holton, Jackson Co., Kan.

GALLOWAY CATTLE

Capital View Galloways
A few choice young bulls sired by Imp. Campflower 3d of Stepford 30938 (8307) and Meadow Lawn Medallist 28756.
G. E. CLARK,
2101 Van Buren St., Topeka, Kan.

ANGUS CATTLE

BIG SPRING ANGUS FARM—Jasper Auldridge & Son, Patterson, Mo., Props., breeders of Angus cattle and Duroc Jersey hogs. Four choice bulls and a number of choice heifers for sale. Breeding stock for sale at all times.

PARKER PARRISH & CO.

HUDSON, KANSAS.

Pure Blood Angus Cattle

Herd bulls: Japan Ita, Envey 3d, Evener 2d, Jett's Haie Lad. 400 in herd. Violet's best blood; can ship on Mo. Pac. Santa Fe or Rock Island. Stock for sale at all times.

80 Angus Bulls

OF SERVICEABLE AGE.

Herd Headers and Range Bulls. Many of them by Champion Ita.

SUTTON FARM, Lawrence, Kan.

500 HEAD IN HERD.

POLLED DURHAM CATTLE**BELVEDERE X2712-195058**

Son of the \$1,500 Grand Victor X1633. 150365 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. LINSCOTT, Holton, Kansas.**Jerseydale Stock Farm**

Imported and American Bred Jerseys,
Carthage, Mo.

PHIL HANNUM, JR., Owner.

I am offering a yearling bull ready for service, out of a five-gallon cow, bred along the same lines as the cow that won at the World's Fair, at a very reasonable price. Write today if you are in need, as I price stock at figures that sell them.

Grade Jerseys bought on commission.

JERSEYS FOR SALE PRIVATELY.

Bulls old enough for service sired by Beatrice Stockwell, Golden of Spring Hill and Donella's Jewell. Also cows and heifers rich in the blood of St. Lamber, Coomassie, Golden Fern's Lad, etc. Reasonable prices.
S. S. SMITH, Clay Center, Kansas.

GOLDEN RULE JERSEY HERD.

Headed by Omer's Eminent by Eminent Rosette, tracing to Golden Lad on sires, and out of the noted cow, Financial Queen. The dam of Omer's Eminent was the \$1000 cow Omeri 2d by Gueonon's Golden Lad 62168.

JOHNSON & NORDSTROM,
Clay Center, Kansas.**TO MAKE ROOM FOR WINTER I**

WILL SELL

20 HEAD REGISTERED COWS

Forty head to select from; also a few bull calves.

J. B. SMITH,

Beatrice, Nebraska.

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 Masterpiece.
W. N. BANKS, Independence, Kansas.

SHORTHORN CATTLE

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

RENO HERD**SHORTHORNS**

Five extra good Scotch and Scotch Topped bulls, 10 months old. Roans and reds, sired by Victor Archer and Forest Knight by Gallant Knight. Priced right.
R. A. Stewart HUTCHINSON,
KANSAS

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.

T. K. TOMSON & SONS, Dover, Kan.
R. R. Station Willard, on R. I., 16 miles west of Topeka.

Humboldt National Stock Farm

Shorthorn cattle, large type Poland China hogs. 10 spring boars and girls priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me.
H. F. PELPHELY & SON,
Humboldt, Kansas.

SHORTHORN CATTLE

SMALL HORN CATTLE—Richland Grove Farm, breeders of Shorthorn cattle and Berkshire hogs. Lavender Goods No. 30096 and Victor Orange lead this herd. Lavender Goods sired by White Goods; Victor Orange sired by old Victorious. Address **H. R. Coffey**, Savannah, Mo.

NEW BUTTERGASK SHORTHORNS.

Best of breeding and individuality, representing such families as Imp. Bessie 1st, Brawith Buds, Daybreaks and Fleras 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. **MEAL BROS.**, Canton City, Kan.

10 SCOTCH BULLS

From 10 to 14 months old. One roan, 9 reds, sired by show bulls and out of show cows. Must be sold to make room. Priced at \$75 to \$125. These are all good. I make steers out of my poor ones. Come at once. They will suit you.

COL. ED. GREEN, Florence, Kan.**Pearl Shorthorns**

Carload good, big, strong bulls, 8 to 20 months old. Priced right.

C. W. Taylor, Enterprise, Kan.

R. R. station, Pearl, on Rock Island.

W. F. HOUX, JR.

Breeder of Shorthorn cattle and Poland China hogs. Cattle herd headed by King Challenger 312040, sire Whitehall King 222724, dam Lady Zenda 3d; grand sire, Whitehall Sultan 163578. Hog herd headed by Wonderlook 65255, sired by Grand Look No. 125703, dam No Wonder; Spotted Chief 56692, sired by Missouri Smflower 49513, dam Queen Quality 11304. Watch for bred sow sale date in February. Address **W. F. HOUX, JR.**, Hale, Missouri.

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.

EIGHT YOUNG SHORTHORN BULLS

for sale. Scotch and Scotch Topped. Good individuals. Will sell few cows and heifers.
S. B. AMCOATS, Clay Center, 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.

GOLDEN KNIGHT.

by Golden Prince by Gallant Knight at head of herd; a few choice heifers for sale, excellent breeding; also Percheron stallion colts. Prices reasonable.

JOHN W. TREADWAY, Kincaid, 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 horses. Young stallions, bulls and heifers for sale.

Geo. Groemiller & Son, Pomona, Kan.**HEREFORD CATTLE**

Brookside Farm, Savannah, Mo., breeders of Hereford cattle. Herd headed by Hesold 101st No. 162585 and Horace No. 300428, 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, Hesold, etc. breeding; including Imp. animals. Over 100 head in herd. Few choice young bulls and some good females for sale.

TOM WALLACE, Barnes, Kansas.**HOLSTEIN CATTLE****SUNFLOWER HOLSTEINS.**

Full calves from A. R. O. dams, bull calves from dams producing 50 lbs. to 70 lbs. milk per day. The best of breeding, choice individuals. Service bulls that cannot be beat. Buy from Sunflower Herd, home grown, home raised, large, thrifty, acclimated. Breeding, individuality, size, markings all of the very best. Prices are right and satisfaction guaranteed. The largest herd in Kansas. The best herd in Kansas. Visit us, write us. Herd established 1907, and now comprises nearly 70 head. **SUNFLOWER HOLSTEINS** are now the pick of nearly four years careful sorting.

F. J. SEARLE, Oskaloosa, Kansas.**HOLSTEIN CATTLE—\$1425**

For 8 Holstein-Friesians cows and choice of 18 bulls, all registered; all good; some A. R. O.; have to make room for young stuff. Come and see them.

S. W. COOKE & SON, Mayville, Mo.

HOLSTEIN CATTLE—Ten young bulls of the famous Snadybrook Holstein-Friesian herd for sale. This herd is headed by the celebrated Sir Johanna Colantha Fayne No. 42146. Address **M. E. MOORE & CO.**, Cameron, Mo.

B. L. BEAN, Cameron, Mo., breeder of thoroughbred Holstein-Friesian cattle. A few young cows and heifers for sale; also a few young Korndyke and Johanna bulls; all choice individuals. Address **B. L. Bean**, Cameron, Mo.

Holstein—BULLS BULLS BULLS—Holstein

Rock Brook Farm offers for quick sale 35 bulls ready for service. These are sons of King Hengerveld, the only son of Hengerveld De Kol, out of a 31-pound A. R. O. dam. Grandsons of De Kol Burke, sired by Inka Burke De Kol, who is a son of De Kol Burke, out of Small Hopes De Kol, with an A. R. O. record of over 24 pounds. Grandsons of King Segis, sired by one of his best sons. In all the most fashionably bred lot of Holstein bulls that were ever sent out of New York state by one man or firm. Prices are within reach of all, and we solicit correspondence. Rock Brook Farms, Sta. B, Omaha, Neb.

HOLSTEIN CATTLE.

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

DUTCH BELTED CATTLE.

DUTCH BELTED CATTLE—A few young animals of choice breeding for sale. Springdale Stock Farm, Concordia, Kan.

GUERNSEY CATTLE.

WILLOW BRANCH GUERNSEY FARM,
J. H. DUSTON, Prop.,
Hamilton, Missouri.
Breeder of thoroughbred Guernsey cattle. Herd headed by Tilly's Major No. 8847. Young bulls for sale, among them Major Bonnie Boy No. 3393 and two yearlings of the choicest breeding. Address **J. H. DUSTON**, Hamilton, Missouri.

AUCTIONEERS**H. R. LITTLE**

Live Stock Auctioneer

Abilene, Kan.

A close student of men and methods, with 20 years' experience as a breeder of Shorthorns. Entire time devoted to auction work. Reasonable charges for first-class service. Write or telephone.

LET ME BOOK YOUR WINTER SALE

DATE.
Can make right terms and give satisfaction. On block or in the ring. Write, wire or phone.

COL. RAY PAGE,

Friend, Neb.

FRANK J. ZAUN,

Fine Stock Auctioneer.

Independence, Mo.

Am selling for the best cattle and hog breeders in the West. Terms very reasonable. Write or wire for dates.

"Get Zaun; He Knows How."

Jas. W. Sparks AUCTIONEER.
Pedigreed Live Stock
Marshall, Mo.

FRANK REGAN, ESBON, KAN.

Years of continuous selling has proved my ability and my employers are my best advertisers. Write, wire or phone for dates.

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WINFIELD, KANSAS.

I sell for many of the most successful breeders.

LAFE BURGER

LIVE STOCK AUCTIONEER.

Write or wire me for date.

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W. C. CURPHEY

LIVE STOCK AUCTIONEER.

Write, phone or wire me for dates.

ABILENE, KANSAS.

BERKSHIRES**LARGE ENGLISH BERKSHIRES**

Breeding Stock for Sale.

H. U. McCURDY & CO.,

Hutchinson, Kansas.

40—BOARS AND GILTS—40

Herd boar, Forest Supreme by King Forster sired by Lord Lee. For sale, 20 spring boars and 20 spring gilts, good ones. Price \$20 for choice. Write at once.
MANWARING BROS.,
Lawrence, Kansas.

OHIO IMPROVED CHESTERS**MOSSE OF KANSAS**

Kansas Herd of Improved Chester Whites. Grand Champion Sow Kansas State Fair.
ARTHUR MOSSE,

R. D. S. Leavenworth, Kansas.**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. S. Garnett**, Kansas.

POLAND CHINAS**POLAND CHINAS****POLAND CHINAS****POLAND CHINAS****DESIGNER. SEARCHLIGHT**

Kansas Live Stock History Does Not Give the Names of Two More Consistently Successful Animals Than These, Our Chief Herd Bull and Boar.

They and their assistant are the factor in the everyday "make good" business practice which has given us a mighty satisfactory business in

SHORTHORNS AND POLAND CHINAS.

Stock for sale at all times and prices reasonable. Look for our sale dates and send for catalogue; each year better than the year before.

C. S. NEVIUS, Chiles, Miami County, Kansas.

**BIG BONED POLAND CHINAS**

Summer and fall boars sired by BLAINS WONDER; ORPHAN CHIEF by Orphan; JOHN LONG by Long John. The best lot I ever raised. Get your order in early and get your pick of my herd. My next bred sow sale January 20, 1911. Send for catalog.

ROY JOHNSTON,

South Mound, Kansas.

THE MORTONS

QUALITY AND SIZE POLAND CHINAS. Herd headed by Equipment 51530 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.

SPRING BOARS

We still have a few extra good spring boars for immediate sale, sired by First Quality by Grand Chief. They will be priced right. Can also spare a few gilts, bred and open.

YOUNG & KIMMERLING, Glasco, Kansas.

LAREDO HERD

Poland Chinas, headed by Impudence Style 1332378 and F. R.'s Meddler by Meddler for sale. 15 fall gilts bred for fall farrow and 9 other gilts.

G. W. McKAY, Laredo, Mo.

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.

KING DARKNESS No. 149999
Heads my herd of RICHLY BRED POLAND CHINA SOWS. I have a few choice gilts and also sows bred to him for sale. A nice lot of fall pigs by Peerless Perfection 2d.

F. J. MILLER, St. John, Kansas.

POLAND CHINA HERD BOAR
For sale. O. K. Chief, a great breeder. Can't use him longer to advantage in herd. Will price reasonable.

R. J. PECKHAM, Pawnee City, Nebraska.

12-BOARS FOR SALE-12

12 good, growthy Poland China boars for sale, from \$20 to \$30. Write me your wants.

A. L. ALBRIGHT,

Waterville, Kansas.

MILLIGAN'S POLANDS.
Some extra good spring boars by Voter and Perfect Mischief priced low for short time. Gilts all reserved for Feb. 22 sale.

W. C. MILLIGAN,

Clay Center, Kansas.

HARTERS BIG KIND POLANDS

Headed by Megul's Monarch 45458 and Cpt. 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. WHIFFLE, Fall City, Neb.

Graner's Great Big Poland Chinas

Big and with quality. The big litter sort. Few boars left. Bred sow sale Feb. 9.

H. C. GRANER, Lancaster, Kansas.

SUCCESSFUL SWINE RAISING

J. R. Sparks, breeder of fancy Poland Chinas, has compiled a valuable book on "How to grow, breed, feed, judge and exhibit in strong competition." This is one of the best of its kind. Write at once and mention Kansas Farmer. Address

J. R. SPARKS,

Hunter, Oklahoma.

POLAND CHINAS

BRED 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.

W. CHAMBERS, Oswego, Kansas.

BLUEGRASS VALLEY STOCK FARM.

Big boned Poland Chinas. Herd headed by Big Hadley, King Ex. 3d, Long John the 2d and Missouri Wonder. Four of the best breeding boars of the breed; young stock for sale at all times; everything guaranteed as represented.

W. A. BAKER, Butler, Mo.

Highview Breeding Farm

THE KIND OF OUR FOREFATHERS. Home of the big-boned spotted Polands. 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.

THEY ARE PRICED RIGHT.

Ten Poland China boars for sale at prices from \$15 to \$20, with good bone, backs and heads.

E. M. WAYDE,

Burlington, Kansas.

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.

LARGE TYPE POLANDS.
Toulon Prince 5559 heads herd. Bred gilts for sale; also some good August pigs, either sex. L. E. KLEIN, Zeandale, Kan.

BIG TYPE POLAND CHINAS.
Gold Standard by 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.
Forty choice sows and gilts, open or bred, and several select boars at bargain prices.

P. L. WARE & SON,

Paola, Kansas.

SULLIVAN COUNTY HERD.

Poland Chinas; 200 head in herd; best blood known to the breed. For sale, eight choice fall gilts; also eight Collis pups.

FULLER BROS., Humphreys, Missouri.

NINETY HEAD FALL PIGS FOR SALE.
Sired by the famous Hadley Boy No. 48069. Remember our bred sow sale Feb. 10, 1911.

GEO. W. HULL, R. 1, Garnett, Kansas.

BANNER BOY, Big Hadley's Likeness.
Warewell, and son of Defender head our herd. The best is none too good for the Banner Herd. Fall pigs for sale, \$25 per pair; not related. Herman Groninger & Sons, Props., Bendena, Kan.

GRAND PERFECTION 77899.

Spring pigs by him for sale, price \$20; out of nicely bred sows. Shorthorn bull and heifer calves; price \$50.

JEWELL BROS.,

Humboldt, Kansas.

GOLD METAL 43343

By Bell Metal 40383 heads my herd of big type Polands. Breeding stock for sale at all times. Prices right.

JOHN C. HALDERMAN,

Burchard, Neb.

HICKORY GROVE FARM, the home of the big boned black and spotted Poland Chinas, the farmers' hog, and the kind that makes the most pork. Choice males for sale. Address

GEORGE & OLLIE TAYLOR, Cameron, Mo.

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.

175 BIG TYPE POLAND CHINA PIGS.
Both sexes, March and April farrow, sired by Bell Metal M. 54349 and Success 53651. Heavy boned and strong. Strictly big type. Reasonable prices.

J. E. BOWSER, Abilene, Kansas.

EXPANSIVE 34723.

The 1600-lb. boar assisted by Sampson Chief and Big Victor 2d head my herd of high class, big, smooth Poland Chinas. A few choice bred sows and gilts for sale. Write your wants now.

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. & P. SCHMITZ, Alma, Kansas.

SPRING MALES AND GILTS.

Now is the time to buy your breeding stock while the best is yet unsold. My pigs are strong and thrifty; are well bred and have been fed with an eye to future usefulness. Write me now. Address

C. H. TILLQUIST, Osborne, Kansas.

Sunshine Herd Poland Chinas

An exceptionally fine litter of March pigs by Bandmaster out of a Chief On and On sow. Also head sows for sale.

A. L. ALBRIGHT, Pomona, Kansas.

KING DARKNESS No. 149999

By Meddler 2d, and On the Spot by On and On, head my herd of richly bred POLAND CHINA SOWS. Boars, gilts and sows bred to the herd boars for sale. A nice lot of fall pigs. Write me.

E. J. MANDERSCHIED, St. John, Kan.

WALBRIDGE POLANDS**Quality**

L. C. Walbridge, Russell, Kansas

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. WOLFERSPERGER,

Council Grove, Kan., Mo.

If you want the best Polands on earth, get the names of What's Wanted, Long King's Best and Grand Look 2d in your herd, for there is not three better boars living today. Young stock for sale at all times. Brood sow sale Jan. 24. Pointers on hog raising free. Write your wants to

S. A. BUGG,

Hamilton, Missouri.

BIG TYPE POLAND BOARS.

Good ones for sale sired by Expansive, Expansion See, Once Gold Bell Metal. Out of big mature sows. Write for prices.

FREELAND & WILLIAMS,

Valley Falls, Kansas.

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.

DUROC JERSEYS

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.

DUROC JERSEYS**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.

DUROCS RICH IN COL. BLOOD

Headed by G. C.'s Kansas Col., mated with the greatest line of sows ever owned by one Kansas breeder. Stock for sale at all times. Bred sow sale Feb. 14.

CHAPIN & NORDSTROM,

Green, Kansas.

SPRING BOARS AND GILTS.

Best of breeding and top quality. Some early spring boars—good, strong, growthy fellows—will be priced right. By such boars as Agra Top Notcher, Paul Jumbo, Bonney K. and I Am a Bonney K.; also gilts of equal breeding, quality and size, priced right. Address

W. C. WHITNEY, Agra, Kansas.

SPRINGBANK DUROC JERSEYS.

Headed by W. H.'s Col., first prize junior yearling boar Hutchinson State Fair, 1908, assisted by Chief Orion, third prize aged boar.

Sow Sale—Ten tried sows by Chief Orion bred to W. H.'s Col. Come and see them.

W. H. WILLIAMSON,

Raymond, Kansas.

R. & S. FARM

150 Spring Pigs, sired by King of Kant Be Beat No. 38333, and Golden Ruler No. 80555. Write your wants. Bred sow sale Feb. 3, 1911.

RINEHART & SON,

Smith Center, Kansas.

25-DUROC BOARS-25

For Sale

Big, strong, smooth fellows of Neb. Wonder and Col. breeding. Excellent individuals out of matured sows.

CHESTER THOMAS,

Waterville, Kansas.

WOODLAWN DUROC JERSEYS.

Headed by Woodlawn Prince 53343. Sows of Ohio Chief, Orion, Topnotcher and other good families. For quick sale 5 good spring boars, \$25 to \$30 each; also bred gilts.

ROY H. OTT & BRO., Concordia, Kan.

HOGGETTE CURES AND PREVENTS SWINE PLAGUE

cholera. Money back proposition. Sold direct. Write for terms and particulars. UNGLE'S HOGGETTE CO., 130 No. 10th St., Lincoln, Neb.

W. F. DAVIS, Breeder of

HAMPSHIRE HOGS

Herd headed by the champion boar PAT MALOY 1415. Breeding stock for sale, either sex. Address,

W. F. DAVIS, SOUTH ST. JOSEPH, MO.

HAMPSHIRE HOGS.**HILLWOOD STOCK FARM.**

Breeders of Hampshire hogs. Twenty bred gilts for sale. Service boars, pairs and trios, no kin. The celebrated boar Erlanger No. 1039 heads this herd. Address

J. Q. EDWARDS,

Platte City, Mo., Route 2.

W. F. DAVIS, Breeder of**HAMPSHIRE HOGS**

Herd headed by the champion boar PAT MALOY 1415. Breeding stock for sale, either sex. Address,

W. F. DAVIS, SOUTH ST. JOSEPH, MO.

Don't try to get above your station

by cheap assumption. If you are a hired man you have nothing to be ashamed of on that account. If you do the family wash don't aggravate the situation by proclaiming yourself a "wash lady."

Frank Iams' Xmas Stallions



and mares are "par excellence," ideal "peaches and cream" horses. His 1910 "special trainload" of imported horses were bought in Europe when "crops" were the "poorest in 20 years." "Big floods," cold weather in July and August made horsemen throw all their "prize-winners" on the market. Iams was waiting there with "the gold." He made "a killing." 80 of his 160 horses are "prize-winners." "Ikey buyers," get the benefit of "Iams' killing" by seeing his horses, and you will sing "Iams' song."

Buy "Top-notchers" of Iams. He has "the goods" and "makes good." And "Big Ikey Horseman" "can't be lassoed and kept away from" IAMS' "Top-notchers." They are in the "pink of condition," like "ripe strawberries"—ready for a "good selling"—and all must "positively be sold." Get on to "IAMS' money-saving game." Buy stallions ready for "spring business," Ikey Boy. Be the "early bird," they get the choice of IAMS' "Black Boys" and Top-notchers. "Leave your happy home," visit the "peaches and cream" stallion man and save \$1,000. Every day is "bargain day," a "horse show day" and a day of "profit and pleasure" at IAMS' "Stallion and Mare Emporium," the largest in the United States. You will positively see here more imported stallions and mares—"top-notchers," medal-winners, "ribbon-grabbers," and every-day "business" horses—than at any "horse plant" in the United States, and double all others in Nebraska. IAMS backs up his "ad" and catalogue with a "\$500 bonus" (no others do this). He gives six of the best banks in Nebraska for reference.

IAMS' 160 Kings and Queens of PERCHERONS & BELGIANS

are all "top-notchers." No International "tailends," no "auction stuff" or "peddlers' horses," but the best bunch of big-boned, big drafters of quality and finish in the United States, and in the "pink of condition." IAMS is a "big fly in the ointment" in the "horse business." He "sets the pace for all competitors." IAMS "leads the procession," "Ikey Boy." Buy an imported stallion and two mares of IAMS, the horseman who "does things." Get into IAMS' Band Wagon; don't be "side-tracked" by any "hammer knockers." Ikey Boy, "waltz me around once again" and land me at IAMS' "four importing barns" and box office, filled to the roof with big "black boys and girls" at bargain prices. IAMS is the only horseman that really has "the goods" as advertised. 1910 promises to be the most prosperous year in history. Mr. "Stand Patter," "come on downtown." Sing IAMS' song." Buy Peaches and Cream horses of IAMS.

All the World Knows IAMS, the Big Horseman.

He has a loving feeling for horse buyers. He sold 60 imported stallions and mares to "Iowa boys" in 1909, and 150 "top-notchers" to the boys with brains in other states. IAMS sells \$4,000 imported stallions at \$1,000 and \$1,400 (some higher); imported mares in foal, 1,700 to 2,400 pounds, at \$700 to \$1,000; many medal winners. IAMS sells the "wide-as-a-wagon" kind that don't need to be "peddled" or put on the "auction block" to "catch suckers." IAMS is a horseman in a class by himself; he is selling more horses yearly. Ikey Boy, don't be the lobster; "be the wise guy after all." Try IAMS, the "peaches and cream" stallion man. He is the largest individual importer and breeder of Percherons and Belgians in the United States. IAMS has a "warm spot" in his heart for all stallion buyers.

He Saved \$300,000 to Stallion Buyers

In 1910 by selling stallions direct to the people, saving all middleman's profit. IAMS is an expert horseman. He knows the "top-notchers" and delights in selling first-class stallions at less money than any competitors. He is "push'n' and a-shovin'" high prices off the Christmas tree. He is "Johnny on the spot." He is selling more stallions than any ten men in the United States. He knows the "tricks" of the slick stallion salesmen that are "pulling the wool" over the eyes of the honest farmers and selling them a \$1,200 stallion for \$3,000 and \$4,000. "Son Ikey!" form your own "stallion company." Visit IAMS' town of barns filled to the roof with big "black boys," the "best ever"—"IAMS' kind." His 160 stallions and mares, two to six years old, weight 1,700 to 2,500 pounds, 90 per cent blacks, 50 per cent ton horses, are a horse show better than "the International."

IAMS' 1911 Horse Catalogue is an "Eye Opener" (Just Out)

A "bunch of gold," the "book of books," to stallion and mare buyers. It is full of "wide-as-a-wagon drafters"—the real "peaches and cream" stallions. It shows largest imported stallions and mares in the United States, "true to life," and truths, facts, "business propositions," and 115 illustrations of the best and the "tricks of stallion peddlers" and "auction block" salesmen. It is the finest, most elaborate, and original up-to-date book in the world. IAMS' twenty-eight years of successful business, importing and selling stallions, makes him a safe man to do business with. He sells stallions on honor. A boy or lady can buy as cheap as a man and get a better horse of IAMS, the "square deal" horseman. If you visit him and don't find every statement in his advertisement or catalogue as represented, you can get the \$500 that he hangs up. IAMS guarantees to sell you a

Better Stallion at \$1000 and \$1,400

(Few higher) than are being sold to farmers' stock companies at \$2,500 and \$4,000; with 60 per cent breeding guarantee, with freight and fare paid by IAMS. He can furnish buyers \$1,500 insurance. You say, "why can IAMS sell better stallions at half the price of others?" IAMS buys and sells every stallion himself. He buys stallions by special trainload, 200 at a time. He speaks the languages, saving 20 per cent. He is not in the "stallion trust," saving you \$300. He pays no "slick" salesman \$100 to \$1,000 to sell you a fourth-rate stallion. He has no two to ten partners to share profits with. He pays spot cash for his stallions; owns his farms, houses, barns, stocks and stallions.

He Sells Stallions by "Hot" Advertising

And having "the goods" to make every statement good. IAMS sells stallions so good that they do not need a "slick" peddler or the "auction block" to sell them. "Special prices" made at IAMS' barns only. IAMS Will Save you \$1,000 in Commissions and middleman's profits. "Papa dear," buy me a pair of imported mares of IAMS. They will raise me colts at six months old that will sell for \$500 and be good for twenty years. IAMS has the kind that lay these "golden eggs." Don't let one of these "auction men" "hand you a lemon" with one of these so-called American full bloods with questionable breeding.

IAMS' "Selling Clothes" Fit All Buyers.

Write for IAMS' million-dollar horse catalogue. IAMS' guarantee is backed by one-half million dollars. References: Omaha National and First National, Omaha, Citizen's National, St. Paul State Bank and First State Bank, St. Paul, Nebraska, and Packers' National Bank, South Omaha. IAMS buys big page ads, because it is cheaper and more reliable than the big flannel-mouth horse salesman.

ST. PAUL, NEBRASKA

Readers Market Place APIARY

CLASSIFIED ADVERTISING 3 CENTS A WORD

HELP WANTED.

AGENTS MAKE MONEY SELLING OUR wire stretcher. Perry Tool Co., 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.

REAL ESTATE.

TO SELL YOUR PROPERTY. WRITE Northwestern Business Agency, Minneapolis.

BUY OR TRADE WITH US. SEND FOR list. Bersie Agency, Eldorado, Kan.

FINE 160 IMPROVED, ONE MILE out. Write owner, E. Richardson, Winmore, Kan.

FOR SALE—IMPROVED JEWELL CO. farm. Price \$30 per acre. J. H. King, Cawker City, Kan.

WILL TRADE A GOOD FARM FOR stallions, jacks or other horses. Box 42, Formosa, Kan.

FARM LOANS MADE IN ANY AMOUNT from \$500 up, at lowest rates and on most favorable terms. Betzer Realty & Loan Co., Columbian Bldg., Topeka, Kan.

I HAVE A LADY CLIENT WHO WILL trade a quarter of good land for a city residence; another client will trade for auto; another a plow engine. G. N. Kysar, Goodland, Kan.

LAND WANTED—WILL PURCHASE for cash and terms best bargains or snaps offered us in good, low priced, unimproved western Kansas land. Land Investment Company, Chanute, Kan.

THE BEST IMPROVED ALFALFA FARM in Garden City district; 100 acres alfalfa; full water rights; telephone, R. F. D. Offering exceptionally cheap with terms if sold before Feb. 1. Box 165, Deerfield, Kan.

OREGON INFORMATION—FOR AUTHENTIC detailed information concerning fruit growing, dairying, general farming, manufacturing and business opportunities in any part of Oregon, address Portland Commercial Club, Room 542, Portland, Ore.

FARM FOR SALE—MY FARM IN Wheatland township, 2 1/4 miles south of Muncie; the west 1/2 of the east 1/2 of section 7, township 15, range 17; all fine wheat land; improved. Call or write me at Muncie. Casper Klaus or H. M. Oshant, Hays, Kan.

FARMS WANTED—DON'T PAY COMMISSIONS. We find you direct buyer. Write, describing property, naming lowest price. We help buyers locate desirable properties FREE. American Investment Association, 43 Palace, Minneapolis, Minn.

UPLAND AND BOTTOM FARMS, LARGE and small, on easy payments, in Jefferson, Shawnee and Osage counties. J. F. True, 1620 Roswell, Topeka, Kan. Ind. phone 2C13 black.

CUBA—MOST PRODUCTIVE SOIL. Delightful and healthful climate. Ample rainfall. Cheapest transportation facilities to the world's greatest markets. Particulars free. Sanderson, 35 Palace Building, Minneapolis.

MAKE SOME EXTRA MONEY THIS winter. You can do it easily by taking subscriptions to KANSAS FARMER in your neighborhood. Liberal commissions paid to workers. Write for plans and terms at once. Good territory open, especially in Kansas. Address KANSAS FARMER, Topeka, Kan.

300 ACRES IN TEXAS CO., OKLA.—260 a. cultivated, 160 a. pasture; splendid well, soft water, windmill; new house; 2 barns, other outbuildings; 100 black locust trees 2 years old; rich black soil, land level, in one body; school house on section corner; 2 mi. from Turney, 20 mi. N. W. of Guymon; lies in arable belt between Cimmaron and Beaver rivers. Price \$6,500. Will sell all or part. Write John A. Fitzpatrick, Shelton, Okla.

FOR SALE OR TRADE—FIVE ROOM modern cottage, Salina, Kan.; five quarter sections tropical Mexico; time payments; 160 a. 6 mi. Winona, Kan.; time payments. Address J. W. B., 1002 South Santa Fe, Salina, Kan.

POULTRY.

S. C. BROWN LEGHORN COCKERELS for sale. Mrs. L. H. Hastings, Thayer, Kan.

25 CENT PACKAGE FOR .09 CENTS stamps, will prove Nash Poultry Remedy cures sick chickens; increased egg production. Dept. C., Nash Poultry Co., Oklahoma City, Okla.

HOGS.

FOR SALE—NICE REGISTERED DUROC Jersey bears and gilts; spring farrow; good breeding. I. W. Poulton, Medora, Kan.

CATTLE.

HOLSTEINS AND JERSEYS, REGISTERED and high grades. G. G. Burton, Topeka, Kan.

FOR SALE—REGISTERED YEARLING Red Polled bull; good individual. I. W. Poulton, Medora, Kan.

CHOICE BREED HOLSTEINS; SOME just fresh. Come and make your choice or write your wants. Joshua F. Mast, Scranton, Kan.

HOLSTEIN HEIFERS—A NICE BUNCH of 2-year-old springers, many practically full blood, bred to registered bulls; all tuberculin tested; any number you desire. Ira R. Romig, Station B, Topeka, Kan.

A LYS DALE SHORTHORNS—HERD headed by Archer's Victor No. 292012. For sale, a choice lot of richly bred yearling bulls; also some heifers and cows, at prices easily within the reach of any farmer who wishes to improve his herd. Write or call on Chas. W. Merriam, Columbian Building, Topeka, Kan.

HORSES AND MULES.

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

FOR SALE—TWO BLACK PERCHERON stallions coming 3 years old, bred by Bosquet; will sell them cheap, if sold in the next 30 days; will trade them for cattle or mares. Chas. Freeman, Belvue, Kan.

DOGS.

GOOD WOLF HOUND PUPS FOR SALE. Geo. Vernon, R. 2, Simpson, Kan.

SCOTCH COLLIES—PUPS AND YOUNG dogs from the best blood in Scotland and America now for sale. All of my brood bitches and stud dogs are registered; well trained and natural workers. Emporia Kennels, Emporia, Kan. W. H. Richard.

SEEDS AND PLANTS.

SAVING \$10.00 BY INVESTING \$-1/2—seems worth investigating; 1/2 cost on your clover seedling saved by writing to me. Otto Greif, Pittsburg, Kan.

BRED CORN—PURE BRED, GUARANTEED graded; Boone County White. Now is the time to buy. Price \$2 per bushel. J. F. Haynes, Grantville, Kan.

SAVING \$10.00 BY INVESTING \$-1/2—seems worth investigating; 1/2 cost on your clover seedling saved by writing to me. Otto Greif, Pittsburg, Kan.

SEED CORN—HIGH TESTING VARIETIES. Boone County White, White Commercial, White and Kansas Sunflower. J. M. McCray, member Kansas Corn Breeders' Association, 901 Moro St., Manhattan, Kan.

REGENERATED SWEDISH SELECT oats, the thinnest skinned, heaviest yielding oats in America; guaranteed free from smut; 75c per bu., graded, sacked in new grain sacks, loaded on board R. I. cars Rydal or Mo. Pac. at Scandia. A. Bushby, Rydal, Republic county, Kansas.

WANTED—ALFALFA, RED CLOVER, timothy, millet, cane and other seeds. Write to The Bartles Seed Co., Lawrence, Kan.

WANTED—CANE SEED, KAFIR CORN, millet, percorn, clover, timothy, etc. Send samples. Hays Produce Co., 24-26 N. Kansas Ave., Topeka, Kan.

HIDES AND FURS.

SHIP HIDES AND FURS TO JAMES C. Smith Hide Co. Quick returns. Highest prices. Write for prices and shipping tags. Topeka, Kan.

MISCELLANEOUS.

EXCHANGES, QUICK SALES, LARGE list. Address Room 1, Continental Bldg., Omaha, Neb.

FOR SALE—CAR LOAD OF CATALPA posts. F. M. Woods, Vinland, Kan.

AUTOMOBILE FOR SALE—I HAVE A 35-30 four-cylinder five-passenger Overland touring car fully equipped and in excellent running order; will sell cheap. R. L. Thompson, Delphos, Kan.

YOU CAN HAVE A FAMOUS B. D. Knife Sharpener. Send us your name and address with only 25c to cover handling and we will send it prepaid. An article of merit. For home or shop. Write now. J. B. Walker Co., 5227 Indiana ave., Chicago, Ill.

TYPEWRITERS.

REMINGTON TYPEWRITER CHEAP. Perfect condition. Could ship on approval. Frank K. Payne, Route 5, Rosedale, Kan.

THE GREAT WORLD'S FAIR PRIZE-WINNING SEED CORN and all kinds of field seeds; also garden seeds at FARMERS' PRICES. Poland China male pigs and Barred Rock cockerels. Send now for catalog. It's free. It tells you how to grow corn. Big annual stock sale Feb. 17, 1911.

JOHN D. ZILLER, The Farmer Seed Corn Grower, Hiawatha, Kansas.

FIELD NOTES.

Wallace's Great Brood Sow Sale. The writer called last week at the W. B. Wallace breeding farm at Bunceton, Mo. The Wallace farm is the home of the Missouri State Fair champion Poland China bear, Expansion Wonder, by Expansion and out of a Johnston Chief sow, one of the best crosses that can be made from a big-type pedigree standpoint. Expansion Wonder is rightly named. He is a wonder, and it has been said by many good judges of Poland Chinas that he was one of the greatest Poland China bears for his age ever shown at the Missouri State Fair. Choice sows bred to this great hog should be in good demand in the February 8 sale. Expansion Wonder is assisted by a very promising young boar, Grand Leader by Grand Look, Jr., and his dam was High Ball Lady. Grand Leader has proven a great breeder. Sows bred to him averaged \$86 in Mr. Wallace's fall sale. Mr. Wallace is not only selling some of the best sows from his own herd but selling the best sows that were sold last year in the well known herds of H. C. Dawson, six to eight sows from C. S. Nevis' herd by Designer and Major Look, four from Falk Bros., at Richmond, Mo., three good sows from Roy Johnston's herd by Orphan Chief, two good daughters by Taxpayer. The entire offering as a whole amounts to one of the strongest collections of brood sows ever put up at auction in the corn belt and bred to two of the greatest boars of the Poland China breed. This will be a great opportunity for breeders to buy sows to raise litters that will sell well next fall and prove a valuable investment for the purchaser. The advertisement for this sale will appear in a later issue of Kansas Farmer. The fine illustrated catalog will be ready to mail out on January 15. It will be full of valuable information about the Wallace breeding farm and the sale offering. Don't fail to read the ad and send for a catalog. It will do you good to read it. Kindly mention the Kansas Farmer when you write. (Continued on page 28.)

Straws from Dodge City.

BY J. C. FRANK.

Encourage and build up your home markets.

Old rusty iron and tin will discolor wax and spoil it.

One or two miles are not too far for bees to go for forage.

The egg of the queen is analogous to the egg of fowls and birds.

Honey is a sweet substance secreted by the nectaries of flowers.

It is always best to get rid of laying workers as soon as possible.

It is now too late to build up weak colonies, hence such had better be united.

When honey is stored in a damp place, it will absorb moisture and ferment.

When natural forage is scarce, bees will gather sweets from many sources.

Sections that are only partially filled with honey had better be extracted.

I am satisfied that it will never pay to cultivate plants exclusively for honey.

A good smoker is indispensable. See that it is in good order, and always ready.

There are very few places in our country where there are no honey yielding plants.

It must be remembered that nearly all honey will gradually granulate in cold weather.

In the preparation of many medicinal compounds honey plays a very conspicuous part.

Quite a number of contrivances have been invented to fasten foundation in the sections.

When working in the apiary it is best to carry along a light box to put all the bits of comb in.

That there is a capacity for improvement in the honey bee I think can hardly be questioned.

The practice of the science of beekeeping is not unlike the pursuit of other branches of science.

In some sections of our country it is much easier to produce the honey than it is to find a market for it.

There are few places where honey can not be sold if proper means are used to call attention to its merits.

In places where there is only an ordinary demand for honey, caution should be used not to glut the market.

The highest type of a queen can only be obtained when all the conditions for her development are the most perfect.

Every good, strong colony will need from 20 to 30 pounds of honey to see them safely over the winter and bad days of spring.

The Canadian Bee Journal for September prints the following: "A very peculiar and perhaps unparalleled accident happened a few days ago in a neighboring county. Two ladies were driving along the roadway over which hung some large trees. In passing under one of these the top of the buggy struck a swarm of bees hanging from one of the branches. The top of the buggy cut the swarm in two midway; the lower half dropped into the buggy upon the laps of the ladies. Of course there was a commotion. A couple of men happening along at the moment prevented what might have proved a serious accident."



Kellogg Plants

Will Yield \$500 to \$800 per Acre. THE Kellogg 1911 strawberry book is the most complete treatise on strawberry growing ever written. It tells the farmer how to grow big crops of big, red strawberries and how to sell them at big prices. No matter where you live or what kind of soil you have, this book will tell you how to prepare your soil, what varieties to set, and how to manage the plants to insure best results. One acre of Kellogg Thoroughbred plants grown the Kellogg way will yield \$500 to \$800. Get this beautifully illustrated 64-page book and learn how easy it is to grow strawberries for market or home use. It's free. I. M. KELLOGG COMPANY, Box 76 Three Rivers, Mich.

RUGS Save \$5 To \$10 ON Room Size Rugs

You can easily do it at our prices. We sell direct to you on cash, freight prepaid. Note these values: 12x18 Brussels Rugs, reg. \$10.85, our \$8.95; 12x18 Axminster Rugs, reg. \$18.95, our \$15.95; 12x18 Axminster Rugs, reg. \$22.95, our \$19.95; Room size Art Squares, 7x9, \$25.00 up; Lace Curtnes 4in. a pair up; Carpets, Linoleums—everything in floor coverings and curtains, twice the selection you can get at home; newest styles, latest patterns; superior quality, all shown in actual colors in our large, new, handsomely illustrated Free Catalog. Write us today, get our free, new catalog, and get our propositions direct-to-you. APPROVAL OFFER: and our money-saving cash prices. Address: TELFER CANYE CO., 200 West St., San Rafael, Ca.

NOW IN AN ORCHESTRA

How Music Lessons FREE

from U. S. School of Music Started Him

"I could not play a note when I received the first lesson from you, and now I am playing in a good orchestra of ten pieces, and can read music and play as well as any of them. I shall always recommend your home study school of music." That is what Eli Smith, Jr., R. R. No. 2, Marietta, Ill., writes after a one-year course on the violin.

Eli Smith's only expense under our free tuition plan was for postage and music. That cost him less than Two Cents a day, and he was under no further obligation whatever.

If you wish to learn to play the Piano, Organ, Violin, Guitar, Mandolin, Banjo, Cornet, Cello, or learn to Sing, our teachers will come to you by mail once a week with a lesson until you can read music and play your instrument to your own satisfaction.

Over ten thousand weekly lessons are now being sent to homes all over the world to pupils in all walks of life, from seven years of age to seventy.

Our free tuition plan will enable you to get weekly lessons costing You less than two cents a day. It will be your only expense and places you under no further obligation whatever.

This school has been established since 1898. Don't be deceived by imitators.

Don't say you cannot learn music, but send for our booklet and free tuition offer. It will be sent by return mail free. Address U. S. SCHOOL OF MUSIC, Box 342, 225 Fifth Avenue, New York City.

Instruments supplied when needed. Cash or credit.

KEYSTONE DEHORNERS

Easily and quickly dehorn cattle. Cut clean. Dehorning makes animals gentle and friendly. Cows give more milk. Steers make better beef. Booklet about dehorning free. M. T. PHILLIPS, 133 Main St., Pomeroy, Pa.

Our Great Farm Library offer on page five of this issue will certainly interest every reader of KANSAS FARMER. Look it up.

WILEY & SONS' Great Percheron Sale!

**SALE TUESDAY AND WEDNESDAY
JANUARY 24 AND 25, 1911**

100 High-Class Drafters

...INCLUDING...

Registered and Imported Stallions and Mares
Registered Belgians Registered Shires
Registered French Draft
And a Few High-Grade Mares and Geldings

THE FIRST DAY'S SALE

Includes all the Imported and Registered Percheron Stallions and Mares, as well as a few Registered Belgians, Shires and French Draft. A dozen prime Stallions and nearly 40 Mares. The Imported Mares now on the way have been bred to the leading stallions of Europe. All other Mares of suitable age are safe in foal and showing it, to our imported herd horse.

OUR ENTIRE SHOW HERD

As exhibited at the Kansas State Fair, Topeka, with the exception of one animal, will go in this sale—18 head, including five Stallions, 2 to 4 years old, and 13 Mares and Fillies, from yearlings to 5 years.

THE SECOND DAY. You will find something in this offering that will suit you if you want a good team of geldings, work mules or grade brood mares. You better buy early and avoid the rush and higher prices when the spring demand begins.



Don't Miss the First Day THE IMPORTED PERCHERONS ALL SELL THEN, AND THE SALE BEGINS AT 10 O'CLOCK A. M.

Remember, the Sale will be held at **Strong City, Kans.,** On Main line of the Santa Fe Ry. All Trains Stop

...THIS WILL BE A HORSE SHOW WORTH GOING MILES TO SEE...

You are welcome whether you buy or not. Be our guests Sale Day. Remember the dates and arrange to attend. Write for Catalogs.

L. R. WILEY & SONS

Auctioneers: R. L. HARRIMAN, JAS. W. SPARKS,
C. CROUCH and A. B. WOOD.

Elmdale, Kansas



**CHAS. KNIGHT'S
DISPERSION**



SHORT HORN SALE

WEDNESDAY, JAN. 18th.

OKETO, KANSAS

At Farm, Three Miles From Town

35 head, representing some of the best families such as Young Marys, Caroline Goodness, etc., 25 good, useful young cows and heifers including several daughters of the noted bull, Red Knight. Eleven of them have calves at foot by the herd bull, Baby Conqueror 288373 by The Conqueror, one of the noted Scotch bulls used with great success in the Tebo Lawn herd. All of the females old enough to breed will be in calf to Baby Conqueror.

9 blocky red bulls in age from 9 to 24 months, also the herd bull, Baby Conqueror. The older heifers and three bulls were sired by Kansas Boy 265224, one of the best sons of Secret Prince, first prize bull at Nebraska State Fair. The Conqueror was sweepstakes bull at the same fair. The offering as a whole is a good, useful one and we believe will be appreciated by those that attend. All of the young stuff is by Baby Conqueror and very promising. Catalogs ready to send upon application. Free transportation from Oketo, Kan., or Barnston, Neb.

AUCTIONEERS—F. E. KINNEY, BOSS WRIGHT, FIELDMAN, JESSE JOHNSON.

CHAS. D. KNIGHT, Oketo, Kansas

JOHNSTON'S POLAND CHINA BRED SOW SALE

At Farm Near Southmound, Kansas

JAN. 20 1911

44 head, consisting of the queens of the breed, such sows as Beauties Only by Hutch, dam Expansion Beauty bred to Blain's Wonder; Pansy Pan by Expansion, dam Orphan Girl—Orphan Girl sold for \$365 in the Dawson sale, going to Thompson Bros. herd; Pansy Pan is safe to Blain's Wonder; Cosette by Blain's Wonder, bred to Orphan Chief; Bx by Mammoth Ex, dam Bonnie B. and the best Blain's Wonder sow on the farm, sold bred to Orphan Chief; Lady May by Chief Victor, dam Lady Clover, bred to Orphan Chief; May Lady by Blain's Wonder, dam Logan Beauty, the largest sow in Kansas, bred to Orphan Chief; Maud G. by Michael's Wonder, sold bred to Standard O. K.; Sterling Lady by Sterling Jumbo, dam M. B.'s Lady Mate 3d, bred to Erie's Prospect. Many other choice sows and gilts of the large, smooth type, the best lot I ever offered. Send for my catalog early and come to my sale and look at my entire herd and herd boars, then you will be the judge. If you cannot come bids sent to O. W. Devine, representing Kansas Farmer, will be honestly handled.

AUCTIONEERS—COL. FRANK J. ZAUN, COL. H. HOHENSTEIN.

Roy Johnston, Southmound, Kansas



IMPORTERS AND BREEDERS.

Percherons, Shires and Belgians

75—HEAD MARES AND STALLIONS—75

We won more prizes at Kansas State Fair than any one exhibitor, which proves the quality of our horses. Just one word with you, Mr. Buyer: If you will come and inspect our horses and if you don't say that we have as good a bunch as you ever inspected, and our prices the lowest, considering quality, we will be glad to pay your expenses. Write or come and see us before buying elsewhere, for we will save you money.

**L. R. WILEY & SONS
ELMDALE, CHASE CO., KANSAS.**

Mr. Horse Buyer

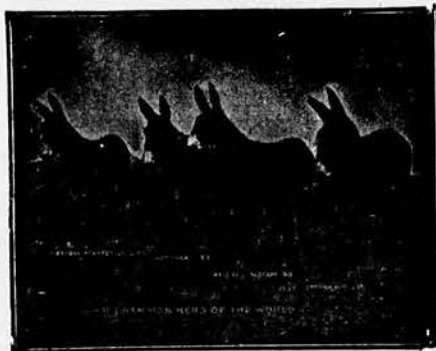


have you ever visited our importing establishment? If not, it will be money in your pocket to call and inspect our offerings and get our prices before buying elsewhere. We claim without fear of contradiction that we have the greatest importing establishment in the United States today, more good horses to select from than can be found in any other stables and we can sell you a better horse for \$1,000 to \$1,400 and give you a larger number of good horses to select from than you can find elsewhere.

75 Head of Imported Percheron and Shire STALLIONS and MARES

now in our barns, the big, heavy boned drafty type. We have been importing horses for 30 years and our business has continued to grow from year to year. This has not been done by HOT ADVERTISING, but because we have always given our customers a square deal, had the goods as advertised, selling them good horses at the lowest possible prices, given them a liberal guarantee, stood behind the same and always made our word good. We invite you to call and see us. Write Dept. "C" for our new catalog, addressing,

Watson, Woods Bros. & Kelly Co. Dept. 1 Lincoln, Neb.



Limestone Valley Farm

—Headquarters for high class jacks and jennets. No public sale 1911, but have a barn full of good jacks and a pasture full of good jennets at private sale. Every animal a good one, fully guaranteed and well worth the price.

**COME AND SEE US.
L. M. MONSEES & SONS.
Smithton, Mo., Pettis Co.**

VALLEY SPRINGS PERCHERONS

IMPORTED AND HOME-BRED STALLIONS AND MARES.

The big, rugged kind, with heavy bones, fine style and good action. No better blood lines in America. Black Kentucky Jacks and Jennets, with size and quality.

O. P. HENDERSHOT,

Hebron, Neb.

FIELD NOTES.

Hereford Bulls and Females.

With this issue, H. V. Bollock of Wellington, Kan., starts an ad for his Hereford cattle. Mr. Bollock is offering two very promising young bulls sired by Enterprise (12614), dam Prairie Queen (127345). They are bulls that are good enough for herd headers. The low-down, blocky type, with a good upper and lower line, heavy, strongly built fellows and in good condition. They are from the Gudgel & Simpson breeding and carry the blood lines of old Anxiety 4th. The writer has seen these bulls and can say they are fine individuals and in good condition. Mr. Bollock is offering a few choice females of the same breeding that are good. Prospective buyers can make no mistake in buying from this herd. While Mr. Bollock is a new breeder, and has only a small herd, he has given them good care and has grown them both with size and quality. Look up ad on another page and write your wants. Kindly mention the Kansas Farmer.

Blain's Wonder and Orphan Chief.

On January 20, 1911, will be a grand opportunity for breeders to buy brood sows bred to Blain's Wonder and Orphan Chief. Roy Johnston has had many calls for the get of these two great herd boars, but has been unable to furnish them. In this sale he will sell a class of brood sows bred to these boars that breeders can not afford to overlook. They have all been bred early in November for early March litters and are now showing safe. Such sows as Beauty's Only by Hutch, dam Expansion Beauty and bred to Blain's Wonder ought to be a good buy. Pansy Pan by Expansion, dam Orphan Girl, which sold in Dawson's sale for \$365, and Pansy Pan, bred to Blain's Wonder promises to be a better bargain. Cosette, by Blain's Wonder and safe to Orphan Chief, ought to sell right at the top of the sale. Bx, by Mammoth Ex, dam Bonnie B. Bonnie B. is the best Blain's Wonder sow on the farm and a litter mate to the gilt that sold for \$90 in Mr. Johnston's last fall sale a year ago, going to Harry Hoak at Attica, Kan. Bx will be safe to Orphan Chief. The whole lot of sows are good. Please mention the Kansas Farmer when you write.

Sutton's Daddies and Berks.

No man in the West has done more for the advancement of Aberdeen-Angus cattle than Charles E. Sutton. Every breeder of that wonderful breed, every lover of good cattle and every farmer of the corn belt owes him a debt of gratitude. Taking up this breed before its possibilities were well known he has demonstrated its value not only as a beef breed but as a market toping breed. Sutton's daddies are known far and wide, and they have always made good. With his long experience and his care in selection and mating, he now has better animals than he has ever offered before. Since Mr. George Porteus became associated in the management of Sutton Farms their reputation for quality in their cattle has grown and they now stand second to none. Mr. Sutton has been equally successful in breeding Berkshires, though this

breed did not need the introduction required by the Angus cattle. Selecting and adhering largely to the Black Robin Hood family, of which Masterpiece was perhaps the best known representative, he has made Berkshire history. There may be as good herds of Angus cattle and Berkshire hogs in the West, but there are none better. Note his advertising card and write him your wants. Mention Kansas Farmer, please.

Pearl Shorthorns.

C. W. Taylor of Pearl, Dickinson county, Kansas, is one of the best known Short-horn breeders, and he has earned his reputation because of the quality of his cattle and the size of his herd. When a breeder has a large herd it gives the buyer a much better chance to select. The Pearl herd is a big one and from it there are now offered 50 choice bulls for sale. These young bulls were sired by Headlight 2d 243305, Bold Knight 179054, Scottish Ruler 165500, Silvery Knight 298653 and Collynie's Pride 249789. They are mostly reds and run from 5 to 20 months old, well grown out and in good condition. They will be sold singly or in lots to suit. Ship over Santa Fe, Rock Island, Union Pacific or Missouri Pacific roads. Mr. Taylor probably has just what you want. Mention Kansas Farmer when you write him and see if he has.

I am getting. More pigs later on. Kansas Farmer for the present, as I have sold all of my pigs and it takes Poland China Breeder, Attica, Kan. Please stop my advertising card in too much time to answer all the letters.
HARRY W. HOAK,

Chicken Raising Made Easier.

When one reads the reports of poultry production for the states of Nebraska, Kansas, Missouri, Iowa, South Dakota and other states and notes the huge figures under which the values of poultry and eggs run, one must wonder how this great production is made possible. Especially is this true when we compare present day figures with those of ten years ago. Without hatching and brooding improvements the great growth in these values would as yet be pretty much unknown. Probably the first successful, moderate priced incubator which found a general nation-wide use, was the Sure Hatch incubator. This machine was at once a radical departure, at the time of its invention, from what was then considered necessary to make a good incubator. The almost instant success of the Sure Hatch was remarkable, and its growth through succeeding years showed that it was in every way a reliable and satisfactory result producing machine. After 14 years the Sure Hatch is found holding its own. The new catalogue now being sent out by the manufacturers is one that should be in the hands of every intending incubator buyer. It is a pleasure to invite our readers to send for this catalogue to the Sure Hatch Incubator Company, Box 42, Fremont, Neb.

(Continued on page 30.)

J. A. FEE & SON PERCHERON SALE

**AT STAFFORD, KANSAS
THURSDAY, JANUARY 12, 1911**

9 - IMPORTED STALLIONS - 9
TWO TO FIVE YEARS OLD.

9 - IMPORTED MARES - 9
TWO TO FIVE YEARS OLD.

One American bred registered Percheron stallion, one registered Standard bred stallion. All the mares are bred to an imported Percheron stallion and we believe safe in foal. All the young stallions will make ton horses when matured. We bought these horses in France and we selected the best we could find and they are from the best blood lines we could find and all are registered in the Percheron Society of America. Stafford is on the Santa Fe and Missouri Pacific Ry., good train service. Send for a catalog at once and arrange to attend the sale.

J. A. FEE & SON, Stafford, Kan

AUCTIONEERS—COL. R. L. HARRIMAN, COL. JOHN D. SNYDER,
COL. CLYDE C. HORNE.

LAKEWOOD FARM

The Greatest Breeding Establishment in the World

Our Percheron winnings at the recent Chicago International, which is conceded to have been the greatest Percheron Show ever held in the world, has never been equalled before.

At this great show, we won:

CHAMPION STALLION, showing four of his get (CALYPSO)
CHAMPION AMERICAN BRED STALLION
RESERVE CHAMPION AMERICAN BRED STALLION
CHAMPION MARE
CHAMPION AMERICAN BRED MARE

Also TWENTY-FIVE other prizes. All of these CHAMPIONS were sired by the world's famous CALYPSO.

LAKEWOOD FARM IS HEADQUARTERS FOR THE BEST, and our prices are reasonable. Send for illustrated catalog.

H. G. McMILLAN & SONS, Props.

Rock Rapids, Iowa

AVONDALE STUD FARM--CLYDESDALES

LARGEST IMPORTER AND BREEDER OF CLYDESDALES IN U. S.

Our winnings at the State Fair, including the Grand Champion Stallion of the International, 1910, is our best advertisement. Those wanting stallions or mares should write for catalog or visit the farm. To make room for other importations in February, we will make a special discount for next 30 days. We are 49 miles west of Peoria on the C., R. I. & P. Ry. **JOHN LEITCH, Proprietor, La Fayette, Ill.**



PERCHERON MARES

Weanlings to 4 years old in matched teams, including the Kansas State Fair and American Royal champions, all registered or can be registered in Percheron Society of America. Good clean lot of heavy bone mares and bred to the champion stallion of Kansas State Fair at Hutchinson, 1910. Come and see me.

F. D. WEBB, Sterling, Kan.

PERCHERONS, BELGIANS AND GERMAN COACHERS

First importation arrived October 22. The best we could buy in the old country. Our barns are full of Stallions and Mares from 1 to 6 years old with plenty of size and quality. We have 2-year-old stallions weighing a ton or better, and are pricing them at figures that will interest every one contemplating the purchase of stallions or mares. **YOU PAY NO AUCTIONEERS OR HORSE COMMISSIONER** when you buy from us. Barns located so we can show horses any time between trains. A 60 PER CENT GUARANTEE GIVEN WITH EVERY HORSE.

SKOOG, REED & DE COW,

Holdredge, Nebraska.



ROBISON'S PERCHERONS

For sale now, 100 head of stallions, mares and colts, of all ages. All stock recorded in Percheron Society of America.

ADDRESS BOX C,
J. C. ROBISON, Towanda, Kan.



LAFAYETTE COUNTY JACK FARM

ONE MILE FROM TOWN.

50 JACKS

65 JENNETS

Two to five years old, my own breeding, for sale at private treaty. Safe in foal to Dr. McCord. My prices will move them.

In my March sale Jacks sold up to \$1,625. In my present offering are many that are better. I cordially invite Jack buyers to come and see this offering or write me for further particulars and prices.

W. J. FINLEY, Higginsville, Mo.

PERCHERON IMPORTING CO. AT THE FOUR BEST SHOWS IN THE WEST WE WON:

12 times champion stallion any age.
6 times champion group of five stallions. 29 times first in stallion classes.
Champion Percheron stallion at Inter-State Fairs.
Champion Shire Kansas and Missouri State and Missouri State Fair.
Champion Belgian Kansas, Missouri and American Royal.
All our horses are imported. We sell as low as anyone on earth, quality considered. Our guarantee and insurance are the best.
PERCHERON IMPORTING CO., South St. Joseph, Mo.

HOMEWOOD STOCK FARM

IMPORTERS AND BREEDERS OF

Percheron Belgian Shire Stallions and Mares

NOTICE TO PROSPECTIVE BUYERS:

For the benefit and convenience of our Western trade, we have established a permanent branch barn at Abilene. Prospective buyers are cordially invited to inspect our stock here, and if you don't find just what you are looking for, we will be pleased to accompany you to the home barn at Homewood, Ill., where we can show you 100 head of big, drafty Stallions and Mares with plenty of bone and quality. Every horse guaranteed sound and a satisfactory breeder. Prospective buyers should see this stock before buying elsewhere. We have a car load shipped direct from the International. Write us your wants, or better still, come and see us. Abilene is on the Rock Island, Santa Fe and U. P. railroads.

Barns 2 Blocks
North U. P. Depot.

S. METZ & SONS

ABILENE, KANSAS



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-opener prices just now. Barns only four blocks from A., T. & S. F. depot.

EMPORIA, KAN.

EASY TO GET THERE.

Riverside Stock Farm

Importer and Breeder

FOR SALE—12 head of registered Percheron stallions from 2 to 5 years old, 8 head of registered mares and fillies; the good bone kind; also two large standard bred stallions; also a few good big jacks. All this stock will be closed out at a low price and must be sold before March 1st. All pedigrees and breeding guaranteed. Come and see them and get your choice.

O. L. Thisler,

Chapman, Kansas

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.

Registered

SHETLAND PONIES FOR SALE

The Pure Shetland is the Child's Pony
Correspondence Solicited

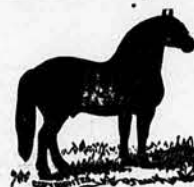
N. E. STUCKER

OTTAWA, KAN.

DUNHAMS' PERCHERONS

For forty-six years renowned as the best of the breed. Six large importations since February 1, 1910 (the last arrived October 12th), insure fine selection, as each animal was individually selected for size, bone quality and excellence. If you want choice stallions or mares, write for catalogue, illustrated from life.

**W. S., J. B. & B. DUNHAM
WAYNE, ILL.**



Percherons Belgians and Shires

Also Shetland Ponies. Will have a good importation of stallions of the breeds mentioned Jan. 1. Now offering special bargains in mares to make room. Call on or write Joseph M. Nolan, Paola, Kan., 40 miles south of K. C. Please mention the Kansas Farmer.

REGISTERED HORSES O. K. BARNS, 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.

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.

Up-to-date Poland China hogs. Write your wants.
N. N. HOLDEMAN, Maude, Kansas.

FIELD NOTES

FIELD MEN.

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



PURE BRED STOCK SALES.

Horses.

Percherons, Belgians and Shires.
Jan. 10, 11, 12, 13, 1912—Breeders' Sale Co., Bloomington, Ill.
Jan. 12—J. A. Fee & Son, Stafford, Kan.
Jan. 24, 25—L. R. Wiley & Sons, Elmdale, Kan.
Feb. 28 and March 1, 2, 3, 1912—Breeders' Sale Co., Bloomington, Ill.
Feb. 14—J. C. Robinson, Sale at farm, Towanda, Kan.

Jacks.

Feb. 16—Petty Bros., Sedalia, Mo.
March 1, 2—W. J. Finley, Higginsville, Mo.
March 7—G. C. Roan, La Plata, Mo.

Shorthorns.

Jan. 18—Chas. D. Knight, Oketo, Kan.
Jan. 26—Mitchell County Breeders' Association, J. W. Rogers, secretary, Beloit, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 21—S. B. Amcoats, Clay Center, Kan.
June 6—C. S. Nevius, Chiles, Kan.

Holstein Cattle.

Feb. 7, 8, 1912—Rock Brook Farm, Sta. B, Omaha, Neb., 150 head will be offered.

Herefords.

Jan. 26—Mitchell County Breeders' Association, J. W. Rogers, secretary, Beloit, Kan.
Feb. 28—Jones Bros., Council Grove, Kan.
Feb. 17—J. O. Bryant, Savannah, Mo.
Feb. 18—James A. Larson, Everest, Kan.

Polled Durhams.

Feb. 25—C. J. Woods, Chiles, Kan. Includes show herd.

Berkshires.

March 2—Charles E. Sutton, Sutton Farms, Lawrence, Kan.

O. I. C. Swine.

Jan. 24—H. L. Bude, Elmer, Neb.
Feb. 16—Fantz Bros., Pleasant Hill, Mo.

Duroc-Jerseys.

Jan. 18—Thompson Bros., Garrison, Kan.
Jan. 23—E. W. Davis & Co., Glenwood, Mo.
Jan. 30—A. T. Cross, Guide Rock, Neb.
Jan. 31—Ward Bros., Republic, Kan.
Feb. 1—G. C. Norman, Winfield, Kan.
Feb. 1—W. E. Monaghan, Formosa, Kan.
Feb. 2—C. P. Phillips, Ebon, Kan.
Feb. 3—Rinehart & Son, Smith Center, Kan.
Feb. 4—W. C. Whitely, Agra, Kan.
Feb. 6—J. L. Williams, Bellaire, Kan.
Feb. 8—C. A. Tiller, Pawnee City, Neb.
Feb. 9—Samuelson Bros., Cleburne, Kan.
Feb. 10—Samuelson Bros., Blaine, Kan.
Feb. 14—Chapin & Nordstrom, Green, Kan. Sale at Clay Center, Kan.
Feb. 15—H. E. Carter, Asherville, Kan.
Feb. 16—Leon Carter, Asherville, Kan.
Feb. 16—W. T. Fitch, Minneapolis, Kan.
Feb. 17—L. E. Boyle, Lindsay, Kan.
Feb. 22—Philip Albrecht, Smith Center, Kan.
Feb. 27—E. R. Morgan, Blue Rapids, Kan.
March 1—Frank Elder, Green, Kan.
March 16—E. S. Davis, Meriden, Kan.

Poland Chinas.

Jan. 20—Roy Johnston, South Mound, Kan.
Jan. 24—S. A. Bugg, Hamilton, Mo.
Jan. 26—W. R. Stump, Blue Rapids, Kan.
Jan. 27—A. C. Lobaugh, Washington, Kan.
Jan. 28—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 2—Baker Bros., Butler, Mo.
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.
Feb. 8—J. Charles, Republic, Kan.
Feb. 8—W. B. Wallace, Bunceton, Mo.
Feb. 9—Albert Smith & Sons, Superior, Neb.
Feb. 9—H. C. Graner, Lancaster, Kan.
Feb. 10—H. B. Vanhooser, Eldon, Mo.
Feb. 10—J. E. Bowser, Abilene, Kan.
Feb. 10—George M. Hull, Garnett, Kan.
Feb. 10—W. F. Houx, Hale, Mo.
Feb. 10—C. S. Nevius, Chiles, Kan.
Feb. 10—E. E. Carver, Guilford, Mo.
Feb. 10—H. L. Faulkner, Jamesport, Mo.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 16—A. F. Wright, Valley Center, Kan.
Feb. 17—J. D. Ziller, Hiawatha, Kan.
Feb. 17—W. B. Van Horn, Overbrook, Kan.
Feb. 18—George W. Smith, Burdard, Neb.
Feb. 18—Miller & Manderschied, St. John, Kan.
Feb. 20—H. F. Pelphrey, Humboldt, Kan.
Feb. 20—W. H. Hansen, Abilene, Kan.
Feb. 21—J. W. Pelphrey, Chanute, Kan.
Feb. 23—W. C. Milligan, Clay Center, Kan.

Bred sows.

Feb. 23—Herman Groninger & Sons, Bendena, Kan.
Feb. 28—W. R. Stump, Blue Rapids, Kan.
March 1—C. H. Pilcher, Glasco, Kan., and F. C. Lozan, Beloit, Kan. Sale at Concordia, Kan.

Chapin & Nordstrom Durocs.

Kansas Farmer readers who are in the market for the best in Durocs should correspond with Chapin & Nordstrom, Green, Kan. This old reliable firm always has something good for sale and at prices consistent with quality.

The Missouri Draft Horse Breeders' Association will hold its second annual meeting in the Agricultural building at Columbia, Mo., on Tuesday, January 10, at which time the matter of stallion laws will be an important subject for discussion. Most states have stallion laws and both Missouri and Kansas need better ones.

W. A. Weber, the old reliable poultryman of Wankato, Minn., begins his season's advertising with us in this issue. Every man or woman who wants to get started with high-grade, reliable poultry should have Mr. Weber's 1911 poultry book, which costs only 4c to pay for the postage. Look up Mr. Weber's ad and write him and get this book.

Mr. J. B. Whipple, one of Nebraska's well known big type Poland China breeders, requests us to change his advertising copy, as he is all sold out of boars and is tired of answering letters. He has for quick sale a few very choice gilts sired by his noted boar, Wilkes Again. They will be sold safe in view of a good grandson of Grand Look. Very moderate prices are being asked for these gilts and they are sure to be sold soon. Better write at once.

Mills Seed Company.

In studying over the question as to where you shall buy your seeds for the coming

season, you should not overlook the Mills Seed Company, Washburn, Iowa. This is a firm whose seed book is worth having. During the years they have been in business they have developed some excellent special lines, as will be noted by their advertisement elsewhere in this paper. Look up the ad and write them for their book. If you will say, in writing, that you read the ad in Kansas Farmer your request will receive prompt attention.

Kansas Farmer Special Prizes.

Secretary R. B. Sharp of the Butler County Poultry Association sends the names of winners of Kansas Farmer special prizes which were offered at their recent poultry show held in Eldorado. The winners were H. K. Chesbro, Leon and E. D. Stratford, W. H. Fliske, C. E. Florence, Jerome Dillenbeck, Mrs. F. A. Fulton, Neal Overman, Abraham Holderman, all of Eldorado. With these prizes go the good wishes of the Kansas Farmer for a Happy New Year.

Hardman's Mottled Anconas.

W. H. Hardman of Frankfort, Kan., breeder of pure Mottled Anconas, starts a card this week. At the Atchison show just closed Mr. Hardman won as follows: 1st, 2d, 3d and 4th pullet, 2d, 3d and 4th cockerel. The Anconas are excellent winter layers and one of the most beautiful of all fowls. Mr. Hardman has a fine lot of hens and pullets and can fill all egg orders promptly or book them for future delivery. Write him, mentioning this paper.

Cream Separators.

Elsewhere in this paper is the advertisement of the American Separator Company. It is not often that a good separator is offered for the low price quoted by this company. While we might go into an extended explanation of this subject here, space would not permit doing the subject justice. Therefore, we invite our readers to send to the American Separator Company, Box 1119, Reinhardt, N. Y., for the book, which fully describes this low priced, efficient cream separator.

Bee Keeping.

Most everyone who has kept bees knows of, or has heard about, the A. I. Root Company, Box 62, Medina, Ohio. It seems almost unnecessary to say that the bee supplies and literature on beekeeping by the A. I. Root Company are of the best to be had. Those of our readers who are keeping bees, or who may contemplate beekeeping in the coming season, should not hesitate to write this company at the above address for literature and prices. The A. I. Root Company is a very good friend of Kansas Farmer and this paper is glad to recommend Root's bee supplies and beekeeping books to all of its readers.

Handy Seed Market.

A good many farmers are interested in a market in which to sell seeds as well as where to buy seeds. The old reliable house of J. G. Peppard, 1112-17 West Seventh St., Kansas City, Mo., has an advertisement in this issue. This house handles pure seeds of all kinds, both as buyers from farmers and sellers to farmers. J. G. Peppard is a good house to deal with. They will be very glad to extend their very best service to the readers of Kansas Farmer. Don't fail to read Peppard's ad as it appears in this issue.

Feed Grinders at Low Prices.

When a thoroughly good feed grinder can be had for \$12, it is much cheaper to have one than not to have one. Many farmers shrink from thinking of buying a feed grinder because they seem to have an idea that the amount of money required to get one is pretty large. It does not take long to get \$12 profit out of a good grinder. The famous Iowa No. 2 will earn back its cost of \$12 in three days. The manufacturers of this grinder, the Bovee Grinder & Furnace Works, 24 Eighth street, Waterloo, Ia., stand ready to prove this to every one. Write for the proof.

Pure Seeds.

It costs just as much to sow poor seed as to sow the best—in fact, it costs more to sow poor seed. Just how far this is true can be quickly learned from studying the seed catalogue being sent out by the Fairview Seed Farm, Box 122, Syracuse, N. Y. Look up their advertisement in this issue and investigate what they have to offer by sending for their book of prices on the excellent lines they are offering. Fairview Seed Farm has a high reputation for the quality of their products as they have been developed in past years, and their pleased customers are scattered all over the country. They will be pleased to have you send for their catalogue for 1911.

Rural Telephones.

It is hard to find a stretch of country in Kansas where a man may drive ten miles in any direction without running across rural telephone lines. Nearly every farmer is interested in rural telephones and the upkeep of telephone lines. The Central Telephone and Electric Company, Desk 12, St. Louis, Mo., whose advertisement appears elsewhere in this issue, will be glad to send their telephone book to all who write for it. The book contains a lot of valuable information, besides listing and pricing reliable telephone and electric supplies. Kindly mention Kansas Farmer when writing to this company.

Good Health of Live Stock.

The S. R. Fell Company, 12 Central avenue, Cleveland, Ohio, makers of Sal-Vet, bring to the attention of our readers their product by means of an advertisement in this issue. This advertisement will be found in another column. Sal-Vet has had a wide sale and is used by up-to-date farmers and live stock men in all parts of the country. There is not room here to tell all about this wonderful remedy which has made for itself such a high reputation within the last few years. Every live stock keeper is interested in having his stock healthy and doing well. As a means to this end no one can lose anything by above address for full information on Sal-Vet.

Stodder's Durocs.

J. F. Stodder, Burden, Kan., who has won fame far and wide as a breeder of Duroc Jersey swine and Shorthorn cattle, has something choice to offer. He makes an important change in his advertising card this week in which he announces 40 choice Helen's Wonder by Red Wonder and out of Helen Blazes 21st. Others are by S. D.'s Inventor by Inventor. Many of these gilts are cut of May Boy sows and they are bred for March and April farrow. It takes pretty poor management to lose money on hogs in Kansas and good hogs such as Stodder breeds, are sure money makers. If you want the money making kind of hogs, just write to Stodder. He has them.

Storm Protection.

About every farmer knows by experience that it is not the most comfortable thing

in the world to drive against a rain or snow storm in an open front buggy. Such a thing is no longer necessary, for the invention and manufacture of Gordon's Blizzard Front has done away with any such necessity. The cost for such a protector is very reasonable. In fact, having one for use on only one occasion may often times save more than the entire first cost. This storm protector is to be had from the Vehicle Apron & Hood Co., 135 N. Fourth street, Columbus, Ohio. This company also makes a full line of robes, blankets and other horse goods. Their catalog will be interesting to every farmer who does not have one. See their ad in this issue.

Easy Lifting.

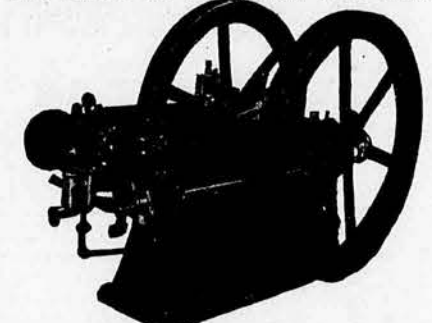
It certainly is a matter of considerable convenience to have a handy means for raising a wagon axle to remove the wheel for greasing. On every farm there is always more or less lifting to be done. The perfection of the automatic jack is something of interest to every farmer. We ask our readers, therefore, to look up the advertisement in another column of this paper of the Automatic Jack Company, Box 25, Bloomfield, Ind. The various uses to which an automatic jack can be put are told about very fully in the booklet this company sends out free. A postage stamp to get this book will result in a good many of our readers being glad of the opportunity to know how to save a lot of hard and irritating work.

Silo Profits.

The Indiana Silo Company, 311 Union building, Anderson, Ind., have just published a book of 160 pages containing letters from the users of 200 silos in the United States. These letters are mighty interesting reading for every farmer. They show the big profits that are possible to be made on every farm. There is no building that begins to turn its cost back so quickly and with such a big profit as a well built silo. Many farmers go on record as saying that their silos paid for themselves the first winter after being built. Every farmer who reads this paper ought by all means to read the book, "Silo Profits," which can be had free by writing to the above address. We don't know when we have seen a book which is so well worth reading. If you cannot spare the time to read much this winter, you certainly ought to read "Silo Profits." If you do not read anything else, don't fail to send for this book at once.

Desirable Gasoline Engines.

When a thing has proved its merit as a distinctive aid to humanity for as long as 20 years, it is a safe proposition that no one could go wrong to have unbounded faith in such an article. When it comes to gasoline engines, the Weber engine is one that stands out prominently as a highly



STANDARD WEBER GASOLINE ENGINE. successful machine. For near to a quarter of a century Weber engines have been put to every known use, and their users speak of them in highest praise. They are especially desirable for farm engines. For reliable and steady running, freedom from break-downs and long lasting qualities, without repairs, the Weber is a good engine to buy. These engines have been advertised in these columns for some time. That in itself is a sufficient guaranty that they are reliable and that the company making and selling them is in every way worthy to deal with. If you haven't yet sent for the Weber catalog do so at once, addressing Sheffield Gas Power Co., 112 Winchester Place, Kansas City, Mo.

Pure Seed Corn.

It certainly pays to plant pure bred seed corn. It is cheaper to plant pure seed corn at \$10 a bushel than to plant scrub corn at 50 cents a bushel. Nevertheless, in pure bred seed corn there are distinctions which are worth studying. G. D. Sutton, Dept. 3, Mason City, Ill., whose advertisement appears in this issue, has something to say to every corn raiser. Look up and read his ad, and then write him for his literature. He explains the distinctiveness of his product. If every corn raiser in Kansas had planted pure bred seed corn in 1910, the Kansas corn crop would be greater by 10 to 20 per cent than it is now. The expense of raising the corn would be no more, whereas the income would be considerably more. This is no pipe dream or fallacy. Every farmer certainly owes it to himself to get the most out of his corn field, especially when it can be done with a greater profit than to go along in the slipshod fashion of planting any kind of corn that may first come to hand.

Farm Fences.

All over the country it is possible to find farmers who will buy no other than a reliable and well made make of woven wire fencing. These same farmers say that barbed wire is a good thing, but that the more modern woven wire farm fence is a much superior thing to use. With modern methods of wire manufacturing and modern machinery for fence weaving, the cost for using woven wire fencing is within the reach of farmers everywhere. There are other advantages in using a well-made woven wire fence, which advantages are fully explained in the very excellent book published and sold free by the Cyclone Fence Company, Dept. 131, Waukegan, Ill. It always pays to study up on the subject of fencing, and the Cyclone book and other literature is certainly worth having and studying. Now is a good time to read this literature. A 2-cent stamp invested for this fence book is a mighty good investment.

Over Thirty Years of Separator Leadership. On another page we publish a very strong advertisement of the De Laval Separator Company, entitled "Over Thirty Years of Separator Leadership." Only the very best business management and merchandise of unusual merit could keep any concern in the enviable position of leadership which the De Laval Company has so long enjoyed. It is a record that in the history of manufacturing and merchandising has few equals. It is a record that the De Laval Company may well point to with pride and a great deal of gratification. The statement has been frequently made that the introduction and development of the centrifugal cream

separator, first in the factory and then in the hand machine on the farm, has done more than any other one thing for the advancement of dairying, and a great deal of credit for it belongs rightly to the De Laval Separator Company.

Black Hawk Manure Spreaders.

Elsewhere in this issue is the advertisement of the D. M. Sechler Implement and Carriage Company, Dept. 105, Moline, Ill. This is an old established firm who have been putting out reliable vehicles and machinery for a good many years. We are glad to recommend them and their machinery goods to our readers. The Black Hawk Manure Spreader contains some of the exclusive features of distinct advantage to every user of such a machine. As such a machine will last a good many years, the use of it means a great deal to the man who buys it. The best machine for the purpose is what every man is looking for, and no one's education on the manure spreader subject is complete until he has sent for and studied the book about the Black Hawk line.

National Nurseries.

The growth made by the National Nurseries, Box 204, Lawrence, Kan., during the past four or five years is especially noteworthy. It has not been many years since this firm began to advertise somewhat extensively. It costs money to advertise to any great extent, and the National Nurseries Company to stand the expense must of necessity send out good stock. Kansas Farmer readers especially have been good customers of the National Nurseries where they can get trees that are acclimated to Kansas soil and weather conditions. For the coming spring the National Nurseries have an excellent line of good trees which are fully explained in their catalog. Look up the ad in this issue and write for this Kansas nursery book. In writing please mention this paper, as the National Nurseries like to know where you saw or heard of them.

Profit in Fancy Poultry.

It does not take any more feed or care to raise a pure bred fowl than to raise a scrub. Pure bred fowls are easy to get these days. C. C. Shoemaker, Box 899, Freeport, Ill., has for many years made it a special business to raise and sell pure bred poultry of many breeds and varieties. His long time experience and the many years he has been in business fit him to furnish poultry breeders with what they may desire, to the best advantage. Mr. Shoemaker begins his advertising in this issue. Look up the ad and write him your poultry wants. It does no harm to investigate what each seller may have to offer, and Mr. Shoemaker will be glad to quote prices and send his book to all inquirers.

Profit in Strawberries.

Some sections of Kansas have come to be large strawberry producing communities. There are few sections in Kansas that are not suitable for strawberry growing. Of thousands of our farms considerable extra money can easily be made by growing strawberries. Just how best to go about this and get profit from the work is clearly set forth in the booklet printed and sent out by the R. M. Kellogg Company, Box 70, Three Rivers, Mich. No farmer can well afford not to send for and read this book. It does not cost much money to start strawberry growing, nor is the risk of success very great. Thousands of persons have made money by reading Kellogg's book and we are glad to invite the attention of our readers to this book and trust they will make it a point to send for it early in the season.

Reliable Buggies for Low Prices.

When you look at a buggy or carriage you see the finish on it. You can't see the inside workmanship or materials. You wouldn't buy a buggy without a good finish, so you have to depend on the integrity of the manufacturer to get what is represented to you. If the manufacturer is honest, you will get a good job, as the salesmen call it, that is good and honest value for your money. In these days, when factories bob up over night and make big claims, it is sometimes hard to tell which manufacturers to believe. However, it can be taken as a safe guide that a manufacturer who has done a national business for many years, is a good man to patronize. The roots out grafters. The bigger the graft the quicker it dies. The Wilbur Murray Mfg. Co., 353 East Fifth street, Cincinnati, has been making buggies for many years. Their vehicles are in use all over the country. Those who have them are boosters for Murray buggies. This year the new Murray line is better than ever. It is fully described and priced in the 1911 catalog, which is sent free for the asking. Notice the bargain advertised in another place in this paper. When writing for this catalog please mention this paper.

How to Become an Auctioneer.

Enroll for the January term of the Missouri Auction School, Trenton, Mo. This school has been a great success. This has been due to the fact that those who have entered there have become good auctioneers. There is always a demand for good auctioneers. People will always buy and sell goods. The auction is really a special market. The auctioneer is market master. If he has the necessary training and information, anyone can be an auctioneer if he will take the pains and make the necessary effort to learn and make use of the things necessary to know to be a special market master. The Missouri Auction School teaches this and does it effectively. You can use some of your spare winter's time to mighty good advantage if you enroll in Col. Carpenter's remarkably successful school.

Evergreen Trees.

The Chinese Arbo-Vitae is a very hard evergreen. It is a fast grower, easily transplanted and grows strong as a weed in most any soil. This tree is such a favorite among the knowing ones, that some persons have tried to breed an imitation calling it the American Arbo-Vitae. This so-called American variety is inferior in every way to the genuine Chinese Arbo-Vitae. It requires considerable experience and no little knowledge of the science of evergreen trees growing to successfully produce evergreens that will easily transplant. No small part of this is in the knowing how to pack the tree for shipment when they are ordered out of the nursery. It is not every evergreen grower that will make a fine specimen tree for yard or lawn or for a hedge row as may be desired. The Chinese Arbo-Vitae is equally good for either of these purposes. Those grown by the Farrar Nursery, Abilene, Kan., are rightly grown to begin with, and are properly packed when shipped out. Don't fail to write this nursery before you buy evergreens. This nursery also has other varieties of trees for sale—a complete list of which will be sent for the asking. In patronizing the Farrar Nursery you will be getting the product and advice of scientific tree growers, and get trees for prices that are no higher than asked for inferior goods in many other places.

Better Curry Combs.

Since currying horses is a necessity, anything that helps save time and makes that work easier is much worth considering and putting to use. The Clean Comb Co., 40 Fifth St., Racine, Wis., are advertising in this issue the "Clean" curry comb. By its automatic action in keeping itself clean, and the flexibility of its comb surface, it makes the work of currying a less dreaded job than is the case with old style curry combs. This new curry comb can be bought on trial, and costs only 35 cents. Look up the ad in this paper and send for the valuable Horse Book offered free. It's worth having.

Natural Hen Incubators.

Incubator making, like book making, has no end. Every year there is something new. The hen, however, is always with us, and following out the plan of nature, she is a good hatcher. J. F. Stems years ago perfected an apparatus which helps to turn the time of the hen to better advantage than if the hen is left to her own ways. Many thousands of these natural hen incubators are in use. They are successful otherwise they would not be sold in greater numbers year after year. The free book published by the Natural Hen Incubator Co., Dept. 96, Los Angeles, Cal., explains the plan and apparatus in detail. It's worth reading by all poultry raisers, and a postage stamp or postal card to get it will be very well spent.

Twenty-Fifth Catalog German Nurseries.

The German Nurseries and Seed House, Beatrice, Neb., have just sent Kansas Farmer their 25th annual catalog. It is one of the most comprehensive nursery and seed books that has come to the editor's desk. The success of Carl Sonderegger, proprietor, is gratifying to note. His present large and nation wide business had a small beginning and it has been only hard work, painstaking care, constant study, together with unflinching honesty not only with his customers, but with himself, that has made a successful business. Without delivering goods as promised or represented, no business house can succeed. That Sonderegger has succeeded so well is ample proof that whatever a customer may order from him, that same thing will the customer get. If anything, he will get even better than he orders. We trust all our readers will give Carl Sonderegger a chance to quote on their seed and nursery stock needs for the coming season. Write to address given above for the free catalog, mentioning Kansas Farmer when you write.

New Queen Incubator Book.

This office has received the new 1911 Queen Poultry Guide and Catalog. P. M. Wickstrum, the Queen incubator man, has done a good job of writing in this book. The illustrations are specially good. Any one can get a complete understanding of Queen incubators and brooders by merely studying the fine pictures. Wickstrum for 24 years was a Kansas man, and his many thousands of Kansas friends are pleased to note the fine success his Queen incubators and brooders are making. They have been on the market now for eight years. In this time they have undergone every test imaginable. Under extremely hard conditions they have proved dependable and paying result getters for the inexperienced poultry keepers as well as for the expert at the business. Whoever buys incubators and brooders this season without first getting the New Queen catalog and studying it for an hour or so, is not treating himself or her self right. We urge all intending buyers of incubators and brooders to be sure and get the Queen book at once. Mention Kansas Farmer when you write and your request will be sure to get prompt action. The address is Queen Incubator Co., Lincoln, Neb.

Successful Plowing.

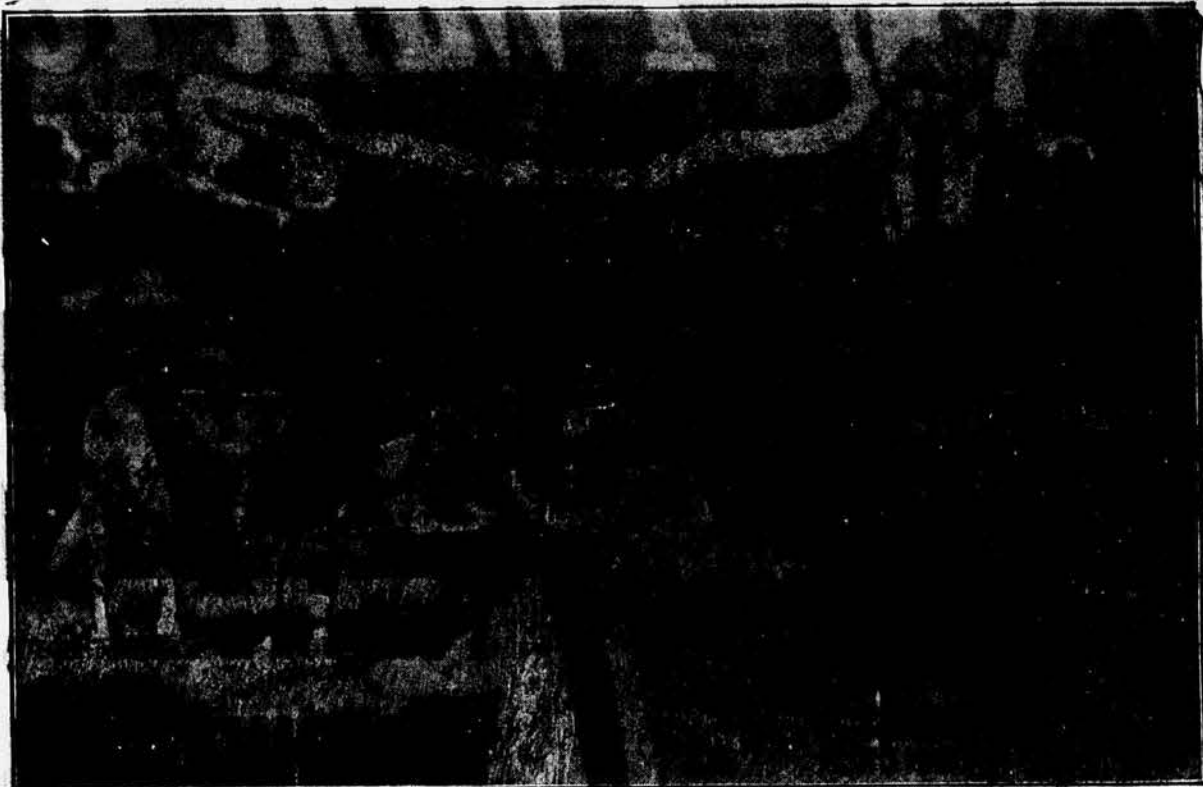
Every reader of this paper should investigate the Reeves way of plowing. It's money in your pocket to do your plowing, quicker, easier and better—to do it just at the right time. The Reeves Flexible Frame Gang Plow is just as useful on small farms as on large ones. They are adapted to work on the average farm and therein lies their usefulness. It is made in sizes for every need and for use with any traction engine. Many farmers have increased their incomes by using the Reeves and you can do the same. This wholesale plowing is becoming far more common than most farmers realize. Learn all about the new way of plowing. The Reeves catalog is an education on the subject. It contains a lot of interesting information for farmers and is beautifully illustrated. It gives pictures of actual plowing scenes—tells what can be done with these plow outfits. It gives letters from farmers in all parts of the country, showing the practicability of Reeves outfits on small as well as large farms and in all kinds of soil. This valuable book will be sent you free if you write Reeves & Co., 118 Fifth St., Columbus, Ind.

Attention is called to the Limestone Farm card in this issue of the farmer. Limestone Farm can be truly designated as the home of thoroughbred and M. Gottsmiller, owner and proprietor of the farm, is one of the conservative, up-to-date breeders who believes in nothing but the best. His herd of big Poland China hogs is headed by Bolivar 55734, a very fine individual of the big type, sired by Medley Corrected 37694, dam Lady Tooty 110312. His sow herd is composed of individuals of the best big Poland blood in existence and any one in need of breeding stock should not overlook this herd. His Shropshire sheep herd is one of Missouri's choice flocks, and he has breeding stock for sale at all times. If in need of Buff Orpingtons or Single Comb Brown Leghorn chickens, Pekin or Indian Runner ducks or Chinese geese, Mr. Gottsmiller has a large number to select from and will give prompt attention to all mail orders. Write him and describe what you want and your order will be promptly filled, and all breeding stock is sold on a guarantee. If in need of any of the above breeds of poultry, Mr. Gottsmiller can fill your order and the birds will be choice in every respect.

Improved Incubators.

If you have not already done so, take a look at the Mandy Lee incubator door, as it is pictured in some of the Geo. H. Lee Company advertisements. You will see openings right into the egg chamber. It comes pretty near being a "wide open" proposition. Mr. Lee has discovered a way to give the life-giving oxygen absolutely free passage into the chamber at all times, every moment of the hatch, without creating drafts. The secret is in placing the openings all on a level with each other and on a level with the eggs. To quote Mr. Lee's own words, as he put it in his catalog: "Ventilation in the Mandy Lee is quite automatic and is on the simple principle of the open-front chicken house. If proper openings are given all on the same level to avoid drafts, oxygen passes in and carbonic acid gas passes out. It is not air but oxygen that

eggs and chicks need. You don't have to change the air. Provide sufficient opening and nature removes the deadly gas and re-instates the life-giving oxygen without any perceptible movement of the slightest draft." The operator has only to follow instructions. If he does this he cannot go wrong. This makes the Mandy Lee in fact the incubator for all climates, all conditions and all operators. There is much good, practical, right-to-the-point reading in the Lee books. His 1911 catalogue is one of them. "Lee's Chicken Talk" and "Mandy's Poultry School" are others. They are free and worth sending for. Look up the Lee advertisement and write for them, kindly mentioning this paper.



HEYDEN ROSE 2D. FLORA'S DUCHESS AND ROAN CHOICE, CHAMPION FOLDED DURHAM CATTLE HERD OF 1910. ALL Sired by ROAN HERO. WILL BE SOLD IN C. J. WOOD'S SALE, FEB. 25, 1911, AT CHILES, KAN.

Monmouth Plow Company.

It is said that a farmer's personality may be known by the kind of plowing he does. The modern steel plow has made American agriculture the greatest in the world. Of plow making there seems to be no end. While looking at a plow it seems to be a very simple implement and one easily made, nevertheless there is an exact science in plow making which, coupled with practical experience for many years, is necessary to turn out such a plow as will suit the needs of present day farmers. The line of plows and other implements put out by the Monmouth Plow Company have won their way to public esteem by sheer merit. If these implements did not have points of superiority over others, there would of course be no market for them. The fact that they are sold in increasingly large numbers every year shows that they have special advantages. What these advantages are every farmer is interested in knowing and the best way to find out about them is to drop a letter or card to the Monmouth Plow Company, 122 S. Main St., Monmouth, Ill., for their book of information. Every man knows his own business better than anyone else can. The Monmouth Plow Company is certainly fitted by experience to tell about the plow business in a way that will interest every plow user. Please mention Kansas Farmer when writing to this company.

Science Helps Cattle Feeders.

Farmers are becoming capitalists. Within a very few years they've moved up from a prominent place in the debtor class to a commanding position in the creditor class. Farm mortgages are rare now-a-days and farm automobiles plenty. And yet, it isn't high prices or fewer middle men that have brought this about so much as it is better farm methods—new ideas and broader knowledge of soil conditions—intensive culture and general farm economy. Take cattle feeding as an illustration of what is doing in all departments of agricultural activity. Men who used to crop all their land and buy commercial fertilizers to keep up fertility, are now feeding steers for market, and enriching their soils without recourse to the phosphate dealer. Others, who have always "fed" are feeding more, because recent developments in farm science point the way to bigger profits in cattle than in any other line of farming. Now what is it that is doing so much for the cattle industry? Just one little thing—the discovery by a practical man of a simple tonic preparation that prevents digestive breakdown, and increases animal appetite. A little thought will show an interested party how much such a preparation means to a feeder of market cattle. He has simply to remember that a steer fattened in three months is cheaper than one fattened in five months. He must also remember that the complicated and delicate digestive organs of the steer are undergoing a tremendous and unceasing strain from the moment the fattening process begins to the instant it ends. It is almost beyond reason that this period of months should pass without the unassisted steer losing appetite, and, in consequence, flesh. Now the discovery spoken of is a preparation composed of natural properties and elements which aid digestion. Of course, also, they increase appetite, because the more a stalled animal digests the more his stomach craves. So it comes to pass that this preparation—sold under the name of Dr. Hess Stock Food—cuts some weeks off the usual period required to fit an animal for market and, to just that extent, saves the feeder money. Those who have used Dr. Hess Stock Food claim, too, that it increases milk flow when given to dairy cows; fatten hogs and sheep quickly and keeps horses in the pink of condition. It would seem, from all this, to be a "sound proposition" for farmers to investigate—especially as it is guaranteed to produce results or money back.

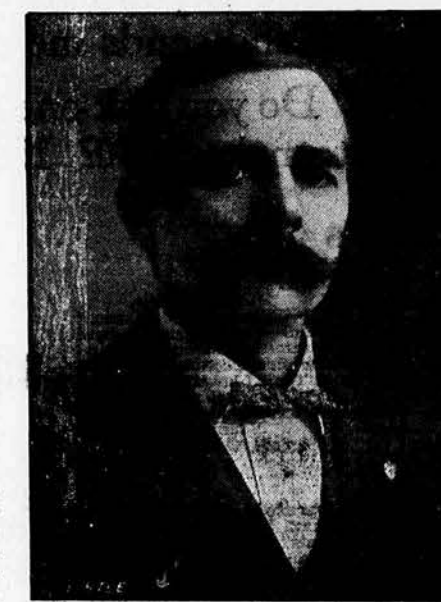
Knight's Dispersion Shorthorn Sale.

Mr. Charles D. Knight of Oketo, Kan., for several years past a successful Shorthorn breeder, has decided to disperse his entire herd and will hold a sale at the farm,

three miles from town, Wednesday, Jan. 18. The offering is a good one and consists of eight very choice, blocky, young, red bulls in age from 9 to 24 months, and the herd bull, Baby Conqueror, a good son of the great bull, The Conqueror. He was bred at Tebo Lawn and his dam was Lady Fomegranate 2d, tracing to imp. Fomegranate. Baby Conqueror is a splendid red and a most excellent breeder. He is just in his prime as a useful sire and should go to head some good herd. Of the 25 females to be sold, 11 have calves at foot and all of them of breeding age have been bred to Baby Conqueror. Everything included in the sale younger than 2 years old was sired by Baby Conqueror. The older heifers and

three of the bulls were sired by Mr. Knight's former herd bull, Kansas Boy by Secret Prince, winner of first in class at Nebraska State Fair a few years ago. Mr. Knight's cows are a good, even, heavy-milking bunch representing some of the very best and oldest families. Among them a couple of daughters of the bull Red Knight, that did such valuable service in the Gifford herd for several years. Among the families represented are Young Marys, Carolines, Goodnesses, etc. It is doubtful if another small Kansas breeder has within the past few years owned a pair of as well bred bulls as Baby Conqueror and Kansas Boy. It will be remembered that Baby Conqueror's sire, The Conqueror, was a sweep-stake bull with as many noted ancestors on both sides as any bull of recent years. The dam of Kansas Boy was Lady Fair, descended from imp. Villase Rose, a great cow imported by H. M. Cochrane of Hillhurst, Quebec. Write at once for catalog giving complete information and plan to attend this sale.

The cut here shown is from a photo of Mr. E. F. Dewey, real estate agent located at Blue Rapids, Marshall county, Kansas.



Mr. Dewey has been a resident of Marshall county for more than 25 years. He knows every cow path and every automobile road. He knows the land values and where the bargains are. He has a large list of very desirable farms for sale and at quite reasonable prices, considering that Marshall county is one of the best counties.

Plenty of Cheap Potash.

A misapprehension evidently exists regarding the danger of a shortage of potash for the American farmer. This has arisen through a misunderstanding of the purpose of the new German potash law. This law does not aim to restrict the production of potash, but on the contrary expressly seeks to increase it. The commission that fixes the probable yearly demand of the world must provide each year for an increase over the consumption of the previous year. The mines have spent millions of dollars in trying to increase sales and this policy will continue. The commission is required to annually estimate the domestic (German) requirement and the amount needed for export. Because it happens that the present German requirement is equal to the export needs, some have understood that the law forbids an export quantity greater than the

German consumption. This is by no means true. The Germans are only too glad to have the foreign demand increase. The law in this respect is flexible; thus, if the commission should find that the German and export amounts for 1910 were practically equal, they would fix the same proportions for 1911, increasing each in the same amount. However, should it appear at any time, say in February or March, 1911, that the foreign orders were likely to be in excess of the amount estimated, the commission has the power to at once make the foreign allowance greater than the domestic and would undoubtedly do so. This is quite in line with the purpose of the law in organizing their own company in America,

the object of this American company (German Kali Works) being to sell as much potash as possible to every one, farmer or dealer, at reasonable prices and to aid all willing manufacturers and dealers in their efforts to supply the farmers' potash requirements. To this end they carry extensive stocks of potash, especially in South Atlantic ports, and take orders for direct importation in single carload lots. Any farmer can import direct through South Atlantic ports a car of kainit and have it put on board the cars, bagged, tagged and all taxes paid for \$9 per ton cash. Prices to jobbers and mixers are lower by the usual margin fixed by the manufacturers in the past.

Lamer's Percheron Sale.

A big crowd faced the auctioneer who conducted the sale of Percheron horses made by C. W. Lamer at Salina, Kan., on Dec. 28. A total of 46 head sold for \$22,495 or an average of \$485. Of the total offering 40 were females and of these 24 were yearlings, the others being 2 and 3 years old. The females averaged \$461. Six stallions sold for \$5250, an average of \$875. The bulk of these horses were lately over from France and Belgium and had not entirely recovered from the long journey. Buyers were present from Kansas, Colorado, Missouri and Oklahoma. The bulk of the horses were naturally taken by Kansas buyers. Representative sales were as follows: Burgess & Venn, Nashville, Okla.—Idol, \$1,375; Harpette, \$650; Gridline, \$650; Isis, \$380; Ethel, \$290. L. B. Bloom, Coldwater, Okla.—Tranule, \$450. R. S. Weimbold, Wilson, Kan.—Diabolo, \$850; Lois, \$760; Bayette, \$500; Serene, vienne, \$400. W. E. Dustin, Topeka—Brunette, \$290. E. H. Mapes, Salina—Jeanne, \$400; Jorienne, \$400. Ora Crouch, Leoti—Joas, \$750. Joe Nugent, St. Louis—Kale, \$365. R. E. Lewis, Barnard, Kan.—Gilt Edge, \$525. H. M. Kready, Abilene, Kan.—Hirandelle, \$365; Ellincell, \$365. Boydston Bros., Edgerton, Mo.—Junette, \$400; Jalapa, \$400; Julien, \$395; Jala, \$370; Jeanne, \$370. Wm. Hanson, Salina—Japy, \$425. John A. Peck, Topeka—Jatava, \$650; Japheta, \$825. J. M. Kipple, Glen Elder—Dora, \$865; Japheta, \$430; Jugular, \$420; Justice, \$420; Ironque, \$450; Innundrate, \$400; Hirondell, \$400. C. N. Miller, Minneapolis—Idole, \$570; Inferande, \$570. W. H. Cottingham, McPherson—Inerte, \$370; Ignorante, \$370. A. M. Jorda, Denver—Cormen, \$495; Flauche, \$510; Lille, \$490; Justice, \$415; Indice, \$410; Profane, \$350; Jutruse, \$375; Japhete, \$315; Intrepide, \$375.

Clary & Sons' Jacks.

J. E. Clary & Sons, the well known jack breeders of Sheridan, Mo., are offering a number of very fine jacks for sale at this time, and anyone desiring to purchase a high quality jack will be interested in this herd. Mr. Clary is a breeder of many years' experience and by care and attention has succeeded in building up a jack herd second to none in the country, when quality is considered, and at the present time has a number of fine individuals of serviceable age to select from and every one can be bought well worth the money. The purchaser can rest assured that any statement made in reference to stock by any member of this firm will be fully guaranteed, as their reputation for fair dealing and promptly meeting every guarantee made by them has long been established. They have jacks of all ages and their herd is one of the best in north Mississippi, and when quality is considered their prices will be found reasonable. See their ad in the Farmer.

Our Great Farm Library offer on page five of this issue will certainly interest every reader of KANSAS FARMER. Look it up.

TESTIMONIAL LETTER.

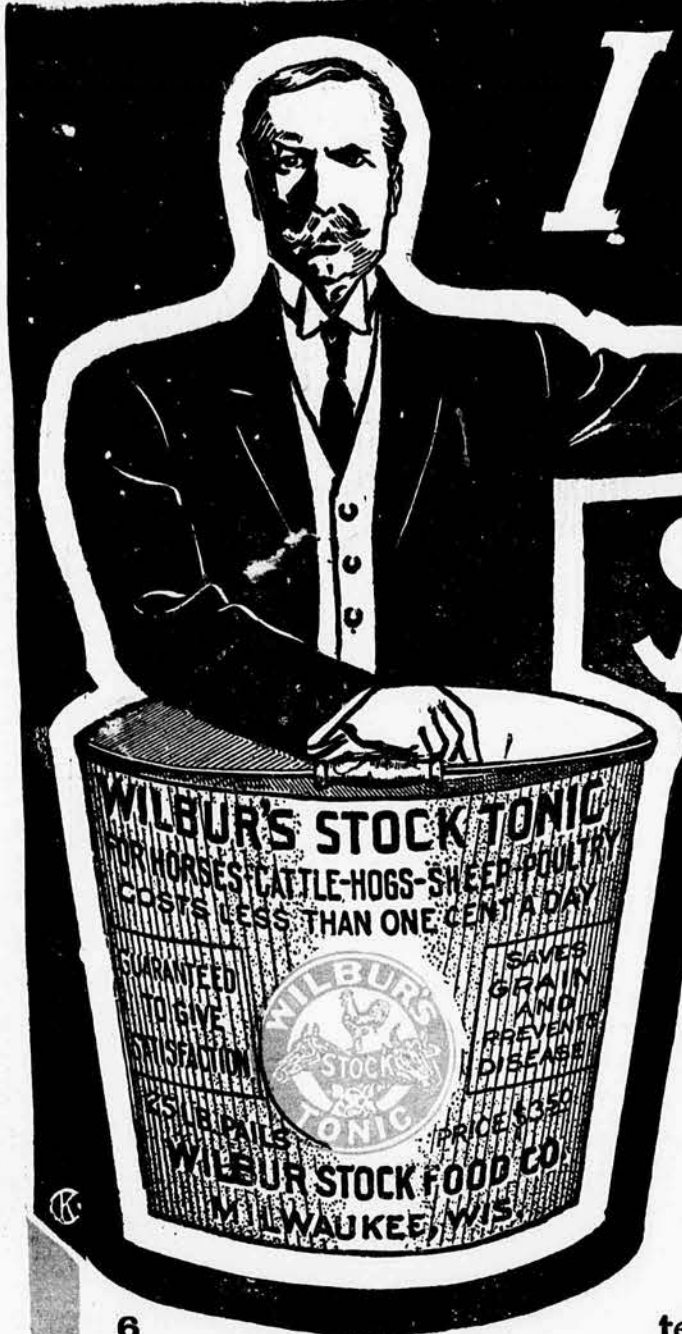
Kremmling, Colo.
 Wilbur Stock Food Co., Milwaukee, Wis.
 Gentlemen:—Enclosed find draft for \$18

in payment for Stock Tonic. I have used two pails of your Stock Tonic; it is certainly fine. I have used almost everything on the market, but nothing to compare with the Wilbur Stock Tonic. My milk cows,

calves, hogs and colts, after feeding three days, I noticed the change. It has saved me many a sack of grain. My horses are sick and nice, also are working hard every day.

Will enclose watch certificate and thanking you for past favors, I am,

Yours truly,
 (Signed) CASPER SCHWAB.



I Want to Send You This \$3.50 Pail Free

I want you to know for yourself why

WILBUR'S STOCK TONIC

is fed by 500,000 stock raisers daily. I want you to see what it does for your horses, your milch cows, your hogs, your sheep and poultry. I want to prove to **you** beyond all doubt, that Wilbur's Stock Tonic is a wonderful feed saver, fattener and positive preventive of disease. I want you to find out by actual

test that my tonic **makes money for you** every time

you feed it and there are **1240 feeds** in the pail I want to give you **free**. I don't want you to pay me one cent for this free pail. That's why I will send a 25-lb. pail absolutely free to you and to every reader of this paper, where I have no agent, who fills out and sends me coupon below.

Is my offer fair? Do you risk one cent by accepting this \$3.50 pail **free**? Is it worth a 2-cent stamp to make \$3.50? If so, just fill out this coupon and mail **today**.

What Others Say

Wilbur Stock Food Co., Milwaukee, Wis.
 Gentlemen:—I have been feeding Wilbur's Stock Tonic for some time with best results. I feed it daily to horses, cows and hogs, and find it does everything you claim for it. I have fed other kinds but they are nowhere to compare with yours. I never expect to be without Wilbur's Stock Tonic.
 Yours truly,
 F. E. FOX
 Perrysburg, O.

Wilbur Stock Food Co., Milwaukee, Wis.
 In regard to Wilbur's Stock Tonic, I can say I think it is all right. I have had two or three horses die and several sick ones but since I commenced using your Stock Tonic I haven't lost a horse or had one to be sick that I know of. I have been using it for the past two years.
 Yours truly,
 (Signed) G. W. BEAVERS
 Hurst, Ill.

Wilbur Stock Food Co., Milwaukee, Wis.
 Dear Sir:—Your Stock Tonic is the best I ever used to bring up run down horses. I could not get my horses to improve until I commenced to feed your tonic. They are fattening up and I feed only half the grain I did before and my cattle are doing well, in fact everything I feed it to. Would not be without it again.
 Yours truly, J. O. McNUTT, Warrens, Wis.

J. P. Wilbur
 President

WILBUR STOCK FOOD CO., 198 Huron St., Milwaukee, Wis.

FREE \$3.50 PAIL COUPON

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Please send me the 25-lb. pail of Wilbur's Stock Tonic and the large colored picture, **both free**.

I own _____ horses _____ cattle _____ hogs _____ poultry.

My Name _____

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This Beautiful Picture Free

Champion six-horse team of the world. Fed on Wilbur's Stock Tonic. Awarded First Prize at St. Louis World's Fair. I mail you this beautiful picture **FREE**, size 15 x 31 inches, in exquisite colors, if you mail coupon without delay.