

# KANSAS FARMER

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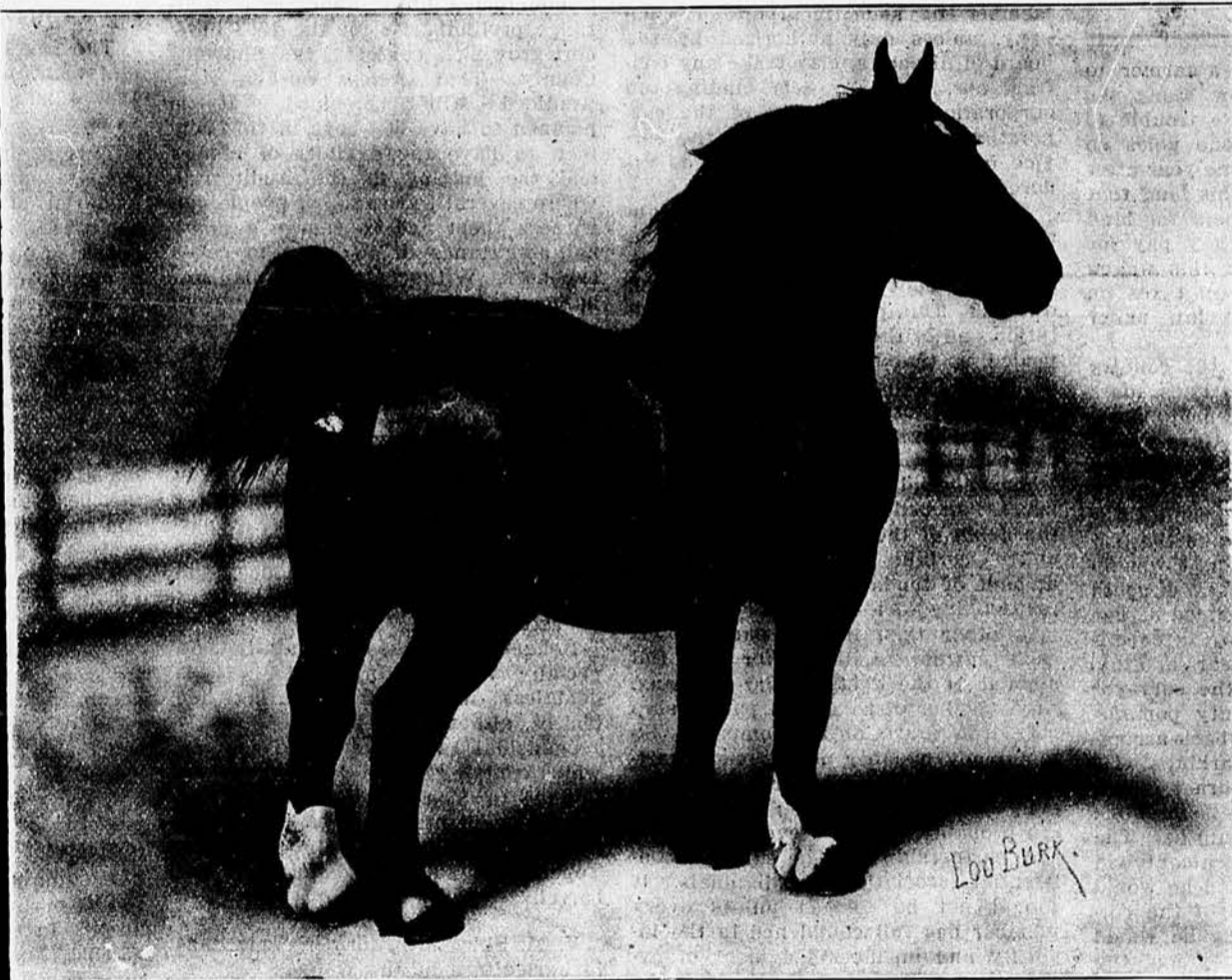
Established 1863. \$1 a Year

## TELEPHONE POLES—LAND LINES.

EDITOR KANSAS FARMER:—I have been a subscriber for THE KANSAS FARMER for the past two years and I wish to continue. I could not get along very well without it as there is always so much valuable information in it. I wish to renew my subscription for three years, so I take advantage of your offer.

I would like to ask for some information: Does

a telephone company have the right to set telephone poles along the public highway running through the owner's land? Where the railroad track runs cornerways through a farm and the public road on one side of the railroad track, does a telephone company then have the right to set its poles in the road limit near the fence without permission or paying the owner for the use of the



A "Wide as a Wagon" Percheron Stallion that Frank Iams of St. Paul, Neb., Gets Breezy About.—"A Topnotcher" and Iams Has 175 of This Quality and Style that Must be Sold.

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**KANSAS FARMER.**

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land? The law compels a farmer to cut the weeds that grow along the highway, and it is quite a trouble to cut around these telephone poles so many times in a season one year after another. The owner of this land that I speak of bought and paid for land and has never received any pay for this railroad land nor for this wagon road and continues to pay taxes on said land. What is the law under such conditions?

Here in this section of the country a surveyor moved all the lines south for several sections, township lines and all as marked by the Government survey lines and corners. This occurred many years ago, sixteen or seventeen years back. The county surveyor forced his men to take the cornerstones south, leaving the township lines very crooked and sixty feet south of where the cornerstone stood at one place, as can be proven by three disinterested parties. Five years ago this spring, I believe it was, the surveyor was ordered by the county commissioners to locate this line back according to the Government markings. He moved this particular corner north only twenty feet, leaving it forty-one feet south of where it should be. The surveyor said if the Government had it there it was not right and he would not recognize it. Several of the corners that are still standing he would not recognize; he said they had the Government marks on them but they were too far north, so the surveyor still left the township line too far south and too crooked.

One year ago last May one of the neighbors ordered our section surveyed. This section comes to this township line on the south. These forties along this south line are called lots as there is a surplus of land.

At the time of surveying the surveyor commenced at this particular corner and ran south from the township line to the south of the section then corrected back, giving to each of the three south forties all of the surplus land, and to the north tier no surplus land at all, and there were fifty-two lots of surplus land.

Morris County. W. L. WRIGHT.  
Under a decision of the Kansas Supreme Court, to which the Chief Justice filed a vigorous and logical dissenting opinion, a telephone company has a right to set its poles along the public highway without the consent of the abutting owner. The fact of the inconvenience to the owner, the added

difficulty in keeping the weeds cut as the law requires and the possible extra expense in caring for the highway seem not to have been considered important in the estimation of the majority of the court.

In the General Statutes of Kansas, Chap. 25, Sec. 210, rules are prescribed for the guidance of the county surveyor. They are: "First, Section and quarter-section corners, and all other corners established by the Government survey, must stand as true corners. Second, They must be reestablished at the identical spot where the original corner was located by the Government Surveyor, where this can be determined. Third, When this can not be done, then said corners must be reestablished according to the Government field-notes, adopting proportionate measurements where the present measurements differ from those given in the field-notes."

This matter was discussed at considerable length in THE KANSAS FARMER of January 30.

**PARTNERSHIP OR CORPORATION.**

EDITOR KANSAS FARMER:—What are the advantages, and to what extent are the shareholders liable, of a Cooperative Farmers' Elevator Company, under the laws of Kansas if incorporated?

What are the advantages, and to what extent are the shareholders liable, in case of failure, financially, under the laws of Kansas; if not incorporated? P. G. HEIDELBRECHT.  
McPherson County.

An incorporated company is, in law, an individual in its transactions. No member of such incorporated company, unless duly authorized by the board of directors, may make any contract nor incur any debt binding the corporation. No member of the corporation can be employed in the service of the corporation except as ordered by the board of directors.

Formerly each stockholder of a Kansas corporation was liable for the debts of the corporation "to an additional amount equal to the stock owned." This provision of the constitution and of the statutes has been repealed, so that the stockholder is now liable for full payment of the amount of stock subscribed and no more.

A company that is not incorporated is a partnership. The Kansas Statutes which special partners' liability for which "special partners" liability for the debts of the firm may be limited, under certain conditions, to "the amount of funds contributed by them respectively to the capital."

In other than limited partnerships each partner is liable for the full amount of the debts of the company. Any member of a general partnership may draw drafts on the company. So too if any member of a general partnership contract debts for the company in the course of its business all are probably liable for such debts.

A partnership may be called a confidential association of individuals. It should not be formed unless every member has full confidence in the integrity and business judgment of every other.

**CATTLE-GUARDS AT PRIVATE CROSSING.**

EDITOR KANSAS FARMER:—A railroad runs through my farm, with only one crossing on the place. In the winter time I have to drive my cattle and horses across the track twice a day to water and feed. The track is fenced and I have to open gate. My stock will at times run up and down the track for half a mile. Could I compel the railroad company to put in cattle-guards at crossing so my cattle will not run up and down the track?  
Rooks County. A FARMER.

The General Statutes of Kansas, Chap. 84, Sec. 31, require that "Where any railroad runs through any improved or fenced land, said railroad company shall make proper cattle-guards on such railroad where they enter and where they leave such im-

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proved or fenced land." In construing this section the Supreme Court has held the railroads to a strict compliance with the letter and spirit of the statute.

In a case that came before the Court of Appeals and reported in 7 K. A. 399, the language of the court admits of the inference that in case of two or more adjacent fenced fields the railroad might be required to place cattle-guards at each division fence in case such placing would conduce to the safety of stock.

But there seems to be no law requiring the railroad company to place guards at a crossing maintained at the middle of a field and ordinarily closed by gates as described by this correspondent.

**SHAWNEE BOYS' CORN-GROWING CONTEST.**

A meeting was held at the Topeka Commercial Club on February 8 to arrange preliminaries for the 1908 boys' corn-growing contest in Shawnee County. That tireless worker, Hon. Bradford Miller presided. It is planned to have 500 boys in this contest, to have the exhibits of results and the judging in the Auditorium where several thousands of people can witness them and to charge a nominal admittance of 10 cents to cover expenses. Without doubt the plan can be made a success. Every boy who engages in the contest will be glad of having been connected with so important a movement and so great an event.

**REFINED TAR.**

EDITOR KANSAS FARMER:—Can you tell me anything about the refined tar used for painting? Can it be purchased at Topeka? Would you recommend it for painting hen houses and hog sheds?  
W. H. HAMM.  
Pratt County.

Refined tar is used for painting, especially for painting roofs. It is doubtless suitable for painting hen houses, although it is not so strongly germicidal as the unrefined gas tar, which contains a good deal of creosote. Refined tar can be procured through dealers in paints. It is kept in stock by the A. B. Whiting Paint Company, Topeka. It sells at about \$6.50 per barrel.

V. M. Shoesmith, formerly assistant in agriculture at the Kansas Agricultural College, later agronomist of the Maryland Experiment Station, has been appointed professor of agronomy in the College of Agriculture of the Ohio State University. Professor Shoesmith came to the Kansas College soon after his graduation from the Michigan Agricultural College. His rise has been due solely to his clear thinking, accurate knowledge, studious habits, energy, and faithfulness in the work entrusted to his care. THE KANSAS FARMER expects Mr. Shoesmith to continue to make his mark in the world.

The number of persons who write for the editor's waste basket is again on the increase. Please observe that letters that are not signed or do not give the address of the writer are usually given scant consideration when they reach the editor's desk. Addresses are not printed and names are omitted if so desired.

The statement published last week, that the Kansas Legislature had enact-

ed the amendments to the prohibitory laws asked by the State Temperance Union and recommended by the Attorney General, was incorrect. The bill passed the House but was allowed to die in the hands of the judiciary committee of the Senate.

The Stark Bros.' Nurseries and Orchards Company, of Louisiana, Mo., has just submitted to this office specimens of apples of very large size. Of these the "Delicious" fully justifies its name. The Stayman Winesap is just as good. The Black Ben would be selected for size and color in any company. Its quality is of the Ben Davis order somewhat improved.

**Miscellany**

**Sowing and Reaping.**

The pages of Holy Writ contain no statement more absolutely true than that a man is sure to reap what he sows.

This is at once a warning and an encouragement. We leave for our brethren of the "Cloth" to impress their hearers with the first while we speak to our own congregation of the importance of selecting good seed if good crops are wanted. This is always timely, especially so now.

Almost before we realize it corn planting time will be here. The selection of the seed corn should not be deferred indefinitely.

In former days shortly before planting a visit was made to the crib and the best looking ears were selected and shelled for seed—the only care exercised was to discard the butt and tip kernels.

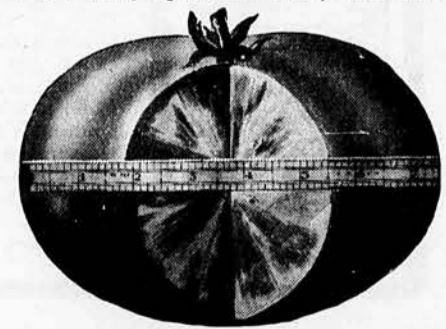
Now the farmer who wants to get the most from his land and his time not only procures seed specially grown for seed, but has "pedigreed" seed, specially "bred" to produce a large yield of corn evenly proportioned in certain chemical constituents. The "breeding" of seed corn is as scientifically correct and necessary as the developing of certain physical qualities of live stock.

It is only within a few years that the importance of this breeding for quality in seed corn has been recognized. Those who advocated it at first were laughed at but they have lived to receive their reward.

Experimental stations, farmers' institutes, railroad officials, milling interests all urge farmers everywhere to pay the strictest attention to the selection of seed corn for—what you "reap" depends on what you "sow."

**A Tomato Novelty.**

Everybody likes tomatoes and almost everyone who has any garden at all devotes some space to them, therefore



any improvements in tomatoes are considered of universal interest. Three years ago when the mammoth pink variety called Majestic was introduced,



It sprang at once into popularity and Mr. J. R. Lawrence, the noted horticulturist and experimenter of Massachusetts, grew one specimen weighing 5 1/2 pounds. Other persons reported single plants producing 100 to 150 pounds of tomatoes. The next year several persons exceeded even that marvelous weight and Mrs. A. Cronin of Akron, Iowa, grew a few plants with special care, fertilized them heavily and permitted only one fruit to ripen on each plant. Thus the entire strength of the plant went to one tomato and this resulted in some enormous specimens, the largest weighing 7 pounds, 7 ounces.

This year a new variety is being introduced by the same seedsmen, called the Red Majestic which appears to be identical except that it will be preferred by many on account of its bright red color. It is fairly smooth, very solid, with but few seeds, wonderfully productive and of peculiarly fine flavor. The seed is quite scarce this year and sells at forty cents per packet of one hundred seeds. Knowing that our readers would be interested in it, we have arranged with the introducers, the Iowa Seed Co., of Des Moines, Iowa, to send a trial packet of twenty-five seeds of the new Red Majestic tomato free provided you mention this paper in writing them. They will also send with it a copy of their large illustrated catalogue of all kinds of garden and farm seeds. A postal card request to the above named firm is sufficient.

**Did You See Them?**

We mean the editorial this week on "Sowing and Reaping" and the interesting article on "Pedigreed Seed Corn Breeds Wealth" which appeared last week on page 165.

Aside from the striking coincidence which justifies this comment, we urge any reader who missed either one or both to hunt up last week's paper and give these two the careful reading they deserve.

As to an editorial it is the subject itself rather than the mode of expression which is important, but the article describing how seed corn is bred for results on the famous Funk Farm at Bloomington so aptly and ably seconds our thought that we are glad to call attention to it again. It is a business announcement of the sort we can conscientiously refer to, and so we say again—"Did you see them?" If not, hunt up the paper and read both of them before you are a day older.

**Field Notes**

**LIVE STOCK REPRESENTATIVES.**

- J. W. Johnson.....Kansas and Nebraska
- L. K. Lewis.....Kansas and Oklahoma
- Geo. E. Cole.....Missouri and Iowa

The Dr. Thomas bred-sow sale on February 4 at St. Joseph, was fairly well attended on the part of breeders, but the local buyers were conspicuous for their absence, and the result was that the sale was discontinued after selling about twelve head. This was unfortunate, as the offering was well up to the standard in point of breeding and individual merit with other good sales of the season, and was calculated to make money in any herd of Poland-Chinas.

The firm of Spivy and Roffy, of Jamesport, Mo., announce the dispersion sale of their Poland-China swine at that place on February 24, at which time they will sell their entire herd at public auction. These gentlemen have been breeding hogs for some time, and have gathered about them a lot of hogs that are the good, profitable kind, and this sale will afford you an opportunity to get some mighty good stuff at your own price. Send for one of their catalogues, and mention THE KANSAS FARMER.

Remember that Friday, February 21, is the date of Alden F. Huse's closing out sale of his non-registered herd of Shorthorns. The sale will take place at "The Maples" five miles southwest of Manhattan, Kans. Seventy head of pure-bred non-registered Shorthorn cows and heifers will be offered at this sale. Also ten head of bulls, seven registered and three pure-bred non-registered ones. This is a good place for any one to improve their herd by buying some of these cows and heifers or a good bull. Mr. Huse is disposing of these cattle as he contemplates a change of business. He will still retain his registered herd of cows and heifers. See his display advertisement in this issue, and try and attend his sale; he will entertain you free while there.

Keep in mind the Duroc sale at Olathe, Kans., February 25, when J. F. Ensor sells a draft of excellent brood sows from his good herd of Duroc-Jersey swine. These sows are the good, profitable kind, and the kind that will make good in your herd, they represent the strong blood lines of this breed, and from the families that have made strong records in the show rings for the past several years. They are bred to the good boars that are in service on this farm of which we have made mention in former issues. Send in your name to Mr. Ensor, at Olathe, Kans., and he will gladly forward you one of his catalogues and give you any other information that you may desire with reference to his offering.

In this issue of THE KANSAS FARMER will be found the advertisement of A. B. Skadden's bred-sow sale at Frankfort, Kansas, February 25. The offering numbers 34 spring gilts and 6 tried sows and the sale will be held at Mr. Skadden's farm which is three miles northwest of Frankfort. Free transportation will be furnished from town to the farm and return and entertainment which will be free to

breeders from a distance who attend the sale at the Savoy Hotel. This is Mr. Skadden's first sale and an offering that is sterling all the way through is what he is offering on the above date. Everything is safe to the service of one or the other of the herd boars doing service in this herd. They are Red Wonder by Nebraska Wonder and out of a dam by Big Chief Ohio and he by Ohio Chief. B. N.'s Chief by Crimson Chief and Chet T by Chief Orion and out of a Kansas Wonder dam. The writer visited this herd recently and among the strong points that he noticed that were prominent was the fact that he whole offering are unusually good on their feet and possessed of the best of backs and well grown out. We believe you are going to be well pleased with Mr. Skadden's bred sow offering and you should aim to be there in person but if you can not you can send your bids to J. W. Johnson of THE KANSAS FARMER who will be in attendance.

Mr. Stallion Buyer: "It's the man behind the dough" that sells more and better imported stallions and mares for less money. He has "competitors" up in the air over his big horses and low prices. He is saving thousands of dollars to "stallion buyers." That's Frank Iams of St. Paul, Neb., the "square deal" horseman. He is the largest individual importer and breeder of Percherons, Belgians, and coaches in America. He sold one hundred and sixty imported horses in 1907, and saved \$1,000 each to his customers and sold a better horse. He will save stallion buyers a "quarter million dollars" in 1908, and sell them a "Peaches and Cream" stallion or mare that will make them \$600 to \$1,000 in service fees in 1908. Ikey Boys—this is the "gold mine" year for you to buy and breed horses. First-class horses are scarce and high and will be high for ten years yet. Take that money out of your old "tobacco box," time certificates of deposit, drafts, cashiers' checks and buy a stallion and four mares of "Iams the kind horseman." Then your money will be safe and making money daily. Buzz around Iam's town of barns. They are filled to the roof with new, fresh importations of one hundred and seventy-five Percheron, Belgian, and coach stallions and mares, 2 to 5 years old, weight 1,700 to 2,500 pounds, 90 per cent blacks. Forty French and Belgian prize winners at Paris, Brussels and noted shows. Fifty 1907 Nebraska prize winners. Iams sells his "show horses" annually. He buys new and better ones each year. For twenty-six years Iams has been "bumping the heads" of the "gold brick stallion salesman" with better and larger stallions, forcing the importer and breeder with inferior stallions and mares to sell them on the "auction block" as the last resort. And Mr. Ikey, no first-class stallions or mares are ever sold by peddlers or on the "auction block." Iams guarantees to sell you a better stallion at \$1,000 to \$1,400 (few little higher) than are sold to Farmers Stock Companies at \$2,500 to \$5,000. If you don't find this so, you can have the \$500 Iams hangs up. "It's not because your eyes are blue" that Iams tells you in his "ads" of money he will save you. He wants your business—that's why he advertises. He wants you to smile on him with a visit. He will make the "wheels of business" go round. Iams can place \$1,500 insurance on his stallions. He is an "easy man" to do business with, and his horses are so good they sell themselves. You say: "Why can Iams sell better stallions at half the price of others?" Iams buys and sells every stallion himself at his home barns. He buys stallions by "special train load," one hundred to two hundred at a time. He speaks the language, saving 20 per cent. He is not in the "stallion trust," saving you \$300. He pays no "slick salesman" \$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, stock, and stallions. He sells stallions by "hot advertising," and having the "goods" to make every statement good. Iams will save you \$1,000 or more in commissions and middlemen's profits. All of Iam's "show horses" are for sale. None reserved. You don't get away from Iams with money or bankable notes. He has his "selling clothes" on. Write for Iam's 1908 horse catalogue and eye-opener, showing one hundred out of two hundred stallions and mares in his barns that "must positively be sold," panic or no panic. Our illustration is Iam's Aimant" (64647) black Percheron stallion, 4 years old at 2,100 pounds. A prize winner and fastest drafter, with two good ends and a middle in United States. Try Iams, he will save you the "dough."

**Breeders' Fifth Annual Sale.**  
To be held at Bloomington, Ill., in Coliseum March 4, 5, 6, is none below the average in the horses, as there usual sales never are. We have in the front of the catalogue as the first consignment, a bunch of imported mares that were just imported in July by Mr. Chas. Van Pelt, that have great quality and bone and plenty of width. The second consignment is one from one of the largest importers and breeders of Percherons in the State, Mr. Robt. Burgess & Son, of Wenona, Ill., with ten head of imported stallions of the very best kind as Bob knows a good one and doesn't bring anything else.

Never did the public have such opportunity to select an imported stallion or mare of the merits of these, at public auction. Mr. D. Augustin, of Carlock, Ill., with a good consignment of imported and home-bred Percherons; Mr. R. D. Humphrey, Lacey, Ia., with a good bunch of Percherons; Sinnissippi Farm, Oregon, Ill., with a number 1 consignment of Percherons with the right type and breeding; Ed Hodgson, El Paso, Ill., with some of the best sons of Powerful 6670; F. E. Waters,

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Our terms are liberal. We know by helping you to save money on your building we will make a steady customer of you.

Save extra profits, unnecessary annoyances and delays.

Get this book. Send for it right now. It will mean dollars saved and a better home, or building, for you. Write

**Michigan Ave., Madison and Washington Streets CHICAGO**

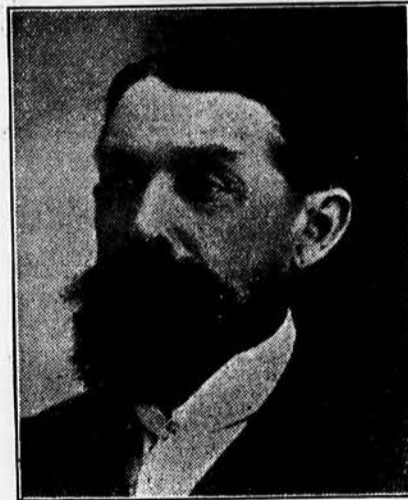
West Liberty, Ia., with eighteen head of Percherons and Shires, out of the very best families and with right quality and bone to make great stock and show horses; Henry Knoche, Midgville, Ill., with a good consignment of Percherons; Letch & Hathaway, La Fayette, Ill., those good old breeders with a number 1 consignment of Percherons, the best that ever left their farm; A. J. & F. R. Dodson, Normal Ill., with a good bunch of Percherons of the right size, type, and quality from the very best family of the right sort; L. D. Young, Bloomington, Ill., with some of the best bred Percherons in the State; L. F. & W. A. Boyle, Hennepin, Ill., with ten Shires and two Percherons from the noted prize winners of their herd; C. E. Moots, Bloomington, Ill., with eight Percherons; A. R. Fry, Urbana, Ill., Percheron and trotter; Simon King, Graymont, Ill., Shire stallion; H. Kerriek Estate of Percheron stallions; Fenton Horse Imported Co., Fenton, Ia., with Percheron and coach stallion; H. S. Hoyman & Son, Stanwood, Ia., with Percheron; A. J. Glick & Son, those good old breeders of Clarence, Ia., with a consignment of Percherons.

Now we can't name all the consignors as we have thirty-five others, with Percheron and Shire stallions and mares, coach and trotting horses. Now we won't claim to have all the prize winners of the different breeds, but we do claim this: We sell you some as good as grows in all the different breeds, and we sell them with a guarantee as to being breeders and to soundness, and the Percherons are registered in the Percheron Society of America, the genuine Percheron book. We guarantee that we give both the buyer and the seller a square deal, as the front page of our catalogue will tell you all the different stud books, and our pedigrees tell you where they are registered, so you know just what kind of a pedigree you are getting.

You may read in the papers where you may get "Peaches and Cream," and "save from \$800 to \$1,000 on a stallion," but right over here in Bloomington, Ill., March 4, 5, 6 is where the owner puts his horse up, and the buyer puts the price on him and takes the horse, and that is what we call fair treatment to both buyer and seller, as the consignors are here with the goods, and the buyer is coming, and make them fetch every dollar they are worth.

**Bancroft's Duroc-Jerseys.**

February 27 is the date of D. O. Bancroft's sale of Duroc-Jersey bred sows at Downs, Kans. The sale will be held at the farm which is a short distance south of town and it will be held in



D. O. BANCROFT.

a very comfortable place which will be well lighted and can be heated if necessary. The offering is unusually good and the breeding is very up-to-date, as you will note by consulting his advertisement which appears in another place in this issue. Forty head will be sold in all, and it will be a draft of the best from Mr. Bancroft's herd, which is well known because of its high quality. There will not be a better grown-out offering of gilts made in the State this spring, and the breeding is right also. We will have more to say about this offering, and the offering of R. G. Sollenburger of the 28th in our next issue. Catalogues are now ready, and can be had for the asking.

**The George B. Ross Shorthorns and Poland-Chinas.**

Hon. George B. Ross, Alden, Kans., who has been advertising his Shorthorns and Poland-Chinas in THE KANSAS FARMER, writes as follows: "Through our advertisement in THE KANSAS FARMER we have sold every bull we had on hand at very satisfactory prices. Among them was a nice pure Scotch yearling who went to T. J. Darise, Nickerson, Kans., to head his good herd of Shorthorns. One to Paine Bros., and one to C. A. Weaver, of Ad-

**26" SEPARATOR**

HAVE YOU SEEN OUR LATEST IMPROVED 1908 MODEL ECONOMY CREAM SEPARATOR? Built on the low down order, easy running, simple beyond comparison. Skims to a trace. The easiest running, closest skimmers, strongest and by far the best cream separators ever made. Prices so low they scream for attention. Look in one of our latest Big Catalogues for cream separators. If you haven't a Big Book borrow your neighbor's; otherwise before buying a cream separator anywhere at any price, on a postal card addressed to us simply say "MAIL ME YOUR LATEST AND GREATEST CREAM SEPARATOR OFFER." Address, SEARS, ROEBUCK & CO., Chicago.

**Beautify Your Front Yard with a "Cyclone" Fence and Gate**

At moderate cost, you can have the most stylish, up-to-date and durable ornamental fence in your neighborhood. We want to send you our great FREE Ornamental Fence Book, which describes and illustrates (in color) all our beautiful fences, gates, trellises, tree guards. Prices lower than you think. Send today. **Cyclone Fence Co., Dept. 23, Waukegan, Ill.**

mire, Kans., and a splendid 9-months-old pure Scotch calf with three bred gilts and a boar that all went to Tampico, Old Mexico." Mr. Ross further states that their stock is all doing nicely, and that they have a fine lot of young Scotch calves coming on. They have now on hand for sale a few very choice Scotch heifers but no bulls, over six months old. They also have quite a number of splendid Poland-China gilts of the good, growthy kind that are bred for March and April farrow, and three boars eight months old with plenty of quality. These pigs were sired by Grand Prospect 45093, and the dam of the boars won first prize at the Nebraska State Fair in 1906 and first and sweepstakes at St. Joseph Interstate Fair in the same year. If you want good stock for reasonable prices, write or call upon Mr. Ross.

**Lawrence Business College.**

The new school year opened with an increased attendance over former years. Students from all over Kansas and adjoining States are in attendance and new students are enrolling weekly.

A large and enthusiastic class in business practise was organized at the beginning of the year. This work is carried on in a separate apartment and comes as near approaching real business as is possible in a school.

**Seventh Annual Sale of Silver Creek Shorthorns.**

The event of the year in Kansas Shorthorn circles is the annual sale from Mr. J. F. Stodder's Silver Creek herd, which is located at Burden, Cowley County, Kansas. The date is February 19, 1908, and the place is the new heated sale pavilion at the new fair grounds, Wichita, Kans. For seven years Mr. Stodder has held this sale in Wichita in connection with the Robison Percheron sale, until it is now considered the great annual event not only for that part of Kansas tributary to Wichita, but also for all of the great southwest, Arizona, New Mexico, Colorado, and Texas are usually present and take some of the good things that are sold here annually.

Purchasers can be sure that the stock they are asked to bid on is well grown, well bred, in good condition and well guaranteed as to future usefulness.

The bulls this year are an extremely uniform lot; perhaps the best that have ever been sold. Among them are Standard Lavender, first prize at the Kansas State Fair, and fourth at the American Royal. It is probable that there is no thicker-fleshed bull in America to-day for his age than Standard Lavender. His dam is a daughter of the many times grand champion Lavender Viscount, and his sire is a son of the great Godoy King of Hearts was first in Kansas money at the State Fair and was also a prize winner at the American Royal. He is a Scotch bull of much more than ordinary merit, and is considered one of the best Scotch bulls to be sold this year. There is nearly twenty of these Scotch and Scotch-topped bulls without a mean one in the lot. Rarely does one find so many uniformly good ones in one sale. Among the females there are also both the Scotch and Scotch-topped kind. Twenty of them are two-year-old heifers, and a smoother, more even bunch would be hard to locate, and the fact that most of them are well along in calf to such bulls as Imp. Collynie, Capt. Archer, and Royal Orange adds materially to their value. There are nine young cows with calf by side. Some of these calves look to be show prospects. Perhaps the most valuable of these females is Red Lady 5th, a Scotch cow with a red Capt. Archer heifer calf by side. There is also a valuable Victoria heifer consigned by Mr. S. C. Hanna of Howard, that is in calf to Prince Royal; Collynie Mastletoe is the only Capt. Archer heifer in the sale and she is as good as she is well bred, and she is in calf to Stan-



lard Lavender. There are many others that are strictly topy and about which you can get full information from the catalogue, which is handsomely gotten up and which can be had by applying to J. F. Stodder, Burden, Cowley County, Kansas.

**Sollenburger's Duroc Sale.**

We desire to call the attention of Duroc-Jersey breeders all over Kansas in particular, to the advertisement of R. G. Sollenburger, Woodston, Kans., who is advertising to sell Duroc-Jersey bred sows at his farm, which is a short distance from Woodston, on February 28. We do not believe there is another better-posted breeder in the State on the different lines of breeding and the best crosses that is possible in mating. We have visited this herd recently, and while nothing is loaded with fat, it is all in the best possible condition, in that respect to do the purchaser good. Mr. Sollenburger has bought more high-priced animals than any other breeder in the State that far West. By looking up his advertisement in this issue you will notice that his offering on the above date contains nothing that could be termed plain breeding, but it is an offering of fashionable breeding and good individuals all the way through. That there is sure to be some great bargains in this sale is a sure thing because of the fact that it is a little farther west where the corn crop was mighty short last season. Mr. Sollenburger is a young man of sterling character and stands well with the breeders with whom he has come in contact during the past three years and at home where he is still better known everyone is his friend and are interested in his great herd of Durocs which he has established, regardless of the price by buying from the best herds in three States.

We are going to give a resume of the breeding found in the herd in our next

north and at Clyde for either north or south points.

You can attend both these sales very conveniently and in doing so you will meet a class of young breeders at both sales that it will pay you to cultivate. Some splendid young herds are to be found in Rooks and joining counties. Both Mr. Bancroft and Mr. Sollenburger have been good buyers at the big bred-sow sales of the county, and no better bred sow offerings will not be made in Kansas this winter. Catalogues for both sales are now ready, and a postal card will bring one by return mail. It will pay you to be at both of these sales, as the offering is really good in both instances, and bred in the purple. J. W. Johnson, of THE KANSAS FARMER, will be in attendance at both sales, and bids may be sent to him in their care at either place. Write both breeders for their catalogues.

**Howard Reed's Poland.**

In another place in this issue will be found the advertisement in which Howard Reed, the noted breeder of high-class Poland-Chinas, of Frankfort, Kans., is announcing his dispersion sale of his entire herd of Poland-Chinas, including his three herd boars, two of them known to probably every breeder of Poland-Chinas in the West, and around twenty tried sows that are the foundation of this great herd. First of the attractions of the tried sow offering we believe is Miss Spring, and possibly the next two that deserve special mention is her two daughters. Don't make the mistake of thinking that they are small because they are not. They have immense size, coupled with quality and finish to burn. It is a hard matter to make mention in a field note of the real attractions, especially in a case of this kind where they are all really attractions. Amy Perfection, the dam of the great Lall's Perfection, the great herd boar that



Robison mares that won the Gold Medal at the 1907 American Royal. The J. W. & J. C. Robison seventh annual sale of Percheron stallions and mares will be held in the New Fair Grounds sale pavillion, Wichita, Kans., Tuesday, February 18.

issue, in the meantime look up his advertisement, which appears in this issue, and see what you think of the blood lines it contains. Catalogues are ready, and a postal card brings one. Remember that D. O. Bancroft sells at Downs, Kans., the day before, and that you can attend both sales for the same expense. Get both catalogues.

**Two Duroc-Jersey-Bred-Sow Sales.**

February 27 and 28 are the dates of the D. O. Bancroft and R. G. Sollenburger Duroc-Jersey bred-sow sales at Downs, Kans., and Woodston, Kans., respectively. Both of these towns are on the central branch of the Missouri Pacific, and can both be attended with practically the same expense. Mr. Bancroft will sell in a very comfortable sale pavillion, which he is fortunate enough to possess on his farm, which is a short distance south of Downs, on the 27th, which is Thursday. His offering is a grand, good one, and numbers forty head that have been selected from his herd with considerable pains. Mr. Bancroft will entertain his guests on the date of his sale at the Mullins Hotel in Downs, and from there you can go to Woodston direct the next morning after breakfast.

At Woodston you will find carriages waiting at the depot to convey you to the Sollenburger farm, which is also a short distance south of town. Returning you can leave Woodston in the evening and can make the best of connections at Beloit going south on the Union Pacific, at Jamestown going

**WHAT CAUSES HEADACHE.**  
From October to May, Colds are the most frequent cause of Headache. LAXATIVE BROMO QUININE removes cause. E. W. Grove on box 250.

will go in this sale, is undoubtedly an attraction that deserves more than just a casual mention. However, lack of space will not permit of our going into details to a great extent.

We want to urge Poland-China breeders everywhere to not overlook this rare opportunity to be present at what is probably the greatest dispersion sale of Poland-Chinas that will be held in the State this season. Up to a few weeks ago Mr. Reed had no idea of dispersing his herd, and was busy at the farm most of the time attending to the breeding and was making preparations and was expecting the biggest and most useful lot of pigs in the spring that that he had ever raised. Conditions are such that he had a right to expect it. Everything was bred for an early farrow, and he undoubtedly had reserved in addition to his tried sows a great draft of spring gilts which were bred as the tried sows have been to one or the other of the great herd boars for early farrow. Now he has rented his farm and decided to quit for a while at least, or until he regains his health, which has been seriously impaired during the past year.

Everything goes in this sale to the highest bidder without a reserve of any kind. The great Indiana 2d, Lall's Perfection, and another promising young herd boar will go to the breeder who puts on the last bid. Everyone knows that this is to be a proposition of snags all the way through, because herd boars are not in demand at this time of the year, and as the time is short, breeders will not realize the value of the great tried sows that go in this sale until they have been sold. J. W. Johnson of this paper will be in attendance, and will handle bids for those who are unable to attend in person.

**When Preparing to Paint**

No one preparing to paint can consider too carefully the *quality* of his materials.

The superior excellence of White Lead and Linseed Oil as paint is long established. Such paint is always reliable if the White Lead and Linseed Oil are *pure*.

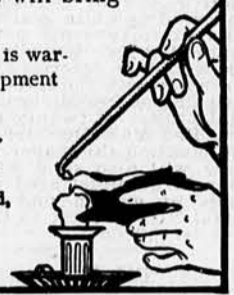
Anyone may test the purity of White Lead by a very simple experiment. A postal card requesting directions will bring full information and equipment.

White Lead bearing the Dutch Boy Painter trademark is warranted to stand the test. Write for Test Equipment 23. Address



**NATIONAL LEAD COMPANY**

*in whichever of the following cities is nearest you*  
New York, Boston, Buffalo, Cleveland,  
Cincinnati, Chicago, St. Louis,  
Philadelphia (John T. Lewis & Bros. Co.)  
Pittsburgh (National Lead & Oil Co.)



Get Mr. Reed's catalogue, which is now ready, and take our word for it that it is going to be a good place to be if you can use a few snags in Poland-Chinas.

**Last Call for Duroc Circuit Sales.**

This is the last call for the great Duroc-Jersey bred-sow circuit of sales which commences with T. P. Teagarden, Wayne, Kans., February 19, and from which place the breeders will go to Agra, Kans., where W. C. Whitney will sell in town the day following which is the 20th. The day following Mr. Whitney's sale at Agra, E. M. Myers, of Burr Oak, will sell a draft of bred-sows which completes the circuit.

All three of these well known breeders are good buyers every winter at leading bred-sow sales, and this winter has been no exception, as all three have been very liberal buyers from several herds in Kansas. All three of these breeders are known to be men of integrity, and everything sold in these three great sales will be just as represented or no sale. You can depend on this statement to the fullest extent.

Remember that T. P. Teagarden sells on Wednesday, February 19, at Wayne, Kans., which can be easily reached either from Concordia or from Agenda on the Rock Island, where teams will be ready to bring you to the farm or from Tamo on the Union Pacific, where the same arrangements have been made. From Wayne breeders will be conveyed to the Rock Island, where good connections can be made for Agra, where Mr. W. C. Whitney will have everything in readiness for the comfort of his guests that evening. The date of the Whitney sale is Thursday, February 20. From Agra the best of connections can be made either that evening or the next morning for Burr Oak, where Mr. E. M. Myers sells on Friday, February 21, or the day following the Whitney sale at Agra. All three catalogues are out, and you still have plenty of time to secure them. Drop each party a card for one and you will get it by return mail. Look up all three advertisements in this issue for further particulars about the breeding. J. W. Johnson of THE KANSAS FARMER, will attend all three sales, and bids for either of them can be sent to him in care of the breeder for who it is intended.

**S. A. Hands Sells Durocs February 26.**

S. A. Hands, of Thayer, Kans., is advertising his Duroc-Jersey bred-sow sale on another page of this issue, to which we invite the special attention of our readers.

This sale will be held at his farm, three and one-half miles southeast of Thayer on Wednesday, February 26. The writer recently inspected Mr. Hands' offering, and can recommend it as among the best that he has seen this year, both in breeding and individuality. Mr. Hands' consignment will consist of thirty-five head, twenty-seven of these are extra well grown spring gilts, of good color, fancy head and ears, the best of feet, plenty of bone, strong, thick-fleshed backs, and are chock full of quality. In fact, this is one of the most even lots that we have seen.

These gilts are out of good dams, and by Neosha Chief 37161 and Thayer Boy 61015. Neosha Chief is a good breeding grandson of Ohio Chief, one of the greatest hogs of the breed living or dead.

Thayer Boy is by Galesburg Boy, and he by Fancy Kant Beat Me. There will be eight proven sows all under 3 years old, by such sires as Admiral Togo 37285, he by Duroc Reformer; Crimson Wonder, jr., 38755, and Hands Beauty by Missouri Advancer, who won second in class at the Iowa State Fair, 1906.

The offering will be bred to Orion Chief, Billie KX, and Thayer Boy. Orion Chief is a grandson of the great Orion, his dam is Coon Rapids Girl 120886 by Big Davidson 24847. Billie KX is by Dandy Wilkies' dam Crimson Girl by Royal 2d.

Among the attraction of the sale will be three extra fine gilts out of Top Lady, by Top Chief 38965, he by Kant Be Beat. His dam is Miami by Old Top Notcher. Among the foundation stock in Mr. Hands' herd are animals from the herds of such well known breeders as Messrs. Foust, Morton, Van Patten, Manley, Briggs, and others. His offering will be well fitted and everything will be presented in the pink of condition. The sale will be held in good, warm quarters, under cover, and free conveyance will be provided for all to the farm.

**WHAT DO YOU SAY?**  
Several hundred thousand farmers say that the best investment they ever made was when they bought an  
**Electric Handy Wagon**  
Low wheels, wide tires, easy work, light draft. We'll sell you a set of the best steel wheels made for your old wagon. Spoke united with hub, guaranteed not to break nor work loose. Send for our catalogue and save money.  
ELECTRIC WHEEL CO., Box 46, Quincy, Ill.

This is Mr. Hands' first sale and you are invited to be his guests on sale day, even if you do not expect to buy. Write for a catalogue, and kindly mention this paper.

**Stephenson Bro's Duroc Dispersion Sale.**

We invite the especial attention of our readers to the advertisement of Stephenson Bro's, of Elk City, Kans., who are advertising a dispersion sale of their good herd of Durocs.

This sale will be held at their farm, five miles west of Elk City, on Monday, February 24. Their offering will consist of forty-five choice females and their two herd boars, King I Am, by Big I Am, and Crimson Model, by Crimson Challenger. This will be a dispersion sale, and all the choice animals in their herd will be sold to the highest bidder without reserve. We have inspected Stephenson Bro's offering, and can recommend it as one from which any breeder would be glad to buy both from the standpoint of breeding and individuality.

The female portion of their consignment will consist of fifteen proven sows in their prime, nine choice fall gilts, and twenty-one extra well grown fancy spring gilts.

Some of the sires of the tried sows are: Oom Paul 2d, Crimson Wonder 2d, Second Surprise, Missouri Wonder, Mc's Pride, King Wonder 5th, Cole's Duroc, and Monarch. The fall gilts are by Red Wonder, he by 2d Climax, Red Wonder is out of Oom Paul 2d dam. The twenty-one spring gilts are sired by King I Am, Red Wonder, and Star Wonder, by Mc's Pride. The sows are safe in service for early farrow to the herd boars King I Am, Crimson Challenge, and a grandson of Ohio Chief. Among the attractions of the sale will be two very choice spring gilts by 2d Tip Top Notcher, he by Tip Top Notcher, the World's Fair champion, and bred to a grandson of Ohio Chief. The herd boars which they will sell are outstanding individuals, and carry some of the best blood lines of the breed. King I Am is out of the prize winning Bell Hanley, who won first money at the Indiana State Fair, 1905, and his sire Big I Am by Buddy K 4th, first in class at the Illinois State Fair, 1904.

Crimson Model's grand sire is Duroc Challenger, and his dam Cleopatra is by Monarch, and out of a Kant Be Beat dam. This stuff has been fed and developed in a manner to insure vigor, longevity, and sure breeding qualities, and will be presented on sale day in the best possible condition. Stephenson Bro's want you to attend this, their dispersion sale. There will be free conveyance from town to the farm, and buyers from a distance will be entertained free at the Cottage Hotel in Elk City. Write for catalogue and arrange to attend, if you can not come, bids sent to L. K. Lewis of this paper in Stephenson's Bro's care will receive careful attention.

**Ishmael's Bred Sows at Auction.**

This is the last call for the Poland-China bred-sow sale at Laredo, Mo., February 21, when B. F. Ismael sells from his herd a draft of bred sows that belong to one of the most aristocratic families of the Poland-China breed, and bred to his three great boars Reputation, Contender, and Fancy Perfect.

This will be one of the interesting sales of the season, as there are included in the offering sows that have had much to do in bringing the Poland-China business to the high plane it now occupies in the world.

Mr. Ishmael has visited the very best herds in the country and purchased



these animals to place on his farm, knowing that it is only the best that can bring the desired results. A glance at his catalogue will tell you that the offering is as rich in breeding as will be found in any place on earth. Now if you want some of the best in the business it will pay you to investigate this and be on hand sale day. Laredo is located on the Chicago, Milwaukee and St. Paul railroad, one hundred and two miles east of Kansas City, with good train service.

**A. K. Sells' Sale of Poland-Chinas.**

A. K. Sells, of Fredonia, Kans., will hold a bred-sow sale of Poland-Chinas at Fredonia, Saturday, February 29, as advertised on another page of this issue of THE KANSAS FARMER. His offering, which will be a choice one, representing some of the best blood lines of the breed will consist of fifty head, twenty proven sows in the prime of their usefulness, twenty-four choice well-grown fall and spring gilts, and a few tappy spring and summer boars. Mr. Sells herd is headed by Corrector Sunshine 10185, an excellent breeding son of Luster Sunshine 63513, who weighed 750 pounds, and who sold for \$200 at 7 months old.

Corrector Sunshine is out of a Corrector dam, and is closely related to some of the noted breeding and show hogs of the Poland-China world. He is a good individual of the show yard type, with size, bone, and finish, and judging from his get, which the writer saw, he is a strong breeding animal.

A large part of the young stuff in the sale will be by Corrector Sunshine and out of such dams as Mischief Maid, first at the Iowa Fair, 1906, Minstrel's Pride, and Corrector Girl by Minstrel (a half interest in these two sows were sold by Stryker Bros. to Snyder Bros. for \$250. They are good ones, Sweet Cream, dam by Perfect Bob, bred by Winn and Mastin, Miss Mischief, by I Am Mischief Maker, Lady Radium, by Tip Top Perfection, Lady Mischief, by Sunshine Mischief, and other good ones.

In the offering there will be seven sows bred to Corrector Sunshine, four to Perfect Challenger, one to Chief Sunshine 2d, one to Success and one to

in this sale a litter sister to this good boar, and she was also second in class at the Kansas State Fair, 1906. Her number in their catalogue is 10, Orions Bird, No. 140506. She has style and finish combined with great size, and is one of the good sows of this offering. We would also mention Prince Wonder 42455 by the 1,100 pound Missouri Wonder. He is a hog of great scale, and is one of the great sow getters of the State. He has very heavy bone, good, arched back, up on toes, and is a half brother to Kansas Wonder and the great show boar American Royal. When bred to sows of more compact type and less scale his cross on them gets excellent litters and your herd would not be complete without some of the Princess blood. Fancy Goods 72337 is one of the young boars that they have called into service and he is just what his name implies, a strictly fancy piece of goods. He has the finest, softest, and best colored coat we ever saw on a Duroc. He has a high arched back, good length, heavy bone, first class on his feet and legs on the corners, has a very fancy head and ears, broad back and well sprung rib, and is sired by W. L. A.'s Choice Goods 42409. Carrying the blood of Belles Chief, Nebraska Belle, Ohio Chief, and Protection. Surely here is a well bred fellow, and he ought to be something fancy and you will find several of the best gilts of this offering bred to him. Now we have come down the list to Shorty Orion 53341. One of the greatest prize winners and the best boars we ever saw. He has about a dozen of his daughters in this sale, and we would invite you to look them up, they are simply fine, and show it in every line. We have note of this great boar and have published his cut several times in this paper, and take it for granted that every breeder has known or heard of this wonderful good hog, and think when you go to the sale you will want some of his get, and would have you take a look at the specially fine fall yearling sow, Perfection Maid, that is bred to him. Here is one of the best young sows that will be sold this season in the State. She is by Fancy Chief, and her dam by Improver II 13365. Why hasn't she a right to be a good one? She has the blood and sure

**RAISERS OF FINEST POULTRY USE  
WARNER  
POULTRY FENCE**



Its strong weave and heavy wire make it especially valuable as a protective fence in addition to forming a secure enclosure.

The pickets run uncut from bottom to top. In the whole body of Warner Fencing there is not one cut wire. No boards are needed to support it either top or bottom. We guarantee it never to sag. The strands are woven 1 1/4 inch apart at the bottom and graduated up.

Warner Poultry Fence is close enough to keep in every small chick and strong enough to turn the largest stock. Isn't this extra strength worth asking for?

In all heights and sizes at dealers everywhere.

**THE WARNER FENCE CO.,  
Ottawa, Kans.**

*"Behind the Warner Fencing is the Warner Guarantee."*

ity of their Durocs. Last fall at the Hutchinson State Fair they won nine firsts and two grand championships, and have always captured more than their share of the principal prizes wherever they have shown.

This will be one of the best lots to be offered in that part of the State this year, and Alfred and Son's consignment will furnish first class material to all who need foundation stock or new blood for herds already established.

This is the last call for their sale; remember the time and place, Tuesday, February 18, at Sharon, Kans. Look up their ad in this issue and write for catalogue and arrange to go and buy some of this choice stuff.

**Last Call for Spangler's Sale of Big Poland.**

The advertisement of J. D. Spangler of Sharon, Kans., advertising his sale of the big type of Poland-Chinas, which will occur Wednesday, February 19, appears for the last time in this issue. This sale will be held at Mr. Spangler's farm, two and one-half miles east of Sharon, in his new sale pavilion, which he has erected for this purpose.

His offering will consist of forty-five head, fifteen tried sows and fall yearling gilts, and thirty extra well grown spring gilts, all safe in service to his herd boars, Progression 131157 and Mogul Ex. 134821.

Progression is by Expansion and was bred by Dawson and Sons of Endicott, Neb. He weighed 600 pounds at 12 months old, with plenty of bone to carry it. He has plenty of finish as well as size, and is proving himself a strong breeding sire.

Mogul Ex. was bred by Jenson and Son of Bellville, Kans., and is by Mogul 36843, and out of an Expansion dam, his paternal grand sire is the great breeding hog Blain's Tecumseh 29338. Mogul Ex. has great size, plenty of bone, and lots of quality. Mated to such sires, Mr. Spangler's offering will be most desirable from every standpoint, and this will probably be the only opportunity to procure this type of Poland in that part of the State. It has been amply demonstrated that this is a profitable type to breed, and all those interested should not fail to attend this sale. Write Mr. Spangler for a catalogue and attend his sale Wednesday, February 19.

**Cottingham and Son's Successful Sale.**

W. H. Cottingham and Sons held their twelfth annual sale at McPherson, Kans., Tuesday and Wednesday, February 4 and 5, as advertised in THE KANSAS FARMER.

This was one of their most successful sales, and their excellent offering was appreciated by the large crowd of buyers present. It has been the constant aim of Cottingham and Sons to improve the quality of their consignment to these annual sales and their regular patrons agreed that everything considered, this was one of the best lots ever sold.

Tuesday, February 4, a high class offering of horses, consisting of single and double drivers, drafts and brood mares, were sold at good figures. Forty-one

**Own a Cream Separator Without One Cent of Investment.**

I want the name of every farmer in the United States who owns as many as three cows and who does not own a cream separator. One of these farmers in every township can own a Speelman Separator absolutely free.

After years of experience in the separator business, selling through jobbers and dealers, and after months of figuring on the unnecessary expense of selling this way, I have decided to sell direct from factory to farm, and in order to introduce my machine I will for a limited time give to the first man writing me from each township an opportunity of getting my cream separator free. Remember, the Speelman separator is sold on a positive free trial and under my ironclad guarantee. If you do not need a separator now, but expect to buy later, it will pay you to investigate at once. Write me today and I will send you my proposition immediately.

**CHAS. SPEELMAN CO.,  
305 New Nelson Bldg., Kansas City, Mo.**

**"GO" \$375.00 \$450.00**

2 to 25 miles per hour—30 miles on 1 gallon gasoline.

**AS FAR AS YOU LIKE**

—Up hill or through mud.  
—At prices right to suit you for a

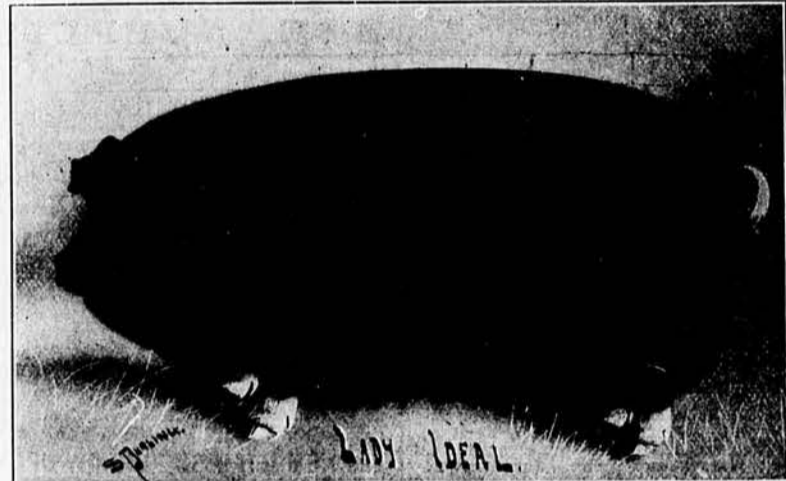
**BLACK MOTOR RUNABOUT**

Guaranteed every way—Safe—Dependable—Handsome finish—Most durable materials and workmanship. Engine 10 H. P., 3 cylinders, air cooled—Chain drive rear—Double brake. Also top motor Buggies and Surreys. Free Book No. A15; shows all—write. BLACK MFG. CO., 124 East Ohio Street, Chicago, Ill.

**VARICOCELE**

A Safe, Painless, Permanent Cure GUARANTEED. 30 years' experience. No money accepted until patient is well. CONSULTATION and valuable BOOK FREE, by mail or at office. DR. C. M. COE, 915 Walnut St. Kansas City, Mo.

When writing our advertisers please mention The Kansas Farmer.



Lady Ideal (110957) who goes into the bred sow sale of E. E. Axline, of Oak Grove, Mo., which will be held at Independence, Mo., Tuesday, February 20.

Meddler's Medal. Everything will be well fitted and presented in the best possible condition to insure their future usefulness.

The sale will be held at the fair grounds in Fredonia. This is Mr. Sell's first sale, and he extends a special invitation to all lovers of good swine to be his guests on Saturday, February 29. Write him for a catalogue, and arrange to be there.

**Begin Now**

And make your arrangements to attend the great bred-sow sale of John W. Jones & Son at Concordia, Kans., Tuesday, February 18. This will be one of the great Duroc sow sales of the winter. They will sell at this sale some of the greatest sows of the breed and the tops of their good herd; sows that have the size and the quality; sows that are tried and are number 1 producers and raise good litters every time; sows that are prolific and are bred in the highest blood of the Duroc. They are bred to the six great herd boars that head the famous Fancy herd, Fancy Chief 24923, the most of our readers are well acquainted with and many have sows and herd headers from this good son of Ohio Chief, the first prize boar in class at World's Fair. Fancy Chief is one of the richest bred boars of the breed, and one of the very best breeding boars ever sired by his grand and noted sire, Fancy Topnotcher 40339, is another of the great herd boars. He was first in class at Kansas State Fair, 1906, and was sired by Kant Be Beat, and his dam the grand good sow Topnotcher Lass 71084, by Topnotcher 8803-a, sire of the grand champion boar at World's Fair. Fancy Topnotcher is a very fine individual, with great size, great length, smooth, deep body, very heavy bone, nice head and ears, splendid feet, and we think those who attend this sale will say he is truly a great sire, as the gilts and sows in this sale will show you the kind of stock he gets.

You should attend this sale and see him. If you will take a look at numbers 27, 28, 29, 33, 36, 37 and 38, in their catalogue, you will want a sow bred to this great boar. Woodlawn Prince 53343, is another of their good boars, and is siring some of the best pigs on the farm. He is a fine individual, high, arched back, splendid feet and legs, good bone, fancy head and ears, and was the second prize boar at Kansas State Fair, 1906. He is a grandson of Orion on sires side and of Protection on dams side, making him a grandson of two of the greatest sires the breeding world has ever known. He is a great breeding boar, and they have refused some fancy prices for him. There will be sold

is a picture, and when that sow goes into the ring we think there will be something doing about that time.

Number 31 in catalogue is a full sister to one of the top gilts of their last winter's sale, and is bred to Shorty; she should go some, too. We would call your attention to Nos. 34 and 35, two gilts by Shorty and dam the great sow Fancy Xenia, No. 2 in catalogue. Here are two of the good gilts of this sale. They are fit to go into any herd in the land, and when there would be a credit to it and will make very fine sows. Three more by Shorty are 39 and 40, and 41. They are from one of their best sows, and was sired by Proud Advance. They will please whoever buys them, and consider yourself in luck if you are the lucky man who gets them. We might go ahead and make special mention of many others, but we have tried to mention enough to show you why we consider this one of the best offerings to be sold this winter. Go this sale and see the stuff and you will agree with us in all we have said. Remember the sale date, Tuesday, February 18, 1908. Write them for a catalogue if you have not received one, and they will send it at once. Come to the sale if possible and if not, send bids by mail to fieldman for this paper or auctioneer, Colonel Jas. W. Sparks or Jno. Brennan in care of Jno. W. Jones and Son, Concordia, Kans. All such bids will be treated fair and by responsible and competent judges.

**Last Call for Alfred and Sons Duroc Sale.**

Alfred and Sons Duroc-Jersey bred-sow sale will be held at their farm adjoining the town site of Sharon, Kans., on Tuesday, February 18, as advertised on another page of this issue. At that time and place they will sell a selected draft from their good herd of Durocs, consisting of sixty head, twenty-five tried sows and fall gilts, twenty-five fancy well-grown spring gilts, and ten extra good young males.

This offering represents some of the best blood lines of the Duroc-Jersey breed, and everything will be well fitted and presented in the best possible condition to insure their future usefulness. The sows will be bred for early farrow to Silk Wonder 3d, Buddy K's Bud, and Comet. Silk Wonder 3d is a good breeding son of the celebrated Silk Worm, Buddy K's Bud is by Buddy K 4th, and Comet is a grandson of old Gold Finch and of Tip Top Notcher the World's Fair champion, and is out of an Oom Paul dam. It would be hard to find richer breeding than is represented in this fellow.

Alfred and Son are noted for the qual-

**EARN \$80 TO \$150 A MONTH**

**WANTED—Young Men for Firemen and Brakemen.**

We prepare you by mail in from four to six weeks for either of the above positions. We have had more calls for our competent men than could be supplied. Positions are secured. Promotion rapid.

**REMEMBER, this Association is directed by Railroad Officials** of four of the largest roads in the United States.

If you want to be a railroad man, cut out coupon and send to us at once for full particulars. Write name and address plainly. Many positions now open. Address

**NATIONAL RAILWAY TRAINING ASSOCIATION**  
OMAHA, NEB. or KANSAS CITY, MO

Name \_\_\_\_\_ P. O. \_\_\_\_\_ State \_\_\_\_\_ Age \_\_\_\_\_



head sold for \$6,180.75, making an average of \$150.75. The top of the sale was the fine saddle mare, Kansas Girl, she was bought by A. F. Sackett, of McPherson, for \$240. The top price paid for draft animals was \$200.

On Wednesday, February 5, forty-five head of good Shorthorns were sold. This was by far the best offering the Cottinghams have made. Their offering was largely young things, and they were presented in plain, every day condition, and while prices did not rule high, everything offered was taken at a fair valuation. Cutting out a few calves that were sold, the average price was about \$50 per head.

Cottingham and Sons expect to hold another annual sale next year, and in accordance with their established custom they promise that their offering will excel in quality all former ones.

Colonels Curphey, Potter, and Seitz did the selling in a manner that pleased every one present, and that realized the very best prices for everything sold.

Last Call for Axline's Bred-Sow Sale.

We want to again call your attention to the sale of Poland-China bred-sows at Independence, Mo., February 20, when E. E. Axline, of Oak Grove, Mo., will sell as grand lot of individuals as will grace any sale ring this season. They are all bred along the most fashionable lines.

This is one of the most uniform in point of individual goodness of any lot that have ever come from this famous herd. There are fifteen tried sows and twenty-five yearling sows included in the offering that are extra good.

Mr. Axline announces in his catalogue that they are not all "hot bloods," but

Table listing various breeders and their prices, including Lee Standford, L. B. Arnold, Enterprise, etc.

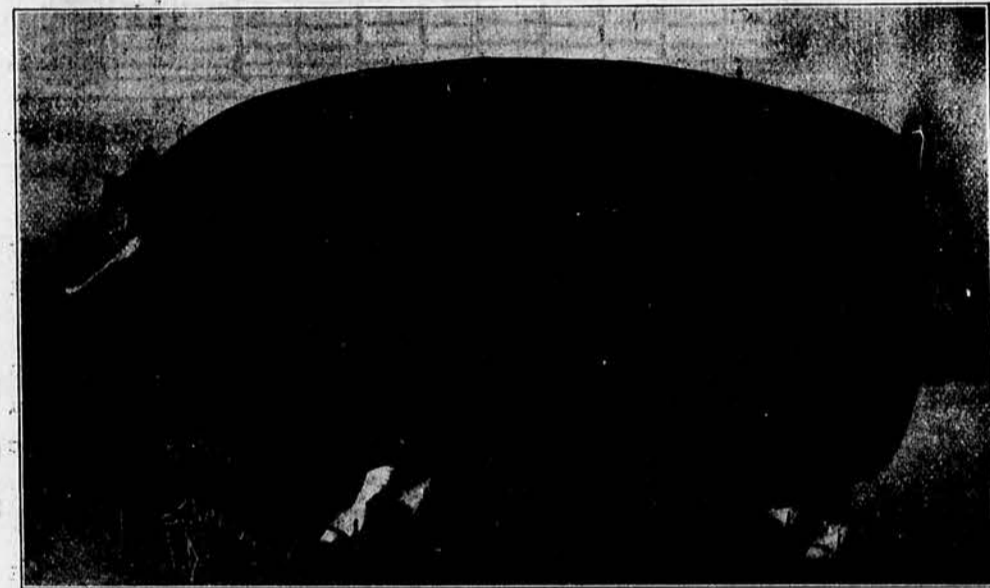
Table listing various breeders and their prices, including L. D. Pagett & Segrist, J. D. Danielson, Clyde, Kans., etc.

Vick's Duroc Sale.

January 25 was the date of W. L. Vick's sale of Duroc-Jersey bred sows at Junction City, Kans. The day was an ideal one and the largest attendance the writer has seen at a public sale in a long while was out to attend Mr. Vick's sale.

Jas. L. Cook's Sale at Marysville.

In the Jas. L. Cook sale of Duroc-Jersey bred sows at Marysville, Kans., January 21, but 22 of the offering were sold. The top of the sale was \$67.50, which was paid by Pearl H. Pagett, of Beloit, Kan., for No. 2, which was the fine tried sow, Daisy Campbell 2d; \$61 was paid by Jerome Williams, of Home, Kans., for the top gilt, which was No. 1 in the catalogue.



Hello Girl 311698, who is No. 6 in the bred sow sale of E. E. Axline, of Oak Grove, Mo., which will be held at Independence, Mo., February 20.

are the profitable kind, the kind that will make money for the man who owns them, and no man is better qualified to pass judgment on the profitable kind than this breeder when we remember that this is his thirty-fourth sale of Poland-Chinas, and about half of them bred-sow sales. These sows are bred to the three herd boars that are in service on his farm.

If you have not received a catalogue, better write for one to-day and arrange to attend this sale.

Combination Poland Sale.

January 31, which was the date of the J. J. Ward and Dr. B. P. Smith combination Poland-China bred-sow sale at Bellville, Kans., was very stormy and in fact the worst day so far this winter. A fairly good crowd of breeders was in attendance and also a nice attendance of farmers, although they were not buying.

Table listing various breeders and their prices for the Combination Poland Sale, including W. C. Bonniefield, Frank Winn, etc.

FREE BOOK ABOUT CANCER.

CANCEROL has proved its merits in the treatment of cancer. It is not in an experimental stage. Records of undisputed cures of cancer in nearly every part of the body are contained in Dr. Leach's new 100-page book. This book also tells the cause of cancer and instructs in the care of the patient; tell what to do in case of bleeding, pain, odor, etc. A valuable guide in the treatment of any case. A copy of this valuable book free to those interested. Address, Dr. L. T. LEACH, Box 185, Indianapolis, Indiana.

satisfactory to Mr. Cook. Below we give the names of some of the buyers and the amounts they paid:

Table listing buyers and amounts for the Cook sale, including Spring gilt, Monroe Williams, etc.

Joiner's Sale at Clyde.

One of the biggest crowds of representative Duroc breeders that was ever assembled at one sale in Northern Kansas was the one that was gathered at J. E. Joiner's sale of bred sows at Clyde, Kans., January 27. The day was fine and all arrangements had been made for caring for a big crowd. One of the finest dinners that the writer ever sat down to was prepared for the occasion by the ladies of the Christian church and served in a vacant store building. A nice, comfortable place to sell in had been fixed up in the brick livery stable and was well seated and plenty of light made it a very comfortable place in which to sell.

Table listing buyers and amounts for the Joiner's Sale, including Geo. Bulgus & Son, G. Sollinger, etc.

Mellenbruch's Public Sale.

J. H. Mellenbruch's first public sale from his nice herd at Morrill, Kans., was made at Hiawatha, Kans., January 24.

There was a good attendance of farmers and some breeders and every one was enthusiastic about the kind of Duroc he is producing. Thirty-two head were sold in all and at an average of a little above \$20. It is Mr. Mellenbruch's first sale and while he had a right to expect a better average on the kind of an offering he was putting up he expressed himself as entirely satisfied. The sale was held in comfortable quarters, and those attending were well taken care of. Colonel Marion conducted the sale in a highly satisfactory manner. Below is a list of those paying \$20 and up:

Table listing buyers and amounts for the Mellenbruch's Public Sale, including E. L. M. Benfer, J. B. Davis, etc.

Finley's Jack and Stallion Sale.

W. J. Finley, the jack breeder of Higginsville, Mo., will hold his annual sale of jacks at the fair grounds in the suburbs of that city on Monday, March 2, 1908.

Mr. Finley is a breeder of considerable reputation, and the announcement of this sale will no doubt create an interest among the men who are engaged in this business. There are about twenty-five black mammoth jacks, and eighteen high-class stallions included in the offering.

These jacks are all registered or eligible to registry, and if you are in the market this spring for a good jack or stallion it may be to your interest to get in communication with Mr. Finley with reference to this offering. More will be said about these jacks in the next issue of this paper.

Davis Duroc Bred-Sow Sale.

J. B. Davis's annual Duroc-Jersey bred-sow sale at his farm adjoining Fairview, Kans., January 23, was not as well attended as his sales usually are. Many of his farmer friends were there but were not in the market for hogs at any price. A number of breeders were there and took the best things in the offering at prices that ranged very low considering the high quality of the offering. Thirty-five head was sold, including three head that was not

HORSE OWNERS! USE



CAUSTIC BALSAM.

A safe, speedy and positive cure. The safest, Best BLISTER ever used. Removes all bunches from horses. Impossible to produce scour or bleed. Send for circular. Special advice free.

THE LAWRENCE-WILLIAMS CO., Cleveland, Ohio.

SCOURS

Cured in pigs, calves, colts and sheep by feeding ANTI-SCOUR. Send for circular. The Agricultural Remedy Co., Topeka, Kansas

THE ROYAL HOTEL, Lincoln, Neb.

Modern, fire proof, only American Plan Hotel in the city. Centrally located, 18th and O sts.

Vincent's Kansas Kolera Kure

will cure ailing hogs. Write for free booklet. McCurdy Bldg., Hutchinson, Kans.

VETERINARY COURSE AT HOME.

\$1200 year and upwards can be made taking our Veterinary Course at home during sparetime; taught in simplest English; Diploma granted; positions obtained successful students; cost in reach of all; satisfaction guaranteed; particulars free. ONTARIO VETERINARY CORRESPONDENCE SCHOOL, Dept. 17, London, Canada.



Hatch Chikens by Steam with the EXCELSIOR INCUBATOR OR WOODEN HEN. Simple, perfect, self-regulating. Hatch every fertile egg. Lowest priced first-class hatchers made. GEO. H. STALL, Quincy, Ill.

STUDY LAW AT HOME

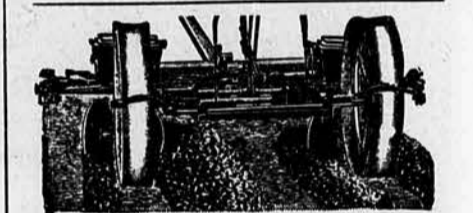
ONLY \$2 PER MONTH. Absolutely no extra charge. Our course is thorough. Prepares student for the Bar. All necessary books furnished free. Now is the time to make a start! WESTERN COLLEGE OF LAW, 413 Scarrott Bldg., Kansas City, Mo.

BEE SUPPLIES

We can furnish you bee and all kinds of bee-keepers' supplies cheaper than you can get elsewhere, and save you freight. Send for our catalogue with discount sheet for early orders.

TOPEKA SUPPLY HOUSE

7th and Quincy, Topeka, Kans.



THE KEMPER DISC FURROW OPENER

Will increase the yield of corn, cane or cotton 25 per cent. Guaranteed to pay for itself in one day. Works on any planter. Write for circular and prices. Walker Mfg. Co., Council Bluffs, Iowa.

Nerve Sick

If weak, worn-out, nervous, cannot sleep; have indigestion, headache, neuralgia or periodic pains, it is because your nerves are weak. It is the lack of nerve force that makes the stomach, heart, lungs, etc., work imperfectly—become sick. Dr. Miles' Nervine cures the sick when it restores nerve strength, and puts the power behind the organs to do their work.

"Almost three years I suffered from nervousness, indigestion, and palpitation of the heart. I could not eat or sleep with comfort, or walk or talk without suffering. Altogether I was in a bad condition. My doctor did not seem to do me any good. I had tried so many remedies that I did not have much hope of any of them doing me any good. Dr. Miles' Nervine was suggested by a friend. I got relief from the first, and after a few days I felt like a new person. It not only relieved my heart and nerves, but has invigorated my whole system. I am very grateful because since I have stopped using it, I have had absolutely no return of my old trouble."

MRS. HOWARD FORD, 60 Summit Ave., Worcester, Mass. Dr. Miles' Nervine is sold by your druggist, who will guarantee that the first bottle will benefit. If it fails, he will refund your money. Miles Medical Co., Elkhart, Ind



catalogued, for \$1,028.50, making an average of \$30 lacking a few cents. The prices received were satisfactory to Mr. Davis as usual, and those who did the buying were able to pick up snags at prices that it is hoped will not prevail again this winter. Below are the names of purchasers who paid \$25 and up:

1. Frank Vetsiska, Pawnee City, Neb.	\$35.00
2. J. C. Vanier, Deboise, Neb.	38.00
3. C. G. Newland, Baileyville, Kans.	100.00
6. A. H. Palton, Deboise, Neb.	30.00
10. Wm. Hale, Troy, Kans.	30.00
12. D. E. Hale, Troy, Kans.	25.00
13. D. E. Hale, Troy, Kans.	30.00
14. C. G. Newland, Troy, Kans.	28.00
15. A. M. Austion, Troy, Kans.	26.00
21. J. C. Mellenbruch, Fairview, Kans.	30.00
24. Geo. W. Schwab, Clay Center, Neb.	27.50
26. Geo. W. Schwab, Liberty, Neb.	33.00
27. Wm. Suter, Liberty, Neb.	39.00
28. W. D. Sharp, Lancaster, Kans.	32.50
29. G. H. Pelton, Deboise, Neb.	25.00
30. J. C. Vanier, Deboise, Neb.	38.00
32. Geo. Caldwell, Summerfield, Kans.	50.00
34. J. C. Mellenbruch, Fairview, Kans.	26.00
35. A. H. Palton, Deboise, Neb.	45.00
Ex. 39. J. C. Venier, Deboise, Neb.	35.00

**Chapin's Sale at Manhattan.**

Grant Chapin's sale of bred sows in Manhattan, at the Agricultural College, January 28, was well attended by well known breeders from all over Kansas, a few very representative breeders from Nebraska, and a few were represented from Missouri. W. E. Morton, from whom Mr. Chapin bought King of Cols 2nd journeyed all the way from Camden, Ohio, to be present at Mr. Chapin's sale, and was very enthusias-

Kans.	72.50
42—F. C. Cooker, Pilley, Neb.	52.50
43—D. W. Grady, Troy, Kans.	65.00
44—I. Richards, Manhattan, Kans.	37.50
46—C. Williams, Manhattan, Kans.	40.00
47—J. W. Jones, Concordia, Kans.	60.00
48—W. E. James, York, Neb.	40.00
49—H. R. Gingrich, Wellsville, Kans.	77.50
50—S. E. Morton, Camden, O.	225.00
51—G. Fisher, Danville, Kans.	130.00

**Geo. Kerr's Sale at Sabetha.**

Mr. Geo. Kerr's sale of Duroc-Jersey bred sows that was advertised in THE KANSAS FARMER was pulled off according to schedule on January 22 at his farm, about five miles south of Sabetha, Kans. The sale was held in very comfortable quarters and while the day was somewhat stormy every one was made comfortable. A nice attendance of farmers were present but did not do much bidding, owing to the fact that the country is full of hogs and the price of corn is high. Many representative breeders were present and some good mail bids. The average was almost \$37, and the top was \$202.50, paid by W. L. Addy, of Parnell, Mo., for No. 57. Below we give some of the purchasers, together with their postoffice addresses:

42. Spring gilt, W. L. Addy & Son, Parnell, Mo.	\$25.00
44. Spring gilt, E. D. Ludwig, Sabetha, Kans.	30.00
45. Spring gilt, same, Sabetha, Kans.	29.00
47. Spring gilt, H. L. Stites, Pilot Grove, Mo.	50.00
48. Spring gilt, Kansas Agricultural College, Manhattan, Kans.	36.00
54. Spring gilt, G. W. Colwell, Summerfield, Kans.	25.00
55. Spring gilt, Alfred Bond, Crab Orchard, Neb.	51.00
56. Spring gilt, G. W. Colwell, Summerfield, Kans.	30.00
57. Spring gilt, W. L. Addy & Son, Parnell, Mo.	102.50

# Women Who Think.

If you are a thinking woman, and you no doubt think you are, the following will make you think.

Just between you and me, is it not a significant fact that Dr. Pierce's Favorite Prescription is the only medicine for woman's peculiar ailments, the makers of which print a full list of its ingredients, attested under oath, on its bottle-wrappers?

Does this not mean something to you if you are a sufferer?

It means that you absolutely know what you are taking when you make use of this world-famed medicine.

It means that you absolutely know that you are not taking "booze" when using Dr. Pierce's Favorite Prescription, but a good, honest, square-deal medicine adapted to woman's delicate organization by an educated, trained and experienced specialist in woman's peculiar weaknesses and ailments.

Are the above facts not of some importance to you?

Many thousands of America's most famous physicians prescribe Dr. Pierce's Favorite Prescription because they know just what its composition is—which cannot be said of any other medicine advertised for the cure of woman's special ailments.

It makes weak women strong and sick women well.

It has done this for many hundreds of thousands. What it has done for others it will no doubt do for you if you but give it a fair trial.

Don't be put off with some inferior substitute with no record of cures to recommend it. You can't afford to accept a secret nostrum in place of this tried and proven medicine of known composition.

THOUGHTFUL, INTELLIGENT WOMEN use Dr. Pierce's Favorite Prescription for many good reasons. It enables them to avoid the disagreeable questionings and abhorrent examinations generally deemed necessary by the family physician. It cures in the privacy of the home. If, however, you want the advice of a skilled specialist in woman's peculiar maladies, write or call upon Dr. R. V. Pierce at the Invalids' Hotel and Surgical Institute, 663 Main St., Buffalo, N. Y.

Dr. Pierce's advice is given gratis. It costs you nothing, but may be worth much to you.

Next to obtaining Dr. Pierce's Personal advice, you will find his great book—The People's Common Sense Medical Adviser, a book of over a thousand pages, copiously illustrated—offers many valuable suggestions to invalid women. It has been lately revised and brought up-to-date. Costs only 31 one-cent stamps for cloth bound, or 21 stamps in paper binding—just to cover cost of mailing only. Address as above.



ALFORD'S OHIO CHIEF No. 64096  
Grand champion at the Kansas State Fair 1907

tic about Mr. Chapin's offering, and topped the sale, paying \$225 for No. 50, which was bred to King of Cols 2nd. The best of arrangements had been made for handling a big crowd, and everything went off in fine shape. The sale was held in the judging pavilion at the College, and T. C. Callahan, of Omaha, assisted by L. R. Brady, did the selling. The average which was \$73.50 on fifty head, was not as high as many expected it would be, but was very satisfactory to Mr. Chapin, and was the top sale of the week. Below is a list of the buyers and the amounts paid:

1—Frank Drybread, Elk City, Kans.	\$80.00
2—Wm. Sutter, Liberty, Neb.	100.00
3—Kant Be Beat Co., Nebraska	200.00
4—L. D. Pagett & Segrist, Beloit, Kans.	50.00
5—W. I. Richards, Manhattan, Kans.	50.00
6—W. I. Richards, Manhattan, Kans.	45.00
7—D. E. Goethe, Leonardsville, Kans.	55.00
8—W. E. James, York, Neb.	52.50
9—Samuelson Bros., Cleburne, Kans.	50.00
10—Thompson Bros., Garrison, Kans.	52.50
11—E. H. Erickson, Olsburg, Kans.	105.00
12—Pearl H. Pagett, Beloit, Kans.	180.00
13—Pearl H. Pagett, Beloit, Kans.	75.00
14—Frank Drybread, Elk City, Kans.	52.50
15—Clayton Smith, Marion, Kans.	77.50
16—D. E. Goethe, Leonardsville, Kans.	65.00
17—Frank Drybread, Elk City, Kans.	47.50
18—M. E. Gideon, St. Marys, Kans.	47.50
19—W. I. Richards, Manhattan, Kans.	42.50
19½—E. M. Hammond, Manhattan, Kans.	35.00
20—Pearl H. Pagett, Beloit, Kans.	60.00
21—Thompson Bros., Garrison, Kans.	42.50
22—M. E. Gideon, St. Marys, Kans.	45.00
22—Wm. Regnier, Belvue, Kans.	36.00
24—D. W. Grady, Alden, Kans.	45.00
25—J. W. Jones, Cherokee, Kans.	162.50
26—W. L. Addy, Parnell, Mo.	125.00
27—L. D. Pagett & Segrist, Beloit, Kans.	72.50
28—Whitehall Farm, Yellow Springs, Ohio	70.00
30—John W. Jones, Cherokee, Kans.	47.50
31—Pearl H. Pagett, Beloit, Kans.	57.50
32—Wm. Sutter, Liberty, Neb.	132.50
33—R. C. Williams, Edwardsville, Kans.	75.00
34—D. E. Goethe, Leonardsville, Kans.	50.00
36—Arthur Vall, Hume, Mo.	92.50
37—Geo. H. Hammond, Manhattan, Kans.	50.00
38—Thompson Bros., Garrison, Kans.	57.50
39—Jesse D. May, Manhattan, Kans.	67.50
40—W. E. Morgan, Mulvane, Kans.	50.00
41—John Hunt, Marysville, Kans.	50.00

58. Fall gilt, E. D. Ludwig, Sabetha, Kans.	30.00
59. Fall gilt, Alfred Bond, Sabetha, Kans.	37.00
62. Fall gilt, F. M. Crowe, Circleville, Kans.	100.00
63. Fall gilt, E. D. Ludwig, Sabetha, Kans.	30.00
64. Fall gilt, same, Sabetha, Kans.	29.00
65. Fall gilt, B. Leavey, Sabetha, Kans.	25.00
68. Spring gilt, O. N. Wilson, Silver Lake, Kans.	55.00
69. Lady Orion, G. W. Colwell, Summerfield, Kans.	85.00
71. Clara C. J. F. Kellar, Sabetha, Kans.	28.00

**Thompson's Poland Sale.**

Thompson Bro.'s big smooth Poland-China bred-sow sale at Marysville, Kans., February 1, was a big success. Thirty-six head sold for \$2,455, an average of \$68.20. It was a snappy sale all the way through, and Colonel Callahan only consumed about two hours in the sale. It was almost exclusively a cash sale, and while the top, which was only \$185, was not large, it was the kind of a sale that pleases everyone. H. C. Dawson & Sons, of Endicott, Neb., topped the sale, paying \$185 for No. 1 in the catalogue. Below is a list of the buyers, with the prices paid and their postoffice addresses:

1—H. C. Dawson & Sons, Endicott, Neb.	\$185.00
2—H. C. Dawson & Sons, Endicott, Neb.	40.00
4—W. F. Fulton, Waterville, Kans.	67.50
5—F. T. McKee, Marysville, Kans.	50.00
6—W. E. Willie, Steele City, Neb.	75.00
7—Ben Bell, Beattie, Kans.	87.50
8—Ben Bell, Beattie, Kans.	97.50
9—Carl Gale, Diller, Neb.	85.00
10—Bakewell, Endicott, Neb.	110.00
11—Ben Bell, Beattie, Kans.	110.00
12—Chas Morrison, Phillipsburg, Kans.	57.50
13—Ben Bell, Beattie, Kans.	97.50
14—Ben Bell, Beattie, Kans.	55.00
Thos. Bothman, Marysville, Kans.	27.50
16—Geo. Webb, Spring Hill, Kans.	67.50
17—C. S. Nevius, Chiles, Kans.	77.50
18—H. C. Dawson, Endicott, Neb.	115.00
20—C. S. Nevius, Chiles, Kans.	62.50
22—W. R. Stump, Blue Rapids, Kans.	57.50
23—Geo. Hull, Burchard, Neb.	70.00
26—A. D. Cochran, Marysville, Kans.	55.00
27—Geo. Webb, Spring Hill, Kans.	60.00
28—A. L. Wechter, Tecumseh, Neb.	37.00
29—W. R. Stump, Blue Rapids, Kans.	26.00
30—A. Cochran, Marysville, Kans.	45.00
31—J. F. Menenhan, Summerfield, Kans.	65.00
32—J. F. Gamber, Culver, Kans.	77.50
33—C. H. Pilcher, Glasco, Kans.	42.00
34—Menenhan, Summerfield, Kans.	52.50
35—John Bakewell, Endicott, Neb.	52.50

## Public Sale—Shorthorn Cattle

I will sell at my farm five miles southwest of Manhattan, Kans.

**FRIDAY, FEBRUARY 21, 1908.**

### 70—Head Pure-bred Non-Registered Shorthorn Cows and Heifers—70

As follows: 30 cows from 3 to 6 years old, 10 2-year-old heifers, 10 yearling heifers, 20 heifer calves, 1907 crop. All reds and in good condition. Those old enough are bred to my ratered Shorthorn bulls, Acona Duke and Lavender Knight, a son of Gallant Knight.

### 10—HEAD OF BULLS—10

7 registered and 3 pure-bred non-registered bulls will be sold, from 12 months to 2 years old, all nice reds and in good condition, one a full brother to an American Royal prize winner, several good enough to head Shorthorn herds.

Terms: A credit of from 1 to 12 months' time on bankable notes, drawing 8 per cent interest, 2 per cent off for cash.

Parties from a distance will be taken out and back and entertained free. Sale in the afternoon.

**ALDEN F. HUSE, Manhattan, Kans. Phone 478-4.**

Col. L. R. Brady, Auctioneer.

## CROUP! CROUP!

### Barnes' Croup-Grease

A Sure Cure For Croup.

Relieves cold, cold on the lungs, and prevents pneumonia and diphtheria. Sold by all druggists. Price 25c and 50c.

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40—A. B. Garrison, Summerfield, Kans. ....	47.50
44—Ben Bell .....	100.00
45—Ben Bell .....	82.50

**Fulkerson's Bred-Sow Sale.**

On Friday of last week F. D. Fulkerson, of Brimson, Mo., held his annual sale of Poland-China bred sows. This was without question the best offering that Mr. Fulkerson has ever offered at public auction, and but for the present unsettled condition of the hog market it would have been the greatest sale in his history.

The sale was well attended, and it was a good snappy auction, and one of the pleasing features of the sale was that practically every animal was settled for with the cash. Colonels Zaun, Garnard, and Wilkerson, conducted the sale. Following is a list of some of the representative sales:

1—C. E. Tennant, New Hampton, Mo. ....	\$40.00
2—John Fulkerson, Brimson, Mo. ....	50.00
4—Chas. Trip, Brimson, Mo. ....	31.00
6—Rug Dent, Brimson, Mo. ....	22.00
7—E. A. Robison, Brimson, Mo. ....	29.00
9—J. W. Dale, Gower, Mo. ....	34.00
10—F. L. Robison, Brimson, Mo. ....	25.00
11—O. E. Bartee, Brimson, Mo. ....	25.00
13—Wm. Marshall, Brimson, Mo. ....	28.00
14—Ira Fulkerson, Brimson, Mo. ....	33.00
15—C. D. Thompson, Brimson, Mo. ....	25.00
16—J. B. Hamilton, Gallatin, Mo. ....	38.00
17—Chas. Towne, Brimson, Mo. ....	30.00
18—E. A. Robison, Brimson, Mo. ....	26.00
19—C. D. Thompson, Brimson, Mo. ....	25.00
21—John Barnett, Brimson, Mo. ....	29.00
25—L. D. Shaw, Brimson, Mo. ....	30.00

**Maupin's Bred-Sow Sale.**

On February 6 R. E. Maupin, of Pattonsburg, Mo., held his annual bred-sow sale.

A large gathering of representative farmers and breeders were present and considering conditions, a fairly good sale was the result, while the prices were not quite so large as had been expected. Mr. Maupin takes the optimistic side of the proposition and feels that every animal that went through the sale ring will be a money-maker for the purchaser, thereby strengthening the faith of the public in the profitability of the hog business.

The sale was conducted by Colonels Sparks, Zaun, Williams, White, and Lee. The average on the sows was \$52.61. Following is a list of some of the sales:

1—Joseph Fanning, Pattonsburg, Mo. ....	\$100.00
2—Grant Maupin, Pattonsburg, Mo. ....	125.00
3—James Plynell, Pattonsburg, Mo. ....	55.00
4—W. M. Moore, Pattonsburg, Mo. ....	50.00
5—Bern and Rogers, Boling Green, Mo. ....	60.00
6—Chas. E. Tennant, New Hampton, Mo. ....	45.00
7—C. E. Tennant, Pattonsburg, Mo. ....	60.00
8—C. E. Tennant, Pattonsburg, Mo. ....	112.50
10—W. C. Daner, Pattonsburg, Mo. ....	75.00
11—G. P. Hartman, Crosby, Mo. ....	55.00
13—Bern and Rogers, Pattonsburg, Mo. ....	50.00
14—Dave Kane, Pattonsburg, Mo. ....	62.50
21—Lloyd Mathis, Farmington, Mo. ....	77.50
22—C. Francisco, Pattonsburg, Mo. ....	50.00
24—C. G. Kane, Pattonsburg, Mo. ....	52.50
29—W. H. Campbell and Son, Grant City, Mo. ....	60.00
32—P. H. Culver, Plattsburg, Mo. ....	60.00
37—W. G. Banner, Pattonsburg, Mo. ....	70.00
43—Darnell and Black, Curryville, Mo. ....	60.00
48—Geo. Kitchen, jr., Gower, Mo. ....	57.50

**Tennant's Poland-China Sale.**

Chas. E. Tennant, of New Hampton, Mo., held his annual sale of Poland-China bred sows at that place on Wednesday of last week.

The offering was in the best of condition and a strictly high class lot of hogs, but unfortunately there were but few breeders present, and the prices realized were in no measure commensurate with the real value of the animals.

There were about thirty head sold to an average of about \$25. The sale was conducted by Colonels Sparks, Zaun, and Wilkerson. Following is a list of some of the sales:

1—M. A. Higgins, Parks, Neb. ....	\$29.00
2—G. P. Hartman, Crosby, Mo. ....	30.00
3—W. F. Chip, New Hampton, Mo. ....	30.00
4—F. D. Fulkerson, Brimson, Mo. ....	37.50
6—R. E. Maupin, Pattonsburg, Mo. ....	50.00
10—Belshaw Bros., Colchester, Ill. ....	34.00
11—C. H. Walker, Kansas City, Mo. ....	51.00
21—W. C. Campbell, Grant City, Mo. ....	26.00
27—J. A. Yates, New Hampton, Mo. ....	28.00
41—G. W. Blessing, New Hampton, Mo. ....	25.00
46—J. H. Rice, New Hampton, Mo. ....	25.00

**Missouri Valley Seed Company.**

A Seed, Horticultural, and Poultry Guide is the title of a very comprehensive catalogue issued by the Missouri Valley Seed Company, of 110 South Fourth Street, St. Joseph, Mo. This company was established in 1870 and is consequently one of the oldest seed houses in the Missouri Valley. They are prepared to furnish tested seeds of all kinds that are Northern grown and true to name. They make a specialty of alfalfa and grass seed without detracting anything from other lines. They also specialize in horticultural supplies and claim to be the only seed house in the entire West that carries a complete line of orchard spray pumps from the small hand size to the power wagon pump. Spraying chemicals are also furnished in any quantity. Another one of the special fea-

tures of their trade is poultry supplies. This includes incubators, brooders, special chick feeds, remedies, leg bands, etc. Manager W. A. Dunken claims that he lives in the center of the United States and, with the advantage of ten great railroad lines entering St. Joseph, he can fill orders promptly and to the satisfaction of his customers living anywhere in the valley. Drop them a postal card and get one of these catalogues.

**Making Money at Home.**

Thousands of men and women are looking for some work that they can do at home and add to the family income. No work is more remunerative when intelligently handled, than the raising of poultry. People will always need to eat. Eggs and chickens are relished by nearly everybody. The demand is constant. The market is always oversupplied. Prices are always remunerative, and often very profitable. The capital required is small. One can start with one of the George Ertel Company's 100-egg Hatching Wonder Incubators. This is a thoroughly practical small machine. The price is only \$7.85 delivered at your railway station if east of the Rocky Mountains. If the brooder is ordered with the incubator, the delivered price of both is only \$11.45.

If one has a little more capital it will mean larger profits to get a 200-egg machine or two. The Ertel catalogue "Incubator Whys" will be found helpful in selecting an outfit. Its hints and helps will save the beginner money and trouble. A copy will be sent free to any reader of THE KANSAS FARMER on request to George Ertel Company, Quincy, Ill. This firm was established in 1867 and is thoroughly conscientious and reliable in its treatment of its customers.

**Reliable Seeds.**

Good seed, seed that will germinate, and seeds true to variety, are what every buyer of seeds wants.

We take pleasure in calling attention to the advertisement of R. H. Shumway, Rockford, Ill., in this issue. Mr. Shumway has been growing and selling seeds perhaps longer than any one else in the business. For forty years he has declined to send out any seed that he was not absolutely certain was all right. This is the secret of his great success. Mr. Shumway in addition to selling good seeds is very liberal, always giving a lot of extra package with every order. We advise our readers to get his 1908 catalogue which is free for the asking if you mention this paper.

**Don't You Need a New Stove or Range This Winter?**

If you do, then let us tell you something of Hoosier stoves and ranges. If you think you don't, write for a catalogue, anyway; you might change your mind. The Hoosier Stove Company makes a very high-grade line of stoves and sells them direct to the user at a saving to you of the profits that usually go to the jobber and retail dealer; therefore, do not pay two prices for these goods, but buy direct from the manufacturer.

In a catalogue or storeroom most all stoves or ranges look alike and it is hard to know which is the best to buy, for some are better than others and Hoosier stoves and ranges better than any. Why? Because they are made in a new and up-to-date factory, newest patterns and methods, by men who have had much experience, and by a company who have the means and the confidence in their goods to guarantee Hoosier stoves and ranges to every buyer. They will send, without any expense to you, a stove or a range for you to try thirty days. If you are not satisfied the stove can be returned and your money will be refunded. Therefore, write to-day to the Hoosier Stove Company, 201 State street, Marion, Indiana, for a catalogue and their special offer—the most liberal ever made by any manufacturer.

**THRIFT TALKS.**

BY A FARMER.

**Power on the Farm.**

A matter of large interest to the farmers of to-day and to-morrow is the question of the use of power on the farm. What revolutionized manufacturing in the United States and made us the first of productive Nations was the use of power and machinery, instead of depending wholly upon hand labor. What will hold the boys on the farm and multiply the wealth of our farms is the use of more machinery and power on the farm. This question is a very live one now when good farm labor is so hard to secure.

A dynamic, which is a Great Western internal combustion engine will do the work of several men and do it at less cost than the price for one man. The best engine is vertical so that it occupies the smallest amount of space for the power it develops. It is two cycle, that is, it gets an impulse at every revolution which gives a steadier motion and increased power. It has a throttling governor which regulates the charge according to the size of the load after the manner of a steam engine. This makes it economical in fuel consumption. There are no idle or lost revolutions. When it takes hold of the load, it never lets go.

It will turn your grind stone, pump your water, saw your wood, chop your fodder, grind your feed, run your washing machine, sewing machine, your churn, your cream separator and rock the cradle. It will run your corn shredder and sheller, thrash your grain, bale your hay, operate your milking machine, fill your silo, and load your manure spreader. "Knowledge is power," therefore get more power. Electricity is life and light. A dynamic engine will furnish light and life for your farm, your home grounds and barn. It will save labor and increase your income, which means more comfort.

In all things the simplest is the best, therefore get a simple Great Western dynamic engine, whose cylinder is all in one piece—no packing to leak or

(Continued on page 209.)

# Contender and Reputation Bred Sow Sale

At Laredo, Mo., February 21, 1908.

## 38 Royally-Bred Poland-Chinas 38

28 Bred Sows 28  
10 Open Gilts and Boars 10

**SIRED BY**

Masticator, Corrector, Keep Sake, Perfection E. L., S. P.'s Perfection, Spellbinder, Regulator, Exception, Keep On Meddler, Meddler, Impudence, and a host of others.

**BRED TO**

Reputation, Contender, and Fancy's Perfect.

**ATTRACTIONS:** Coleen by Masticator and out of Thistletop, bred to Reputation; Mald Of Mastin by Corrector, bred to Meddler 2d; Cassie by Keep Sake out of a Perfection E. L. dam, bred to Contender; Meddler's Beauty by Meddler 2d out of a Corrector 2d dam, bred to Fancy Perfect; Corrector Topsey by Corrector 2d out of a Chief Perfection 2d dam, bred to Fancy's Perfect.

The stuff in this sale will be in the very best of condition and the kind that will go on and make money in any good herd of Poland-Chinas.

Sale will be held in town in comfortable quarters. Catalogues are now ready. Mail bids may be sent to Geo. E. Cole of The Kansas Farmer in my care.

**B. F. ISHMAEL, Laredo, Mo.**

Cols. Sparks and Correll, Auctioneers.

# PUBLIC SALE Cattle and Horses

I will sell at public sale at my farm 4 miles south and one mile west of Abilene, 1 mile north and one-half mile east of Acme, on

**Tuesday, Feb. 25, 1908**

commencing at 10 a. m. sharp, the following property:

### 19 Head of Horses

Pair iron gray mares coming 2 years old, weight 11 to 12 hundred lbs., pair bay mares coming 2 years old, bay yearling colt, black yearling colt, bay colt coming 2 years old, weight about 1,300 lbs., foundations for a fine stallion, black 4 year old mare in foal to the Holland Company's horse, carriage mare well broke for family use in foal to the D. J. Baer stallion, 8 year old Shire brood mare well bred, weight about 1,500 lbs., in foal to Wm. Hanson's horse; this mare is hard to excel for quality and usefulness; gray Norman mare 3 years old, pair Shire geldings coming 3 years old, bay Belgian gelding coming 3 years old, weight about 1,400 lbs., bay Shire gelding coming 4 years old, weight about 1,500 lbs., fine Shire mare coming 3 years old, weight about 1,400 lbs., good farm team, mule about 9 years old.

### 12 Head Pure-Bred Angus Cattle

A few of those handy, hornless, hustling kind that always do you good. Registered cow 4 years old due to calve by day of sale, registered cow 2 years old with second calf at her side (registered), 6 pure bred cows (not registered) but fine breeders, all bred to herd bull and some with calves at side; registered yearling bull, 2 yearling bulls (not registered), herd bull (Rutger Heather Lad 85373) selected from Chas. E. Sutton's famous herd at Lawrence, Kans. Papers furnished with all registered stock. Nine 2 year old Shorthorn heifers in calf, 4 steer calves, 4 yearling calves, family cow.

**TERMS:** All sums under ten dollars cash. Purchases exceeding ten dollars a credit of ten months on approved notes. Free lunch at noon. Buyers from a distance entertained free.

**E. S. ENGLE, Abilene, Kansas.**

J. N. Burton, Auctioneer.



**To You—Reader**

**"When You Hitch On To A Great Western Manure Spreader You Know You've Got The Best Spreader Made."**

Besides making you \$4 to \$8 per year more to the acre—  
 Besides paying for itself faster—  
 Besides being the most complete, thoroughly practical, and by far the most durable manure spreader of any kind on the market—  
 Besides the fact that our Guarantee protects you for years—many years, not months—  
 Besides the fact that investigation will prove these statements to your own satisfaction if you'll write us your name on a postal or the coupon below—  
 Besides all these statements—or any statement you'll read, or have read about any other kind of manure spreader—  
 We repeat what we say above,  
 And every owner of a "Great Western" knows it—and all his neighbors know it—  
**"When You Hitch On To A Great Western Manure Spreader You Know You've Got The Best Spreader Made."**

Write us and we'll show you the proof. Ask any man who's got one. Ask any dealer who knows spreaders. But—write us and investigate so you'll be prepared to judge Spreader Values whether you ever buy a "Great Western" or not.  
 Judge Spreaders from the best down. Know. Don't take anybody's claim but make them all show you,—when you've got the facts about the "Great Western."  
 Our Factories are open—Our Books are Free—Write us. It will pay you.

**Smith Manufacturing Company**

Makers of the "Great Western" Endless Apron Manure Spreader.



**Know You've Got The Best—and Why**  
**Great Western**  
**Endless Apron Manure Spreaders**

The "Great Western" Endless Apron Manure Spreader sells for a little more than any other—yet more of them are made and sold every day than any other. Because—for every dollar extra that the "Great Western" costs—we give you \$5 extra in value.  
 Now a wise man once said that "more than one-half the bad business deals are made, not for lack of good judgment, but because the man could not say 'No.'" More than one-half of the poor implements are bought because the buyer cannot say "No."  
 The time for you to fortify yourself and know when to say "No" is NOW. If a dealer or a "slick," smooth, manufacturer's agent or canvasser comes to you and offers you a manure spreader, listen to his well prepared story carefully.  
 Be prepared to judge of the value of any Manure Spreader Made. Be prepared to answer him.  
 Be prepared to judge for yourself and know why—by simply writing us now—today—on the coupon below, or on a postal, so we can send you our 1906 Free Books which will not only give you full information on the Whole Fertilizing Subject, but also make you a real judge of all Manure Spreader Values by knowing all about the "Great Western."  
 Here are some "Great Western" points that you ought to consider carefully before you buy any spreader. It has: Oak Sills—not pine, elm or maple; Oak Tongue—not pine; Hickory Double-trees and Single-trees—not elm or maple; Mammoth Double Oak Bolster—not a frail, single bolster; Big, Heavy Front axle, set well back under the load—not a light skeleton axle, set away out ahead of machine; big, Heavy Rear Axle; Heaviest and Strongest Wheels found on any spreader; Wind Shields and Rake that make the work of the "Great Western" away in the lead; Endless Apron that is always ready to load. No complicated device needed to put it out of gear at the right moment to prevent serious breakage. It does not throw a bunch at starting and another at the finish, but spreads uniformly from start to finish. Wheels track, making easy draft and just the machine for top-dressing or in corn fields. No worm gears, no bevel gears, no breaking, no trouble—a spreader that everyone swears by, but not at.

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These books include our latest 1906 "Great Western" Catalog and facts on highest authorities about the value of farm manure and fertilizing your soil. Also "Thrift Talks," written by a farmer, which will interest you and give you many valuable suggestions on increasing your crops and saving and making money in many other ways.  
 Get your name on the "Great Western" Free Mailing List so we can send you regularly all latest information about the "Great Western" Line.  
 As we manufacture the highest grade Manure Spreaders, we naturally make our books the most authoritative and, although we send them free, they are full of the most valuable information on practical experience with barnyard manures and the fertilizing subject.  
 We are glad to send you all of our books free because we are satisfied that when you investigate the "Great Western" you will make up your mind to buy no other spreader.

Write us today—Use the free coupon here or write on a postal and we will send you all books free if you ask for "Great Western" Catalog No. 22A 10

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Please send me FREE—post-paid—all facts about "Great Western" Spreaders, Free Catalog and Fertilizing Book, No. 22A 10 and Thrift Talks—By a Farmer—Free.

**TEAR OUT—FILL IN—AND MAIL NOW**

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**Agriculture**

**Insects Injurious to Alfalfa—Defensive Measures.**

PROF. T. J. HEADLEE, BEFORE THE SHAWNEE ALFALFA CLUB.

At the Agricultural College we are interested in alfalfa. The department of botany is striving to introduce the practise of selecting good, clean, well-bred seed and is trying by selection and breeding to produce a strain of alfalfa better fitted to resist semi-arid and arid conditions. I need say nothing about Professor TenEyck's efforts to encourage its cultivation. The department of entomology has been giving close attention during the past two years to the problems of protecting alfalfa from burrowing animals, particularly the gopher, and we believe that we now have a remedy which, in the hands of any intelligent and industrious farmer, will not only exterminate the gopher on his farm but will keep it away. We do not claim that he can exterminate the pest without effort, but we do claim that with reasonable care and attention, he will find our way just as efficient as any other, and certainly the quickest and easiest method of destroying them. We have also been giving considerable attention to the work of the prairie ant, which in Western Kansas builds mounds ranging from the proverbial mole hill to two feet in height, surrounded by circular areas varying from a few feet to ten or twelve feet in diameter and perfectly bare of all vegetation. Many of these hills in an alfalfa field take up a considerable part of the land, and the pugnacity of the ants, backed as it is by the ability to inflict painful stings, renders harvesting the crops a delicate and difficult matter. The experiments on this subject are now drawing to a close and we hope in the near future to recommend some efficient methods of destroying them.

With this preliminary notice we will turn our attention to some of the insects of alfalfa. In Kansas, even in the western part, it is not the notorious Rocky Mountain locust (*Melanoplus spretus* Thos.) but the home-grown species that do the most seri-

ous damage. Of the native species the differential locust (*Melanoplus differentialis* Thos.) commonly called the "big yellow fellow," and the two striped locust (*Melanoplus bivittatus* Sand.) are most abundant in the order named. Careful study revealed the fact that the damage done to alfalfa came mainly from the individuals that had been born and reared right in the alfalfa fields. The "hoppers" begin to deposit eggs about September 10 and continue until cold weather. The female digs a hole in the ground with her tail, extending it as far down as her abdomen will reach, then deposits about one hundred eggs neatly arranged and glued into one mass. She then packs the earth in over them. Thus they remain throughout the winter and with the coming of warm spring weather hatch out and come to the surface where they feed on the alfalfa all summer long. They reach full size the latter part of summer, then pair and lay eggs that are to winter over as described before.

During the egg state is the best time to attack the grasshopper, because you can then use a method which will not only destroy a large portion of these eggs but will actually increase the subsequent cuttings and destroy the shallow-rooted native grasses. I refer to disking. When disks are set to cut down three or four inches, the egg pockets will largely be broken up and turned out so that, being subjected to natural enemies and inclemencies of the weather, they are mostly destroyed. Of course disking will not kill those eggs deposited along the roadsides and fence rows. For the destruction of locusts hatching from these the hopperdozer should be employed. Essentially, the "dozer" consists of a shallow, high-backed pan containing water covered with a film of coal oil. The pan should be mounted on runners sufficiently high that its bottom will scrape the tops of the crop to be protected. It should be used as soon as the hoppers are noticed in abundance, and during the warmer part of the day when they are most active. Of course there are other methods of destroying "hoppers," such as poisoning, crushing with a roller, burning, or driving, but these require a combination of special conditions to render them practicable.

The web-worms (*Loxostege* sp.)

have proven very serious enemies to alfalfa in this State. They have been reported as injurious during the months of June, July, and August. The eggs are laid on the food plants and the tiny "worms," on hatching, begin feeding as they grow, constructing webs beneath which they feed and fatten. Usually the first intimation that the farmer has of any trouble is the discovery that his alfalfa plants are covered with webs and severely eaten. The first brood ordinarily becomes noticeable in June, gets its growth, and goes into the ground to pupate. The moths emerge in early July and lay eggs for the destructive July brood. There are probably three broods of the "worms" in Kansas, the last passing the winter in silk-lined cocoons in the soil.

This insect would also be reduced by the early spring disking recommended for grasshoppers. An attempt to poison the insect would be practicable. When once they have appeared in the field, if they should be working in limited patches, they should be poisoned by spraying the plants with arsenate of lead at the rate of three to six pounds to fifty gallons of water. The spray must be applied with sufficient force to break the web and poison the places where the "worms" are feeding. If they appear generally distributed through the fields in sufficient numbers to destroy the crop, then it should be cut and the worms destroyed before they go into the soil. The grower will thereby reduce danger of further trouble from the "worms" and get another crop more quickly.

Correspondence clearly indicates that occasionally the army worm (*Leucania unipuncta* Haworth) becomes a menace to alfalfa-growing by stripping the leaves from the stems. Except for the fact that it passes the winter in the soil as a half-grown caterpillar, its life history is almost identical with that of the fall army worm (*Laphygma frugiperda* Hw.) and the remedial measures applying to that insect are quite as efficient for this one.

The fall army worm usually becomes noticeable during September. In Nebraska it has been so destructive to alfalfa as to get the name of "alfalfa worm." The worms make no web but simply crawl up the stalk and devour the leaves. During last September it appeared in several parts of this State

**BEFORE YOU BUY A MANURE SPREADER**

SEE that its frame and sills are made of oak; that it has a ball and socket joint on front axle to prevent racking and twisting and steel braces and steel truss rods to guard against warping and sagging. See that the apron does not run backward and forward on hilly ground but insist on a positive and continuous apron drive.



"A boy can run it!"  
 See that it is practically automatic and so simple that any boy who can drive a team can run it as well as any man and control its every operation without leaving the seat. The

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Revised and Enlarged Edition—22 App.—library size—copyrighted 1906—over 40 illustrations. "Modern Silage Methods" is reliable—used as a standard Text Book by many State Agricultural Colleges. Contents by chapters follow:  
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 A vast amount of knowledge in plain, practical language. Nothing ever published so complete—answers every question you can think of on Silos and Silage. Mailed for 50 Cents, Coin or Stamps. Please mention this paper.

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Best quality Garden, Flower and Farm Seeds, Alfalfa, Clover, Grass Seeds, Seed Potatoes. We send free with catalog a pkt of "New Globe" Tomato, Largest yielder, finest flavored of all.

**GERMAN NURSERIES & SEED HOUSE**, Prop. Ask for us to-day. Also have full line of Nursery Stock, Roses, Plants and Bulbs.

**GERMAN NURSERIES, BEATRICE, Nebraska.**  
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**STRAWBERRY PLANTS**

The best varieties. Write for catalog.

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Rhubarb and Asparagus roots.

**40 VARIETIES** of Berry Fruits that it pays to plant. My 20th annual Catalogue tells the truth about them. **B. F. SMITH, Box 7, Lawrence, Kans.**

**FIFTY MILLIONS OF** Hardy Evergreens \$4.00 and up per 1,000. 50 wonderful bargain lots for 1908, quality the highest, prices the lowest of all, \$1.00 to \$10.00 per 100 prepaid. Pedigreed trees, not wild, but **NURSERY GROWN AND GUARANTEED.** Also full line Fruit, Forest, Shade, Ornamental Trees and Shrubs. Get my Free Catalog and Bargain Sheet. Don't buy till you've seen it. A beautiful Red Cedar Tree free with every order.

**D. Hill, Evergreen Specialist, Box 54, Dundee, Ill.**

**FREE TWO PACKETS FLOWER SEED**

With every order of our dependable Garden Seeds, also our 1908 Catalog Absolutely Free. We are determined to increase our customers and for this reason we make this generous offer. Use our seeds this year, and we are confident you will be our customer in the future. Write for catalog today. The old reliable seed house.

**T. LEE ADAMS, Kansas City, Mo.**

**Reid's Yellow Dent**  
(MARTIN'S TYPE)

Winner of 1st prize at Precinct, County, State Fair and State Corn Show; also gold medal winner at St. Louis and Portland, and winner of 1st prize at the National Corn Show at Chicago, 1907, in class E, Nebraska, and 2d prize and sweepstakes at the Kansas Corn Show, 1908. Write for prices.

**Ed Flaharty, R. 2, Seneca, Kans**


**SEED CORN**

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in sufficient numbers to receive notice in the press. We gave some close attention to the subject at Emporia and Topeka. In both places the worms damaged the alfalfa in spots. At Emporia the spots were scattered through the fields, nearly all at some distance from the edges. This means that, instead of the worms coming in from the surrounding grasses, they were born and bred in the fields. By September 14 most of the worms had entered the soil to a depth of one-half to one and three-quarter inches, where they changed to light brown pupae, and by September 28 the majority had emerged from the ground as moths. It is thought this insect passes the winter in the soil as a pupa and produces three broods of worms during the summer. It is the second brood that becomes noticeable on alfalfa during September. When the fall army worms appear in a field they should receive the treatment advised for web-worms.

Still other worms known as the cut-worms, of which the variegated cut-worm (*Peridroma saucia* Heubn) is most common, occasionally become serious pests on alfalfa. Our correspondence indicates that the latter damages alfalfa during the latter part of spring, principally in May, but it might very well appear throughout the summer. It is a wide feeder, working on field, garden, greenhouse plants, and weeds, as well as on foliage and fruits of trees. It passes the winter in the soil as a larva, emerging from winter quarters in late spring; the second generation of worms appears in July and August, and a partial third generation in the fall.

Doubtless the early spring disking recommended for grasshoppers would destroy many of the over-wintering larvae. In case the larvae appear in limited numbers during the spring and summer, it would be quite possible to kill them with a poisoned bran mash, or by spraying the food plant with arsenate of lead (three to six pounds to fifty gallons of water). The bran mash may be prepared by mixing forty pounds of wheat bran with one pound of some arsenite (white arsenic or Paris green) and pouring over the poisoned bran two quarts of cheap molasses which have been mixed with about one gallon of warm water, the whole mass to be thoroughly stirred, then enough water added to make a stiff mash. Scatter heaping table-spoonfuls of this about the infested patch. Of course the alfalfa sprayed with poison could not be safely used for hay, and the only purpose in making the treatment would be to prevent the worms from spreading to other parts of the field.

Occasionally blister beetles, particularly one species (*Epicauta lemniscata*), become sufficiently abundant to strip large patches of alfalfa. Such injuries have been reported at the station mainly during the month of July. The blister beetles have a complicated life history, during one stage of which the young grubs feed exclusively on grasshopper eggs. It is therefore to be expected that any method which will destroy the grasshoppers will also reduce the numbers of blister beetles. Of course, when the attack is on, the beetles may be destroyed by a strong poisonous spray.

Leaf hoppers of several species do a considerable amount of damage to young alfalfa. These insects, which are usually spoken of by the farmers as gray or green flies, thrust their beaks into leaves and tender shoots of the plants and suck the juice. When they are abundant, the leaves turn yellow and the plants make practically no growth. Perhaps the most efficient method of destroying these tiny foes is by means of a hopper-dozer of special type. As these insects are small and can not jump very high, the dozer should run on the ground with the front edge turned up just enough to avoid scooping up soil. It should be coated inside with coal tar, because this substance will neither slop nor spill, yet is quite sufficient to hold and kill leaf-hoppers.

The clover-hay worm (*Pyralis costalis* Fab.), unlike the insects mentioned thus far, is very fond of and devotes its entire attention to the cured

hay. The caterpillars usually appear toward the bottom of the stack in early spring, the hay which they infest having a moldy appearance due to the numerous fine silken threads they spin as they crawl about through it. It is badly chewed and rendered unfit for stock. This insect may be held in check by never stacking clover hay for two successive seasons in the same place, cleaning out the mow each spring so that no old hay will be left over in the barn until the new comes, and never putting new clover hay on top of old, either in stack or in mow. The worms in infested hay can, if sufficient care and trouble be taken, be killed in stack or mow by fumigation, but here as elsewhere preventative measures are most satisfactory.

There is yet another troublesome alfalfa pest, known as the clover-seed chalcis fly (*Bruchophagus funebris* How.), which devotes its entire attention to the seed. This insect was first known as injurious to red clover, but of recent years appears to have found alfalfa much to its liking. At the college almost 50 per cent of the seed from one of the seed-breeding experiments were destroyed by this insect. The female inserts her eggs in the growing seed and the tiny grub consumes the growing tissue. The insect comes at a time when its work makes no noticeable difference in the external appearance of the clover head. The life history of the clover-seed chalcis fly is so incompletely worked out that no reliable measures can be suggested to prevent its damage.

When we call to mind that the grasshopper passes the winter in the soil in the egg stage, the web-worm, army-worm, and cutworm remain in the soil as larvae, the fall army-worm as a pupa, that the blister beetles are dependent on a goodly supply of grasshopper eggs for food during one necessary stage, it is plain that, with the exception of the clover-seed chalcis fly, clover-hay worm, and leaf-hopper, all are subject to the effects of disking.

Thoroughly stirring the soil with a disk harrow just after the frost is out of the ground and before the plants begin to grow, or better still in the late fall just before the ground freezes if such a proceeding would not injure the alfalfa plants, will go a long way toward controlling the insects likely to trouble the alfalfa and at the same time increase the size of the normal cuttings and destroy the native grasses. When the insects are in the field the grower must resort to remedial measures peculiarly fitted to destroy the enemy in question. In controlling insects damaging alfalfa the proverbial ounce of prevention is worth more than a pound of cure.

**Rules for Measuring Hay in Stack.**

The number of cubic feet allowed for a ton of alfalfa is usually 343, sometimes less, and even so low as 216 feet. Of prairie hay, settled, 422 feet is usually called a ton.

Most of the hay is put in "ricks" or stacks having rectangular base, put up with a stacker and generally to the height of sixteen feet. The usual method of measuring is to find the average length, the width on the ground and the average distance over. The contents are obtained by adding the width and "over," dividing by 4, multiplying the quotient by itself and this product by the length. For small, low ricks, subtract the width from the "over," divide by 2, multiply by the width and length.

There is no established rule for measuring round stacks. The following rule will approximate the contents of a stack of the ordinary form: Find the circumference at or above the base or "bulge" at a height that will average the base from there to the ground, find the vertical height of the measured circumference from the ground and the slant height from the circumference to the top of the stack. Multiply the circumference by itself, divide by 100 and multiply by 8, then multiply the result by the height of the base plus one-third of the slant height of top. The hay in a round stack is necessarily less compact than

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In a rectangular stack, hence a greater number of feet should be allowed for a ton.

**J. H. AUSTIN.**  
Alfalfa hay, when stacked sixty to ninety days: Subtract the width of stack from the "over," divide this by 2, multiply the quotient by the width and the length, then divide this by 422, which is the amount of 7½ feet square (cube). This is also used for measuring cane in stack.

**I. L. DIESEM.**  
Add the width of the overthrow, divide by 4, square the result, multiply by the length and divide by 512. This will give you the number of tons after the stack has settled for thirty days. The advantage of this rule is that the shape of the stack does not matter. By adding the average width to the average overthrow, you practically put the tape around the stack. Taking the fourth of this gives you one side of the square, which multiplied by itself, gives the square feet in the end of the stack. This again multiplied by the length would, of course, give the number of cubic feet in the stack, 512 of which is the general measurement allowed to a ton here, thirty days after putting up; or 420 cubic feet of hay that has been up over six months. As you say, there is a great difference in hay. This rule is, I think, as fair as can be had for buyer and seller for the ordinary prairie hay put up in good condition.

**G. E. GODDARD.**  
The rules for measuring hay in the stack will vary according to the length of time the hay has been stacked and the kind and quality of the hay, and also according to the character of the stack. With alfalfa or prairie hay which has been stacked for thirty days it is usual to compute an eight-foot cube or 512 cubic feet as a ton. When the hay has been stacked five or six months, usually 7½-foot cube or 422 feet is calculated for a ton. In old stacks which have been stacked a year or more a 7-foot cube or 343 cubic feet is allowed for a ton.

There are different methods for measuring stacks, depending upon the shape of the stack and also upon its size. For a long stack or rick the usual method is to throw a line over the stack measuring the distance over the stack from the bottom on one side to the bottom on the other; add to this the average width of the stack, divide this sum by 4 (which equals one side of the square), and multiply the quotient by itself and this product by the length of the stack; this will give you the number of cubic feet in the stack, which may be divided by 512, 422, or 343 in order to find the number of tons. For small, low ricks the rule is to subtract the width from the "over," divide by 2, multiply by the width and multiply the product by the length, dividing the result by the number of cubic feet in a ton.

(For round stacks, see directions by J. H. Austin above.)  
The rules given may also be used in measuring any kind of hay, cane, or Kafir-fodder in the stack. However, for cane or Kafir-fodder only approximate results can be procured by stack measurements, because the fodder is apt to vary very greatly in weight according to the moisture it contains.

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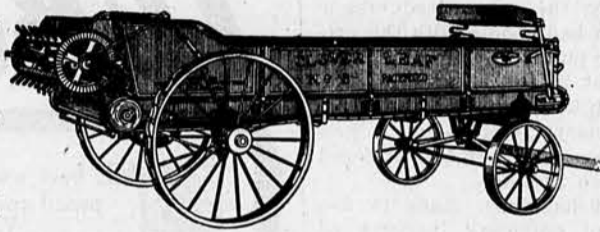
If you do not have to borrow, so much the better. But in any event have a spreader of your own this year. The increase in the first crop through the use of your spreader will more than pay the principal and interest. It will cut down the labor of manure spreading. It will make the work agreeable. There will be no waste of manure. You will have a more fertile soil for future crops.

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**Dairy Interests**

Centralized or Cooperative Creameries?

ADDRESS OF J. M. WILKERSON, PRESIDENT, BEFORE THE NEBRASKA STATE DAIRY ASSOCIATION.

During the year 1907 the question of cooperative and centralized creameries has been greatly agitated. Men who are recognized authority in dairying and creamery work have been driven into the discussion and controversy. The drift of all this would indicate a desire on the part of some to place the centralized creamery system in bad repute with the producer and the public in general. Claims are made that in the States of Nebraska and Kansas where the centralized creamery system seems to prevail, the cream producer has suffered in consequence thereof.

An attempt has been made to use the dairy and creamery industry of Wisconsin and Minnesota as an example, claiming that the farmers of these States, who are largely patrons of local cooperative creameries, have realized a better price for their butter-fat than have the farmers of Nebraska, who are patronizing the centralized creameries.

It is also claimed that the centralized creameries of Nebraska, by reason of a favorable transportation rate on cream shipments, have been able to force the local cooperative creamery out of business.

No doubt this agitation prompted the officials of the Nebraska State Dairy Association in requesting this paper on the advantages and disadvantages of cooperative and centralized creameries. I appreciate the honor and opportunity afforded me in presenting this paper.

NEBRASKA FARMERS PATRONIZING THE CENTRALIZERS.

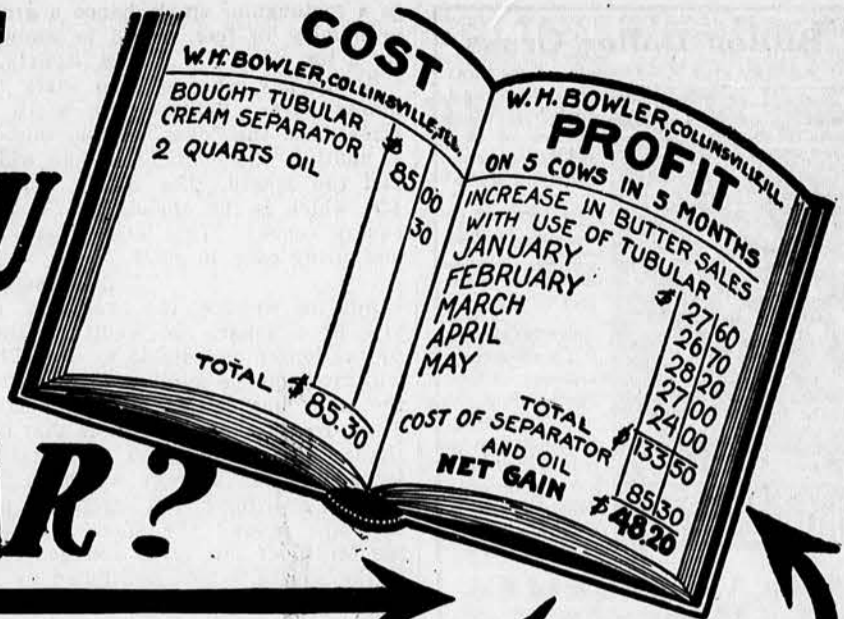
I will endeavor to show the origin of this agitation—what the conditions have been and still are in Nebraska—how they compare with the conditions in Wisconsin and Minnesota—that the farmers in Nebraska who are patronizing the centralizers receive as high if not a higher average price for their cream than is paid the patrons in Minnesota, that we have had both systems in Nebraska, that the local cooperative creameries failed solely on account of a lack of patronage due to the adverse natural conditions and the disinclination of our people toward dairying, that the average breed of cows kept by the farmers of our State is largely a beef strain of cattle instead of cattle specially bred for dairying, that the cream rates in Nebraska were given voluntarily by the railroads for the sole purpose of encouraging the industry which would be as great a direct benefit to the railroads as to any other people or industry, that the whole agitation is unwarranted and uncalled for and if continued is liable to work a hardship and great injury upon the dairy cause of our State thereby directly injuring the producer as well as the man engaged in creamery work.

**THE PROPOSED ADVANCED CREAM RATES.**

About a year ago some dairy agents for the Western railroads began a campaign to advance the cream rates. The proposed advance would amount to forty or fifty per cent over the rates that were then in effect and had been for more than ten years. I regret to say that these dairy agents for the Western railroads were successful in enlisting in their behalf public men who are considered authority on dairy and creamery work, and secured their aid to the extent of appearing before railway commissions asking that the rates on cream be advanced, claiming that the centralized system was a detriment to the people and dairy industry and unless the rates were advanced as proposed, it would mean practically the annihilation of the cooperative creamery system.

It is not my desire to speak disparagingly of those prominent in this move. I am satisfied, however, the average person feels that whenever a question

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If you are milking five average cows, not using a Tubular, you lose \$5 to \$6 a month—leaving butter fat in the milk, which a Tubular would get out. Then the better your cows the larger your loss—up to three or four times as much.

In a few months you would have made enough extra money out of this extra cream which you are now wasting—losing—to pay for a Tubular. Here's actual proof. Read what Mr. W. H. Bowler gained on his 5 cows by using a Tubular.

COLLINSVILLE, ILL.

"From five good Jersey cows while using the water separator we made from twenty-three to twenty-four pounds of butter a week; with one of your Separators from the same cows we made from forty-three to forty-seven pounds a week. I think it would take about \$1000 to buy my Tubular if I couldn't get another."

W. H. BOWLER.



MOUNT AIRY, Md.

I am milking five cows. The increase of revenue, over the water can I was using, will pay the cost of the Tubular inside of one year. I think the Sharples Tubular far superior to any other separator.

EMORY PURDUM.

It is not a question any longer, whether it will pay you to buy a Separator—the fact is, you can't afford to do without one. Now the all important question is, which separator to buy?

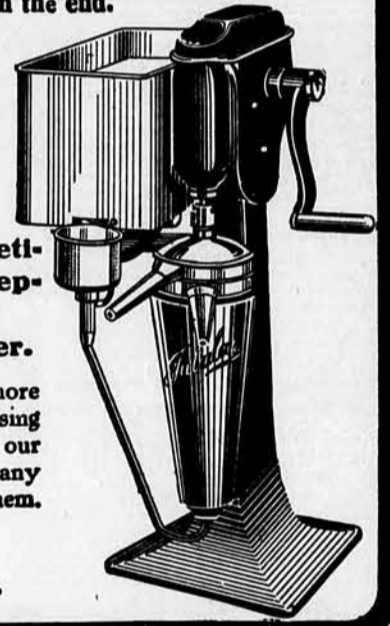
Too many people have made the mistake of buying a low-priced separator only to find that instead of saving money on their purchase—they have wasted it entirely. Don't do this. Get the best at first—a Tubular—it's cheapest in the end.

**Here are the reasons:**  
 It skims closest. Has fewest parts. Easiest to clean. Low supply can save your back. Turns easiest—is frictionless ball bearings. Wins in every competitive test. Made in largest Cream Separator Factory in the world. More sold each year than any other.

Send for our new catalog No. 165 it's full of more good reasons and proofs from those who are using them. It's free—we'll also send a copy of our book "Business Dairying" which will help any one keeping cows to get more profit from them. It's worth a dollar of any farmer's money.

**THE SHARPLES SEPARATOR CO.,**

Chicago, Ill. West Chester, Pa. Toronto, Can.



arises affecting the public and the railroads, the railroads are usually aiming to take care of their own interests, and we very seldom find public officials, either State or National, volunteering assistance in favor of the railroads, against the public, an individual, or an industry.

**BUTTER THE EARLY INDUSTRY.**

I regret that I am unable to secure official dairy and creamery statistics covering the industry in the early days of our State, but from investigation and observation we find the first dairying in Nebraska was in making butter on the farm. Having no facilities and lacking knowledge of the art, our farmers produced a very poor quality of butter. This butter was taken to the stores and exchanged for merchandise, the price averaging from six to twelve cents per pound. Scarcely ever was money paid for butter. Then came the creamery promoters who went into various communities in the State and induced the farmers and business men to subscribe for a sufficient amount of stock to build a local cooperative creamery. I know of no better way of showing whether or not this was a wise move on the part of those who invested their money in these local cooperative creameries, whether or not the State of Nebraska possessed the natural advantages or the volume necessary for the support and maintenance of these creameries, than to quote

Henry Wallace of Des Moines, Iowa, a man who I am sure you will agree has always been a true friend to the dairy and creamery interests of all of our States and a very valuable adviser. This quotation is taken from a speech made by him before the Nebraska Dairymen's Association at Fremont, Neb., in December, 1898. His subject was, "Mistakes of Iowa Dairymen."

"First, we made a mistake ten or fifteen years ago in pushing our creameries West in advance of tame pastures. Profitable dairying requires the longest grass season possible and the greatest variety of grasses. As a result many of these creameries brought into existence before their time, became sickly, weak, unprofitable, and perished, leaving the impression on the mind of the farmer that dairying was an unprofitable business, hence rendering it more difficult to establish creameries when the conditions for profitable dairying appeared.

"Second, we made a mistake in organizing creameries in advance of possible creamery farmers. Few men who are not trained to milk cows when they are young, will learn after they are full grown. They think they do not have to and they will not until driven to it by financial compulsion.

"Third, we made the mistake of paying too much for our creamery plants and were Davis & Rankined; slick fellows these. They were adepts in telling the truth as to the possible and ac-

tual yield of milk from selected cows, but telling it in such a way as to make it an infamous lie, namely, by assuming that these were average, instead of extreme yields; that any good farmer could secure these yields, and that they could be secured with any kind of feed and care. They did not say all this, but they left it to be inferred. They deceived the merchants and usually found a rough steer or two among the farmers to lead the rest into their pen. They induced the management of agricultural papers, by means of large advertising contracts, to put a padlock on the mouth of the editor, as I happen to know from experience as the then editor of the then great agricultural newspaper of the West. Wherever these promoters and their imitators carried on their operations they left a path of creamery desolation; "Sick Sisters," we call these Davis & Rankined creameries in Iowa. We suspect there are sick sisters in Nebraska also. In every business the promoter for his own profit, is a curse."

**"LEARN TO GROW THE SKIM-MILK CALF."**

In his next speech before the same convention, on page 151 of the annual report, Mr. Wallace has the following to say in part:

"Our friend, Professor Haecker of Minnesota, has told us what wonderful things dairying has done for that State. If Governor Hoard were here he would tell us what wonderful things dairy-



ing has done for that State. The problem up there was altogether a different matter from what you have in Nebraska. Why? Because they cannot grow corn to speak of up there. It is little, thin corn. It is not a great corn State but they can grow marvelous fields of grass. They have an atmosphere that is a luxury to breathe, and water to drink that is as clear as crystal, with brook trout dashing down from the mountains. If you cannot make butter there, you cannot make it anywhere on God's earth. Not being able to raise corn, they can turn their attention to butter-making, and get their special cow, and that is the cow for them.

"But gentlemen, you have a more difficult problem here to solve. This is a country of broad acres; of large farms, sections, half sections and quarter sections. It is not the home, as a rule, for the specific dairyman, but the man who gives his strict attention can have what he most needs.

"Let me point out to you one thing you must do, else you will fail. You must learn to grow the skim-milk calf. Let me say to gentlemen who are running creameries, that there is grief in store for you unless you get that milk back to the farmer so that he can grow that calf on separated milk."

NEBRASKA'S PAST AND PRESENT CONDITIONS.

To give you further proof regarding Nebraska's past and present condition, I will quote from a letter under date of August 1, 1907, written by S. C. Bassett, secretary and treasurer of the Nebraska Dairymen's Association, to H. J. Winnett, chairman of the Nebraska State Railway Commission. This letter to Mr. Winnett was in reply to a request made by him for Mr. Bassett's views in regard to the proposed advance in cream rates and if the present centralized creamery system in Nebraska was proving satisfactory to the farmers. I consider Mr. Bassett's opinion on these matters very valuable as he has always been identified with our State association and active in behalf of the dairy and creamery interests.

"In reply to your esteemed favor in regard to an increase in transportation rates on cream in this State, in which you request my views in the matter, the railroads are entitled to a fair compensation for the transportation of cream based on the value of cream as compared with other classes of freight, the fact that it is a perishable product, also the facilities required for handling and transporting same; it also seems that the rate should be based on distance and applicable to all parts of the State so as not to discriminate against the establishment of creameries in any portion of the State where parties might so desire. This would seem to be in the interests of a "square deal" to all parties interested. In determining this rate it seems to me your commission has not right, power, or authority to consider in connection therewith whether the proposed rate will encourage the establishment of local creameries or be prejudicial to the interests of centralized creameries, and that you have the authority only to consider and determine as to what is a reasonable rate for the service to be performed.

"In the discussion of this question through the press many theories have been advanced which are hardly warranted by the facts as regards our dairy industry and possibly a brief statement of the dairy situation in the State at this time might be of benefit in arriving at a better understanding of the matter. While the dairy industry is important and one of our most valuable resources, it is carried on at the present time largely as a side issue on our farms; that is, on very few farms is it the principal source of revenue or looked upon as the most important thing to be considered in the farm management. According to the 1900 United States census returns, on only 2,833 farms out of a total of 121,525 farms, or a trifle over two per cent, was dairy produce the principal source of revenue. In Iowa the per cent of like farms was a lit-

tle more than three, in Minnesota six, and in Wisconsin fifteen. The average Nebraska farm contains 246 acres (census returns 1900), with an average of four milch cows to the farm. Mr. Bassett gives a table of figures showing the average number of acres to the milch cow in Nebraska as compared with other States:

	Av. No. acres per cow.
Nebraska	61
Minnesota	34
Iowa	26
Wisconsin	19

"In Wisconsin and considerable portions of Minnesota and Iowa it is possible to establish local creameries with a sufficient number of dairy cows in a radius that will permit the dairymen or patrons to deliver, at least once a day, and often twice each day, the whole milk at the creamery, there to be separated, thus insuring the very finest quality of creams from which can be made butter commanding the highest market price; while in Nebraska it is hardly possible to find a locality where there is a sufficient number of dairy cows to make a whole milk creamery profitable. Cream being a condensed product as compared with milk, can be delivered to a creamery from a much greater distance than can the whole milk, yet past conditions have demonstrated (and present conditions in that respect are not much changed) that there are few localities in this State where there is sufficient cream within driving distance for teams, to make the operation of such a creamery profitable. It is claimed that an increase in rates will cause the establishment of local creameries. This, it seems, is largely guess work; conditions in a dairy way must very materially change before we can have many local creameries, strictly speaking. In other words, a larger per cent of farmers must engage in dairying and on a more extensive scale than at present, to make such local creamery a success. Nebraska farmers are not likely to engage more extensively in dairying until the average size of our farms is considerably reduced or until the prices for grain and live stock are less remunerative than at present.

"ARE PRESENT CONDITIONS SATISFACTORY?"

"In reply to the question, 'Are present conditions satisfactory?' it can be said that considering the condition of the dairy industry of the State at this time; that our dairies are small and very much scattered; that we have more than 30,000 hand separators which enable the dairymen to produce a very condensed quality of cream which can be shipped long distances to a factory, and dairying is largely a side issue on our farms; considering all these conditions, the dairy industry of the State can best be served by some system of centralized creameries.

"In comparing prices paid for cream in this State and other States, it is well to consider varying conditions as regards time and labor expended by the individual dairyman. In Nebraska the dairyman who uses a hand separator and sells his cream delivered at the cream receiving station, is engaged in dairying at the least possible expense as regards time employed and labor expended; very much less indeed than the dairyman who sells cream and in doing so must haul his whole milk once a day at least, and often twice a day, to the creamery where the cream is separated from the milk and the separated milk again hauled home. The latter makes say one trip a day, hauling 300 pounds of milk (the product of ten cows) and then hauls the separated milk home. The former makes but two trips each week to the cream receiving station and hauls 140 pounds one way each trip, the product of his ten cows. A few moment's consideration and comparison will show that the one who delivers the whole milk expends far more time and labor and is to much more expense than the one who delivers cream.

A STEADY INCREASE IN DAIRY PRODUCTS.

"Considerable stress has been laid on statements that at one time we had about one hundred and forty creameries in the State and at the present



S W E E P I N G  
T H E F I E L D

What The New 1908  
DeLaval Cream Separators  
Are Doing.

Reports are arriving in every mail from Maine to California and Canada to Florida, telling of how the New Improved De Laval Cream Separators are sweeping all would-be competition aside. Cow-owners and separator-users everywhere can not say enough in praise of the new De Laval. Even competitors are admitting its vastly increased superiority and marveling at its many conveniences, perfect skimming qualities, ease of running, great simplicity, durability and beauty of design. The new De Laval is ten years in advance of any other separator made to-day. Nothing like it has ever been produced before and to have done so now is only possible after three years of constant experimenting by the world's best engineers and mechanical experts backed up by our thirty years of experience in the manufacture and sale of nearly a million separators. Improvements have been made in every feature and several brand new styles and capacities introduced. There is a machine for every size dairy from the smallest to the largest and at a price that will fit every pocket, while you may buy for cash or on terms so liberal that the machine will actually pay for itself.

If you own one or more cows you can make no more profitable investment than to purchase a De Laval machine at once. It will save its cost in less than a year and after a week's use you will prize it as the most valuable implement on your farm. Ask for a free demonstration at your own home and send for our handsome new catalogue illustrating and describing the De Laval machines in detail. Your only regret will be that you didn't do so sooner. Write to-day.

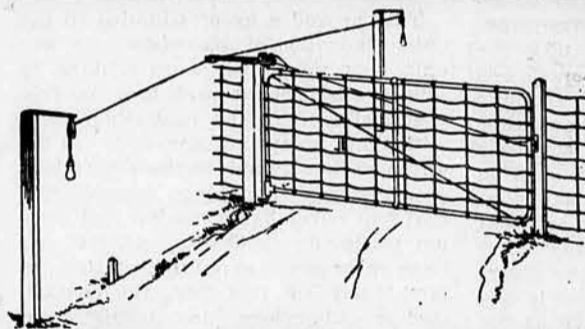
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With the aid of our modern road culvert, made of annealed, corrugated iron, heavily galvanized, roads can be properly and cheaply drained; and consequently, made better. With lumber high in price and getting higher; tile so very unsatisfactory, and stone costing too much for labor in building, the corrugated, galvanized culvert is the best and cheapest to use. It costs no more than tile, stone or wood and is rustless. Guaranteed to stand up under any and all loads. For further information, address

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time twenty-seven, leading many persons to infer that the success of the dairy industry is measured by the number of creameries and therefore there has been a marked shrinkage in our dairy industry occasioned by centralization in the method of manufacture. It is a conservative estimate to say that if at any time there were one hundred and forty creameries in the State not one hundred of the number were all in operation during four months in a year, and of those in operation not eighty per cent were paying investments. Scores of creamery plants were established in the State by a system of promotion, at points where there was no legitimate demand for creameries, where there was not a sufficient number of milch cows to insure their successful operation, and the wrecks and ruins of such plants can be found in scores of business centers scattered over the State—a complete financial loss to all but those who promoted them. While dairying is not as extensively pursued in Nebraska as in many States less favored in fertility of soil and easiness of manner in which it can be tilled and abundant and profitable crops produced, yet there has been and still is a steady growth and increase in dairy products which can probably be best illustrated by comparison for a term of years:

	No. of Milch cows.	Butter made in factories.
1880. . . . .	161,187	65,772
1890. . . . .	505,045	6,076,783
1900. . . . .	512,544	11,726,180
1905. . . . .	669,334	21,646,279

CREAMERY FAILURES NOT DUE TO CENTRALIZERS.

This describes Nebraska's past and present conditions perfectly. The cooperative creameries in Nebraska failed and it was not the fault of the centralizer. In fact their failure was completed before the advent of the centralized creamery system of our State. However, the failure of these cooperative creameries furnished some valuable experience to the centralizers in teaching them that owing to the disinclination of our farmers toward dairying, the general breed of cows being for beef purposes instead of dairying, also owing to the short period of pasture, there would never be a large volume of milk produced in the average communities, especially not a sufficient volume to support a local creamery for the manufacture of butter.

From 1894 to 1897 Nebraska suffered seriously from drouth and financial depression. Many people left the State believing that it was impossible for them to remain here, build up homes and prosper. The railroads, realizing that, unless dairying or some other means was provided whereby our farmers could get some profit from their land and their efforts, more would leave, thereby causing as great a loss to their roads as to any other interest in the State, and they therefore became the prime movers in the inauguration of what is known as the centralization or skimming station plan, voluntarily putting cream rates into effect to foster this industry, and no favoritism whatever was shown.

THE CENTRAL CREAMERIES ERECTED.

Under this plan central creameries were erected at points where the railroad facilities were favorable with lines reaching out through the State, and skimming stations were erected in communities where conditions were most favorable for the production of milk. These stations were inexpensive as compared with the local creamery fully equipped for the manufacture of butter. The object was to furnish a market to the farmers for their butter-fat without the expense of manufacturing the butter in each community, the saving of which would enable the creamerymen to operate on a less volume and to pay the producer a higher price. By bringing the cream from these various stations to one central plant the whole butter making process came under the supervision of an expert butter maker, thereby making it possible to produce a more uniform quality of butter which could be marketed much more advantageously.

In 1900 and 1901 we found some of the conditions that had favored dairy-

ing under this plan, changed. The farmers were raising better crops and realizing higher prices for their grain, hogs and cattle. More of their time was naturally taken up with their regular farm work. They then began to complain, claiming too much of their time was consumed in hauling milk to the skimming station each morning, that the skim-milk when returned to the farm was too sour to feed to their calves successfully, and that the calves were becoming too valuable to be injured in this manner. The profits they had received during the past three or four years from their cows, together with other additional profits from their farms as a result of more favorable crop conditions, made them more independent, and not being in favor of milking cows if they could possibly avoid it, they refused to continue furnishing milk unless these objectionable features were overcome. In fact, a large number did quit. Many skimming stations that heretofore had received a sufficient volume of milk to warrant their maintenance, found their shrinkage in patronage so great that to operate the station longer would mean a loss. This condition became so general that the creamerymen who had invested an enormous amount of money in erecting plants and in labor for developing territory, saw disaster and financial ruin staring them in the face. In order to save the industry from the fate of the cooperative creameries of our State, they decided that the hand cream separator placed in the hands of our farmers would overcome these objections. While this meant the abandonment of the skimming stations and to a greater or less extent a loss on the investment in these plants, it was considered that they had laid the foundation for more successful dairying in Nebraska, had acted as a stepping-stone for something better and had well served their purpose. Therefore, ever ready to meet any reasonable demands of their patrons and the progression of time, they staked their all in the introduction of the hand cream separator system and won.

By this plan the farmer can separate his milk at home, warm and sweet, which furnishes most valuable feed for his calves, and he is required to deliver his cream to the receiving station but three times per week in warm weather and twice per week in cold weather.

A STIMULUS TO THE DAIRY INDUSTRY.

This proved a great stimulus to the dairy industry of Nebraska. It not only kept those that were milking in line, but it brought back into the fold practically all of the back-sliders and with them many new converts. In addition to this it enabled the centralized creamerymen to go into communities that had never had a market and were not producing sufficient product to even maintain a skimming station. In fact to-day, on this plan, the centralized creamerymen are furnishing a market to communities that do not produce to exceed 1,500 pounds of butter-fat in one year.

From the standpoint of general good, a greater benefit is derived in this way than by building up, if possible, a large volume in a few particular places and leaving a great majority of the communities of our State without a market.

HAND SEPARATOR CAUSES A WONDERFUL GROWTH.

This is why the creamery industry in Nebraska shows such a wonderful growth since the advent of the hand cream separator system. The volume is drawn from every community and the centralized creamerymen can treat every community and producer the same. Under this plan a farmer, though the only one in the neighborhood selling cream, has the benefit of the competition of all centralizers within 500 miles and receives as high a price for his cream as if he lived within 50 miles of each of them. The plan must certainly have been satisfactory to our farmers, otherwise we would not continue to enjoy this liberal patronage. It can well be called the system that does the most good for the most people, which certainly

makes it more preferable in our State than a system that would benefit only a few to the injury of many.

From the experience I have had in the past ten years dealing directly with the farmers of Nebraska who are producing milk, I am satisfied they could not be induced to go back to the whole milk system. And to my knowledge the farmers of Nebraska consider that with the saving brought about by delivering the cream but twice to three times per week condensed in volume to one-tenth of the whole milk, together with the value that they derive from having warm, sweet milk to feed on the farm, they are realizing a greater average net profit for their butter-fat than are the farmers of any other State in the Union, and further proof of this is conclusively shown by the following figures:

In 1906 the reports received by the Minnesota State Department of Dairying showed that there were 89,756,260 pounds of creamery butter made and the amount paid to the patrons was \$13,774,442. Allowing that the average overrun was 18 per cent, this would show that the average price paid the farmers per pound butter-fat was .181 cents. I find that the general average price paid by the centralized creamerymen of Nebraska for the year 1906 was .194 cents per pound butter-fat. When you take into consideration that at least 50 per cent of Nebraska's volume of milk is produced from May 15 to August 15, a period when the butter markets are at the lowest point, it makes this a wonderful showing, and I fail to see where it gives an opportunity for anyone who aims to be fair, to criticize the prices that the centralized creamerymen are paying the farmers of Nebraska or to make the claim that the farmers of Minnesota are receiving a better average price for their cream than are the farmers of Nebraska. It may be true that in some particular communities in Minnesota where an extremely large volume of milk is produced and the cooperative creamery in that community is under the proper management, a higher price is paid than these averages show, but if we are trying to arrive at the general results and determine upon what is best for Nebraska in general, we cannot take for a basis of our figures or conclusions some particular community in either State that is especially favored.

Regardless of the unprecedented prosperity that our farmers have enjoyed in other lines, they have not only maintained our volume of production, but have increased it, which is further proof that we are working along dairy lines that are profitable and satisfactory to the producer.

(To be continued.)

The Effects of Allowing Calves to Suckle Milking Cows.

PROF. OSCAR ERF.

A farmer is frequently tempted during the rush of field work to neglect the cow and as a result he turns loose the calf to suckle the cow, with the hopes of milking her later. The calf has a tendency to dry up the cow and this abuse will result in a marked decrease in the flow of milk for that period of lactation, and it frequently effects the yield in all future periods of lactation. A cow may be neglected and abused for a while and then be treated so that her milk yield will be greater than it was for the time she was being abused, but it will not be as great as if she had been well treated all the time.

A Cook Book That Really Helps.

"The Enterprising Housekeeper" is the name of a cook book that contains, besides its 200 tested recipes, hints, helps and valuable information for the household. It gives illustrations, demonstrations, and instructions for using that indispensable kitchen utensil—the Enterprise food chopper. It shows how the housewife can, with very little labor, a few "left overs," and an Enterprise food chopper, produce a meal far outrivalling a laboriously prepared "feast."

There isn't a dry paragraph in the book. Everything is plainly and carefully set forth. If there is a woman reader of this paper who, as yet, hasn't obtained a copy of "The Enterprising Housekeeper" she should send for one at once. A simple request to the Enterprise Manufacturing Co., 234 Dauphin St., Phila., Pa., will bring a copy by return mail. They have agreed to send a copy free to each subscriber of this paper as long as the edition lasts.

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The only fence perpetually taut. The crimp in the wire does it. Can't sag, bulge or loosen from the tie wires. Made of high carbon, crimped, spring steel wire. Never needs repairs.

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Mfrs. of all kinds of Eveners, Ladders, Etc.  
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Double the capacity of other mills. 2-horse mill has 24-ft. Grinding Burrs all grinding at once, and grinds from 25 to 50 bu. per hour. 4-horse mill has 30 feet of Grinding Burrs and grinds from 60 to 80 bu. per hour. Absolutely no Friction or Gearing. Will earn cost in 3 days. The largest ear of corn to these mills are like pop-corn to other mills. We manufacture the most durable and fastest grinding line of mills sold, including our famous Iowa No. 2, for \$12.50.

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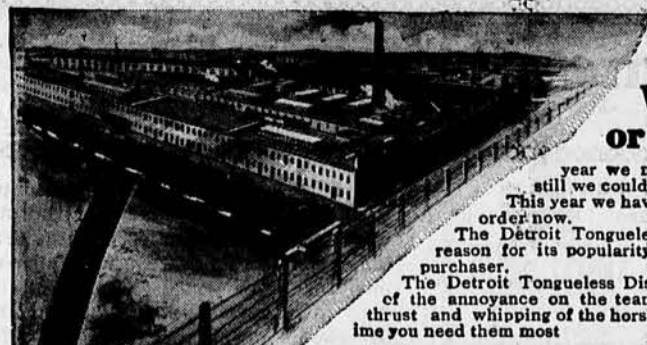
**An Interesting Letter from the North.**

EDITOR KANSAS FARMER: In my investigations of the wheat raising, fruit raising and other advantages of the State of Washington, I have written you two pretty long letters heretofore, but am so full of the subject, and so impressed with the wonderful advantages of this country, that I am willing to take the time to let your readers know what I think of this country, as it may be of some benefit to them. In writing about the advantages of the country, I do not wish you or your readers to understand that this country is perfection. No country on earth is perfection. We will only attain perfection in the future life; that is, for those of us who are fortunate enough to enjoy it, but taking up one side and down the other. I consider this country the most wonderful country for good health, fine climate and astonishing and varied advantages for making money and getting along, and it probably has no rival in the United States or upon the whole earth. Of course, living as I have done off and on for over twenty years in Minnesota or North Dakota, the winter climate of this country makes a very deep impression upon me. It is perfectly astounding how mild it is to be so far north. I am to-day here at Patterson, nearly as far north as Brainerd, Minn., or Fargo, N. D., and yet the ground has not even had a crust of ice upon it or any frost up to the time I write this letter. There have been a few light frosts, and even they have not been heavy enough to entirely stop the growth of a good many kinds of vegetation. I see alfalfa still growing in the fields and stock grazing upon it just as they would in clover pasture in June in Southeastern Minnesota or Central Wisconsin. I notice pansies and other flowers still in bloom in the yards, and the most interesting thing of all is that in this climate I find there is a certain growth of grass which develops during the winter months. With the first rain of the fall, this grass comes up and grows all winter under the sage brush and in the open spaces, making a fine nutritious feed. It almost looks like a moss, it is so green. It grows particularly high and thrifty under the largest sage brush, but when the warm weather comes in April, this grass dries away and is not seen at all during the summer, and is succeeded in its turn by the spring growth of grass.

In this country elevation has everything to do with both the rainfall and the climate. From where I stand here at Patterson, I can see the mountains covered with snow from two to ten feet in depth, and, in fact, all the year around, even in the very warmest weather of summer, we have snow and ice plainly in view on the slopes of the great Cascade range, which lies to the west of us from seventy-five to over one hundred miles distant. The Blue mountains lie south of Patterson at a distance probably of about forty-five miles. They are in Northeastern Oregon, and they also are heavily covered with timber and have very deep snows in the winter, while all the time there is sunshine and actual warmth down here in this warm, sheltered valley of the Columbia river—particularly here on the North bank, where the land comes down in long, gentle slopes from twenty to twenty-five miles from the north to the banks of the giant Columbia River.

Now about the climate: In this country certain kinds of work are carried on all winter long. There are very few days during the winter when the ground is frozen hard enough to stop the plow. Planting fruit trees and farm work of various kinds can go right along unimpeded by freezing or stormy weather, and it is certainly an immense advantage that this can be done, for the winter season of the year is a time when other farm work is not so pressing, giving time to plow the ground in shape for tree planting, to give it the proper slope; get the irrigation laterals plowed out and a general smoothing up. Of course fruit trees really can be planted here most any time during the winter, but the better season would be the last of February and along in March, which is the usual time when most of the fruit trees are planted.

Now, I want to say something about the sage brush here. This whole country is covered with sage brush which, to you people who have never seen it, will seem very strange when you come to this part of the State of Washington. The sage brush really looks like a little stunted oak tree, from twelve inches to five feet in height, and it grows thickly over the whole surface of the country where the land lies out in its original condition before it is placed under irrigation. The sage brush is a very valuable advantage for it gives a covering and protection to the ground and gives just enough shade to encourage a fine growth of grass under it. It is also used a great deal by the settlers for fuel, as it is full of a volatile oil and will burn green, it is so inflammable. I see about a good many of the new settlers' houses, huge piles of this sage brush that they have grubbed and piled for use in the heating and cooking stoves. It burns out rather quickly, but it makes a very hot fire, and it is a pretty nice thing, along in the colder mornings of a winter, to be able to cram a lot of it in the stove and touch a match to it and have it burning fiercely in a couple of minutes. Of course both coal and wood can be bought here in addition to the sage brush, but, as a matter of fact, if the settlers who come here want to practise economy and save coal and wood bills, they can get along almost entirely with sage brush. Of course it will hardly cost anything, as the brush has to be cleared off of the land anyway, so that all the extra labor required is to pile it on the wagon and haul it to the house, for it must be grubbed to get it off the land before it is placed under cultivation. The sage brush is very easy to get out of the ground. The largest trees can be taken out of the ground by bending first one way and then the other and then lifting them out. The roots are extremely brittle, and it is quick work getting rid of the brush when the land is to be



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Year before last we had over 1,600 orders for this Disc that we couldn't fill—had to return the orders. Last year we made twice as many Discs as the previous year—and still we couldn't nearly fill all our orders.

This year we have increased our factory facilities, but we advise you to order now.

The Detroit Tongueless Disc Harrow has had a wonderfully large sale. The reason for its popularity is the fact that it gives absolute satisfaction to every single purchaser.

The Detroit Tongueless Disc Harrow is right. The Forward Truck does away with all of the annoyance on the team of the old "tongue." It does away with all jamming—and thrust and whipping of the horses, that frets them and puts them out of commission, just at the time you need them most.

**Detroit Tongueless Disc Harrow**

See the two wheels back of the Disc Blades in the picture below? Those wheels are a part of the Detroit Tongueless TRANSPORT TRUCK (an important, exclusive feature, made by us only, sold with our Detroit Disc if desired). Upon this truck you can raise the Disc Blades off the ground, making them rest on the front and back Trucks—so that you can drive the Harrow over stony ground, rough and sandy roads, bridges, etc., without dulling the blades or cutting up the surface. A good invention—that Transport—the way it saves Disc Blades that have to be transported from one field to another or from house to field. We allow a full month's approval test on each Detroit Disc. At the end of that time—if you don't want it—return it to us. We'll allow the freight—thus the test won't cost you one penny.

We're anxious to send a Detroit Tongueless Disc Harrow to any responsible farmer—without deposit—and without advance payment—to make the test. You can buy the genuine Detroit Tongueless Disc only from us direct. We advise you of this because we sell only from factory to you—and you can buy a Detroit Disc from us only—because we do not sell dealers.

Drop us a postal card, giving your name and address, and let us send you our new, 1907-08 Disc Catalogue.

NOTE:—Full line of Detroit Tongueless Discs are carried at our branch houses in all leading trade centers, enabling us to make prompt shipment to all points.

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See Team Making Turn—Both Horses Pulling Equally—No Tongue to Bother Them

**American Harrow Co., 1014 Hastings Street, Detroit, Michigan**

cleared for cultivation. After it is cleared and in the process of plowing the ground, the roots are not noticed, even when the land is broken up for the first time.

Now, again reverting to the climate of this country, what I intended to say was that there are very great differences in the climate here in the State of Washington, and Oregon, too, according to the elevation. Along the Columbia River and its tributary valleys at elevations below a thousand feet the climate is almost semi-tropical; not actually so, but it certainly verges upon it. There is little winter to speak of, and while snow here at Patterson might fall, it usually melts as it touches the ground, or, at most, will hardly last over night. By the last of February, or early March, spring is already under way in this favored part of the State. The summer is very, very long, and quite warm and autumn really lingers along into December before the light winter comes, a winter which the people in Minnesota and Dakota would not call any winter at all. It really at this time of the year, on New Year's day, is more like nice October weather in Dakota than it is like winter. But, with elevation, the temperature decreases steadily. For every 300 feet rise in elevation from the Columbia River the temperature drops about one degree, and this process continues until we reach elevations where the snow lies all winter and is very deep.

To raise the very highest class of fruit, it is absolutely essential that it be produced at elevations lower than 1,200 feet above the sea level. What I mean by this, is to raise fruit of a quality and attractiveness superior to that produced anywhere else in any country, either the United States or any other country. It is necessary to get this peculiar and wonderful combination of soil and climate along the Columbia River under 1,200 feet above the sea level. Of course, excellent fruit of the various varieties can be and is raised at elevations of from 1,200 feet to 3,000, but it is simply the ordinary excellent fruit about of the class raised in Michigan or the Ozark region of Missouri, or of York State; but when it comes to raising fruit, particularly apples, pears, peaches, and apricots that have no counterpart anywhere and that bring from two to three times higher prices than fruit raised anywhere else in the United States, it is absolutely essential and necessary to keep below the 1,200 foot level above the sea in the State of Washington. In the State of Oregon this same class of fruit can be raised, however, at levels as high as 1,800 feet above the sea because it is farther south. I find a great deal of confusion over this question even in the State of Washington. There have been such astounding and wonderful, and almost unbelievable profits made in this fruit belt of the Columbia River and its tributary valleys under 1,200 feet elevation, that the promoters of fruit lands on all parts of the Pacific coast are making the same claims, so that a person coming to the State of Washington, would naturally be very much confused, as every fruit section claims that it is the best. But I notice that all the big premiums are invariably taken from this mild-climate country along the Columbia River. They have a very fine fair, attended by many thousands of people, every fall, at Spokane, called the Interstate Fair. I find that the first prize at this fair every year for the last three years has been taken by fruit grown in this warm climatic belt of the State along the Columbia River, and I find that the same thing is the case at the State Fair which is held every year in the city of North Yakima, the center itself of a very fine fruit raising section. To put this matter even more plainly before your readers, I have a statement of the prices realized for fruit during the present fall from the Columbia valley fruit raising country, and from it I learn that the staple, commercial apples that are

raised there like the Spitzenberg, the Jonathan, the Winesap, the Rome Beauty, and two or three other variety of apples, have sold at prices ranging from \$1.75 to \$2.50 per 50-pound box. This is at the rate of from \$5.25 to \$7.50 per barrel, as it takes three boxes of apples to make one barrel of apples. Out of this country apples are never put up in barrels. They are always packed in 50-pound boxes. At these prices, colossal and immense profits were realized this fall by the growers of standard fruits in the Wenatchee, Yakima, the Hood River and other developed fruit raising sections along the Columbia River under 1,200 foot elevation. These profits have made a net sum of money to the owners of from \$500 up to \$1,200, \$2,000 and even up to the astounding profits of \$4,000 for the apples grown during the year 1907 upon one acre of land.

I realize that it is hard for a Missouri River valley farmer to realize these tremendous results, but there is abundant confirmation, I find, of these facts. There was even one fruit raiser who had a half acre of a fancy variety of pears and he sold these pears from this half acre for \$3,500, which is at the rate of \$7,000 per acre; but this, of course, is purely exceptional and I would not want to represent to your readers that they could rely upon any such a profit year in and year out. It would not be stating the case fairly, which I am trying to do. I would not even want to hold to your readers that \$2,000 per acre could be made year in and year out from the raising of fruit in this country, even in the better parts of the country, down in those warm valleys of the Columbia River. I would say, as result of my investigations, that the fruit

(Continued on page 204.)

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**The Cahoon Hand Seed Sower**  
Is a practical machine for any size farm. It increases the farmers profit both ways—in better crops raised, and time and seed saved. Write for new book "Sowing for Results" and 50th anniversary Souvenir. Goodell Co., 69 Main St., Antrim, N.H.

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# Kokomo Woman Gives Fortune

To Help Women Who Suffer.

In the past few years Mrs. Cora B. Miller has spent \$125,000 in giving medical treatment to afflicted women. Some time ago we announced in the columns of this paper that she would send free treatment to every woman who suffered from female diseases or piles.

More than a million women have accepted this generous offer, and as Mrs. Miller is still receiving requests from thousands of women from all parts of the world, who have not yet used the remedy, she has decided to continue the offer for awhile longer, at least.

This is the simple, mild, and harmless preparation that has cured so many women in the privacy of their own homes after doctors and other remedies failed.

It is especially prepared for the speedy and permanent cure of leucorrhoea or whitish discharges, ulceration, displacements or falling of the womb, profuse, scanty or painful periods, uterine or ovarian tumors or growths, also pains in the head, back, and bowels, bearing down feelings, nervousness, creeping feeling up the spine, melancholy, desire to cry, hot flashes, weariness and piles from any cause, or no matter of how long standing.

Every woman sufferer, unable to find relief, who will write Mrs. Miller now, without delay, will receive by return mail free of charge, a 50-cent box of this simple home remedy, also a book with explanatory illustrations showing why women suffer and how they can easily cure themselves at home without the aid of a physician.

Don't suffer another day, but write at once to Mrs. Cora B. Miller, 127 Miller Building, Kokomo, Ind.

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## EVENING PRAYER.

"The day is ended. Ere I sink to sleep  
My heavy spirit seeks repose in  
Thine;  
Father, forgive my trespasses, and  
keep  
This little life of mine.

With loving kindness curtain Thou my  
bed,  
And cool in rest my burning pilgrim  
feet.  
Thy pardon be the pillow for my head,  
So shall my sleep be sweet.

At peace with all the world, dear Lord,  
and Thee,  
No fears my soul's unwavering faith  
can shake,  
All's well whichever side the grave for  
me  
The morning light may break."  
—Selected.

## A HOME SONG.

I turned an ancient poet's book,  
And found upon the page:  
"Stone walls do not a prison make  
Nor iron bars a cage."

Yes, that is true, and something more:  
You'll find 'er you roam,  
That marble floors and gilded halls  
Can never make a home.

But every house where Love abides  
And Friendship is a guest,  
Is surely home, and home, sweet home,  
For there the heart can rest.  
—Henry Van Dyke.

## Consolidation of Schools.

The tendency seems to be towards consolidation, concentration and combination in everything. Experience has proven that the many can be served by the concentrated efforts and combined forces of the few better than they could in earlier and primitive times, when each man looked after his own affairs. This is one evidence of advancement and progress. It is one of the signs of progress, and as the population increases it seems necessary, in order to obtain the best results. The time is not far away when the rural districts will not be dependent upon the city for so much, but will by concerted effort enjoy many advantages that they have been unable to have. The consolidation of rural schools is coming. Although the effort to consolidate them in Shawnee County has failed this time, it will not be abandoned, and at no distant time the movement will be pushed with greater energy than ever.

The consolidation of schools is not an experiment in Kansas, as about twenty-two counties have such schools. The first school of this kind was established in 1898. How much better to have one good school, well equipped and provided with the best teachers, than many inferior ones. A teacher in one of the country schools told me she had thirteen pupils of all ages, and many days there were fewer present. She is receiving forty dollars a month for teaching thirteen children, but that is not the worst feature. She is only a second or third rate teacher, having had only a common school education and her environment has been such that she lacks the culture that should belong to the school teacher. She does not even use good grammar, and the teacher teaches by example as well as by precept. If we would have our children educated—truly educated—we must raise the standard of the teacher. In this case it costs forty dollars a month to teach thirteen children poorly, and this is only one case in many.

The advantages of these consolidated schools can not be better pointed out than was done by E. T. Fairchild, Superintendent of Public Instruction, in his address before the Teachers' Association this winter. He says: "It insures a much larger percentage of enumerated pupils enrolled. Reduces tardiness to a minimum. Reduces irregular attendance. Pupils can be better classified and graded. Pupils can have the advantages of better school rooms—better heated, better ventilated, and better supplied with apparatus. Better teachers can be employed. The plan insures closer supervision of the superintendent. It permits a better grading of the school

and better classification of the pupils. It affords an opportunity for thorough work in special branches, such as drawing, music and nature study, also elementary agriculture. It opens the door to more weeks of schooling, and to schools of higher grade. It offers the opportunity for longer terms. It offers a broader companionship and the culture that comes from association. It quickens public interest in the schools. By this plan the farm again, as of old, becomes the ideal place in which to bring up the children, giving them the advantages of centers of population and to spend their evenings at home. All the children have the same chances for higher educational advantages, which under the present plan only a small per cent are able to get, and that by leaving home and going to the city. By consolidation we are taking a long step forward in developing the problem, 'How to keep the boys on the farm.' It will serve to keep in school youth advancing beyond the discipline and instruction of the smaller school. Eliminate truancy and insure punctuality. Awaken healthy rivalry through the inspiration of numbers. It makes compliance with our compulsory attendance law more feasible and justifiable. It insures better grading. It decreases the aggregate cost, or gives greater efficiency at the same cost. Good teachers may more easily be retained than in the small and ungraded school. Keeps the larger boys in schools a longer time. The larger school means better libraries, and hence good literature. The people get better acquainted. More is saved in incidental expenses. Closer relationship, more varied intercourse and friendly class rivalry tend to stimulate interest."

## Quotations from Lincoln.

"That this Nation, under God, shall have a new birth of freedom and that government of the people, by the people, for the people, shall not perish from the earth."

"With malice towards none, with charity for all, with firmness in the right, as God gives us to see the right."

This he said about strong drink: "Do not put an enemy in your mouth to steal away your brains."

"Temporizing will do no longer; now is the time for decision—for firm, persistent, resolute decision."

"You must not expect me to give up this government without playing my last card."

"You stand on middle ground and hold the ship level and steady."

"This Union shall never be abandoned, unless the possibility of its existence shall cease to exist without the necessity of throwing passengers and cargo overboard."

"Broken eggs can never be mended, and the longer the breaking proceeds the more will be broken."

"The ballot is stronger than bullets."

"Perhaps a man's character was like a tree and his reputation like its shadow. The shadow is what we think of it; the tree is the real thing."

"And having thus chosen our course, without guile and with pure purpose, let us renew our trust in God and go forward without fear and with many hearts."

"I have not suffered by the South. I have suffered with the South."

"A rat in the larder is easier to catch than a rat that has the run of the cellar."

## "Life's Heritage."

The poem entitled "Life's Heritage" is a metrical version of an article by Williston Fish and published in Harper's Weekly. It was put into verse by Louise Walbridge, of Russell. Through some mistake her name was omitted from the reproduction in last week's KANSAS FARMER.

When writing The Kansas Farmer please give full name and address.

## Words of Praise

For the several ingredients of which Dr. Pierce's medicines are composed, as given by leaders in all the several schools of medicine, should have far more weight than any amount of non-professional testimonials. Dr. Pierce's Favorite Prescription has THE BADGE OF HONESTY on every bottle-wrapper, in a full list of all its ingredients printed in plain English.

If you are an invalid woman and suffer from frequent headache, backache, gnawing distress in stomach, periodical pains, disagreeable, catarrhal, pelvic drain, dragging down distress in lower abdomen or pelvis, perhaps dark spots or specks dancing before the eyes, faint spells and kindred symptoms caused by female weakness, or the derangement of the feminine organs, you can not do better than take Dr. Pierce's Favorite Prescription.

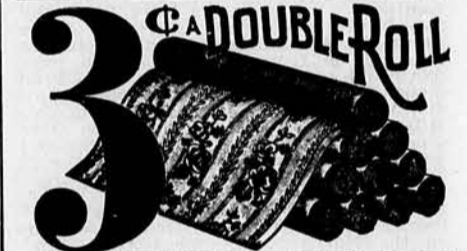
The hospital, surgeon's knife and operating table may be avoided by the timely use of "Favorite Prescription" in such cases. Thereby the obnoxious examinations and local treatments of the family physician can be avoided and a thorough course of successful treatment carried out in the privacy of the home. "Favorite Prescription" is composed of the very best native medicinal roots known to medical science for the cure of woman's peculiar ailments, contains no alcohol and no harmful or habit-forming drugs.

Do not expect too much from "Favorite Prescription"; it will not perform miracles; it will not dissolve or cure tumors. No medicine will. It will do as much to establish vigorous health in most weaknesses and ailments peculiarly incident to women as any medicine can. It must be given a fair chance by perseverance in its use for a reasonable length of time.

You can't afford to accept a secret nostrum as a substitute for this remedy of known composition.

Sick women are invited to consult Dr. Pierce, by letter, free. All correspondence is guarded as sacredly secret and womanly confidences are protected by professional privacy. Address Dr. R. V. Pierce, Buffalo, N. Y.

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**The Young Folks**

**LINCOLN.**

Bulwark and barbican, grim and tall,  
Keep and turret and moated wall  
Portico, peristyle, stately hall,  
Palaces, castles, courts, and all;  
Lofty minaret, lordly dome,  
Humble yourselves at the childhood  
home  
Of Lincoln.

Made of a few sticks, clumsily cut;  
No window to open, no door to shut;  
So wretched, indeed, that the name of  
hut  
Were gilded praise of its poverty; but—  
By the kernel alone we must judge the  
nut.  
Who could have dreamed in that early  
hour  
That out of such muck would have  
sprung the flower—  
A Lincoln!

Reactionaries! who strive, to-day,  
To hold that men are of different clay;  
Oligarchs! plutocrats! ye who say  
The fathers were wrong, and yea or  
nay  
May answer a People's Rights, to-day,  
That some are to rule and some obey,  
One plain word shall command your  
shame;  
Into your faces I fling the name  
Of Lincoln.

Whence did he come? From the rear-  
most rank  
Of the humblest file. Was it some mad  
prank  
Of God that the mountains were bare  
and blank  
And the strong tree grew on the low-  
liest bank?  
Not so! 'Tis the Law. The seed blows  
wide  
And the flower may bloom as the gar-  
den's pride,  
Or spring from the ditch. Nor time,  
nor place,  
Conditions nor caste, nor clime nor race  
Can limit manhood. The proof is the  
case  
Of Lincoln.

How was he trained—this untaught  
sage,  
With nothing but want for his heritage?  
Set to work at the tender age  
Which should have been conning a  
primer page—  
His whole youth spent for a pitiful  
wage  
As axman, farmer, boatman, clerk;  
Learned alone in the school of work  
Was Lincoln.

What was his power? Not kingly caste,  
Nor jingle of gold howsoever amassed;  
Not Napoleon's force with the world  
agast,  
Not Tallyrant's cunning, now loose,  
now fast;  
Not weak persuasion or fierce duress,  
But strong with the Virtue of Homeli-  
ness  
Was Lincoln.

Homely in feature. An old style room,  
With its tall, quaint clock and its old,  
quaint loom  
Has very much of his home-made air.  
Plain, but a plainness made to wear.  
Homely in character. Void of pretense;  
Homely in homeliest common sense.  
Homely in honesty. Homespun stuff  
For every weather, mild or rough.  
Homely in humor, which bubbled up  
Like a forest spring in its earthen cup.  
Homely in justice. He knew the law,  
But often more than the letter he saw;  
And, sheathing the sword to its harm-  
less hilt,  
Wrote "Pardon" over the blot of guilt.  
Homely in patience. His door stood  
wide,  
And carping and cavil from every side  
Dined in his ears, but he went his way  
And did the strongest that in him lay.  
Homely in modesty. Never a claim  
Of credit he made, and he shirked no  
blame;  
Yet firm in his place as the hemisphere  
When principle said to him, "Stand  
thou here!"  
Homely in tenderness. Motherhood's  
breast,  
Where the new babe cuddles its head to  
rest,  
Is not more gentle than was his heart;  
Yet brave as a Bayard in every part  
Was Lincoln.

O, Uncommon Commoner! may your  
name  
Forever lead like a living flame!  
Unschool'd Scholar! how did you learn  
The wisdom a lifetime cannot earn?  
Unsanct'd Martyr! higher than saint!  
You were a MAN with man's constraint.  
In the world, of the world, was your  
lot;  
With it and for it the fight you fought,  
And never till Time is itself forgot  
And the heart of man is a pulseless  
clot,  
Shall the blood flow when we think the  
thought  
Of Lincoln.  
—Edmund Vance Cooke.

**Kind but Strong.**

Though Lincoln was a man with a kind and tender heart, he possessed a keen insight into character and was not easily fooled. Here are two examples gleaned from an old "Success" which illustrates his ability to see through people. Of all things he despised a coward and a sham as is shown in the following:

"Abraham Lincoln's kindness of heart frequently caused him to be imposed upon, but in most cases he submitted to imposition with a silent knowledge of the fact. He could be as firm as a rock, however, when he thought that justice should be vindic-

ated, and he often handled doubtful cases with the crafty wariness of a criminal lawyer. Moreover, he rarely failed to flame into righteous anger whenever insult was offered to his person or his office. A gambler, who assumed for the occasion the role of a minister of the gospel, was civilly received by the keen-eyed President, when he called upon him; but, attempting to practise the fraud a second time, he met with a reception little to his liking. He went into the President's room," writes Stoddard, "and he came out; and, when he came through the door, there was a strange vision of a large foot just behind him, suggesting to a naval contractor the idea of a propeller. The gambler did not, for the twinkling of an eye, succeed in deceiving Mr. Lincoln as to his real character. He was received from the first as a rogue, a wolf in sheep's clothing, but his criminal audacity went beyond the limits of patient endurance—and so he was also sent beyond the limits." The eagle eye and the keen brain of the great commoner were very capable in picking men out of the multitudes."

"A caller at the White House, during Mr. Lincoln's early days in office, was an army officer who had been dismissed from the service. The President listened patiently to the elaborate defense he had prepared, and said that, even upon his own statement of the case, there was no warrant for executive interference. The man withdrew only to seek, a few days later, a second interview, but without accomplishing his purpose. A third time he boldly forced himself into the presence of the President, who again listened to a statement of the case, and, at its conclusion, again declared he could do nothing for him.

"Well," said the officer, as he turned to depart, "I see you are fully determined not to do me justice."

"The President at these words, arose from his desk, and, seizing his caller by the collar, marched him to the door, saying, as he ejected him into the passage: 'Sir, I give you fair warning never to show yourself in this room again. I can bear censure, but not insult.' The man, in a whining tone, begged for his papers, which he had dropped. 'Begone, sir,' said the President, 'your papers will be sent to you. I never wish to see your face again.'"


**Lincoln's Love Affairs.**

The death of another woman who jilted Abraham Lincoln should shortly bring to an end this large class of interesting personages. With his centenary in sight, we are already proof against that formerly great tribe of Kentuckians who had fished him out of streams as a boy with the boughs of sycamore trees and otherwise saved his life for a Nation which later sorely needed it.

It is somewhat difficult in the case of a man who has gone to other scenes to dispose effectually of the claims of women who pretentiously allege that he at one time or another proposed to them. Delicacy might prevent the boast if it were founded on fact, especially when future events have tended to make their judgment seem seriously at fault. Upon the word of "Mrs. Mary Sullivan, of Quincy, Ill.," who has just died a matron of 83 at the home of a daughter in Sioux City, we make no aspersions of any kind. It is enough to remark that she must have been a very young girl when the proposal came to her, for she appears by the dispatches to have been some sixteen years younger than the man whose addresses she repulsed. Moreover, we have tolerably full and accurate knowledge of every hour of Lincoln's life from scores of industrious biographers who have sought high and low for gossip and tattle, especially about the love affairs of this great American.

"According to Niolay and Hay, Herndon, Lamont, and other investigators, including Ida Tarbell, the interviewer of all the old women and town loafers in Illinois who had ever seen Lincoln carry a market basket or heard him tell an anecdote, only three women received proposals from him. He was an erratic and not overbold suitor, and no biographer is able to create very pretty romance out of his love affairs.

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Much is sometimes made of his early attachment for Anne Rutledge, the daughter of the Kentucky keeper of a log tavern, at which he boarded in New Salem, a dwindling Illinois town of which for three years he was the postmaster. She died in 1835, and many think that this loss went to darken all his future life. For a time at any rate he was plunged into deep moods of abstraction, and he used to say in reflecting upon this period of his life that he feared to trust himself even with a penknife. A friend guarded him against himself, and he was reserved for other misadventures of the heart. He was heard to remark after he became President that he loved the very name of Rutledge.

Lincoln's next "affair" involved another Kentucky girl, Mary S. Owens, who was visiting her sister in Illinois. A faineant in all his loves, he seems to have desired marriage without being at all certain of the wisdom of his course. He plainly wrote his "Friend Mary" that, although he would abide by his decision to marry her if she wished, it was his honest opinion that she had "better not do it." It is not very surprising, therefore, that this romance of 1837 came to an unfortunate end, Miss Owens renouncing her lover, it was said, because of his poverty and personal awkwardness, but as likely as not because of his singularly undiplomatic way of conducting the negotiations. Certainly Lincoln was not sorely hurt by this experience, as he soon wrote to a friend that he was glad to be well out of his "scrape," since the lady was "over size," indeed, a fair match for Flagstaff, "and an old maid" who had formed a conspiracy to capture him.

In Springfield Lincoln met Mary Todd, another daughter of a Kentuckian, visiting in Illinois, and he paid her suit, though his heart often again grew faint. Herndon has asserted that the wedding was set for New Year's day of 1841, but the groom-to-be disappointed the bridal party. He was plunged in despondency for months, and it was not until November, 1842, that the marriage could be brought about. How happy or unhappy this union was most men know. Mrs. Lincoln loved power and display. She had been brought up amid refinements to which her husband's life had made him a stranger, and the result tended to confirm that disposition to fatalism

which he expressed so often in the lines from Hamlet,

"There's a divinity that shapes our ends,  
Rough hew them how we will."

The whole sad threnody of this heart was heard in the verse which he was wont to repeat in his moody hours—in his favorite

"Oh, why should the spirit of mortal be proud?"

Like a swift-fleeting meteor, a fast-flying cloud?  
A flash of the lightning, a break of the wave,  
He passes from life to his rest in the grave."

Again it broke out in

"Tell me, ye winged winds  
That round my pathway roar,  
Do ye not know some spot  
Where mortals weep no more?"

And in these lines from Holmes' "Last Leaf:"

"The mossy marbles rest  
On the lips that he has prest  
In their bloom,  
And the names he loves to hear  
Have been carved for many a year  
On the tomb."

In the light of all this, which is a matter of record, it is satisfactory to know that the woman who has just died in Sioux City did not have it in her power to make Abraham Lincoln's life more sad and uncomfortable than it really was. These results were achieved by other persons and by larger events than the alleged filting in Quincy.—Philadelphia Public Ledger.

**The Little Ones**

**BAKING-DAY.**

Mistress Marjorie loves to play  
She is the cook on baking-day.  
Up goes the sleeves from the dimpled arm;  
On goes the tier to keep from harm  
Dress of lace and embroidery—  
"Sometimes you spill things!" says Marjorie.

Sweet and sticky from top to toe.  
Watch her tripping it to and fro.  
Raisins and currants and eggs and spice,  
Citron and sugar and all that's nice,  
Butter and essences—"Dear me!  
Cooks can't be stingy!" says Marjorie.

Into the oven she pops a pie,  
"Won't they just love a piece by and by!  
Cookies and cakes and the puddings too!  
Marked with 'I' and a 'love' and a 'U';  
Brown and bonny they soon will be.  
Cooking is lovely!" says Marjorie.

Mother goes by with a pat and a smile  
(Watching the oven all the while);  
Father comes tip-toeing out to look  
At the dear little maid who is playing  
cook;

Laughing at her as she laughs in glee.  
"The cook is lovely, at least!" says he.  
—Anna Burnham Bryant.

**Margaret's Valentine.**

"Mama, mama," called Margaret, as she came in from school. "Yes, girlie," answered mama from the next room. "To-morrow is Valentine's day and we are going to have a valentine box and I ain't got none and it won't be any fun at all."

"If you say 'ain't got none,' you mean you have some, Margaret, and then there is no such word as ain't. What you want to say is 'I have no valentines,' but I have looked out for that, and when papa comes home from town to-night he will bring some."

"Oh, nice, good mama," exclaimed Margaret, "you always think of everything. Now I can give Jane Adams one and she will not feel bad like she did last time." Mama wanted to know all about little Jane and Margaret was ready to tell her.

"You see, she lives in that little old house on that farm of Mr. Petric's and she wears old clothes and wornout shoes and is so still and looks so solemn like and she does not play with us. Some of the girls say they won't play with her and last Valentine day she didn't get a single one, only when the teacher saw she didn't, she took one of hers and called her name as though it came out of the box."

"That was kind of the teacher," said mama, "and I am glad you have thought of Jane. She is a poor, unfortunate child for her papa is not a kind, good man but takes the money he should use to make his family comfortable and buys drinks that make him crazy and cruel. She can not help being poorly clothed and I hope you will be very kind to her, and make her life a little happier."

"There is papa," and Margaret ran out to the barn where her father was



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putting away the team and soon came running back with the valentines. "This one I shall give to Mary for I love her the best, and this one is for Jane. It is the prettiest one. She ought to have the prettiest because no one loves her like I love Mary." It was a happy little girl that went to school next day taking her valentines and when the day was over another little girl, Jane, went home happier than she had ever been, for Margaret had told others about what she was going to do and Mary and some others had put a valentine in the box for her, and after school had gathered around her to admire her valentines and to say some kind things to her. R. H. C.

**Club Department**

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  - Women's Literary Club (1902).....Osborne, Osborne Co.
  - Women's Club (1902).....Logan, Phillips Co.
  - Domestic Science Club (1888).....Osage, Osage Co.
  - Ladies' Social Society No. 1, (1888).....Minneapolis, Ottawa Co.
  - Chaliso Club (1902).....Highland Park, Shawnee Co.
  - Cultus Club (1902).....Phillipsburg, Phillips Co.
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  - Star Valley Women's Club (1902).....Iola, Allen Co.
  - West Side Forestry Club (1903).....Topeka, Shawnee Co., Route 8.
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- (All communications for the Club Department should be directed to the Club Department, Kansas Farmer, Topeka, Kans.)

**An Enthusiastic Report.**

The Pleasant Hour Club of Wakarusa Township, wishes its sister clubs to know that it still keeps up a happy existence and is still shedding its cheering influence amidst a very busy neighborhood, the greater part of whose inhabitants would only know each other as strangers were it not for our little social gatherings every other Wednesday.

Our last meeting was a Kansas Day and our kind hostess, Mrs. J. Levett, invited a number of guests, making quite a lively little company.

Our program consisted of responses on topics of Kansas; The Pilot's Story, by Esther Clark, which was well recited by one of our number, so that the sad scenes of slavery became so real, many could be seen wiping away a silent tear; a very interesting paper on the life of Whittier was read. Sketches of history of those interesting early days called us back from Whittier and his good deeds to the old California trall upon which, or hear, most of us live.

The member that read this paper also told us very interesting things of Quantrell, being a personal friend of Quantrell's foster sister.

The call of Kansas was read and answered by the call from Kansas, which ended our literary program, after which followed our social half hour and dainty refreshments, both being

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enjoyed by all, each feeling they had spent a pleasant and profitable afternoon, glad to be a part of the good State, Kansas.

In behalf of the club we wish to thank THE KANSAS FARMER for its kindness to us in the past and for the good things its pages bring to us each week, and to especially thank the editor of the Home Department, whose name we have chosen with other interesting people for the subjects of future papers during the coming year.  
A MEMBER.

**Another New Club.**  
The ladies of this vicinity have formed a branch of the Mutual Helpers' Club under the name of Silver Prairie. Our object is to promote sociability, fancy work, and to do all the good our hands can find to do. At present we are trying to get up an entertainment to acquire funds to purchase a circulating library. For that purpose we will piece a quilt and a cushion with the name of each member on it and offer these for sale. We meet each alternate Thursday afternoon at the house of each member, in alphabetical order of the names of the members.

The order of business is: Roll call, club repeat motto; sing club hymns; repeat 23d psalm ensemble; business for the day, regular work for the day. Being informed that THE KANSAS FARMER carries a club roll of all the Kansas clubs who register with them, we hereby respectfully request to register our club.

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E. F. Bohannon in 1907 raised 3,960 tons of hay and eight car loads of potatoes; his returns from 498 acres were near \$60,000. How's that for one year?

J. A. Shadbolt paid \$18,500 for forty acres in fruit. Two crops from the farm netted him \$38,400. How would you like such profits?

Smiley Walden sold in one year \$1,200 worth of Winesap apples from three-fourths acre and realized \$10,000 from 40 acres bearing orchard; all from crop of 1907.

The fruit crop of Washington for 1907 brought more than \$10,000,000—and it is in its infancy.

John A. Gellatley sold 9 acres for \$11,000. Fruit raising makes these big profits.

C. W. Sager sold \$32.40 worth of strawberries in October and 16 crates November 4th from fall crop. One-fourth acre in 1907 made him \$325; the Dutchman's one per cent was it not?

### Some Facts Right From The Shoulder

Six years ago a farmer bought 25 acres for \$30 per acre. He has just sold 10 acres for \$7,000. Fruit did it.

Another fruit grower realized \$3,750 from 6 acres of apples, one year's crop. Fair crop.

Carl Schrein sold his alfalfa and timothy crops for \$6,420, an average of \$107 per acre from one year's crop. Going some, was it not?

W. E. Forman a former cow puncher of Wyoming sold one year's crop from three-fourths of an acre of Buerre d'Anjou Pears for \$3,000 NET. A good profit for a cowboy or any one else.

Dr. Langley sold 2,500 boxes of Winesaps and Ben Davis apples from 10 acres for \$5,000. He is a newcomer from the East and likes Washington pretty well, thank you.

H. M. Harlan picked 560 boxes of Winesap apples from 84 trees and sold them for \$1,176 off of seven-eighths of an acre. Did your wheat crop do that well?

C. G. Cooper says: "I have 20 acres in fruit and that patch this season is yielding me \$35,000 in apples." Are you, my reader doing as well?

Once the land in the older settled irrigated fruit raising sections of Washington was worth \$1.00 per acre. It is now selling for \$300 to over \$2,000 per acre. Fruit and irrigation did it.

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You will have green grass and flowers nearly the whole year through.

You will have your orchard, garden, poultry, bees, Jersey cow, hay, grain, alfalfa, all producing practically the year around.

You will have abundance of pure water for irrigation and domestic use from the inexhaustible Columbia.

The first year you can raise a paying crop of Canteloupes, Muskmelons, Watermelons, Tomatoes, Potatoes, and Hubbard Squash; all in big demand for cash.

You can come to Patterson and have your land plowed, irrigated and set to Apple, Pear, Cherry, Apricot, Peach, Almond, Grapes, and English Walnuts the coming spring. You will be able to reap profits such as are not possible anywhere else in America.

You will be able to get your land at prices and terms the most favorable. Write now, today, and get our maps, pamphlets and fullest information, all sent free. Inform yourself of the great opportunities that await you. Address

## MUTUAL REALTY COMPANY

Pioneer Building, Seattle, Washington.



An Interesting Letter from the North.

(Continued from page 199.)

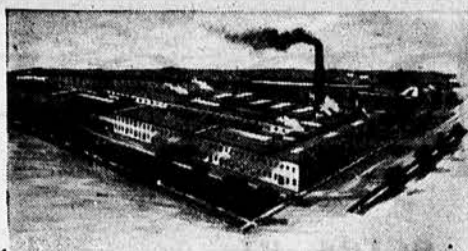
raiser might reasonably expect, if he makes the right selection of land, plants the commercial variety of apples, cherries, peaches, apricots, pears, and the like fruits, and gives them the proper attention, he can expect, year in and year out, to realize a net profit of from \$350 to \$600 per acre. It is, however, merely a statement of something that is actually so, that those foresighted, practical, careful fruit raisers who plant the right commercial varieties, the kind that the market demands and will pay the most money for, and give careful attention to picking and packing, and who throw out all of the small fruit and only put in uniform fruit of the highest excellence, for the last three years, realized from \$600 to over \$2,200 per acre profits from their apple crop, and in the case of certain varieties of fine commercial pears, the profits have been even twice as much as those realized on apples. Peaches come into bearing very quickly, and make an immense growth every year in this warm climate down close to the Columbia, but they do not make as much profits as pears or apples.

Peach profits will range from \$200 to \$600 per acre, according to the variety and the way they are picked and the market demands. Of course there are cases where the price of peaches has been as high as \$800 and even more per acre, but these are exceptional profits and not to be generally expected or counted upon. It seems to me that a person who starts in to raise fruit ought not to have these gigantic profits in view; they ought to make their calculations on these smaller profits, and if they net from \$300 to \$800 value per acre a year, they ought to be satisfied and while they may get the larger profits, they should not count upon them in their calculations.

Of course the prices of land where such profits as these are made, are bound to rise very fast. In the irrigated valleys, which have already been settled and irrigated, land which could have been bought in 1893 for \$40 per acre, and even \$30 per acre, including the water right to irrigate it, are selling at the present time at from \$600 to \$2,000 and \$2,500 per acre; but these are values that have come to the country after it has been thoroughly proven and settled and developed with farms of from five to forty acres in size, where every fruit raiser is struggling and scheming to buy the land of the owner who adjoins him. Now, by this statement of prices, your readers will readily see that even at a valuation of a thousand dollars per acre, the profits on the land in certain years are \$1,000 per acre; and even two, three, and four thousand dollars per acre. Of course this land that is selling even at \$2,000 and \$2,500 per acre will go to five and ten thousand dollars because it will earn interest on that amount of money; and as a country becomes thickly settled and more wealth flows in, will steadily mount, year by year, until they reach quotations larger for farm and fruit lands than have ever been known in history.

The most sudden rise in the valuation of fruit lands has been in the neighborhood of Wenatchee, Washington. In that valley, which is along the Columbia River, in the central part of the State, land that could have been bought with a water right to irrigate it in 1903 for \$160 per acre, has lately sold for \$1,500 an acre, and even \$2,000 per acre, and still higher than that. A Mr. Flatt, Corbaley sold a thousand acres of wheat land in the winter of 1902-'03 for \$950 per acre and he immediately went to Wenatchee and invested in unimproved fruit land at \$225 per acre. It seemed to a good many of his friends that he was making a mistake after closing out his fine wheat land at \$950 per acre and then buy land with that money at \$225 an acre; but Mr. Corbaley has proven that he had the sounder judgment for he sold his land in the fall of 1907 for \$1,500 per acre, making a fortune in this one transaction. The same gentleman, in the year 1906, bought ten acres of unimproved irrigated land adjoining his farm for \$225 per acre. In the fall of 1906 he sold the same land, which was simply under irrigation and cultivation, for \$100 per acre, thus netting \$775 per acre profit, although he probably had to pay some small taxes out of this profit, maybe amounting to \$25, leaving him \$750 per acre net profit for ownership of the land for a little over one year. That same land has probably advanced by this time to from \$1,500 to \$2,000 per acre; but these things have taken place in a densely settled, highly developed fruit raising district. It is true that these same lands only a few years ago were worth probably not over \$1.00 per acre. They were dry, stun-burnt, parched, desert lands, having little or no value whatever, and it took a pretty hearty, farsighted man to see value in them; but it was there and only needed the life-giving touch of water from irrigation to bring out that value.

One of the most interesting things I find at this fruit business is that if a man is in the right soil and right climate, as I said before, he can rely not only upon having a support for his family and making money, but he can have the luxuries. He can, on five acres, send his children to the State University and own his automobile. There is one fruit raising country over on this Columbia River where they have a kind of a club of fruit raisers, who own from five to ten acres each. It is an automobile club; each of these men owning their own automobile on their five or ten acre fruit farms, and not long ago this automobile outfit got their autos in a long row and had themselves photographed as five and ten acre fruit raising automobilists. I am wondering how many of our North Dakota farmers can afford to own a \$3,000 automobile from the profits of even 320 acres of land, let alone from five or ten acres. But, so far as I can see, it is not just a question of profit, but it is also a question of comfort and profit that is involved in this fruit raising business; to own an orchard of thirty trees in a climate like this where the open air most of the year. To see them



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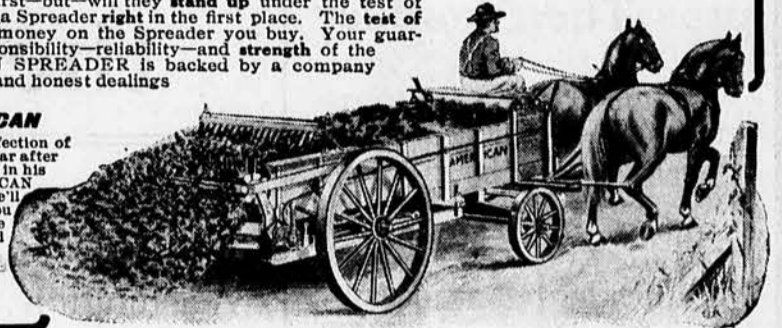
We will send you a genuine American Manure Spreader and allow you a full month's approval test. You can use it on your own farm—in your own way—for a full month. Then if it doesn't prove to be all we claim for it—just ship it right back to us—the test shan't cost you anything. You simply cannot afford to pass an opportunity of this kind—can you? Be sure and get our proposition and our Big, Free Spreader Book before you buy from anyone. This book describes and illustrates our entire line of American Spreaders—9 styles, 5 sizes—and quotes factory prices to you direct. This Book is a valuable guide on the subject of purchasing a Spreader—full of information for the practical farmer.

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A Manure Spreader is a machine that must first be constructed on right principles—and then built thoroughly right to stand severe strain and hard, long wear and usage. The cheaper constructed machines may look good enough and work well enough at first—but will they stand up under the test of endurance? Too great care cannot be taken in selecting a Spreader right in the first place. The test of time is the test that tells whether you have saved or lost money on the Spreader you buy. Your guarantee against disappointment and loss is the known responsibility—reliability—and strength of the factory behind the Spreader you buy. The AMERICAN SPREADER is backed by a company whose name alone has been a guarantee of high quality and honest dealings for over 25 years.

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**American Harrow Co.**  
101 Hastings Street, Detroit, Michigan



grow and bloom with their fragrance; and then to see the young trees form and come to development and ripening period, day by day. It certainly is one of the greatest pleasures that can come to man, and, with this pleasure, to know all the time that a tremendous, colossal profit awaits with the early weeks of fall. That is a true, solid satisfaction it seems to me. Anyway, I notice that these fruit raisers do not seem to have that careworn, anxious look, and I notice that they wear pretty good clothes and can afford to make trips and go to the fairs, and not be obliged to watch their expenditures so almighty close as a prudent farmer must do back in our Mississippi valley.

Now, your readers have probably noticed that I have referred to the fact that irrigation is invariably a necessary thing to raise this high class quality of fruit. In fact, I find it is impossible to raise this fruit even in a mild climate if the climate is damp. The reason is that a damp climate encourages a fungus or moss growth on the skin of the fruit, and that spoils its high color bloom and saleability, even though the fruit itself may be good. Haven't you noticed peaches that you get from Michigan are generally cracked open on one side, and hard? That is caused by fungus growth in the moist climate. Haven't you noticed that the York, the Michigan, or the Ozark apple, while a nice looking fruit, has a kind of mossy, cloudy look on its skin? This is caused by its growing in a moist climate and, of course, it injures the saleability of the fruit. Well, there is nothing of the kind here. The air in this fruit raising country is as dry as a bone throughout the summer and the sun shines practically all the time. The result is that the skin of the fruit is high colored, very smooth and, in fact, has a brilliant, polished appearance, which makes the fruit absolutely perfect in its appearance. I think it is this quality of the fruit growing in a dry, sunny climate that makes it bring such high prices, even more than the quality of the fruit, although I believe that the quality of the cherries, apples, pears and peaches grown along the Columbia River is also probably as good as can be found in any country on earth, except, possibly, in Persia, where the climate is much the same as along the Columbia River, being dry and sunny.

Now, irrigation is successful just in proportion as the climate is warm. Irrigated lands in cold climates will not attain high values. They can not. To have \$1,000 and \$2,000 an acre land, it is absolutely necessary that the climate should be warm; in fact, to put it another way, "Sunshine turns into dollars," the more sun and the more warmth, the more dollars can be coaxed out of the ground by the magic touch of water placed upon the ground by irrigation. This irrigation question is a large subject and it is difficult to handle it in one letter, or two or three letters, and I hesitate to plunge into it; but, speaking of it in short, it means this: That if the climate is warm and the soil is mellow and will not bake, and if the irrigating water is pure and not alkali water, there is practically no limit to the profits that can be made by farming under that system. Talk producing gold mines, or any other of the supposedly quick, easy ways of making money. I believe there is nothing like irrigation that is as certain to make enormous money, and to make it sure and safely that has ever been discovered in the world. A little reflection will show why. In a dry climate there is not any injury from too much rain. There is no rust and blight from moist heat. The air on the plant is dry and the moisture goes to the root of the plant and there is every condition for a perfect production of tree and fruit. Then, under irrigation, the moisture can be put on the crop when the crop needs it, and can be kept away from the crop when it does not need it. In a climate depending upon rain for raising crops there is almost as often damage from too much rain as there is from too little rain. Under irrigation, the crop can be raised to the utmost perfection by putting just the amount of irrigation upon the roots of the crop that they require for their best development, and then there is no danger from rain or moisture injuring the crop of fruit or hay or grain after it is matured. I am impressed very strongly by this condition of facts. The average man is only active and making money from the time he is 18 years old until he is 55 or 60—really only having an average of forty years of active life. Well, now, as there are only forty

years that he can raise altogether, he can not afford to have a short crop, or lose any crops, because his span of useful, active life is so brief. I have often thought that if I, as a farmer, could live and be farming and producing crops for two or three hundred years right along, that I could afford occasionally to have a short crop or a loss of crop, but human life is so extremely short that no farmer can afford to have a short crop or lose a crop. Therefore, as irrigation makes it the largest possible every year, it is just ordinary common judgment to determine to farm exclusively by irrigation. But that is not all of the advantages or irrigation. How often has a farmer seen his crop of clover or timothy dry up before his eyes from a drouth in the East? As a matter of fact, out here there is no such thing as a drouth because whenever the grass crop shows the need of it, the irrigation water is turned on; therefore, a steady growth is kept up right through the entire season. How often have I as a farmer seen my crop of potatoes wilt and dry up under the fierce sun and drouth? How often have I seen my wheat crinkle down before my eyes under the fierce blasts of a burning sicorro south wind, and seen the fruits of my hard labor wiped out before my eyes in twenty-four hours. Well, this cannot happen under irrigation, for as soon as the warm wind started, we would turn the water on to the fields and the heat would stimulate the growth. But more valuable, from the standpoint of comfort, is the ability to have the most luscious fruits and vegetables, and the greenest lawn in the front yard, with the wealth of flowers and plants that is tropical in its luxuriance, and to know that these can be kept growing throughout the long months of spring, summer, and autumn without ever having the chance to get wiped out by the withering drouth.

Then, take this wonderful plant, alfalfa, which is at home in this country. I find that under irrigation they cut a crop of nearly two tons per acre every thirty-five days throughout the summer season. A good many of these farmers brag they get seven to nine tons of hay per acre in a single year, and in addition, turn in their stock and graze this land for the balance of the year, thus using it both for hay and pasture practically the year around. As alfalfa hay has been \$15 to \$20 per ton pretty steady for the last three years, it does not take much figuring to find out the profit in raising that plant here in the warm parts of the State of Washington. Here at Patterson the railroad has just been built, one of the finest and best equipped railroads in the United States, and the town is just being started, it being the center of these Patterson irrigated lands. They have been selling their lands in ten, twenty, and forty acre farms pretty fast for the last four or five weeks, and I have determined to make a purchase from them because this is a new irrigated country and I can get land cheap and on easy terms, and I do not want to pay \$1,000 or \$2,000 per acre for land, nor even \$800 per acre, nor even \$600 an acre. I want to get irrigated land at the start out in a new undeveloped country and get the big raise in values myself, and I figure that as this town and irrigated country is in the very mildest part of the whole State of Washington, that land will go to the highest price of any part of the State, as these lands are settled and developed by irrigation. The people that have these lands are pretty liberal in their terms and I find that it will give me a chance to get my land in fruit and really pay for it out of the crops. I raise on the land, I am figuring on putting out grapes and peaches, for the reason that by the second year I can get an outcome out of them. For the present year of 1908, I shall plant watermelons, cantaloupes, potatoes, and Hubbard squash in order to get an income for this year, while my grapevines and peach trees are growing. I am also considering putting out an early apple, for apples will ripen here at the earliest of any part of the Pacific Northwest, and thus give me a chance to get the early fancy prices in the Portland, Seattle, and Spokane markets. Later on I shall consider putting out winter apples of the standard commercial varieties.

Well, this is a pretty long letter, and I am going to stop right here. I will probably give you another installment of gab in the near future.

Benton County,

HOMERBERKER.



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**YOU CAN HAVE EGGS** the year round if you raise Buff Rocks. My birds took five first prizes out of six entries at the Nebraska State fair, 1907. They also scored 90 points and better by Rhodes. Fifteen eggs for \$1.25. For other information address H. M. Stephens, Munden, Kans.

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**CHOICE BARRED PLYMOUTH ROCKS** a specialty. Also several other varieties. Write your wants. Circulars free. A. H. Duff, Larned, Kans.

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Pure-bred Barred Plymouth Rock cockerels by prize winning birds, \$1.00 to \$1.50 each; all same breeding; farm range. A. C. MERRITT, Hillcrest Fruit and Poultry Farm, North Topeka, Kans. Ind. Phone, 4851.

**White Plymouth Rocks EXCLUSIVELY.**

For 16 years I have bred W. P. Rocks exclusively, and have them as good as can be found anywhere. I sell eggs from first-class, high-scoring stock at live and let-live prices. \$2 per 15, \$5 per 45, and I pay the expressage to any express office in the United States.

THOMAS OWEN, Sta. B., Topeka, Kans.

**LEGHORNS.**

**PURE BRED** Rose Comb Brown Leghorn cockerels for sale. Eggs for hatching. Write for prices. Mrs. John Holzhey, Bendena, Doniphan Co., Kans.

**EGGS FOR HATCHING.**

S. C. Brown Leghorn eggs for hatching from pure-bred, high-scoring birds, at 75c per sitting of 15 eggs. Special prices on incubator lots. A few cockerels left going at \$1 each. L. H. Hastings, Quincy, Kans.

**STANDARD-BRED** S. C. Buff Leghorns founded by stock of prize-winners of Chicago and St. Louis World's Fairs, and have taken first wherever shown. Stock for sale; eggs in season from pens scoring 90 to 95. No. 1 pen, \$2.50 for 15; No. 2, \$1.30 for 15. S. Perkins, 801 E. First St., Newton, Kans.

**FOR SALE**—White Leghorn cockerels, very fine birds. Price \$1 and \$1.50. Eggs in season. Mrs. Lena Osborn, R. 3, Emporia, Kans.

**GALVA POULTRY YARDS**

R. C. W. Leghorn and White Wyandotte stock for sale. Eggs in season. First pen Leghorns headed by first cockerel Madison Square Garden, N. Y. Write your wants. JOHN DITCH, Prop., Galva, Kans.

**BLACK LANGSHANS.**

**BLACK LANGSHANS EXCLUSIVELY**—Cockerels \$1.00 each. Eggs in season. H. C. Cohoe, Buffalo, Kans.

**BLACK LANGSHAN COCKERELS**—\$1.50 and \$2.00. O. S. Allen, 729 Horn St., Topeka, Kans.

**BLACK LANGSHANS**—Extra fine. Cockerels \$1.50, pullets \$1. Mrs. Geo. W. King, Solomon, Kans.

**BLACK LANGSHANS FOR SALE**—Fine farm-raised stock. Also Toulouse geese. Write for prices. G. E. Huxley, Route 2, Maple Hill, Kans.

**PURE-BRED** WHITE LANGSHANS for sale. Hens \$1.25, pullets \$1 each; also few Silver Spangled Hamburg cockerels. Mrs. John Cooke, Greeley, Kans.

**Tenneholm Black Langshans**

of Superior quality. Some cockerels with scores of 88 1/2 to 94 1/2, out from 1/2 to 1 1/2 for weight. Write for prices on birds and eggs.

Mrs. R. M. Myers, Chanute, Kans.

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**IMPORTED** HARTZ MOUNTAIN AND ST. ANDREASBERG CANARIES. For particulars address DEER LAKE PARK, SEVERY, KANSAS.

**The Poultry Yard**

CONDUCTED BY THOMAS OWEN.

**Poultry Notes.**

A very successful poultry show was held at Chanute, Kans., the latter part of January. John Dudley, of Emporia, was the judge, and Jas. W. Gray, secretary. So much enthusiasm was created as to warrant a show of one thousand birds for next year.

Every indication now points to an early opening of the hatching season. The winter has been so mild that the hens have been laying right along and eggs for hatching could now be procured from most poultry-breeders; indeed, we have already advices of several early broods of chicks being in existence. One trouble may result from this open winter and the continuous laying of the hens, and that is that a shortage of eggs for hatching may occur just when they are needed most, when the warmer days of spring approach. Most hens want a rest after they have been laying for some time, and the lay-off this season may happen just when the hatching season is at its height; it therefore behooves all poultry-breeders to be setting their hens or incubators as early as possible, so as to be on the safe side and be certain of the new crop of chicks.

**Incubators Versus Hens.**

The supplanting of hens by incubators for hatching purposes during the past decade has been phenomenal. The principal cause of this change is attributed to the great improvement that has been made in the hatching capacities of the incubator. Some ten or twelve years ago a good incubator was a rarity and poultrymen as a rule did not take very kindly to it. Now it is a bad incubator that is the rarity, and the good incubator the rule. Many people ask us for the name of the best incubator. This is about as hard a question to answer, as the one as to which is the best breed of fowls. The best way to find out which is the best incubator is to write to the different manufacturers and get their catalogue; then study up the makes of the several machines and be guided by your own common sense and the testimonials of those who have used the machines. If some of your neighbors have used an incubator, it would be well to call on them and if they have been successful with a certain machine, that would be the one to choose, unless you would like to experiment with another machine that strikes your fancy.

That incubators are proving a necessity in the poultry business there is now no reason to doubt. Farmers as well as the fancy poultry breeders are being convinced of this fact and are purchasing more and more of them every year.

The main advantage of the incubator is that you can set it at any time of the year you wish, and it is quite an advantage to have early chicks whether wanted for broilers or for fancy fowls. If for broilers, you get a much better price for them if you have them a few weeks earlier than with hens, for by that time they are getting common and the higher prices of a few weeks earlier have dwindled to an insignificant sum. If wanted for show purposes, the early birds are preeminently the ones that are wanted for they as a rule are the prize-winners at the fall and winter shows.

Another advantage of the incubator over hens for incubating is that with the incubator you can keep your hens laying right along, whereas if you put the hens to setting you shut off the egg supply, at least of those hens you set. The most persistent setter can be broken up in a few days and induced to lay again.

While incubators have been improving right along and their percentage of hatching increasing, we are sorry to say that the improvement in brooders has not kept pace with the onward march of the incubators. As far as our

**Easy Money for Farmers' Wives Mrs. Damon Made \$100 in a Short Time**

**Ladies, You Can Do as Well or Better if You Follow Her Advice**



Mrs. Lowell H. Damon, of Clifton, Kas., R. E. No. 2, has found a way to make easy money right at home. She raises chickens, using two Sure Hatch incubators. Her letter is so interesting and contains such good advice to women on farms and in small towns who want to take up this highly profitable work, that we print it in full. Here is her letter:

had my incubators I would not have had many chicks."

One woman writes that raising chickens with the Sure Hatch is "just like finding money."

Another says the Sure Hatch is "The Farmer's Wife's Gold Mine." Hundreds of other enthusiastic letters tell the story of success with the splendid Sure Hatch, and how a shower of dollars is sure to come when this famous machine is used.

Order a Sure Hatch On Trial. One Hatch More Than Pays for the Incubator. We pay the freight. The Sure Hatch not only pays for itself but runs itself. Every Sure Hatch guaranteed for 5 years.

**FREE SURE HATCH POULTRY BOOK**

Cut out, sign and mail the Free Book Blank and get this grand 100-page Illustrated Book Free. It tells you everything about chicken raising, Sure Hatch Incubators and Brood-Brooders. Send no money—just the Book Blank or a postal card. Write NOW and begin making money. Write very plainly.

**SURE HATCH INCUBATOR CO.**  
Box 42, Fremont, Neb., or Dept. 42, Indianapolis, Ind.

"CLIFTON, KAS., Sept. 23, 1907.  
"Dear Friends:—I have used two Sure Hatch incubators this summer, one 100-egg capacity, the other 50-egg capacity. I must say, I have had grand success with the Sure Hatch. I advise all my friends and neighbors to try them. I am sure they will find the Sure Hatch Machines O. K. and the Company perfectly honest in all things, and do exactly as they say. My first hatch from the incubators was a per cent of 82 plus. The second was 83 plus. The third, 74 plus. The fourth hatch has just been completed and was a per cent of 83 plus.  
"I had no trouble keeping the incubators at the right temperature. I am well pleased with their work. All you have to do is to give them a fair chance and they will Sure Hatch.  
"I will make about one hundred dollars (\$100.00) off my chickens this year.  
"I started in last spring with 18 thoroughbred Brahma hens and bought Brahma eggs to set the incubators. So I think I have the nicest flock of young chickens I ever saw. I don't believe an incubator is made that will beat the Sure Hatch. And it beats the old hen, as there are no mites bothering the hens on the nest—besides, you have chicks in large numbers all at once and when you want them. If I had not

observation has gone, we have not noticed very many real good brooders. There may be some good ones on the market that we have not seen, and therefore we would not condemn them untried, but the most of the brooders that we have seen have been

**Sign and Mail**

**FREE BOOK BLANK**

**SURE HATCH INCUBATOR CO.,**  
Box 42, Fremont, Neb., or Dept. 42, Indianapolis, Ind.

Please send Free Book on Making Money with the Sure Hatch.

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Address \_\_\_\_\_

**12 SUPERIOR POINTS**  
**THE X-RAY INCUBATOR** Saves two-thirds to three-fourths Expense in Operating.  
One Filling of Lamp makes Entire Hatch. All Eggs and Thermometer in Plain Sight, Automatic Wick Trimmer. Eggs Turned Without Removing Tray from Machine. Other Superior Working Points Shown in Catalog, which will be Mailed for the Asking.  
Don't Invest in an Incubator until you get Proof of These Claims.  
**The X-Ray Incubator Co., L St., Blair, Neb.**

**It Will Pay YOU** to Send Your Name to **Johnson** INCUBATOR MAN  
Don't pay two prices for an incubator. Get Johnson's direct offer and not only save money, but get the simplest and surest incubator made. The famous  
**"Old Trusty" Incubator**  
has given satisfaction to more beginners in poultry raising than any other incubator ever made. It is built on experience, not theory. No superfluous parts; takes less oil and Johnson guarantees 75 per cent or better hatches. Runs absolutely automatic. Runs itself and pays for itself. Sold on  
**40, 60 or 90 Days Trial** Freight Prepaid Prompt Shipment  
Get Johnson's big book, 176 pages. Every page a poultry sermon. More than 300 pictures. It will pay you to send your name to  
**M. M. JOHNSON, CLAY CENTER, NEBRASKA**

**W** **ARE YOU RAISING POULTRY? SO AM I** Been at it a good many years, too. Started right at the bottom. I've written a book of my experience. I know it will give you some pointers, whether you are a beginner or an old hand at the business. I'll send it free. Write for it. The  
**WALLACE INCUBATOR**  
is well made—tight and right. Hatch has every hatchable egg. Will last a lifetime. Copper tank. Self-regulator. Three walls. Large, roomy nursery. So simple it can't get out of order. Guaranteed fully. Will give you a whole season to try it. Brooder just as well made as the incubator. Sold on the same plan. No trouble to raise chicks in it. Two compartments. Thoroughly ventilated. Send for free catalogue to  
**E. M. Wallace, Manager Wallace Incubator Co., Box 36 St. Joseph, Mo.**

**We Can Quote You Lower Prices Than You Ever Got on a High-Grade Incubator**  
Write for our Free Incubator Book and see. Better still, try a Favorite Incubator and see for yourself. Under our Sixty Day Free Trial,  
**FAVORITE Incubators and Brooders** have to make good on every claim  
under our Money-Back Guaranty, or they don't cost you a cent. We give you the opportunity of making a thorough, practical test at your own home, and Pay the Freight Both Ways. Get the book at once, pick your machine, and let us send it to you.  
**LEAHY MANUFACTURING CO., 12 Talmage St., Higginsville, Mo.**



**CORNISH INDIANS.**

**CORNISH INDIANS**—A few cockerels cheap Eggs. Write L. C. Horst, Newton, Kans.

**RHODE ISLAND REDS.**

**S. C. RHODE ISLAND REDS, EXCLUSIVELY**—All firsts at State Fair. Eggs—prize pen, \$2; flock, \$6 per 100. Belle Tyler, Haven, Kans.

**ROSE AND SINGLE COMB RHODE ISLAND REDS**—I won 1st, 2d, 3d, 4th and 5th on cockerels, 1st hen, 1st pen and 4th pullet; also color special on cockerel at Kansas State Poultry show at Topeka, January, 1908. Stock \$1 and up. Eggs, \$1, \$2, and \$5 per 15. A. A. Miller, Route 4, Eagle Hill Ranch, Platte City, Mo.

**A FEW CHOICE R. C. Rhode Island Red cockerels, \$1.00.** Mrs. J. C. Bally, Spring Hill, Kans

**ROSE COMB R. I. RED** (cockerels at bargain prices. Fine birds. G. D. Willems, Route 3, Inman, Kans.

**PURE-BRED R. C. Rhode Island Red cockerels at reasonable prices.** A. L. Scott, R. 1, Larned, Kans.

**WYANDOTTES.**

**GOLDEN WYANDOTTES**—Prize winners. For eggs write Geo. W. Shetty, 1620 Poyntz, Manhattan, Kans.

**WHITE WYANDOTTES, S. C. W. Leghorns, W. H. turkeys, hens, cockerels and pullets from high-scoring stock at reasonable prices.** Write A. F. Hutley, Route 2, Maple Hill, Kans.

**PARTRIDGE WYANDOTTES** exclusively. Few cockerels and pullets for sale; eggs in season. Jno. Anderson, Manhattan, Kans.

**FOR SALE**—Full blood Rose Comb Buff Wyandotte cockerels; eggs in season \$2 for 15. John Stone, Medicine Lodge, Kans.

**SILVER LACED WYANDOTTES** from my prize-winners at reasonable prices. Cockerels scored by Atherton. J. H. Becker, Route 7, Newton, Kans.

**FOR SALE**—Golden Wyandotte cockerels; also a few M. B. turkeys. Cockerels \$1 and \$1.50. Eggs in season. A. B. Grant, R. 9, Emporia, Kans.

**BROWN'S WHITE WYANDOTTES**—Ahead of everything; stock for sale; eggs in season. I have the English Fox Terrier dogs. Write me for prices and particulars. J. H. Brown, Clay Center, Kans.

**WHITE WYANDOTTE EGGS**

From winners at Kansas State, Nebraska State, Missouri State, and St. Joseph big Interstate Shows. Males score to 96, females to 96½. Eggs \$1.50 to \$10 per sitting. Catalogue free.

**BRIDGEMAN & YORK,**  
Box 102. Forest City, Mo.

**BLACK SPANISH.**

**FOR SALE**—Whitefaced Black Spanish. Hens \$2 each. Cockerels \$2 each. pullets \$1.50 each. Chas Hobbie, Tipton, Kans.

**BUFF ORPINGTONS.**

**ORPINGTONS**—Brooders eggs and baby chicks at catalogue free. Satisfaction guaranteed. W. H. Maxwell, 1906 McVicar Ave., Topeka, Kans.

**LARGE BUFF ORPINGTONS**—Eggs for sale, \$1.25 for 15. Mrs. Frank Henning, Route 1, Garnett, Kans.

**ORPINGTONS**—1,000 to sell to make room. Catalogue free. W. H. Maxwell, 1906 McVicar Avenue, Topeka Kans.

**CHOICE Buff Orpington and B. P. Rock** cockerels. Collie pups and bred bitches. Send for circular. W. B. Williams Stella, Neb.

**BRAHMAN.**

**Light Brahma Chickens**

Choice pure-bred cockerels for sale. Write or call on Chas. Foster & Son, Eldorado, Kans. Route 4

**TURKEYS.**

**MAMMOTH BRONZE TURKEYS**—Large frame, fine color. Only few. Won't last long. stamps for Blue Print of turkeys. M. S. Kohl, Benton, Kans.

**FOR SALE**—Mammoth Bronze turkeys. Inquire of T. M. Fleming, Fontana, Kans.

**FULL BLOOD, big boned, Mammoth Bronze turkeys** for sale. Mrs. Bert Howard, Rural Route 6, Paola, Kans.

**FULL BLOOD, big boned Mammoth Bronze turkeys** for sale. Mrs. Bert Howard, Route 6, Paola, Kans.

**M. B. TURKEYS AND ROUEN DUCKS**—Have a choice lot for sale from prize-winning stock. Won 14 premiums in two shows; 11 firsts. Address Mrs. A. E. Harness, Speed, Mo.

**FOR SALE**—An extra fine bunch of young M. B. turkeys from stock scoring up to 96 points. I took 1st cock, 1st cockerel 1st and 2d hen, 1st and 2d pullet, 1st and 2d pen at Central Kansas Poultry show at Newton, Kans., this fall. Extra prices on young stock up to February 15. Eggs in season \$4 per 11. G. W. Perkins, Route 4, Newton, Kans.

**DUCKS.**

**EGGS FOR HATCHING**—Mammoth Pekin ducks, White or Barred Plymouth Rocks, per sitting or 100. Farm raised. Guarantee satisfaction. Write us. R. W. Weaver Company, Route 9, Wichita, Kans.

**MISCELLANEOUS.**

**PEACOCKS FOR SALE**—Single or pairs. Mrs. G. Thierer, Alma, Kans.

**\$4** yearly profit per hen guaranteed by using Little Gem Hatcher and my Bifold System. Satisfactory proof free. F. Grundy, Poultry Expert, Morrisonville, Ill.

**AGENTS**—To sell and advertise our Poultry Com pound; \$66 weekly; rig furnished. Franklin Manufacturing Company, Norwalk, Ohio.

**BIG POULTRY PAPER FREE**

Send us 10 cents (silver), to cover postage, and the names of five poultry raisers, and we will send you THE POULTRY GAZETTE an entire year free of charge. Stops when the time is out. Regular price 50 cents. Send today.

Searle Pub. Co., Clay Center, Neb.

unsatisfactory. There are, however, some real good brooders made. It is fully as essential for successful poultry-raising to have a good brooder as it is to have a good incubator; in fact, we would rather have a poor incubator and a good brooder than a poor brooder and a good incubator, for unless you can raise the chickens that are hatched, what good is a one hundred per cent hatch? It is folly to hatch out chickens and then allow them to dwindle away and die in a poor brooder. Some take the chicks that are hatched in an incubator and put them under hens to brood, but this is very unsatisfactory, for the chances are that too many chicks will be put under a hen to be brooded properly and half of them will probably die. Then the danger from lice is always very great when hens do the brooding, whereas in a brooder the lice are obliterated altogether. My advice is to buy a good brooder, even though you pay more money for it than for the incubator, and even though it is made by a different firm than the one that made the incubator.

**SCOTCH COLLIES.**

**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, Kans. W. H. Richards.

**Scotch Collies.**

Fifty-seven Collie puppies just old enough to ship. Place your orders early, so you can get one of the choice ones.

Walnut Grove Farm, Emporia, Kans.

**INCUBATORS AND BROODERS.**

**Incubators and Brooders**

If you want a good Incubator in a hurry write to the undersigned. He keeps the Old Trusty Incubator (hot water) and the Compound (hot air), two of the best Incubators made. Also the Zero brooder, no better made. It pays to buy a good brooder. No use hatching chicks without a good brooder to raise them. The Zero will raise every chick you put in it.

THOMAS OWEN, Sta. B, Topeka, Kans.

**INCUBATOR BARGAIN.**

I have six Hiawatha Incubators, guaranteed hatching, for sale at \$8.00 for the 120 egg size, and \$8.00 for the 240 egg size, if taken at once, cash with order. Edith Shaw, Box K, Hiawatha, Kans.

**BIGGER POULTRY PROFITS**

Our new 128-page Poultry Book teaches the inexperienced and gives the expert many valuable hints. Tells why "SUCCESSFUL" INCUBATORS AND BROODERS are best. Offers 14 varieties of fine birds and eggs at low prices. Catalogue free. Book set on "Proper Care of Chicks, Ducks, Geese and Turkeys," 10 cents. Poultry paper 1 year 10 cents.

DES MOINES INCUBATOR CO., 156 Second St., Des Moines, Ia.

**\$7.15** Buys the Best 120-EGG Incubator ever made. Freight Prepaid East of Rockies. Double cases all over; best copper tank; nursery; self-regulating. Best 100 chick hot-water Brooder, \$4.35. Both ordered together, \$11.00. Satisfaction guaranteed. No machines at any price are better. Write for our book today or send price now and save waiting. Belle City Incubator Co., Box 18, Racine, Wis.

**\$7.85** FOR OUR 100 EGG HATCHING WONDER. A substantial practical incubator, 26 inches long, 21 inches wide, 14 inches high. Triple walls, hot water heat, aluminum coated tank, automatic regulator, nursery. With brooder \$11.45. To points west of Rockies, incubator, \$9.85; with brooder, \$14.70. Order today. Money refunded if not as represented. 80-page catalogue free. Established 1867. GEO. KETTEL CO., Quincy, Ill.

**CYPHERS INCUBATORS**. Get all the profits out of poultry by using the Guaranteed Best—Cyphers Incubators and Brooders. The Highest Standard for Poultrymen. Beginners, Experts and Agricultural Experiment Stations use and recommend Cyphers labor-saving, patented, self-ventilating, self-regulating machines. Our Free 212-Page Book Tells Why Write for this most practical, illustrated, big, free catalog, which will show you how you can succeed best with poultry raising and How to Make Money With Poultry and Incubators. Address nearest office. CYPHERS INCUBATOR CO. Buffalo, New York, Boston, Chicago, Kansas City, Oakland, Cal., London, Eng.

# Feed Rather Than Breed

There is more in the proper management of a hen than in the hen herself—feed and care count for more than "blood." Some breeds lay better than others, but a man who don't "know how" will spoil the best hen; while a man of experience will get eggs from the hen who hasn't a disposition to lay. The secret lies in giving the hen perfect digestion, because if she does not extract from her food the elements of the egg, she is sure to be non-productive.

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


fully meets the needs of the poultry man at this point. It is a tonic containing the bitter principles which medical men tell us will assist and strengthen digestion. It also holds salts of iron, which makes good blood and the nitrates which expel poisonous matter from the system. Poultry Pan-a-ce-a is the prescription of Dr. Hess (M. D., D. V. S.) and is endorsed by leading poultry men everywhere. It makes hens lay abundance of eggs, forces chicks to early maturity and is better than anything else to help fatten market birds. Pan-a-ce-a is also a germicide and wards off poultry diseases.

Costs but a penny to feed 30 fowls one day Sold on a written guarantee.

1 1/2 lbs. 25c., mail or express 40c. } Except in Canada and extreme West and South  
5 lbs. 60c.; 12 lbs. \$1.25  
25 lb. pall \$2.50

Send two cents for Dr. Hess' 48-page Poultry Book, free.

**DR. HESS & CLARK,**  
Ashland, Ohio.  
Instant Louse Killer Kills Lice.



## Let My 50 Years Success Start You Right for Poultry Profits

Whether you are an expert Poultry Raiser, or a Beginner, it will pay you, especially this year, to write me a postal for my New Free 1908 Chatham Incubator and Brooder Book on Poultry Science.

My 50 years of practical experience in building Chatham Incubators and Brooders is told fully in this book. I tell you how you can start in the poultry business with a small amount of money and offer to prove to you on 5 years' guarantee that my machines are the best made. My 1908 book is so full of the latest improvements in chicken raising methods and practical information that no Expert or Beginner can afford to overlook it.

### Take 84 Days Free Trial of My Chatham Incubator

If you are an Expert, set a Chatham beside any other incubator in the world and prove at my risk for 84 days on 3 hatches that Chathams beat the rest.

If you are a Beginner, just hold off a day or two until you get my low factory prices direct to you—freight prepaid—and read my 1908 Book before you buy. Write a postal to me personally, now, to get it.

Learn all about our two immense factories—our new improvements and our ways of testing every machine at our own experimental station.

When a Chatham Incubator or Brooder leaves our factory to go to you it carries 50 years of successful experience with it and is an assurance of your success.

**New, Free Chatham Poultry Book**

It tells you how our \$500,000 invested in the Incubator manufacturing business is really an investment back of every one of our thousands of customers to make them Successful Poultry Raisers from the time they start with Chathams.

Write me personally, today, for my New Book. Manson Campbell, Pres., The Manson Campbell Co., Ltd. 143 Wesson Ave., Detroit, Mich. Dept. 38 Kansas City, St. Paul, Portland, Ore.; Nashville, Tenn.; Harrisburg, Pa. We have 24 Branch Houses and Make Prompt Shipments.



## YOU WANT PROFITS

And can positively get them by using

### Hatch-All Incubators and Brooders

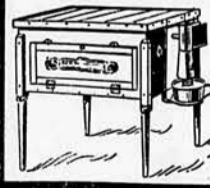
TO LAY FOR MARKET

You can make ten times the price of one of our machines in one season, and the incubator will be ready next year to do the same. HATCH-ALL is the best investment on the market.

**SIMPLE, NEAT AND STRONG**—Will last for years, and each season will find them capable of producing money-making hatches, which are certainly the only kind wanted. We pay freight.

**Our Big Poultry Book Sent You Free.** In it you will find knowledge gleaned from twenty years' experience in the chicken business. It is valuable.

SEND LETTER TO DEPT. 10  
HEBRON INCUBATOR CO. HEBRON, NEB.



## The Townsend Automatic Trap Nest

Awarded first premium Kansas State Fair, 1906-07. Invaluable to poultry raisers. The hen, on going in, closes the gate behind her, shutting out all other fowls. At any time she wants out for food or exercise, she can easily release herself. By simply lowering a latch, it is converted into a "Trap Nest" that is absolutely reliable. These nests are manufactured under our own patent. Write us for information and testimonials from users. AGENTS WANTED. Address

**P. G. TOWNSEND & CO., 629 E. 6th, Hutchinson, Kans.**

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER



Feb. 24

**REED'S**

Feb. 24

# Closing Out Sale

OF ENTIRE HERD OF POLAND-CHINAS

At Frankfort, Kans.,

## Monday, Feb. 24, 1908

**20 Tried Sows****15 Fancy Gilts****The Great Indiana 2d and Lail's Perfection.**

The greatest offering that will go in any sale ring this year, all bred for early litters. Send for catalog. See field notes. Send bids to J. W. Johnson.

### HOWARD REED

Auctioneer, Jas. W. Sparks.

# W. C. WHITNEY

Selling a Draft of Duroc-Jersey  
Bred Sows at

## Agra, Kans., Thursday, Feb. 20

The offering numbers 40 head and consists of 12 tried sows, 10 fall yearlings, and 18 spring gilts.

I am extending to my breeder friends a very cordial invitation to be at this sale, which is my first effort in this direction. I have selected this offering very carefully and believe it reflects credit on my herd.

The offering was sired by Lone Jack (the great sire at the head of my herd), Auction Boy 3d, Tip Top Notcher, Joe Folk, Corrector A, and Bell's Chief 2d.

On the dams' side are such good mothers as these: Miss G. W. 126444 out of Tip Top Notcher 20729 out of Rose O. Gradys 80848 is the dam of two fall yearlings; Genevieve 67866; Chloe W. 126448 is the dam of an extra yearling sow bred by Combination 32035, he by Bell's Chief and Bishop's Choice.

**SPECIAL ATTRACTIONS.**—Whitney's Bessie out of Bessie H. and Parker Mc, a 2-year-old sow that is a great individual and the best of mothers. Geneva's Pet 157014, one that was bought at the K. C. Royal 1906, bred by W. W. Wilcox and in first prize litter and first prize young herd; farrowed a litter of 13 pigs and raised 11 of them.

## W. C. Whitney, Agra, Kan.

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

Free accommodations for breeders. My sale follows the T. P. Teagarden sale at Wayne, Kans. Come direct to Agra the same evening on the Rock Island. Catalogues ready.

# T. P. Teagarden

Wayne, Kans.,

Sells Duroc-Jersey Bred Sows  
at his farm adjoining town,

## Wednesday, Feb. 19, '08

The offering numbers 39 head and consists of 32 spring gilts that are well grown out, 3 fall yearlings, and 4 tried sows. They are a fine, growthy lot and have the best of feet and lots of quality and finish with the desirable size.

**Famous Boars that Sired Offering.**

Ripley Top Notcher 42697, one of the best breeders in Kansas.  
Belles Chief II 62881, owned by J. E. Joines, of Clyde, Kans.  
Young Model 33111, a grandson of Higgin's Model.  
Chester Mc 55089, a grandson of Improver 2d.  
Shorty Orion 53841, now at head of Jno. W. Jones & Son's herd.  
Auction Boy 3d 23471.  
Kanhio Chief 37491, and others of equal note.

Catalogues ready to mail now. Free transportation will be furnished from Agra on the Rock Island, Talmo on the Union Pacific, and Wayne on the B. & M. Those desiring to attend the W. C. Whitney sale at Agra, Kans., on the day following will be furnished free transportation to the Rock Island.

# T. P. Teagarden

Wayne, Kans.

Jas. T. McCulloch, Auctioneer. J. W. Johnson, Fieldman.  
J. W. Jones will sell Duroc bred sows at Concordia the day before my sale.

# E. M. MYERS,

Burr Oak, Kans.,

Will sell a Draft of Duroc-Jersey Bred  
Sows from his splendid herd  
at that place

## Friday, February 21, '08

The sale will be held in town and under cover.

The offering numbers about thirty-five head and consists of 15 tried sows and 20 spring gilts. The sale is the day following W. C. Whitney's sale at Agra and can be conveniently reached either the same evening or the next morning. Returning, the best of connections can be made for any direction. I am aiming to start right with my first bred-sow sale, and feel confident that I am doing so. The offering is not a large one but good and useful throughout. Everything is safe to the service of Ohio Prince, a splendid grandson of Ohio Chief and Wonder Bob, a son of Nebraska Wonder. Both herd boars have many friends and we want you to see them.

**Sires and Dams of Offering.**

Myers' Improver 48689, a grandson of Improver 2d, Ohio Prince 54555,  
Model Chief 38481, Surprise 3d 50249, Prince Wonder 42455.

Fancy Bird 87734, a daughter of Loudon's Bird 48482.

Raven's Lass 158815, a daughter of Red Raven 47607.

Burr Oak Girl 123928, and other good ones.

Free hotel accommodations at Commercial Hotel.

## E. M. Myers, Burr Oak, Kans.

John Brennen, Auctioneer. J. W. Johnson, Fieldman.

W. C. Whitney sells Duroc-Jersey bred sows the day before at Agra, Kans.



Special Want Column

"Wanted," "For Sale," "For Exchange," and "small want" or "special advertisement" short time will be inserted in this column...

SEEDS AND PLANTS.

POP CORN—White pearl, yellow, white rice. Write for prices. H. G. Mosher, Topeka, Kans.

FOR SALE—Sixty day oats re-cleaned, 75 cents per bushel. C. E. Cheney, Manchester, Kans.

POTATOES—5 choice varieties. Kansas grown; not irrigated. 75 bushels and 76 bushels from 2 bushels seed grown by two of our patrons the past two years. Ship via the Santa Fe, Missouri Pacific or Frisco. Prices etc., write Louis Bauer, Route 2, Sterling, Kans.

WE ARE IN THE MARKET for red clover, timothy, alfalfa, millet, cane and other seeds. If you to offer please write us. The Barteldes Seed Co., Lawrence, Kans.

ASPARAGUS ROOTS, any quantity. Prices low, write us. R. W. Weaver Company, Route 9, Wichita, Kans.

SEED CORN—Hildreth and Kansas Sunflower Highest yielding varieties at Kansas Agricultural College. See circular 12, by Prof. TenEyck. Write for prices. J. J. McCray, Treasurer Kansas Corn Breeders Association, Manhattan, Kans.

SEED CORN—C. E. Hildreth, Altamont, Kans. Originator, breeder and grower of Hildreth Yellow Dent corn. First prize at fairs and corn shows. "1908 to 1906 the Hildreth has produced the largest average yields at Experiment Station."

WANTED—Seed sweet corn. Barteldes Seed Co. Lawrence, Kans.

THRIFT TALKS.

(Continued from page 192.)

blow out, and in which there are no valves to corrode, burn, leak, wear out and give trouble, make repair expenses and life a burden.

Almost all the trouble with engines generally arise from their complicated construction. See that the governor, carbureter, and igniter are perfectly simple, effective and simply perfect. In fact, that the engine has a few parts as possible to do the work, is as accurately constructed as a cream separator and as strong as a manure spreader, and as durable as either or both. In fact, that it stands for high quality and distinctive individuality.

In this day of saving the wastes on the farm and turning them into assets, you will make no mistake when you secure a self-contained internal combustion engine to help you do more and better work. For further information, write to Smith Manufacturing Company, 158 E. Harrison St., Chicago, Ill. for new book on engines and power on the farm.

A Money Making Opportunity.

Very few people realize the splendid opportunity there is to make money in the real estate business. During the past few years there has been absolutely no class of men who have made the large profits as the real estate men.

Mr. C. H. Gray, of Kansas City, is one of the most successful real estate men in the country and he is giving a chance to ambitious men that many are taking advantage of. He has established a cooperative organization and is training men in every part of the country to act as representatives for their locality for his company. Many of these men are making money through their connection with Mr. Gray, although they have other business aside from real estate. Mr. Gray trains his representatives by mail and the instruction he gives is very valuable.

Any of our readers who are interested in making more money or going into business for themselves, can secure full particulars and Mr. Gray's book, free, by addressing C. H. Gray, Pres., 343 Century Bldg., Kansas City, Mo.

Saved His Life.

Bartlesville, Okla., Jan. 30, '08. The National Chemical Company, Caney, Kans.

I am glad to testify to the merits of "Barnes' Croup Grease." A son of mine was cured entirely of croup and he had been subject to it all of his life and came near choking to death several times up to the time he was five years old.

"Barnes' Croup Grease," entirely relieved him at the first symptoms of croup and finally cured him altogether. Respectfully, Mrs. S. E. BELL.

Another Suggestion—Save Incubator Money.

The incubator book "Hatching Facts" sent free for the asking by the Belle City Incubator Company, box No. 18, Racine, Wis., tells how you can save \$4 on the price of an incubator and brooder by ordering their 120-egg incubator and 100-chick brooder together. It is an offer worth investigating at once. If you think of buying an incubator, send them a postal.

Low Factory Prices.

There is a growing tendency for direct factory dealings, as two to three unnecessary profits are eliminated. For instance, a standard high grade separator with all of the latest improvements and made of the very best materials by the best workmen, may now be purchased under this plan at an actual saving to the purchaser of 20 to 50 per cent. Nothing is cheapened in order to sell at these reduced prices; it is simply the cutting off of unnecessary profits which when added to the cost of a cream separator does not add to their

CATTLE

FOR SALE—4 Shorthorn bulls, all richly bred, One a pure Scotch. Registered and of serviceable age. Call or address C. W. Merriam, Topeka, Kas.

FOR RED POLLED BULLS full of World's Fair blood address D. F. VanBuskirk, Bluemound, Kas.

WANTED TO BUY—A young Guernsey bull or bull calf. C. P. Felch, Lyndon, Kans.

FOR SALE—Four registered Shorthorn bulls, 1 and 2 years. Address E. D. Haney, Courtland, Kans.

REGISTERED Holstein-Friesian bull for sale; 3 years old. J. E. Huey, R. 6, Sta. A, Topeka, Kas.

FOR SALE—28 head of registered Aberdeen-Angus cattle. These are the good kind, and are mostly cows and heifers. I am changing my business and these cattle will be sold at bargain prices. Call on or write Frank Wasson, Clearwater, Kans.

FOR Red Polled bulls or heifers, write to Otto Young, Union, Ness County, Kansas.

SPECIAL SALE—5 straight Crulokhaak Shorthorn bulls for sale at bargain prices for quality. H. W. McAfee, Topeka, Kas.

SWINE

12 LARGE DUROC-JERSEY growthy gilts, weighing 275 pounds, sired by Ohio Chief Jr. and bred to a good son of Kant Be Beat. A. G. Dorr, Osage City, Kans.

I OFFER for quick private sale, 10 head Duroc-Jersey bred gilts at a bargain. Write for prices and breeding. Chester Thomas, Waterville, Kans.

FOR SALE—Four young Duroc boars bred in the purple. Write for prices and breeding. R. L. Taylor, Emporia, Kans.

KANSAS HERD OF POLAND-CHINAS—I have lost my health and will sell my entire herd of 40 head for \$400. F. P. Maguire, Hutchinson, Kans.

FOR SALE—Duroc-Jersey pigs, both sexes, March and April farrow, by Financier 4691. Raised for usefulness. Farmers' prices; pedigree furnished. Also R. I. Red cockerels. Ben Warren, Maple Hill, Kans.

TWO HERD BOARS FOR SALE—Joe Cannon by Red Raven and out of Faust's Pride, a Kant-Be-Beat sow, and Colossal by Golden Rule, the Kant at the head of Watt & Faust herd. Grant Chapin, Green, Kans.

HORSES AND MULES.

FOR SALE—Jack, black with white points. Registered, 6 years old. J. W. Stormont, Dighton, Kans.

FOR SALE OR TRADE—A fine trotting bred stallion, 16 hands, 1,200 pounds, sorrel, fine style and action. Broken to harness and saddle. A bargain. Jas. Hildreth, Dighton, Kans.

FOR SALE CHEAP, or trade for land or town property, an extra good grade German coach stallion, 6 years old, dark bay, 1,400 pounds. J. W. Robinson, Seneca, Kans.

FOR SALE—Five-year-old Jack, 16 hands high, weight 1,000 pounds. Good foal getter. U. J. Smith, Clyde, Kans.

PERCHERON, BELGIAN and SHIRE Stallions imported by Burgess, Wenona Ill. For sale at Dawson, Neb. \$700 to \$1200 registered Draft stallions \$400 each. LeRoy Judd, Dawson, Nebraska.

FOR SALE—13 jacks and jennets, 18. Unlucky number! First buyer gets a bargain to break the hoodoo. Don't write, come quick. Also 2 draft stallions. J. C. Strong, Moran, Kans.

FOR SALE—My stallions, jacks, brood mares and colts. R. E. Cowdrey, 112 Quincey St., Topeka, Kans.

PERCHERON STALLION FOR SALE—Owing to circumstances I am forced to sell my 7-year-old registered Percheron stallion. He is sound, kind, big, has a fine action and is a perfect show horse. Will fully guarantee him. Terms: Cash, approved notes, or will trade for cattle. J. B. Weides, Bureka, Kans.

TWO JACKS FOR SALE—3 and 4 years old, Missouri bred. Address S. C. Hedrick, Tecumseh, Kans.

FOR SALE—One black team, 6 and 7 years old, weight 3000 pounds. Mr. and Mrs. Henry Schrader, Wauwata, Kans.

POULTRY.

STATE FAIR WINNERS—Rose Comb Brown Leghorn cockerels for sale. Eggs for hatching. Write for prices. Rapid delivery. Rufus Standifer, Reading, Kans.

DUFF'S BARRED ROCKS—Choice standard stock by standard mating. We breed them now exclusively, and have the very best. Eggs and stock in season. Write your wants. A. H. Duff, Larned, Kans.

BARGAINS—Having sold all my last years W. R. Breeders, I have 2 or 3 dozen fine pullets that I will sell at \$1.00 each or \$10.00 a dozen, while they last. Also one 360 egg Cyphers incubator, good order, for \$18; also two 100 chick Bates brooders, (none better), ready to run for \$5.00 each. W. L. Bates, Topeka, Kans.

WHITE PLYMOUTH ROCK pullets; fine stock \$1 each. W. L. Bates, Topeka, Kans.

FOR SALE—Single Comb Rhode Island Red cockerels; pure-bred and fine birds. Also eggs in season. Mrs. G. M. Townsend, R. 3, Phillipsburg, Kans.

Salmon Faverolles

are unexcelled as layers both winter and summer, as broilers on account of early maturity and quality of flesh. Weight, hens 6 to 7 lbs., cocks 7 to 8 1/2 lbs. Eggs \$2 for 15. A. B. Ainsworth, Newton, Kans.

S. C. W. LEGHORNS and B. P. ROCKS

Eggs now ready from our 19 mated pens. No more pullets or hens for sale. A few cocks and cockerels at reduced prices. Send for catalogue of S. C. W. Leghorns and B. P. Rocks. Elenora Fruit and Poultry Farm, Centralia, Kans.

value in the least. The original and leading separator to be sold on this plan is The Davis, made by Davis Cream Separator Company, 540 North Clinton street, Chicago, and their catalogue No. 125, which we have before us, fully describes the machine and the plan, and states that a copy will be sent absolutely free to any one requesting same. If you need a separator write for one.

How to Shear Sheep.

Many owners of sheep continue to use the old hand shears to the injury of their sheep and the loss of much good wool. It is an indisputable fact that with the hand shears it is impossible to clip the wool evenly or to do it

REAL ESTATE

REAL ESTATE

FARM LOANS

Funds to lend at current rates on productive farm lands in Oklahoma, Southeastern Kansas and Southwestern Missouri.

Liberal Terms Prepayment Privileges

Call on or write to us for information.

THE DEMING INVESTMENT COMPANY, Oswego, Kansas

Branch Office—Oklahoma City, Perry, Enid and Muskogee, Oklahoma.

SPECIAL

Six quarter sections 20 miles from Topeka, 1/2 mile from good railroad town. All

in wild meadow. This is the last of a large ranch. It can be had for \$25.00 per acre.

Ind. Telephone 1847. L. E. ANDERSON & CO, Topeka, Kans. 500 N. Kansas Ave.

A SPECIAL BARGAIN

260 acres 5 miles from Ottawa, Kans., 300 acres second bottom, 60 acres upland, 150 acres tame grass, 5 acres alfalfa, 40 acres fine timber, 25 acres in wheat, balance under plow and pasture, fenced and cross-fenced, 3 1/2 miles hog fence, 10-room house, well, cistern, large barn, cribs, scales, granary, implement house, hog houses, feed yards with living water and timber protection, 1/2 mile to school, 2 to church, fine neighborhood. Price for thirty days, \$65 per acre. Terms to suit. M. E. Ford, Enterprise, Kans.

A LITTLE GEM.

80 acres, 2 1/2 miles from a good railroad town in Sedgwick County, 60 acres in cultivation, 2 acres timber, a good orchard, running water, some alfalfa, 5 room cottage, nearly new, painted white, white picket fence around the garden, good barn, will hold 10 horses, hay mow fork, grauary, wagon shed, this barn is new, cow barn, hog-house, implement shed, corn-crib, chicken house, cattle corral, some hog pasture, all buildings good and painted, one-fourth mile to school, from 1 to 3 miles to 5 churches, a high school in the town, only 2 1/2 miles. This is all good land and a bargain at \$3,800. Terms. We have larger ones and nearly as good. The Nelson Real Estate & Immigration Co., 137 N. Main St., Wichita, Kans.

MR. STOCKMAN

Why stay on that high priced ranch, when you can get a big range for little money in the healthiest climate and best stock country on earth? Rich land, fine grass, abundant water. Join the American colony in the beautiful highlands of Mexico. Let us show you what Kansas ranchmen think about the country. Write for photos and description of ranches and farms. J. W. Magill & Co., Topeka, Kas.

MISCELLANEOUS.

BOSTON HISTORICAL POST CARDS—10 beautifully colored, for 25 cents (silver). Old South Church, Washington Elm, King's Chapel, Paul Revere's Home, Boston Common, Harvard Stadium, etc. A. M. Anderson & Co., 3 Home St., Malden, Mass.

WANTED—A lady housekeeper for three gentlemen. Will be furnished a good home and good wages. Must be single and agree to remain a year or more. German descent preferred. References required. None under 21 years need apply. Address O. W., Balleysville, Kans.

WANTED—Girl for general housework. Small family. \$4 per week. R. J. Linscott, Holton, Kans.

FOR SALE—Typewriter cheap. Ship on approval. Ben Gurley, Minneapolis, Kans.

FOR SALE—A Remington Typewriter. A machine now in use at The Kansas Farmer office. It is in good condition. Will sell for \$30, as it is to be replaced with a new machine. Call, or write to The Kansas Farmer Company, Topeka, Kans.

WANTED—By experienced agricultural college graduate, a position as manager of an up-to-date dairy farm. Preferably in Kansas or Colorado. E. E. Greenough, Manhattan, Kans.

WANTED—A second-hand traction engine, not less than 14 horse power. Dr. W. D. Barker, Chanute, Kans.

Stray List

For Week Ending January 30.

Franklin County—J. L. Turner, Clerk. CATTLE—Taken up by John Frederick in Home-wood tp., one red and white yearling steer, no marks or brands visible; also one red and white yearling heifer, no marks or brands; valued at \$10 each.

Farber County—S. W. Ireland, Clerk. COW—Taken up by T. H. Richardson, in Medicine Lodge tp., December 14, 1907, one 3-year-old red cow, white face, muley, notch in each ear; valued at \$24.

Week Ending February 13.

Chase County—W. B. Penny, Clerk. HEIFER—Taken up by E. P. Allen, in Diamond Creek tp. (P. O. Eimdale), one black 2-year-old heifer, also one red and white 2-year-old heifer; valued at \$25.

McPherson County—J. O. Sturquist, Clerk. HORSE—Taken up by M. A. Wain in Battle Hill tp., January 10, 1908, one 900 pound dapple gray horse, 4 feet 8 inches high, diamond on left shoulder, A T on left hip; valued at \$50.

without putting second cuts in much of the fleece. The modern way to shear is with a good machine and you will find what is unquestionably the best one in the field and the most reasonable in price is advertised by the Chicago Flexible Shaft Company in this issue. The Stewart No. 8 machine is a good one and will pay for itself by the additional wool secured, the freedom from second cuts, the absence of injury to the sheep and the great ease and rapidity with which the work can be accomplished. Their catalogue is sent free upon request.

"Do You Want to Own Your Own Home?"

If so we can sell you 123 acres 4 miles from station, 60 acres of timbered bottom land under cultivation, with good house and barn, large orchard of all kinds of fruit, two good wells, fine feed lots, also watered by creek and pond, for \$32.50 per acre with \$1200 cash, balance in 10 years with privilege of prior payment. Hurley & Jennings, Emporia, Kans.

BARGAIN—240 near Emporia, fine alfalfa bottom farm; \$7,000 improvements. Priced low. \$2,500 will handle. L. R. Krehbiel, Lorraine, Kans.

FOR SALE—A section of wheat land well improved, 400 acres of wheat on place. Buy of owner and save commission. J. D. Hayes, Oberlin, Kans.

WRITE J. D. S. HANSON, HART, MICH., for best list of fruit, grain and stock farms.

800 ACRE stock ranch for sale or trade. Has two sets of improvements and two orchards. Mr. and Mrs. Henry Shrader, R. 1, Box 6, Wauwata, Kans.

QUARTER SECTION of fine land in Sherman County, close to Goodland, to trade for part horses, cattle or mules. T. J. Kennedy, Osawatie, Kans.

Eighty acres, Anderson County, three-fourths of a mile from Amlot. Four-room house, barn for ten head of stock, good soil, location and water. Price, \$3,500. B. F. Fridley, Amlot, Kans.

\$250 WILL BUY 80 acres; Christian County, Southeast Missouri. Perfect title; terms \$10 monthly. W. M. B. Williams, Mt. Vernon, Ill.

HOME IN MANHATTAN.

490 acres, farm land, wild meadow, and pasture; improved, watered; 12 miles out, 8 miles to shipping station; price \$20 per acre. 180 acres—90 acres best river bottom, balance pasture; improved; \$7,000. 240-acre finely improved prairie farm for \$10,000. 320 acres best natural pasture for \$6,000. Over 40 farms in this vicinity. Lists in more than twenty Kansas counties. Best large stock farm and ranch list in the west. Over 75 city properties. Large suburban and rooming-house list. Good exchange list. Manhattan city properties, including livery and harness business and hotel, for land. Write today. New state map for 10 cents in stamps. MANHATTAN REALTY CO., 804 Poyntz Ave., Manhattan, Kans.

Farm Bargains in East Kansas

Write for new land list describing farms that are offered at bargain prices. Corn, wheat, clover and alfalfa land. MANSFIELD BROS., Garnett, Kans.

MISSOURI FARMS FOR SALE

Everman has a farm for every man. Write for description and price list.

John W. Everman, J. Gallatin, Mo.

Real Estate Wanted

WANTED—Would like to hear at once from owner having good medium size farm or small business for sale in any good prosperous locality. Please give price and description and reason for selling. State when possession can be had. No agents need reply. Address Lock Drawer 984, Rochester, N. Y.

NOW IS THE TIME TO GET A HOME IN SUNNY COLORADO

They are coming here by the hundreds for health, happiness, homesteads and low priced lands. I locate homesteaders and sell land, in this, the most healthful climate in the United States. Elevation 3500 feet; better for lung troubles than higher altitudes. This is the coming wheat producing country of the middle west; one crop pays for the land twice over. Come over the Mo. Pac. Ry. and get off at Sheridan Lake, 14 miles west of the Kansas line and let me show you. S. R. Smith, Sheridan Lake, Colo.

A Cheap Wheat Farm in Stanton Co., Kans.

160 acres level as a floor. Deep, black soil, ready for the plow. In German settlement south part of the county. Price only \$600.

ALBERT E. KING, McPherson, Kans.

R U LOOKING



For a bargain? I have these direct from the owners, and they will pay your expenses if not found as represented. In Kan., Mo., Okla., Nebr., Colo. and Tex., 397 farms, 78 ranches, 61 stocks of goods, also lumber yards, hotels, mills, elevators, phone plants, horses, cattle, etc. I have some splendid farms and ranches to exchange for rentals and merchandise. When you wish to buy, sell or exchange, I would like to hear from or see you. FRANK GEE, Lawrence, Kans.



**DUROC-JERSEYS**

**DUROC-JERSEYS**

**DUROC-JERSEYS**

**POLAND-CHINAS**

**DUROC-JERSEY**

**Bred Sow Sale, Tuesday, Feb. 18, '08**  
JNO. W. JONES & SON, Concordia, Kans.

**Gold Standard Durocs**  
10 extra spring boars, and 40 choice gilts open, or bred to a good son of Kant Be Beat at panic prices.  
CHAS. DORR, R. 6, Osage City, Kans.

**A. M. Jordan**  
Alma, Kans. **POLAND-CHINAS** of modern breeding, "Advance" (by Chief Perfection 2d) and "Grand Mischief" in service.

**BLUE VALLEY HERD REGISTERED DUROC-JERSEYS**  
Breeder of high-class, pure-bred Durocs. Leading strains of Duroc families represented in our herd. All correspondence given immediate attention; and young stock for sale at all times. See us at "American Royal."  
**WATTS & DUNLAP,** \* \* \* \* \* **Martin City, Mo.**

**MADURA DUROCS.**  
BROOD SOWS—Some fine brood sows bred to Major Roosevelt and Miller's Nebraska Wonder, he by Nebraska Wonder.  
**FRED J. MILLER, Wakefield, Kans.**

**Deer Creek Durocs**  
100 pigs of March and April farrow by sons of Ohio Chief, Tip Notcher and Kant Be Beat. Ready for shipment after July 1.  
**BERT FINCH, Prairie View, Kans.**

**PLEASANT VIEW DUROCS**  
70 early pigs by Quality King 59831, Orion Boy 42187, and W's Top Notcher 59833. Also some choice tried sows at farmers' prices  
**THOS. WATKINSON, Blaine, Kans.**

**PRAIRIE QUEEN DUROCS**  
70 early springs that are tops, by the great Kant Be Beat, Alex Heir, and Wilkes Echo, out of daughters of Ohio Chief and Village Pride, and other good ones. G. H. Ramaker, Prairie View, Kans.

**SIGLER'S** Our Poland-Chinas are rich in breeding and individuality. Our prices are right and we respectfully invite correspondence with prospective buyers.  
**A. R. SIGLER, Pickrell, Neb.**

**The Useful Type of Poland-Chinas**  
Herd headed by Pilate Chief 43565 by Johnson's Chief 35774, and Major King 43564 by Major M. 31527, a 1000-pound hog.  
**E. D. MORRIS, Bern, Kans.**

**OAK GROVE HERD OF DUROCS**  
Herd headed by Choice Goods H. 36471 by Hunt's Model and Corrector's Model 34381. I have for sale a few choice males of spring and fall farrow that will be priced worth the money.  
**SHERMAN REEDY, Hanover, Kans.**

**Fairview Herds Durocs and Red Polled**  
Some good young boars by Crimson Challenger 43877 for sale. No females or Red Polled cattle for sale now.  
**J. B. DAVIS, Fairview, Brown Co., Kans.**

**Orchard Hill Herd Duroc-Jerseys**  
A few good spring boars yet for sale. Dispersion sale February 23.  
**R. F. NORTON, Clay Center, Kans.**

**POLAND-CHINAS. SHORTHORNS.**  
A few thrifty young bulls and boars of the best breeding from champion and prize-winning families. Prices reasonable for quick sales.  
**R. M. BUCK, R. 2, Eskridge, Kans.**

**HILLSIDE DUROCS AND HEREFORDS**  
Choice boars ready for service. Bred gilts and fall pigs, both sexes. Mc's Pride III, Oom Paul V, and Crimson Knight 62579 in service. A good Anxiety bred Hereford bull calves. Prices to correspond with the times.  
**W. A. WOOD, Elmdale, Kans.**

**CRIMSON HERD OF DUROCS.**  
Herd boars, Red Perfection by Leona's Chief, Allean Gold Dust by Parker Mc., and Red Pathfinder by American Royal, Iowa Girl still farrowing good litters. The best blood lines of the breed with size and quality combined. Spring pigs for sale. J. W. Reid, Portis, Kas.

**Otatop Herd Duroc-Jersey Swine**  
Composed of nothing but prize-winning Pigs for sale of either sex.  
**JOHN W. TAYLOR, Edwardsville, Kansas**

**Somerheim Farm Poland-Chinas and Holsteins**  
For ready sale at a bargain, the herd boar, Capital Prince 45129, by Prince Darkness. Can use him no longer. Also several early spring boars that will make lusty herd-headers and a number of richly bred gilts. James B. Zinn, Box 348, Topeka, Kans.

**PEERLESS STOCK FARM**  
DUROC-JERSEY HOGS FOR SALE.  
**R. G. Sollenberger, Woodston, Kans.**

**ATTENTION**  
Hog raisers of every kind. Had you forgotten that this is just the time to buy that male pig to head your herd? Well, it is a fact and you had better get in line and come to the Rosebud and get something fine.  
**ROSEBUD STOCK FARM, Rathbun & Rathbun, Prop., Downs, Kans.**

**Grant Chapin's Durocs**  
FOR SALE—Some very choice young boars of April and May farrow sired by Model Chief Again and out of my best producing sows. Some of them herd headers.  
**GRANT CHAPIN, Green, Kans.**

**WELCOME HERD POLAND CHINAS**  
Headed by the \$1,000 TOM LIPTON. Sows in herd—Springtime by Meddler 2d, a \$710 gilt bred to Perfect Challenger; Cherry Blossom by Perfection E. L., a \$310 gilt bred to S. P.'s Perfection; Eloquence by Corrector, a \$180 sow bred to Modler 2d; Maxie by Chief Perfection 2d, a \$385 gilt bred to Meddler 2d. Stock for sale at all times. Write us or come and visit herd.  
**JOSEPH M. BAIER, Elmo, Kans.**

**PIGS SHIPPED ON APPROVAL**  
200 head of Durocs, all ages, representing the blood of Combination, Valley Chief, and a son of Kant-Be-Beat.  
**T. L. LIVINGSTON, Burchard, Neb.**

**Elk Valley Durocs**  
Herd headed by Doty Boy 29279, a son of the champions Goldfinch and Dotie. My sows are by prize-winning boars. Choice pigs of both sexes for sale.  
**M. WESLEY, Bancroft, Kans.**

**POLAND-CHINAS**

**FAIRVIEW STOCK FARM**  
BRED SOW SALE—45 head of high grade Poland-Chinas—40 choicely bred sows and gilts, 5 extra good boars; at Fredonia, February 29. Send for catalog.  
**A. K. SELL, R. 2, Fredonia, Kans.**

**E. L. Keep On Poland-Chinas.**  
Pigs by the world's record breaker, E. L.'s Keep On, Meddler 2d, Perfect Challenger, Masticator, On Time, Maximus, Highland Chief Jr., Pollman's Meddler, Skybo, Grand Perfection by Grand Chief; and out of sows by Meddler, Chief Perfection 2d, Perfect U. S. and Perfect I Know, Keep On Perfection by Keep On, Sir Darkness by Chief Perfection 2d, Cecil by Mischief Maker, Convincer by Chief Perfection 2d, Philanthropist by Expansion Lamp-lighter, Big Boy by Perfect U. S., Peace Maker by Mischief Maker, and Sunflower Perfection. Herd in care of H. J. Rickley. Address all communications to Dr. B. P. Smith, Longford, Kans.

**Silver Lake Durocs.**  
Fifty fall pigs will be priced right, either sex. Bred gilts will be priced right on mail orders. Bred sow sale, Feb. 15. Boars in service, Lone Jack 30291, Paul Jumbo 42269.  
**W. C. WHITNEY, Agra, Kans.**

**CUMMINGS & SONS DUROCS**  
100 tippy pigs of early March farrow, by Lincoln Tip, Junior Jim, Tip Top Notcher Jr., Kanta Model, Beautiful Joe and our herd boar OH HOW GOOD, second prize winner at Nebraska State Fair. Sale in October; write or visit.  
**W. H. CUMMINGS & SON, Tecumseh, Neb.**

**BOARS, BOARS.**  
Choice spring males at right prices, by Grand Chief, Masterpiece, Nonpareil, Choice Chief, E. L. 2d, and other noted sires. Call on or write  
**THOS. COLLINS, R. 4, Lincoln, Kans.**

**A. B. GARRISON Summerfield Kansas**  
Breeder of Poland-Chinas That Win  
where size, bone and quality are the chief requirements. 110 early pigs by Prince You Tell, my 1000-pound show boar, and Gold Metal, a grandson of Expansion. Write for description and prices.

**B. N. WELCH,**  
Breeder of DUROC-JERSEYS. Crimson Chief 49609 heads my herd. Young stock for sale.  
**Waterville, Kansas.**

**Vick's DUROCS** are bred for usefulness. Choice young stock for sale by such great boars as Vick's Improver 47385, Red Top 32241, Fancy Chief 24923 and other noted sires. Correspondence invited. Visitors coming to Junction City and phoning me will be called for. W. L. VICK, Junction City, Kans.

**Stalder's Poland-Chinas**  
I have pigs for sale from the leading strains of the country. Prices reasonable. Write for full particulars.  
**O. W. STALDERS, Salem, Neb.**

**CHESTER-WHITES**

**Howe's**  
DUROCS; 100 early spring pigs, the best I ever raised. Improver, Top Notcher, Sensation and Gold Finch blood lines. Call or write.  
**J. U. HOWE, Route 8, Wichita, Kans.**

**CHASE COUNTY HERD OF DUROCS.**  
Golden Chieftain, a grandson of Ohio Chief 8727A, Harter's Choice, a granddaughter of Crimson Wonder and first and grand champion sow at St. Joseph, 1907, and others of the best breeding. Young stock for sale at all times. J. H. GAYER, Route 1, Cottonwood Falls, Kans.

**GOOD POLAND-CHINAS**  
I. B. Good, Route 2, Peabody, Kansas  
Offers bred Poland-China gilts by Faultless Jr. 2d and Happy Prince bred to Big Bone Chief. Also fall pigs of either sex by Big Bone Chief. Prices reasonable.

**O. I. C. SWINE**  
For Sale—August and September pigs, either sex. Their breeding is of the best. Also White Wyandottes. Write your wants.  
**S. W. ARTZ, Larned, Kans.**

**EUREKA MANOR HERD OF DUROC-JERSEYS.**  
Choice breeding stock; the best I ever raised. Fall and spring boars, fall and spring gilts, and tried sows, bred or open. Prices the lowest, quality and breeding the best. Herd headed by Eureka Tip Top 43641 sired by the great World's Fair grand champion Tip Top Notcher 20729 and Olathe Chief 61629. By Ohio Chief 8727, the world's champion. Write your wants or call and inspect my herd.  
**J. F. ENSOR, Olathe, Kans.**

**Staad's Durocs**  
A fine line of sows and gilts bred to Long Wonder, Nelson's Model, and a son of Kant Be Beat, at public sale prices less expenses. Also 2 or 3 good spring boars at panic prices if taken soon.  
**J. F. STAADT, Ottawa, Kans.**

**Erie Gas Light Herd POLAND-CHINAS.**  
Headed by Sunshine Chief 2d by Chief Sunshine 2d, dam Queen Perfection, Margarette C. Mayflower, Ideal Sunshine 3d and other great sows in herd. Stock for sale.  
**J. K. MAHAFFEY, Erie, Kans.**

**Andrew Carnegie Herd O. I. C.'s**  
Proven sows bred for fall farrow. Also 50 early pigs ready for shipment after July 15. Prices reasonable.  
**G. S. GODLOVE, Onaga, Kans.**

**SPECIAL!**  
I have a car of long yearling bulls, a car of bull calves, a car of yearling heifers and a car of heifer calves for sale. These cattle are all in good growing condition and are mostly reds. They were sired mostly by Baron Ury 2d 124970, Bold Knight 178054 and Headlight 2d 243305.  
**C. W. TAYLOR, R. 2, Enterprise, Kans.**

**Lamb's HERD OF DUROCS** is built along the most fashionable blood lines and is noted for the individuality of its make-up. 50 fine pigs sired by the great Hanley, Lincoln Top, Buddy L. by Buddy K. IV, Crimson Jim, Ambition and other great sires. We invite correspondence with prospective buyers.  
**Elmer Lamb, Tecumseh, Nebr.**

**JOHN BOLLIN,**  
Route 5, Leavenworth, Kans.  
**Breeds and Sells Popular Poland-Chinas**  
The State and World's Fair winning boars Nemo L.'s Dude and The Picquet in service. Bred sows and serviceable boars for sale.

**O. I. C. The World's Best Swine**  
Spring pigs for sale, singly, in pairs or trios; properly mated and sired by Norway Chief Enterprise at head of herd. Chief, our first and sweetestake, and other good boars. Write for our free booklet. Some snaps for first orders. Address  
**THE FISHER LIVE-STOCK CO., Hastings, Neb.**

**Wall Street**  
Might have taken you in had I not come to your rescue with a few sows carrying the blood lines of Kruger, Buddy K., Tip Top Notcher, Crimson Wonder and Ohio Chief, bred for early farrow to Secret Prince 68211, A. B. Top Notcher 47323, Big Chief's Special 68213, Top Notcher Model and Billy K., Jr. Write me your wants.  
**G. W. COLWELL, R. 2, Summerfield, Ka.**

**Timber City Durocs**  
Fall and spring boars by You Bet 31111, Doty Wonder 11889, Geneva Chief 8049, Rose Top Notcher 54059, and others. Sows bred to the above boars for sale. Over 400 head in herd. Write your wants.  
**SAMUELSON BROS., Bain, Kans., and Cleburn, Kans.**

**SUNNY SLOPE POLANDS**  
A number of spring pigs, either sex, the farmers' kind, at bottom prices. Gilts will be sold bred or open. Also a litter of Scotch Collie pups, the great watch and cattle dog.  
**W. T. HAMMOND, Portis, Kans.**

**POLLED DURHAMS**

**Klondyke Durocs**  
One April 20, 1907, male at \$15.50; 5 October 22d, cherry red, at \$8.50 each. The blood of Hunt's Model 20177, Prover 63589, Improver 2d 13365, Sam Advance 63587, Proud Advance 23549 in herd.  
**G. E. Newton, Whiting, Kans.**

**ROSE LAWN Duroc-Jerseys**  
I have several high-grade Lincoln rams for sale.  
**L. L. VROOMAN, Rose Lawn Place, Topeka, Kans.**

**Becker's POLAND-CHINAS.** 30 bred sows and gilts by Dandy Rex, Emperor Chief, Black Boy; and bred to Dandy Rex and Trouble Maker 2d. Prices reasonable.  
**J. H. BECKER, Newton, Kans.**

**Polled Durhams FOR SALE**  
Double Standard Polled Durhams. Choice young bulls sired by Kansas Boy X 2885, brother to first prize winners last two years. Write or come and see stock.  
**D. C. VanNice, Richland Kans.**

**Ralph Harris Farm Duroc-Jersey Herd**  
Kansas Advancer 67427 and Crimson Advancer 67425 at head. At the American Royal, 1907, with 3 entries, we took reserve grand champion sow; champion sow under 12 months; 1st and 2d sows under 12 months, and 2d in junior yearling sows. We look for excellent pigs by our new herd boars.  
**Ralph Harris, Prop. B. W. White, Mgr. WILLIAMSTOWN, KANS.**  
Farm station, Buck Creek, on the U. P., 45 miles west of Kansas City.

**Capital Herd Duroc-Jerseys.**  
Young boars and gilts for sale from such sires as Missouri Goldfinch, Lond Wonder and Parker Boy, with excellent breeding on dam's side. All are good thrifty pigs. Call or write.  
**J. S. White & Son, R. 8, Topeka, Kans.**

**CEDAR GROVE HERD**  
Of pure-bred POLAND-CHINA HOGS  
We will have some bargains this season to offer the public. J. A. HEBREW, Stockton, Kans. Mention Kansas Farmer when you write.

**BERKSHIRES**

**K. & N. Herd Royally Bred Duroc-Jersey Swine**  
Have a few gilts that I will sell at reasonable prices, bred for April farrow. Also a few fall boars of September, 1906, farrow. Write for prices and descriptions.  
**R. L. WILSON, Chester, Neb.**

**FOUR-MILE HERD DUROCS**  
Choice fall boars by Orion Jr. 31497 and Ohio Chief 2d 41197. 50 spring boars, growthy, heavy bone, good feet, nice color; sired by the above named males, and E.'s Kant Be Beat 57863, Crimson Chief 31263, Rose Top Notcher 54059, You Bet 31111, Top Notcher 20729, and other noted sires. Sows of the best and leading families. Write or visit herd. Visitors met at trains.  
**E. H. Erickson, R. 1, Olsburg, Kans.**

**Maple Valley Herd Poland-Chinas**  
60 fine spring pigs sired by On The Line, Col. Mills by Chief Perfection 2d, Prince Darkness, Dispatcher, Grand Perfection, On Time, and other great sires. Write me for prices and breeding. C. P. BROWN, Whiting, Kans.

**Berkshires**  
Of both sexes for sale. Herd headed by Imported Baron Compton 89195.  
**W. J. GRIST, Osawatie, Kans.**

**Young Boars For Sale**  
Chief Enterprise at head of herd.  
Am offering 35 head of spring boars sired by Chief Enterprise. Heavy boned, growthy, thick fleshed, and in splendid condition. This stuff will be priced right. Write me for further information.  
**ISAAC TYSON, Mound City, Mo.**

**Young Boars For Sale**  
Chief Enterprise at head of herd.

**Ridgeview Berkshires —FOR SALE—**  
One aged and one yearling boar and spring pigs of both sexes.  
**MANWARING BROS., Route 1, Lawrence, Kans.**



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## GEO. W. BERRY, High-Class Berkshires

R. F. D. No. 4, Lawrence, Kans.  
Breeder of Masterpiece, head of the superb Masterpiece family; also Black Robinhood, head of the great Black Robinhood family. For Sale—Show pigs and herd headers, fall of 1907 farrow. Choice boars and gilts at moderate prices.

## Knollwood Berkshires

Headed by Pacific Duke 56691, dam Marjorie 57491 by Baron Duke 234 5600, a son of Baron Lee 4th, the sire of Lord Premier and Duchess 120th 28675, grand dam of Premier Longfellow. Stock of all ages for sale. All stock guaranteed as represented.

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The Guthrie Ranch Berkshire herd, headed by Berryton Duke, assisted by his prize-winning son, Revelation, and his half-brother, Baron Duke. Size, bone and quality for the farmer; style and finish for the breeder. A few extra good boars and over one hundred fall pigs to choose from.

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Have weight, quality and constitution developed by rustling for the best pork producing food on earth, alfalfa and blue-grass, supplemented with a light ration of grain and mill feed. They are bred right and best of all are priced right. Write for anything in Berkshires to

E. D. KING, Burlington, Kans.

## MOREAU VALLEY FARM BERKSHIRES

The Home of Moreau Duke 84409

A few choice gilts bred to Moreau Duke 84409, one of the greatest producing sons of premier Longfellow 68600, out of prize winning dams. Prices reasonable.

## Jones & McGinnis, Enon, Mo.

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#### RED POLLED BULLS.

Sired by Nebraska's greatest show and breeding bull, Falstaff 5th, weight 2700 pounds. The young bulls are the kind that weigh from 900 to 1000 at 12 months. In shipping we can make good connections with all Kansas railroads. Geo. F. Schwab & Son, Clay Center, Neb.

#### CODURN HERD OF RED POLLED CATTLE

Herd now numbers 115 head. Young bulls for sale.

GEO. GROENMILLER & SON, Route 1, Pomona, Kans.

## Foster's Red Polls.

Some choice young bulls and heifers, also a few good cows for sale. Prices reasonable.

Chas. Foster & SON, Eldorado, Kans.

#### RED POLLED CATTLE AND POLAND-CHINA SWINE

Best of breeding. Write or come and see. CHAS. MORRISON & SON, Route 2, Phillipsburg, Kans.

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#### CAPITAL VIEW GALLOWAYS

Over 300 head. Extra lot of young bulls by Imp. Battle of Lockside 23524. Lost Boy of Platte 12633, and Tip Top 22260.

G. E. CLARK, 2301 Van Buren St., Topeka, Kans.

### JERSEYS

## Linscott's Jerseys

Established 1878. Registered in A. J. C. C. My herd has outgrown the carrying capacity of my farm and to reduce it in numbers, offer for sale any animal, with a very few exceptions, in the herd for from \$25 to \$125. Remember this is from the largest and oldest herd of registered Jerseys in Kansas. Young stuff both sexes for sale at all times. Correspondence and inspection invited.

R. J. LINSOTT, Holton, Kans.

### SHORTHORNS

**SHORTHORNS and POLAND-CHINAS.**  
FOR SALE—A few choice Scotch heifers by the pure Scotch bull Cruickshank Clipper and out of our best cows. Also a number of splendid gilts of the good growthy kind, bred for March and April farrow. Prices reasonable. Farm adjoins depot. Call or write. Geo. E. Ross & Sons, Alden, Kans.

#### New York Valley Herds of Shorthorn Cattle and Berkshire Hogs.

No hogs for sale at present but will sell some extra fine Scotch-topped bulls and heifers from 8 to 18 months old. Come and see my stock and be convinced.

J. T. BAYER, Yates Center, Kans.

#### Scotch Topped Bull.

For Sale or Trade—My 4-year-old herd bull, Maud's Duke of Wildwood 218428; has scale and quality, is a good individual and a sure breeder. Also choice Duroc spring gilts for sale.

T. J. DAVIS, Nickerson, Kans.

#### SELDEN STOCK FARM

Scotch and Scotch topped Shorthorns for sale. 8 young bulls from 8 to 24 months old, all reds and good quality. Sired by Baronet of Maine Valley 178578 and Secret Emporer 232647. Prices reasonable. Inspection invited.

HOADLEY & SIGMUND, Selden, Kans.

#### Providence Farm Shorthorns

By the Conqueror 224431, full Scotch show bull at head of herd, sire and dam both imported. Scotch and Scotch topped individuals, both sexes for sale. To make room will give special prices for next 30 days. A few choice young bulls, cows with calves at foot and cows and heifers bred and young heifers not bred. Foundation stuff a specialty.

J. L. STRATTON & SON,

1 mile Southwest Ottawa, Franklin Co., Kas

#### Shorthorns and Poland-Chinas

For Sale—7 bulls from 8 to 18 months old (6 of these are straight Scotch), a few pure Scotch and Scotch-topped heifers from 8 months to 2 years old. These are by our pure Scotch bull, Cruickshank Clipper, and out of our best cows. Also some toppy spring boars, and a few choice gilts bred for spring farrow. Prices reasonable. Farm adjoins depot. Call on or write

GEO. B. ROSS & SONS, Alden, Kans.

#### WESTLAWN SHORTHORNS

A few extra choice bulls, 6 to 18 months old, by my straight Scotch bull, Lankland of Orange and out of heavy milking dams. Prices reasonable.

E. B. GRANT, R. 9, Emporia, Kans.

#### Prospect Farm Shorthorns

The oldest Shorthorn breeders in Kansas. The largest herd of Cruickshanks in Kansas. Herd headed by Violet Prince 145647 and Orange Commander 220590. Young stock of both sexes and some cows for sale. Quality and prices right.

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#### Maplewood Herefords

The great 2,400 pound Dale Duplicate 2d, Chief herd bull, son of the great Columbus. High-class stock for sale.

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Herefords and Durocs.

Judge Spencer 97224, a prize-winner at the American Royal in 1906, heads Hereford herd. Hanley Lad 4823 by Hanley 42345, heads Durocs. For sale, choice stock of both breeds, any age or either sex, at rock bottom prices.

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The great Protocol 2d 91715, Printer 66684, Beau Beauty 192235 and Beau Brummel 10th 167719, head of herd. Choice young stock of both sexes for sale.

Hazford Place,

Robt. H. Hazlett, Eldorado, Kans.

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#### THE LILAC FARM.

We have a fine lot of bull calves sired by Lilac Preterje Sir De Kol, 1st prize bull Topeka State Fair, 1905, which we are offering for sale at a very reasonable price. The Lilac Farm, Hughes & Jones, Proprietors, R. 2, Topeka, Kans.

#### HOLSTEIN BULL CALVES

From large producing dams. You can increase your profits 50 per cent with this class of stock. Address

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#### Somerheim Farm Holsteins and Poland-Chinas

For Sale—30 yearling Holstein heifers, just ready for work. Make heavy, rich milkers. Prices will be reasonable. I have the best herd of dairy cattle in Kansas.

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Our sales last six months nearly twice those of any similar period in our history. Animals purchased here and shown by their then owners won more championships and first prizes than all purchased elsewhere and similarly shown.

Constant importations. Next one due February 5, 1908. Best animals, lowest prices, safest guarantee. 42 years of honorable business methods. Write immediately to

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147 Big Black Kentucky Mammoth. Imported Catalonian and Malyorca Jacks, 40 jennets, 30 saddle and harness stallions, 40 saddle mares. Tamworth and Poland-China hogs. Our catalogue is the finest ever issued by any jack breeder. Our prices are right and you will positively buy if you visit our farms and mean business.

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We will open a branch barn in Central Kansas the first of March.

## For Sale.

5 big jacks from 3 to 5 years old, 15 to 16 hands, all good ones; also 4 Percheron stallions, two 2 years old, weighing over 1800 pounds each at 29 months old and will weigh a ton at 3 years old. Is that the kind you want?

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Stock for sale. Come and see us or write your wants.

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## Jacks, Jennets, Stallions

30 black jacks of good ages, heavy boned and up to 16 hands high; 38 jennets; stock nearly all of my own raising and acclimated. Also several draft stallions and one saddle stallion for sale. Prices reasonable.

PHILLIP WALKER, Moline, Elk Co., Kans.

### JACKS.

I have the largest line of big, first-class, imported and Home-bred Jacks in the world. Mules are getting higher and in greater demand than ever. If horses get higher, mules will get higher. If horses get cheaper, mules will get higher still, just the same. RAISE MULES. If you do not like mules, remember I stand in the front rank with the finest line of extra big imported Percherons, Belgians and American-bred-ton stallions, at lower prices than you can find them any where. All stock guaranteed 65 per cent breeders. W. L. DeCLOW, Cedar Rapids Jack Farm, Cedar Rapids, Iowa.

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12 jacks, all black and all my own raising and breaking. Also five stallions. Bred by my own hands north of depot. For particulars see or write

F. W. POOS, Pester, Kans.

#### PIKE COUNTY JACK FARM.

Largest importer and breeder of Mammoth Jacks in the United States. Every stall in my barns has a big Mammoth Jack, 15 to 17 hands high, 1,000 to 1,300 lbs., that I will sell on one and two years time to responsible parties. If my jacks are not just as I represent them I will pay all railroad expenses.

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Horses—Cattle—Swine—Poultry.  
Silkwood 12328, in stud, race record 2:07; Guideless, record 2:07 3/4; sire of two in 2:10 and of eleven with records better than 2:25. Fee, \$25 to insure. Pasture and feed reasonable. Registered Shorthorns and Jerseys. Large strains. Several Jersey bulls for sale. O. I. C. Swine. Choice boars and gilts for sale. R. I. Red chickens, both rose and single comb. Eggs \$1 per 14, \$5 per 100. Correspondence, inspection and patronage solicited.

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Kansas City, Mo.

Opposite Union Depot. Everything first-class. Cafe in connection. Cars for the Stock Yards, the up town business and residence parts of the city and for Kansas City, Kans., pass the door. Solid comfort at moderate prices. A trial will please you.

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I have the natural qualifications for an auctioneer and have had the benefit of a term of training in the American Auction School located at Chillicothe, Mo., which school provides a thorough course not only in practical auctioneering but also stock judging and other things that very successful auctioneers should know. My terms are reasonable for good service.

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BUNCETON, - - MISSOURI

#### PURE-BRED STOCK SALES.

##### Shorthorns.

February 17—C. M. Garver, Abilene, Kans.  
Feb. 19—J. F. Stodder and others, Burden, Kans.; sale at Wichita, Kans.  
March 17—T. K. Tomson & Sons, Dover, Kans.; at Kansas City, Mo.

##### Herefords.

Feb. 20—A. Johnson and others, Clearwater, Kans.; sale at Wichita, Kans.  
February 25, 26, 27—Combination sale of Herefords at Kansas City, Mo., C. A. Stannard, Mgr.  
March 26, 27, 28—Fine Stock Pavilion, Kansas City, Mo. R. T. Thornton, Manager.

##### Poland-Chinas.

February 14—H. W. Phelps, Scottsville, Kans.  
February 15—Logan & Gregory, Beloit, Kans.  
February 17—C. M. Garver, Abilene, Kans.  
Feb. 19—J. D. Spangler, Sharon, Kans.  
Feb. 20—E. E. Saxon and Knapp Bros., Independence, Mo.

February 21—B. F. Ishmael, Laredo, Mo.  
February 24—Howard Reed, Frankfort, Kans.  
Feb. 25—L. D. Arnold, Abilene, Kans.  
Feb. 26—W. H. Bullen, Belleville, Kans.  
February 29—A. K. Seils, Fredonia, Kans.  
March 3—Bred sows at Clyde, Kansas, Geo. E. Smith, Agency, Kans.  
March 6—Hales & Hughes, Severy, Kans.  
Mar 12—W. C. Topiff, Moon, Kans.

##### Duroc-Jerseys.

Feb. 14—John W. Taylor & Roy C. Williamson, Edwardsville, Kans. Combination brood sow sale.  
Feb. 18—S. W. Alfred & Son, Sharon, Kans.  
February 18—John W. Jones & Son, Concordia, Kans., bred sow sale.  
Feb. 19—T. P. Tesgard, Wayne, Kans.  
February 20—W. C. Whitney, Agra, Kans.  
February 21—J. F. Ensor, Olathe, Kans.  
February 22—Geo. Kerr, Sabetha, Kans.  
February 23—E. M. Myers, Burr Oak, Kans.  
February 23—J. B. Davis, Fairview, Kans.  
February 24—Stephenson Bros., Elk City, Kans.  
February 27—D. O. Bancroft, Downs, Kans.  
February 28—B. G. Sollenbarger, Woodston, Kans.  
March 4—Burt Finch, Prairie View, Kans., at Norton, Kans.  
March 5—J. F. Chandler, Frankfort, Kans.

##### Berkshires.

March 3—T. F. Guthrie, Strong City, Kans.  
March 4—G. W. Berry & T. F. Guthrie.  
March 4—Chas. E. Sutton, Lawrence, Kans.  
February 28—T. J. Congdon, Pawnee City, Neb.

##### O. I. C.

February 18—John Cramer, Beatrice, Neb.  
**Percherons.**  
Feb. 23—D. E. Reber, Morrill, Kans.  
Feb. 18—J. W. and J. C. Robison, Towanda, Kans.; sale at Wichita, Kans.  
February 28—R. J. Ream & Co., Kansas City, Mo.  
March 12—B. J. Ream & Co., Denver, Col.

##### Jacks and Jennets.

March 2—W. J. Finley, Higginsville, Mo.  
March 3—Limestone Valley Jacks and Jennets L. M. Monsee & Sons Smithton, Mo.

##### Combination Sales.

Mar. 4-5-6—Breeders' Sale of horses, C. W. Hurt, Arrowsmith, Ill.  
March 10-12—Wichita, Kans., D. R. Mills, Mgr.  
March 19—O. P. Hendershot, Hebron, Neb., Percheron brood mares, Kentucky Jacks and Shorthorn cattle.  
Apr. 24—Kansas City, Mo., D. R. Mills, Mgr.

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"Peaches and Cream" stallion and mares are best investments for deposits, you have in "banks" and can't draw out. Waltz me around again Willie," then buy a stallion and two mare of Iams. They will make us 40 per cent and we will know where our money is. Iams will accept our certificate of deposit drafts, certified checks or bankable notes. Iams and his winners and sons of winners "stirs up the animals." He hypnotizes the buyers with a "horse show" of bargains. Owing to bad crops, Iams' cash, his 26 years experience, he is selling more and better horses than ever. "Willie," buy an "Iams stallion" this fall, save \$300 and get choice of

## 200 Percherons, Belgians and Coachers 200

Two to six years old, wt. 1700 to 2560 lbs., 50 per cent black boys, 50 per cent tan stallions. All registered and approved. Mamma, Iams is a hot advertiser, but he has "the goods." He sells "toppers" at \$1000 and \$1,500, so good they need not be "peddled" or put on the "auction block" to be sold. He has on his "selling clothes," they fit all buyers. No men with money or bankable notes get away from Iams. He buys, owns and sells more stallions than any man in the U. S., saves thousands of dollars to stallion buyers. He is not in the stallion trust. Iams places 1,000 or \$1,500 insurance.



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

Ikey, what a rich graft these "slick stallion salesman" are working on the honest farmer, selling fourth-rate stallions at \$2,000 and \$5,000! Iams sells "top-notchers" so good, big and cheap that they do not need to be peddled to be sold. Mr. Buyer, see Iams' stallion yourself. Take no "gold brick stallion salesman's word." Iams has "the goods" you read about. His establishment is worth going 2,000 miles to see. Iams makes competitors "holler." He is knocking "high prices out" Xmas tree. Iams saws wods, "butts in," sells more stallions each year. He akes every statement good. Georgie, dear, buy a stallion of Iams. His \$1,300 stallions are much better than our neighbors paid those Ohio men \$4,000 for. Then I can wear diamonds. Iams speaks the languages, buys direct from breeders, pays no buyers, salesman or interpreters, has not two to ten men as partners to divide profits with. Iams guarantees to sell a better stallion at \$1,000 to \$1,500 than are sold to stock companies for \$2,500 to \$5,000 by slick salesmen, or pay you \$500 for your trouble, you the judge. Iams pays horses freight and buyer's fare; gives 60 per cent breeding guarantee. Write for eye-opener and greatest horse catalogue on earth.

References—St. Paul State bank and Citizen's National bank

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When you arrive in Lincoln, take the State Farm or Interurban street car. Inquire for Sullivan's barns. If impossible to come at once, write us for further information concerning our stallions.

**THE LINCOLN IMPORTING HORSE COMPANY,**  
A. L. SULLIVAN, Mgr. LINCOLN, NEB.



## Robison's Percheron Sale

Seventh annual sale, Wichita, Kas., February 18, 1908.—40 mares, 20 stallions. Catalogs ready January 15.

J.W. & J. C. ROBISON, Towanda, Kans.



**FRANK WASSON,**  
Importer and Breeder of  
**Percheron and Shire Horses**  
Stallions of age and quality to suit any buyer that wants a good money maker. Prices right and terms easy. Write for particulars today or come and look them over.  
**FRANK WASSON, Clearwater, Kansas**

## Breeders' Fifth Annual Sale

### 200--HORSES--200

Bloomington, Illinois, March 4, 5, and 6, 1908

Sale will be held in Coliseum

On Wednesday, Thursday, and Friday, March 4, 5, and 6, we will sell 200 imported and home-bred Registered Percherons, French Draft, Shires, Clydesdales, Coach, and Trotting Horses, Stallions, Mares and Fillies.

A number of these imported last year. The following are the consignors: D. Augustin, Carlock, Ill.; A. J. & F. R. Dodson, L. F. & W. A. Boyle, H. S. Hoyman, Sannissippi Farm, Ed Hodgson, A. J. Glick & Son, C. E. Moots, R. D. Humphrey, Fenton Imp. Co., Farmers' Horse Co., J. W. Cavanaugh, Galesville Horse Co., M. L. Ramseyre, Burgess & Son, L. D. Young, F. E. Waters, Chas. Ewing, Simon King, Henry Knoche, C. E. Smith, A. R. Fry, A. & J. Parks, Chas Sprague, D. A. Albright, S. Herbert, J. P. Wilson, J. J. Gilchrist, Welsh, Weakly & Peck, S. E. Naffzinger, W. J. Naffzinger, Henry Moll.

This will be one of the largest sales of stallions ever held in the State. These are consigned by the very oldest breeders and importers in the State, and out of the very best families and show herds. We don't claim to have all of the prize-winners of France, England, or Scotland, but we do claim to sell you horses that were good enough to win at St. Louis, Springfield, Chicago, and other large shows in 1905-6-7. Catalogues ready February 12.

Our Sixth Annual Sale, October 28-29, 1908.

## C. W. HURT, Mgr., Arrowsmith, Illinois

COL. D. L. BROWN, Auctioneer.

## MONSEES' Jack and Jennet SALE



THE 31ST AUCTION SALE AT  
Limestone Valley Farm,

Six miles east of Sedalia, main line M., K. & T. and Mo. Pacific R. R., and two miles north of Smithton, main line Mo. Pacific Railroad.

**TUESDAY, MAR. 3, 1908**

### 50 Head of High Class Registered Jacks and Jennets 50

Remember Limestone Valley Farm has produced the champions of the world for twenty years. Every animal guaranteed to be as represented. Nothing priced or sold privately after being catalogued. There will be a special train from Sedalia to Smithton on day of sale, leaving Sedalia at eight o'clock, a. m., and returning at six o'clock, p. m., making connections with all trains east and west on the Missouri Pacific, and north and south on the M., K. & T. Come to Sedalia and then to Smithton. Free conveyance from Smithton to farm. If interested, write for catalogue and come to the sale. You will not be disappointed but highly pleased. We shall be glad to meet you. Respectfully,

L. M. MONSEES & SONS, Smithton, Pettis Co., Mo.

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PERCHERONS—SHIRES—BELGIANS



Low prices and good horses talk with more reason than big ads. We do business on our own money, pay no interest, no salaries. Our expense is so small compared with the number of horses we import that we are enabled to sell a better horse for \$1,000 than other importers ask \$1,200 to \$1,400 for. We give a 60 per cent guarantee and furnish life insurance if desired.

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Geo. S. Murray, Formerly Professor Commerce, Kansas State Normal School, Emporia, Kansas



# JNO. W. JONES & SON

Will Sell

At Concordia, Kansas,

## 50 Head Duroc-Jersey Bred Sows 50 Tuesday, Feb. 18.

12 Large, Tried Useful Sows; 12 Fine Fall Yearlings; 24 Growthy, Fancy Spring Gilts (tops this year's crop). Bred to our Six Great Breeding Boars.

ATTRACTIONS.—The great World's Fair winner, My Choice 50032, one of the grandest sows of the breed; Fancy Xenia 47490, the sow that so many of you have herd headers from by Topnotcher; the \$275 sow, Bird Lou-den; the \$250 sow, Lady Chief 2d; the great producing sow, Fancy Iravan, and her daughter, Iravan 2d; Orion's Bird, the litter sister to Woodlawn Prince. She was second at the State Fair, 1906, and is an elegant sow. Write for catalogue. It fully describes the whole offering. Come to the sale; but if you can't, send bids by mail to either of the auctioneers or L. K. Lewis, Fieldman, in our care at Concordia. All bids treated fair. Free entertainment. Sale in heated pavilion. No postponement.

Jno. W. Jones & Son.

### Fourth Annual Jack Sale Savannah, Mo., March 5, 1908

24 large black Jacks from 3 to 7 years old, 23 eligible to register. I make a specialty of the large, well bred, big boned, good footed, good head and ears kind; also two good 3-year-old registered Percheron stallions. If you want to buy a Jack that is as represented come to this sale. Write for illustrated catalogue.

G. M. Scott.

### HOTEL KUPPER

11th and McGee St.

Kansas City, Missouri



One of the newest and most centrally located hotels in the city. Absolutely modern in every detail. European Plan, \$1 per day and up.

# Axline's Bred Sow Sale, Strictly High Class Poland-Chinas

At Independence, Mo., Thursday, Feb. 20, '08

## 42--Head Poland-China Bred Sows, Richly Bred and Full of Quality--42

Sired by Chief Perfection 2d, Proud Perfection, Perfection E. L., Meddler, Keep On, Mo.'s Keep On, On and On, and a number of other great boars. And out of dams of the most fashionable and up-to-date breeding.

ATTRACTIONS.—Fashion Keep by Keep On, Lady Irene by Proud Perfection, Edith U. S. 3d by Chief Perfection 2d, Lady Meddler by Meddler, On's Favorite by On and On.

This stuff will be in the best of condition, and bred for early litters. We have never offered a more uniform lot than are included in this offering, not a mean one in the bunch. Sale held in Independence in a comfortable pavilion. Send for my illustrated catalogue.

E. E. AXLINE, : : : : Oak Grove, Mo.

Auctioneers, Sparks, Zaun, and Snyder. Mail bids sent to Geo. E. Cole, of The Kansas Farmer, in my care will receive careful attention.

## Big Smooth Polands At Auction

Sharon, Kans., Wednesday, February 19, 1908

Sale will be held at farm 2 miles east of Sharon in my new sale pavilion.

## 45 Poland-China Sows and Gilts 45

The useful kind bred to my big-boned boars, Progression 44866 by Expansion and Mogul Ex. 134821 by Mogul. They have bone, quality, and finish and immense size. Progression weighed 600 lbs. at 12 months in good breeding form. Get a sow bred to that kind. Every one will be a money maker for you. This will be the only sale of the big kind in this part of the State. Write for catalogue.

J. D. SPANGLER, Sharon, Kans.

S. W. Alfred & Son sell Durocs at Sharon, February 18.

## DUROC-JERSEY BRED SOW SALE

Sharon, Kans., Tuesday, Feb. 18, 1908

(Sale at farm just south of town limits.)

## 50 CHOICE SOWS AND GILTS 50 10 GOOD SPRING BOARS 10

Representing the best blood of the breed. Twenty-five of the females will be tried sows and fall gilts and 25 are well grown spring gilts. All are safe in service to Silk Wonder 3d, a great breeding son of Silk Worm, Buddy K.'s Bud, a good son of Buddy K. 4th, and Comet, a grandson of Tip Top Notcher and Gold Finch and out of an Oom Paul dam.

This is by far the best offering we have ever made. Write for catalogue and come to the sale.

S. W. ALFRED & SON, Sharon, Kans.

J. D. Spangler sells Polands at Sharon the following day.





## Great Three Days Auction



200 — HEAD — 200

# Herefords

**Kansas City, Mo., Feb. 25, 26, 27, 1908**

CONTRIBUTED by twenty of the leading breeders in the Western corn belt, including Cargill & McMillan, R. T. Pence, R. C. Wilson, L. Pinet, R. T. Thornton, Gudgell & Simpson, B. H. Downing, J. V. Brook, J. W. Lenox, Makin Bros., Steele Bros., T. P. Whittenburg, J. O. Bryant, J. J. Early, Jones Bros., W. B. Waddell, Fred Perkins, and Frank Rockefeller.

**Herd Bulls, Farm and Ranch Bulls, Bred Cows, Helpers, and Cows With Calves**

CATTLE for everybody and at your own price. Absolutely the best lot sold in a spring sale at Kansas City in recent years. This will be the greatest opportunity of this season. Your choice from the leading herds. Catalogues are ready and will be sent on application.

For catalogues address

**C. R. THOMAS,**

221 W. 12th St.      :-      Kansas City, Mo.



**G. A. STANNARD,**

Manager,

Emporia, .. Kansas



## Ensor's Duroc-Jersey Bred Sows At Auction

**At Olathe, Kans., Tuesday, February 25**

**30 Head Choicely Bred Duroc-Jersey Hogs 30**

14 Fall Yearlings, 13 Spring Gilts, 3 Tried Sows.

Sired by Eureka Tip Top, Mo. Gold Finch, O. K., by Buddy K. 4th, Oriole by Orion, Gold Finch Climax, and other good hogs.

### SPECIAL ATTRACTIONS.

No. 1 in catalogue, a fall yearling by Eureka Tip Top, out of Silvia, by Chief Perfection, bred to Olathe Chief.

No. 14, fall yearling by Eureka Tip Top, that is a full sister to the gilts that were in my show herd this fall.

No. 25, sow by Mo. Gold Finch, out of Goldie Wonder, by 2d Climax.

No. 26, spring gilt by O. K. by Buddy K. 4th, and out of Windsor Doty, tracing to the famous old show sow, Doty.

No. 28, gilt by Oriole by Orion.

These sows are bred to Olathe Chief by Ohio Chief out of Helen Blazes, Gold Finch Climax by Mo. Gold Finch, Eureka Tip Top by Tip Top Notcher out of Gold Dust Pink. There will also be included in this sale one boar by Eureka Tip Top out of Lucetta, tracing to Van's Perfection and old Higgins Model.

For catalogues address,

**J. F. ENSOR, .. Olathe, Kans.**

Zaun and James, Auctioneers. Send mail bids to Geo. E. Cole, of The Kansas Farmer in my care.

# Poland- Chinas

## AT AUCTION.

**Fredonia, Kan., Saturday, Feb. 29**

(Sale will be held at fair grounds.)

**50 — Head — 50**

Representing some of the best blood of the Poland-China breed. 20 proven sows in the prime of their usefulness, 24 fancy fall and spring gilts, 6 tippy spring and summer boars. Among the females, there will be 7 bred to Corrector Sunshine, 4 to Perfect Challenger, 1 to Chief Sunshine 2d, 1 to Success, and 1 to Meddler's Medal. My offering has size and quality and will be presented in the pink of condition. Write for catalogue and come to the sale.

**A. K. SELLS, Fredonia, Kans.**

Auctioneer, Col. Snyder. L. K. Lewis, Fieldman.

# DUROC-JERSEY BRED SOW SALE

**THAYER, KANS., WEDNESDAY, FEB. 26**

(Sale at farm, 3½ miles southeast of Thayer.)

**35---Choice Sows and Gilts---35**

8 proven sows all under 3 years old and 27 fancy, extra well grown spring gilts. Most of these are by a great breeding grandson of Ohio Chief, and they will all be safe in service to Orion Chief, a grandson of Orion and Billies K. X. by Dandy Wilkes.

COME AND BE WITH US ON SALE DAY. I feel sure you will be pleased with my offering. Write for catalogue.

**S. A. HANDS, Thayer, Kansas.**

Cols. Zaun and Herod, Auctioneers. L. K. Lewis, Fieldman.

**DISPERSION SALE FEB. 24, '08**

—OF—

## The Suburban Stock Farm Herd of Poland-China Hogs

Forty head of sows and gilts sired by Corrector 2d, Chief Sunshine 2d, G.'s Perfection, Salmon Perfection, Provider, Meddlesome, C.'s Sunshine, Slick's Choice, Fannie's Model; bred to Perfect Wonder 114721, and My Star 42418 by Chief Perfection 2d; also ten head of open gilts by My Star. Write for catalogue. Sale under cover.

**SPIVEY & ROFFEY, .. Jamesport, Mo.**

**Bullen & Son's Bred Sow Sale, February 26**

Forty head of big Poland-Chinas consisting of tried sows, fall yearlings and spring gilts. The spring gilts by Pan Famo will be bred to B.'s Hadley by Big Hadley. Fall gilts by Sultan by Mogul (the sweepstakes boar at Lincoln in 1905, and Creation, the second prize winner at Lincoln in 1906) will be bred to our two large boars, Pan Famo and Prince Wonder by Pan Famo. Pan is a yearling past and has 10½ inch bone. Prince Wonder is a spring pig and has 8½ inch bone. Sale to be held one mile south of Belleville, Kans., at farm. Free entertainment for breeders at Rock Island Hotel. Free transportation to and from depot. Write for catalogues.

John Brennan, Auctioneer.



# Seventh Annual Grand Four Days Combination Sale

**Wichita, Kans., February 18, 19, 20, 21**

**Percheron Horses, Shorthorn Cattle, Duroc-Jersey Hogs**

**Sale Pavilion, New Fair Grounds, 4 Blocks From Mo. Pacific Depot**

**February 18**

## Sixty Registered Percheron Stallions and Mares

consigned by J. W. and J. C. Robison, Towanda, Kans. Prize winners Kansas and Missouri State Fairs and American Royal, 1907.

**February 19**

## Fifty Registered Shorthorn Cows, Heifers and Bulls

consigned by J. F. Stodder, Burden, Kans., with a few tops from the herds of S. C. Hanna, Howard, Kans., and Marshall Bros., Atlanta, Kans.

Auctioneers: R. L. Harriman, L. R. Brady, Geo. P. Bellows, W. M. Arnold. Clerk, S. C. Day.  
Sale begins at 1 p. m. each day; apply to any of the consignors for catalogue of day's sale wanted, or to

**J. C. Robison, Mgr., - - - - Towanda, Kansas**

J. F. Stodder, Burden, Kans., sells 50 Duroc-Jersey hogs February 20, and J. C. Larrimer, Derby, Kans., sells Poland-Chinas February 21.

**A. B. Skadden, Frankfort, Kansas,**

Selling At Auction

## 34 Spring Gilts 6 Tried Sows

February 25, 1908.

Sale will be held under cover at farm, 3 miles west of town.

Sires of Offering: MICHAEL 55675 by ST. PAUL, DAN B. 65095, PAT FLINN 28619 by TROTT'S CHOICE, VAN'S PERFECTION 11571.

In this draft of good ones will be found 5 gilts by the grand dam, KATIE S. 169496, and 2 tried sows and 2 gilts by Kanna 111146, one of the best mothers thus far recorded. As individuals both sows and gilts are hard to beat, possessing as they do extra length and bone, fine backs and good feet. A larger, smoother type cannot be found in the West and they are in excellent condition. To see them is to buy. On sale day these sows and gilts will be safe in pig to the following herd boars:

RED WONDER by Nebraska Wonder, dam by Big Chief Ohio, B. N.'s CHIEF by Crimson Chief, CHET T. by Chief Orion, dam by Kansas Wonder.

Breeders attending sale, stop at Savoy Hotel. Transportation to and from farm. Catalogues ready.

**A. B. SKADDEN & SON,**

Frankfort, - - - - Kansas

Auctioneers—John Brennan and W. H. Trosper. J. W. Johnson, Fieldman.

J. M. Williams will sell Durocs at Frankfort, Kans., Feb. 26, 1908.

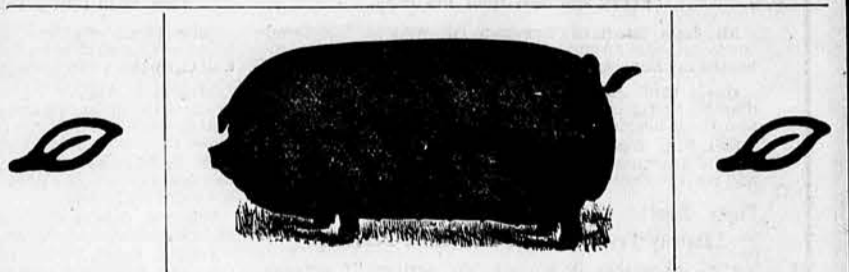
## Stephenson Bros. Duroc Dispersion Sale

**Elk City, Kan., Monday, February 24**

(Sale at the farm five miles west of town.)

### 45=HEAD=45

15 proven sows, 9 fall gilts, 21 spring gilts. By such sires as King I Am, Red Wonder, Star Wonder, Oom Paul 2d, Second Surprise, Mo. Wonder, King Wonder 5th, Mc's Pride, Cole's Duroc, Monarch, Crimson Wonder 2d, and 2d Tip Top Notcher. These are bred to King I Am, Crimson Model, and a grandson of Ohio Chief. This is a most useful lot of Durocs with



plenty of size, bone, and finish, and known breeding qualities, and representing the best blood lines of the breed in both sire and dam. Our two herd boars, King I Am and Crimson Model, will be included. Buyers from a distance stop at the Cottage Hotel at our expense. Send bids to L. K. Lewis, who will represent this paper. Address for catalogue

**Stephenson Bros., Elk City, Kan.**

Auctioneers, Cols. B. F. Boland and G. T. Metcalf.



# I WILL SEND FREE

My Book and Instructions for Curing

## Catarrh Deafness Failing Eye Sight, Sore or Weak Eyes AT HOME



I want to place a copy of my new book, entitled "Perfect Sight and Hearing," in every home in the United States, absolutely free of charge.

This book tells you the cause of Catarrh, Deafness, Failing Sight and all eye, ear, nose and throat diseases. It tells you how to prevent these diseases and how all mild forms of these diseases can be cured at home.

This book gives the origin and history of the Absorption Treatment and the curing of eye and ear diseases at home. The information in this book is valuable to every person who suffers with weak eyes or ears.

In addition to sending you this book free

## I WILL SEND YOU ONE MONTH'S TREATMENT On Trial

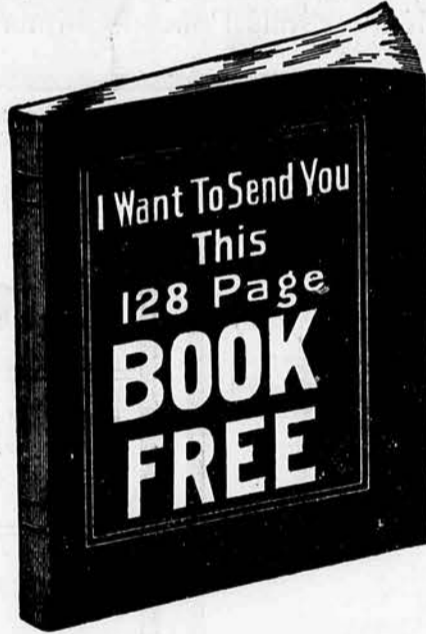
### My Free Offer:

is open for acceptance to every person afflicted. My big book explains the remarkably simple method of curing these diseases. No matter who has treated you or how long you have suffered; no matter how long you have been deaf or suffered with Catarrh, or Weak eyes or any disease or weakness of the eyes, ear, nose and throat, or who has told you that you are incurable, I want to send you free, a copy of my book, and I want you to try the Absorption Treatment. It has cured hundreds of people who have been considered incurable, and I believe that it will cure all ordinary cases of eye and ear diseases, where the structures have not been injured or destroyed.

I will send a month's treatment on trial; it costs you nothing if it does not prove satisfactory for your case.

If you want to get well of your disease, if you want to learn how to keep perfect sight and hearing, write me today; tell me what disease you are suffering with, let me send you this book free, and a month's treatment on trial. Read the history of these cases below and if your case is no worse than theirs, you should get well quickly with this treatment.

Fill out the coupon and send me today, without delay. You may not have an opportunity of getting this great free offer again.



This offer is fair and square. If you suffer from Deafness in any form, Catarrh of the nose, throat, head or constitution, sore eyes, Granulated Lids, Wild Hairs, Ulcers, Scums, Weak eyes, Failing sight from any cause; write and tell me what disease you have, I will give you the opportunity of testing the Absorption Treatment with the understanding that it will cost you nothing if it does not prove satisfactory.

There are absolutely no conditions to this offer. The Absorption Treatment does cure mild forms of eye, ear, nose and throat diseases, and I want to prove it. I want everybody to try it. I want them to see whether it is the treatment for their case or not. If it fails to convince them that it is the right treatment it will cost absolutely nothing.

A 100,000 people have used this treatment in their homes. Some had been partially deaf or partially blind, or suffered with Catarrh or failing sight for ten, twenty and thirty years, and restored their sight and hearing perfectly in one or two months. My book tells all about these cases and the kind of cases that can be cured.

Hundreds of cures like these, prove the merit of the Absorption Treatment, and it is for this reason, that I am going to give every person afflicted an opportunity to try it in their own homes, and if it fails to satisfy them, it costs them nothing.

### These People Accepted My Offer--Read What They Say About My Treatment.

#### These People Were Partially Deaf Twenty-five to Forty Years and Now Hear Perfectly.

Mr. Isaac Scott, of Chrisman, Ill., writes: "I suffered for forty years from Catarrh and Partial Deafness; restored my hearing in one month."

David Williams, of Newcastle, Pa., suffered with ear disease and partial deafness for twenty-five years; restored his hearing perfectly in one month.

Mrs. P. L. Dawson, of Barnesville, Ohio, suffered with partial deafness and ear trouble for twenty-five years and restored her hearing perfectly.

#### These People were Partially Deaf for Fifteen and Twenty Years and Can Now Hear Perfectly.

J. B. Whitesides, of Monett, Mo., writes: "I suffered for twenty years with partial deafness; restored my hearing in two months perfectly."

Mrs. Nancy Pierce, of Russell, Iowa, writes: "I suffered with partial deafness for eighteen years and you restored my hearing perfectly."

Mrs. Louis Charooz, of Woodward, Okla., says: "I suffered for fifteen years with ear trouble and partial deafness. Restored my hearing perfectly in a short while."

#### These People Were Partially Blind From Granulated Lids, Wild Hairs, Inflammations, Scums, Etc.

Miss Lizzie Goldsby, of Woodberry, Ill., partially blind twenty-six years, from Granulated Lids, Scums and Growths. Restored her sight perfectly.

Mrs. R. F. Hill, of Yuma, Tenn., suffered for thirty years with tumors on the eye lids and weak eyes. Several operations had been performed with no permanent benefit. Restored her sight perfectly in two months.

W. L. Mulkey, of Demorest, Ga., suffered with inflammation and sore eyes twenty-five years. Restored his sight perfectly.

Willis E. Calvin, of Greeley, Colo., almost blind from Inflammations and Scums. Sight restored perfectly.

John J. Baugh, of Dimmock, W. Va., had growths on the eyes--had been operated on--they returned--used my treatment, has perfect sight.

Marion Blake, of Canadian, Ind. T., had inflammation of the eyes for four years. Doctors could not help it. Restored sight in one month.

Mrs. Ed. Pecue, of West Pawlet, Vt., could not read without glasses for twenty years. Restored her sight and threw away her glasses in one month, a time by following my instructions.

### Special Notice

If you are not afflicted yourself and have no need for this offer you may have friends or neighbors who are afflicted with Catarrh, Deafness, Headnoises, Failing Eyesight, Sore Eyes or any other Eye, Ear, Nose or Throat Disease. You will do them a great kindness and a favor to me by showing them this great free offer.

Tell them to write to me I will gladly send them my Free Book and tell them how to get a month's treatment for their case on trial.

**DR. W. O. COFFEE, Dept. 872**

Care of The National Eye and Ear Infirmary,  
DES MOINES, IOWA.

DEAR DOCTOR:—I am afflicted with.....  
and would like to have you send me free of charge, your 128 page book and advise me how to get a month's treatment for my disease on trial.

Name.....

Address.....

**DR. W. O. COFFEE, Care National Eye and Ear Infirmary  
Dept. 872, DES MOINES, IOWA.**