



CATTLE.

THE GEO. H. ADAMS HEREFORDS AT LINWOOD, KANS.

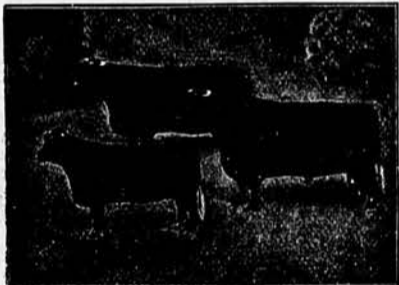
YEARLING Bulls and Heifers for sale, sired by Orpheus 71100, and Ashton Boy 52058, and out of choice imported, and home-bred cows. Address all correspondence to GEORGE F. MORGAN, General Manager, Linwood, Kansas.

H. R. LITTLE, HOPE, DICKINSON CO., KANS., Breeds Only the Best, Pure-Bred SHORTHORN CATTLE.

Herd numbers 135, headed by ROYAL CROWN, 125698, a pure Cruickshank, assisted by Sharen Lavender 143002. FOR SALE JUST NOW—16 BULLS of serviceable age, and 12 Bull Calves. Farm is 1 1/2 miles from town. Can ship on Mo. Pac., R. I., or Santa Fe. Foundation stock selected from three of the great herds of Ohio.

OLOVER BLOSSOM SHORTHORNS

Herd Headed by the Cruickshank Bulls. Imp. Nonpareil Victor 132573 Sire of the champion calf and junior champion bull of 1900 ...Grand Victor 115752... Himself a show bull and sire of prize-winners. FEMALES are Scotch, both imported and home-bred, pure Bates, and balance 3 to 6 Scotch tops. STOCK FOR SALE. GEO. BOTHWELL, Nettleton, Caldwell Co., Mo. On Burlington Railroad.



GLENDALE SHORTHORNS, OTTAWA, KANSAS. Leading Scotch, and Scotch-topped American families compose the herd, headed by the Cruickshank bull Scotland's Charm 127264, by Imp. Lavender Lad, dam by Imp. Baron Cruickshank. Twenty bulls for sale. C. F. WOLFE & SON, Proprietors.

PALO DURO STOCK FARM

Imported and American Bred SCOTCH SHORTHORN CATTLE, AND ...REGISTERED PERCHERON HORSES.

The Property of HANNA & CO., Howard, Kansas.

Bulls in Service: IMP. COLLYNIE 135022, IMP. MARINER 135024, AND IMP. LORD COWSLIP.

HERD is rich in the best Cruickshank blood and contains 10 females imported direct from Collynie and Uppermill. For Sale—10 bulls—herd headers—of choice Scotch and Cruickshank breeding. No females for sale at present.

Registered Percherons (Brilliant) in Service. DIRECT 18839 (by Bendago by Brilliant, dam Fenelo by Fenelon by Brilliant.) Bendago's dam the famous prize-winner Julia by Le Ferte. FOR SALE—Three 2-year-old stallions by Direct.

When writing to advertisers, mention Kansas Farmer.

A Sure Preventive of Blackleg

Is Parke, Davis & Company's Blackleg Vaccine Improved. Ready for Immediate Use. No Expensive Outfit Needed.

All you have to do is to put the Vaccine in your syringe, add boiled water according to directions, and inject into your cattle. It will positively PROTECT your cattle from the dread disease, Blackleg, the same as vaccination prevents Smallpox in the human family. Specify Parke, Davis & Co.'s Blackleg Vaccine Improved, and get the kind that is sure to be reliable. EVERY LOT IS TESTED ON CATTLE BEFORE IT LEAVES OUR LABORATORIES. Write for Literature and Full Information, Free on Request. FOR SALE BY ALL DRUGGISTS.

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HORSES AND MULES.

PERCHERON HORSES, and ABERDEEN-ANGUS CATTLE. GARRETT HURST, Breeder, ZYBA, SUMNER COUNTY, KANSAS. Young stock for sale of either sex. All registered.

HENRY AVERY & SON, BREEDERS OF

Pure Percherons.

The largest herd of Percheron horses in the west and the best bred herd in America. A choice collection of young stallions and mares always on hand. Prices constant with quality. Address, or come and see at Wakefield, Clay County, Kansas.

Pleasant Hill Jack Farm.

PHILIP WALKER, Breeder, MOLINE, ELK CO., KANS. 25 Mammoth, Warrior, and Spanish Jacks Now For Sale. Quality and Breeding Unexcelled. Inspection and Correspondence Invited.



Prospect Farm.



H. W. McAFEE, Topeka, Kansas, Breeder of OLYDESDALE HORSES, AND SHORTHORN CATTLE. For Sale—25 Clydesdales, including 3 registered stallions of serviceable age, and 18 mares. Inspection and correspondence invited.

SHEEP.

ANGORA GOATS. Registered and high-grades for sale in lots to suit customers, by S. D. MOHERMAN, Ottawa, Kansas.

CHEVIOT SHEEP, AND POLLED DURHAM CATTLE. Some fine rams for sale. The Cheviots are rustlers—smooth, clean face, allowing clear vision to approaching danger. Write for prices and circulars. A. E. Burleigh, Knox City, Knox Co., Mo.

SHROPSHIRE RAMS

Ram lambs, yearling, and 2-year-olds. Grand quality at drouth prices. Wet or dry we are always headquarters for Shropshires. Write your wants.

KIRKPATRICK & SON, - - Wolcott, Kansas.

R. C. JOHNSTON, Lawrence, Kansas.

...Breeder of...

PURE BLOODED, REGISTERED

Angora Goats

I have a few Yearling Bucks and some fine Kid Bucks, sired by King Cromwell for sale. Satisfaction guaranteed.

When writing to advertisers, mention Kansas Farmer.

Riverside Stock Farm

O. L. THISLER, & CHAPMAN & DICKINSON CO., KANS. Importer and Breeder of PERCHERON, and FRENCH COACH HORSES, and SHORTHORN CATTLE.

For Sale—A few Shorthorn heifers, and Percheron stallions; also a Special Bargain on 9 Registered Hereford Bulls, 2 years old, and a few Full-blood Percheron Mares.

S. A. SPRIGGS, Westphalia, Kansas,

BREEDER AND DEALER IN

Registered Mammoth, and Imported Spanish Jacks and Jennets; Also Registered Stallions. All stock guaranteed just as represented. Correspondence solicited.

SNYDER BROS., Winfield, Kans.,

Breeders of

POLAND-CHINA SWINE; SHIRE, CLYDE, AND PERCHERON HORSES, AND POLLED DURHAM CATTLE.

For Sale at Special Prices—17 BOARS, and 25 GILTS, farrowed mainly in November and December. They are extra well bred and very thrifty. 8 Polled Durham Bulls, of serviceable age. 17 Stallions over 2 years. 2 Mammoth Jacks.



AMERICA'S LEADING HORSE IMPORTERS!

EVERY FIRST PRIZE; except one, at the Universal Exposition, Paris in 1900. NINETEEN MEDALS at the Great Percheron Show at Nogent-le-Rotrou in 1901. THIRTY-FIVE MEDALS at the Great Annual Show of France at Nantes and other shows throughout the Draft Horse Breeding Districts of that country. THE LARGEST SINGLE IMPORTATION ever made by ANY FIRM now in business just received at our stables.

McLAUGHLIN BROTHERS, SIXTH AND WESLEY AVES., COLUMBUS, OHIO.

PERCHERONS.

J. W. & J. C. ROBISON, Importers and Breeders, TOWANDA, BUTLER CO., KANS.

LARGEST HERD IN THE STATE. IMPORTED, AND AMERICAN BRED STALLIONS AND MARES For Sale at all times.

Prices reasonable. Inspection invited. Seventeen young stallions for sale.



50 SHORTHORN BULLS FOR SALE.

THE BILL BROOK HERD OF REGISTERED SHORTHORNS HAVE ON HAND FOR READY SALE FIFTY YOUNG BULLS, from 6 to 20 months old; also a few good heifers. Address H. O. TUDOR, Holton, Kansas.

GALLOWAYS.

Largest Herd of Registered Galloways in Kansas Young Bulls, Cows, and Heifers For Sale.

E. W. Thrall, Eureka, Kansas

...IDLEWILD HERD OF...

Shorthorn Cattle.

Owned by W. P. HARNED, Vermont, Mo.



200 HEAD. NO BETTER BREEDING FEW BETTER CATTLE

Cruickshank's Booth Lancaster, and Double Marys represented, with preponderance of Cruickshanks. IMP. GOLDEN THISTLE, by Roan Gauntlet, dam by Champion of England.

THE IMPORTED COW is the dam of Godoy, my chief stock bull, he by Imp. Spartan Hero, he by Bampton. Godoy is closer to the greatest Sittyton sires than any living bull except his full twin brother. For Ready Sale—25 Bulls, 12 to 18 months old, and 40 Yearling Heifers to sell at drouth prices. Railroad Station, Tipton; main line Missouri Pacific; Vermont, Mo., on branch Missouri Pacific.

GEO. W. NULL, Odessa, Mo., LIVE STOCK AUCTIONEER.

Have sold for, and am booking sales for leading stockmen everywhere. Write me before claiming dates. I also have Poland-China swine, Bronze turkeys, B. P. Rock, and Light Brahma chickens. 150 birds, and a lot of pigs ready to ship. Write for Free Catalogue



# American Royal Shows and Sales

**Stock Yards, Kansas City, October 21-26, 1901**

**Herefords,  
Shorthorns,  
Galloways.**



**Under Auspices  
National  
Associations**

**GRAND SHOWS FOR \$20,000 PRIZES**

**SALES--150 Herefords Sell October 22, 23, and 24.**

**80 Shorthorns Sell October 23 and 24.**

**50 Galloways Sell October 25. BEEF BREEDS CATTLE.**

For Sale Catalogues, address **C. R. THOMAS, Gen'l. Supt.,**  
Excursion Rates on all Railroads. **KANSAS CITY, MISSOURI.**



## Nebraska Aberdeen-Angus Sale!

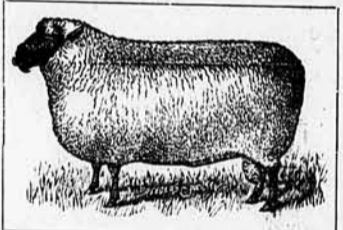
**AT HUMBOLDT, NEBRASKA, FRIDAY, OCTOBER 25, 1901.**



### Harding & Bewick Close Out Their Noted Prairie Lawn Herd

56 head of breeding cattle in nice breeding thrift—20 calves sold at foot of dam. All cows and 2-year-old heifers are bred—cows with calves are rebred. Good scale, market topping quality, fine Angus character—these features strongly characterize our herd. The Mattinson bred bull, Leon H. 30852, at head of herd. All calves are his get. They would be a credit to any sire. Yearlings and 2-year-olds by the Bridgeford-bred bull, Percy of Oakridge 25472, a fine lot they are. Every cow a good mother. Come and see cattle on sale day. Big tent, big crowd, big lunch. Catalogue now ready. Write for it. Come early.

185 head of high-grade Shropshire sheep sold in lots of 10 or 15 to suit buyer; also 170 Poland-Chinas. These all sold in A. M.  
**COL. F. M. WOODS, Auctioneer. HARDING & BEWICK, Owners. CHAS. ESCHER JR., Mgr.**



**Gudgell & Simpson,**  
Independence, Mo.,  
..BREEDERS AND IMPORTERS OF..

### Herefords

One of the Oldest and Largest Herds  
in America.

**ANXIETY 4TH** Blood and Type Prevail

LAMPLIGHTER 51834.

Both Sexes, in Large or Small Lots, Always For Sale



**STEELE BROS.,** Belvoir, Douglas Co., Kans.,  
Breeders of **SELECT**

### HEREFORD CATTLE.

YOUNG STOCK FOR SALE. INSPECTION OR CORRESPONDENCE INVITED.

### T. K. Tomson & Sons,

\* \* Proprietors of \* \*

### Elderlawn Herd of Shorthorns.

DOVER, SHAWNEE COUNTY, KANSAS.

GALLANT KNIGHT 124468 in service. How would you like a cow in calf to, or a bull sired by, Gallant Knight 124468? His get won 14 prizes at the National Cattle Show held at Kansas City last October. 100 head in herd. Correspondence and inspection invited.

### Sunny Slope Herefords

...290 HEAD FOR SALE...

Consisting of 200 Bulls, from 8 months to 4 years old, and 90 yearling heifers. I will make very low prices on bulls, as I desire to sell all of them before May 1. Write me, or come at once, if you want a bargain.

**C. A. STANNARD,** Emporia, Kans



## Valley Grove Shorthorns

THE SCOTCH BRED BULLS

**LORD MAYOR 112727, and LAIRD OF LINWOOD 127149**

HEAD OF THE HERD.

LORD MAYOR was by the Baron Victor bull, Baron Lavender 2d, out of Imp. Lady of the Meadow, and is one of the greatest breeding bulls of the age. Laird of Linwood was by Gallahad out of 11th Linwood Golden Drop. Lord Mayor heifers bred to Laird of Linwood for sale. Also breed Shetland ponies. Inspection invited. Correspondence solicited. A few young bulls sired by Lord Mayor for sale.

Address **T. P. BABST, Prop.,** Dover, Shawnee Co., Kans

## Agricultural Matters.

### Good Work Done by Coburn for Kansas.

FROM THE TWENTIETH CENTURY FARMER.

As suggestive of the manner in which an institution may expand from an humble beginning to a foremost rank the Kansas Department of Agriculture affords a striking illustration. All Kansans are proud of the work of the agricultural department of the State. Its present high standard is due to the good work of Secretary F. D. Coburn, who is recognized as one of the leading authorities of the country on farm statistics.

Mr. Coburn was born in Jefferson County, Wisconsin, in 1846. His paternal ancestors were of the straight New England Yankee stock, yet his maternal ancestors belonged to the pioneer stock that hewed down the forests, drove back the Indians, and made the land smile between the frowns of the Rockies and Alleghenies. He has followed the pursuits of a great many strong men of his generation; taught a country school, borne arms in defense of his country in two union regiments from Illinois as an enlisted man, been a farmer, split rails, and edited newspapers—the Kansas Live Stock Indicator especially, for six years. He became secretary of the Kansas State Board of Agriculture in 1881, the first time; he was a farmer and stock-raiser in Franklin County, Kansas, beginning there as a farm hand, upon his discharge from the army, while yet a boy of 20. He was for three years president of the board of regents of the State Agricultural College, and has been four times elected secretary of the State Board of Agriculture—on the last two occasions by acclamation. At the recent national corn congress in Chicago, called to promote the wider use of corn in this and foreign countries, with representatives from 25 States, he was unanimously chosen its president.

When President McKinley was looking about for a man for Secretary of Agriculture the friends of Mr. Coburn enthusiastically urged his name for the position. He was endorsed with practical unanimity by the stockmen and farmers of the transmissouri region for that position in the cabinet. Among these endorsements was a personal letter from every Republican Senator and Representative in the Kansas Legislature, resolutions passed unanimously, regardless of politics, by the Kansas Improved Stock Breeders' Association, the Kansas State Swine Breeders' Association, the Oklahoma Stockmen's Association, the Kansas City Live Stock Exchange, the Kansas State Editorial Association, and the Kansas State Board of Agriculture.

#### PRACTICAL, HELPFUL LITERATURE.

While no radical change in conducting the work of the State Board of Agriculture was made by Mr. Coburn upon assuming the duties of secretary in 1894, yet the ninth biennial report differed somewhat widely from its predecessors, his aim being to make it more nearly a practical, helpful agricultural work for Kansas people, rather than so especially an immigration document. His first quarterly report, issued in September of 1894, contained the agricultural and live stock statistics for the year, but was otherwise devoted to a single, and at that time a very pertinent subject, "Feeding Wheat to Farm Animals"—the first investigation ever made along this line. The volume was in great demand and the edition was quickly exhausted. This publication was the first of a series of quarterlies which has given such wide fame to the reports of the Kansas board, commonly known as the "Red Line Series." Previously the quarterlies, although of great excellence, had, with few exceptions, possessed no special identity, but beginning with that issue each one since has been individualized.

At this time wonderful interest was

## FARM WAGONS

wears longer and looks nicer than any other wagon. Insist upon having it. If your dealer don't handle it and will not get it for you, write to us. "We will do the rest."

THE TIFFIN WAGON CO.,  
Tiffin, Ohio, or Kansas City, Mo.

The Western Farmer or Teamster who neglects to investigate the new Tiffin Wagon is not alive to his own interest. It runs easier,

evinced in the introduction of the alfalfa plant, which was hailed by the people of the western two-thirds of the State as a great promoter of prosperity. In November an edition of 10,000 copies of a quarterly devoted exclusively to the culture, uses and worth of alfalfa was exhausted within a week after its printing. From that time until the present the various Coburn books have met a hearty reception from Cork to Cape Town, by farmers, stockmen, millers, grain-dealers, boards of trade, and other commercial bodies, besides universities, colleges, experimental stations, and scientists. Unlike most reports on agricultural subjects, they are interesting as well as instructive, on account of the peculiar stamp of originality with which their author marks them.

#### WORLD-FAMOUS SERIES OF REPORTS.

Below is a detailed list to date of the quarterly reports of this world-famous series, together with a synopsis of their objects and contents:

"Feeding Wheat to Farm Animals;" its practice in Kansas, and something of its bearing upon agriculture and stock-raising; 208 pages, eight illustrations.

"Alfalfa Growing;" history, characteristics, cultivation, worth, and uses of alfalfa; discussed by scientific observers and practical growers in the twelve alfalfa-producing States and territories of America; 230 pages.

"Alfalfa, Irrigation, Well Water Supply and Subsoiling;" a discussion of al-

ter, and complimentary letters, containing expressions of the highest appreciation of the Board's work have been received from various dignitaries abroad as well as at home.

So satisfactory has been the Kansas system of organization for the advancement of the agricultural interests that other States are frequently asking for facts concerning it and constantly endeavoring to effect the adoption of a similar plan. Except in a few instances the principal work of similar departments in other States is the conduct of a State fair, little particular effort to aid the individual farmer being made.

The States of Indiana, Illinois, New York, Pennsylvania and Ohio employ approximately the same methods as those of Kansas. Iowa also founded hers on a similar basis one year ago, after overcoming many difficulties, the and possibilities of the cow, and counsel as to her selection, breeding, and management; 264 pages, 36 illustrations.

"The Beef Steer (and His Sister)"—Beef production; methods of its masters in Kansas and elsewhere, and its close relation to Kansas prosperity. 282 pages, 43 illustrations.

"The Plow, Cow, and Steer."—Devoted to soil and crop culture, as found most suitable in Kansas, together with information as to better utilizing the cow and her products, the more profitable production of beef, wool, mutton, and poultry and a higher order of home-making. 200 pages.

"Pork Production."—A discussion of modern swine, swine-rearing and econ-

went before them myself with all the reports I could get of your board. I had my arms filled with them and laid them down, and beside them I laid our Iowa agricultural reports, and showed how they compared. Some one of the members, when I got through, said that our report was nothing but an account of a trotting-horse association. I don't know whether it was my eloquence or Mr. Coburn's reports, but I got a unanimous report from that committee in favor of a State board of agriculture, founded as this one is, and we have today instead of a State agricultural society whose whole scope and aim is to hold a State fair, a State board of agriculture, and I blush to say we are following where you led."

#### KANSAS REPORTS FOR TEXT BOOKS.

The State universities of Wisconsin, Ohio, and Minnesota, Cornell University of New York and the agricultural colleges of Michigan, Massachusetts, Nebraska, Colorado, Iowa, Texas, Oregon, Kansas, North Dakota, and South Dakota are using the Kansas reports in their classes in agriculture, dairying and animal husbandry, the books being furnished to the limited extent possible at their special request. The applicants, in justification of their request, generally explain that these works are the best authorities obtainable upon the respective subjects treated.

Of the man who has done most to achieve distinction and win added laurels for the Kansas department during the last decade it may be said he is a master in his line of work. To a brain naturally endowed with depth and originality, he has added untiring industry—his predominant characteristic. His unflinching perseverance is for tangible results—to accomplish and to benefit; these are the prime objects and aims of his labor.

Perhaps the oddest feature of the Pan-American Cattle Show is a consignment of wild range steers direct from the Canadian Northwest. They are sent as an advertisement of what can be accomplished in that country without shelter or additional feed. Some of these animals are fat enough for beef and they are all large and heavy. Their weight will range from 1,300 to 1,800 pounds each. Cowboys accompanied them with their plains outfit of ponies and lassoes, but they deemed it necessary to build a wire corral to extend from the cars to the enclosures as they could afford to take no chances with such wild stock.

#### Dewey's Way.

"I wonder how Admiral Dewey will start that court of inquiry?"  
"I suppose he'll look around and say, 'You may begin firing, gentlemen, when you are ready.'"—Cleveland Plain Dealer.

## I Will Cure You of Rheumatism.

### No pay until you know it.

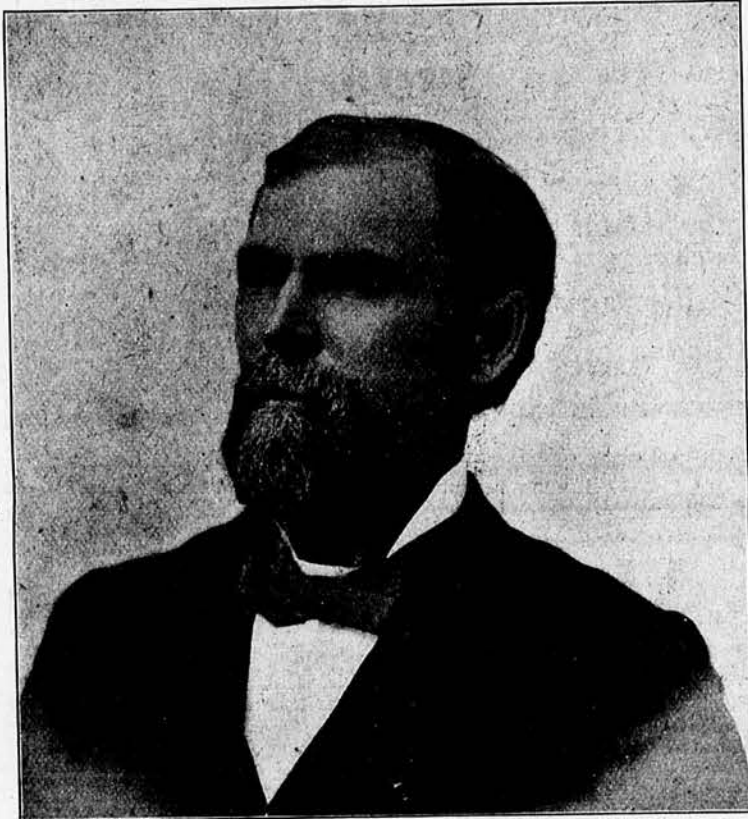
After 2,000 experiments, I have learned how to cure Rheumatism. Not to turn bony joints into flesh again; that is impossible. But I can cure the disease always, at any stage, and forever.

I ask for no money. Simply write me a postal and I will send you an order on your nearest druggist for six bottles of Dr. Shoop's Rheumatic Cure, for every druggist keeps it. Use it for a month, and if it does what I claim pay your druggist, \$5.50 for it. If it doesn't I will pay him myself.

I have no samples. Any medicine that can affect Rheumatism with but a few doses must be drugged to the verge of danger. I use no such drugs. It is folly to take them. You must get the disease out of the blood.

My remedy does that, even in the most difficult, obstinate cases. No matter how impossible this seems to you, I know it and I take the risk. I have cured tens of thousands of cases in this way, and my records show that 39 out of 40 who get those six bottles pay, and pay gladly. I have learned that people in general are honest with a physician who cures them. That is all I ask. If I fail I don't expect a penny from you.

Simply write me a postal card or letter. Let me send you an order for the medicine. Take it for a month, for it won't harm you anyway. If it cures, pay \$5.50. I leave that entirely to you. I will mail you a book that tells how I do it. Address Dr. Shoop, Box 529, Racine, Wis.



Secretary F. D. Coburn, Who Has Made the Kansas Department of Agriculture Famous the World Over.

falfa, or lucern; irrigation as applicable to Kansas; notes on some western Kansas wells and their water supply; subsoiling and the natural distribution of roots in soils; 225 pages, 10 illustrations.

"Corn and the Sorghums." Part I—Corn, its cultivation, utilization, cost and values, more especially from a Kansas standpoint. Part II—The sorghums, their cultivation and value for forage and grain, estimated by Kansas growers and feeders; 230 pages, 32 illustrations.

"The Helpful Hen"—Farm Poultry: Its rearing, management, and marketing, especially as applicable to Kansas conditions and by Kansas people. 254 pages; 30 illustrations.

"Cow Culture;" devoted to the promotion of dairy interests, a better appreciation of the importance, products, most appreciated; information upon their origin, history, characteristics, and merits; for the farm, range, feed-lot, shambles, and dairy. 216 pages; 39 illustrations.

"Hereford Cattle"—in press.

In 1895 the regular decennial census of the population of the State was taken and compiled under the direction of Mr. Coburn, and while its inquiries and returns were not nearly so much in detail nor so comprehensive as those of the United States census, the results were among the most satisfactory ever achieved in a strictly State census.

To-day the Kansas Department of Agriculture is probably the most highly regarded institution of its kind in any State, if not in any country. Not only is this true, but it is recognized as such by prince and plebeian alike the world

omical and profitable pork-production, particularly under conditions existing in Kansas. 228 pages; 42 illustrations.

"The Modern Sheep"—Devoted to information upon the rearing and management of sheep for wool and mutton, and the advantages and possibilities of sheep husbandry in Kansas. 264 pages; 37 illustrations.

"The Horse Useful"—Devoted to the interests of those who breed, care for, use and appreciate the horse, and to the horse himself—his improved breeding and more humane treatment. 244 pages; 45 illustrations.

"Forage and Fodders"—A discussion of the production, uses, and values of various pasture and fodder plants, especially those found best suited to the purposes of Kansas farmers and stock-growers. Treated under the one general term "Grass," and from the standpoint that "all flesh is grass." 304 pages; 75 illustrations.

"Dairying in Kansas"—Devoted to dairying in Kansas and its prosperity, with suggestions for the best management of the cow and her product. 84 pages; 21 illustrations.

"Shorthorn Cattle"—Favorites on two continents wherever beef and milk are story of which was related by Hon. John Cownie during his recent visit to Topeka to address the thirtieth annual meeting of the board. He said in part: "For the last dozen years I have been before the committee in the Iowa legislature endeavoring to have our laws changed and only last winter succeeded. In making my argument before the committee, after it had voted unanimously not to change the old law, I

























In the Dairy.

Conducted by D. H. Otis, Professor of Dairy Husbandry, Kansas Experiment Station, Manhattan, Kans., to whom all correspondence with this department should be addressed.

How to Make Good Butter on the Farm.

In the following discussion of how to make good butter no attempt is made to cover the entire ground, but only to mention a few salient points without which it would be impossible to make good butter.

The private dairyman can learn a great deal from his creamery brother. The latter has made the subject of butter-making a life study and many of the things that he has discovered can be applied to advantage on the farm.

RIPENING OF CREAM.

High flavor or quick aroma of butter is due to the decomposing of the milk sugar, forming lactic acid, which is possibly the result of a series of germs that get into the cream during the process of ripening (souring).

On the farm, milk or skim-milk are the starters, most easy to procure. Select a good healthy cow, put her milk into a well scalded can and keep at a temperature of 85 to 90 degrees until it becomes clabbered.

CHURNING.

If the local market calls for colored butter the coloring matter should be put into the cream as soon as the latter enters the churn.

At no time of the year should we attempt to give butter any higher color than this.

Cream should be churned at as low a temperature as possible and have the butter come in from one-half to one hour. Warm cream and rapid churning means a large amount of butter lost in the buttermilk, and also causes soft butter, which is very hard to handle.

SALTING AND WORKING.

The amount of salt should be varied according to the demands of the market; usually an ounce to the pound is sufficient. This salt should be of the finest and best quality and should be thoroughly incorporated into the butter granules, and usually, after slight working, the butter should be allowed to stand several hours in order that the salt may become dissolved and thoroughly distributed through all portions of the butter.

BUTTER PACKAGES.

For private dairying there are probably no better packages than the pound print wrapped in parchment paper. It is well to have a brand engraved in the print which will leave its impress upon every pound of good butter sold;

A Model Private Dairy.

A. H. SANDERSON.

I have three main reasons for selecting this subject. First, I have always lived on a farm, where dairying was carried on to a limited extent, and therefore I am somewhat acquainted with the subject.

The private dairy which I wish you to think of is one operated by a farmer, exclusively on the farm. You may laugh at this idea of a farmer being able to run a dairy. He must not be a backwoods farmer, but a well educated, practical farmer, like those who graduate from the agricultural course in our college.

In treating the subject I am supposing that there are two men working 160 acres of land, and as this alone does not furnish sufficient work for them both, they have decided to take up dairying, thus having a home market for everything grown on the farm.

The dairy herd is composed of general purpose cows, mostly mixed Shorthorns and Herefords. By means of the Babcock test and the scales the poor cows are eliminated from the herd, while better ones are put in their places.

not pampered up as some pure-bred animals are.

At night during the winter time and always while being milked, the cows are tied in the barn. They thus have shelter from the cold and storms, and in the summer they are protected from the flies while being milked.

In this milk-room is kept a spring scale on which each cow's milk is weighed, and the weight is then recorded on a balance-sheet on the wall. This may seem a great deal of trouble at first, but it requires only a moment's time, and some valuable information is thus obtained.

This is a small building of one room with a shed on one side, situated at a safe distance from all barns and yards, but close to the well so that all water for the stock must pass through a box in this room to cool the milk and cream when desired.

The milk is separated as soon as it is brought in, as it is then in the best condition to separate, and it does not need to be heated any except in very cold weather.

(To be continued.)

Value and Use of Starters.

M. H. MATTS.

The use of either pure cultures or home-made starters are beneficial in overcoming any bad germs that may be present, and should give to butter a clean, mild flavor, impart to it a better and longer keeping quality, produce a more uniform produce, facilitate churning, increase the yield of butter and eliminate certain butter defects.

Rich as well as pasteurized cream requires more starter than thin or unpasteurized cream. The reason for this can readily be seen. No standard can be given that will fit all cases; all the way from 5 to 40 per cent starters are being used, depending on the condition of the cream and the length of time for it to ripen in.

For starters, whole milk, skim-milk, or buttermilk can be used, though skim-milk is most generally used. It is prepared by thoroughly sterilizing fresh skim-milk; then cooling to the desired temperature, or from 70 degrees to 80 degrees F., and inoculating with the desired culture.

As long as the public taste remains where it is, just so long will ripened or sour cream butter be in demand, and ripened to a certain degree of fineness requires skill to produce the proper development of acid, flavor, and aroma.

To make cows pay, use Sharples Cream Separators. Book "Business Dairying" and Catalogue 287 free. West Chester, Pa.

CREAM SEPARATORS

De Laval "Alpha" and "Baby" Separators First-Best-Cheapest. All Styles-Sizes. PRICES \$50 TO \$800. Save \$10 per cow per year. Send for Catalogue THE DE LAVAL SEPARATOR CO. RANDOLPH AND CANAL STS., CHICAGO 74 CORTLANDT ST., NEW YORK

Testing Dried Blood.

S. J. NORTON.

To the Dairy Editor: Your college press bulletin, No. 90, in regard to "Dried Blood," came to hand, and was filed, but unread. A few weeks since I saw a pile of pamphlets, or advertising folders, lying in one of the windows of the First National Bank.

Can you not induce people to read the bulletin, and dealers to keep dried blood in stock?

Would be too Expensive.

Two of our prominent citizens who live within a thousand miles of where the writer is domiciled, met in the public road the other day, when the following conversation occurred:

"What is the news?" "They've captured Aguinaldo." "Captured who?" "Aguinaldo." "What's he been doing?" "Killing folks." (Excitedly.) "Who has he killed?" "Oh, lots of people." "Where is the scoundrel?" "He's in jail." (More excitedly.) "Let's get a crowd and lynch him." "It would be too expensive." "Expensive! What's going to make it expensive?" "He's too far off." "Why, ain't he in Moultrie jail?" "Not a bit of it." "Well, where is he then?" "He's in jail at Manila." "You mean Camilla, don't you?" "No, I mean what I say." "How far is it?" "About 8,000 miles." "Get up, Jack!" As he moved on he was heard to ejaculate: "Got no time to talk with every fool I meet in the road. Eight thousand miles! Why that's clean outside of Gregory. Aguinaldo? Don't believe there's such a man in the world. Never heard of such a place as Manhiller before. These fellows what don't do nothing but read newspapers are mighty smart. Get up, Jack; lost half an hour talking with that slothead when I ought to have been home planting taters."—Moultrie Observer.

Advertisement for Sharples Cream Separator with image of the machine and text: A DAIRY IS NOT COMPLETE WITHOUT AN IMPROVED U. S. SEPARATOR. It stands at the head, others have to take a back seat. "The kind that gets all the Cream." Strictly up to date in every way. We furnish complete outfits of Dairy and Creamery apparatus. Write for Illustrated Catalogues. 229 V.T. FARM MACHINE CO., BELLOWS FALLS, VT.

Advertisement for Empire Cream Separator with image of the machine and text: A Really Easy Cream Separator. Easy to Turn, Easy to Clean, Easy to Buy, Easy to Make Pay. That describes the Empire Cream Separator, with its new bowl—the bowl which has solved the separating problem. It has very few parts; it is of small diameter, and is extremely light. It gives the milk several distinct separations. Send for our catalogue for 1901; it tells lots of things about Separators. UNITED STATES BUTTER EXTRACTOR CO., Bloomfield, N. J.



### Grange Department.

"For the good of our order, our country and mankind."

Conducted by E. W. Westgate, Master Kansas State Grange, Manhattan, Kans., to whom all correspondence for this department should be addressed. News from Kansas Granges is especially solicited.

#### NATIONAL GRANGE.

Master..... Aaron Jones, South Bend, Ind.  
Lecturer..... N. J. Bachelor, Concord, N. H.  
Secretary..... John Trimble, 514 F St Washington D. C.

#### KANSAS STATE GRANGE.

Master..... E. W. Westgate, Manhattan.  
Lecturer..... A. P. Reardon, McLouth.  
Secretary..... Geo. Black, Olathe.

The editor of this department will leave Kansas, October 7, for a visit in New England, previous to the meeting of the National Grange at Lewistown, Maine, in November. He will therefore be removed from his base of supplies for this department, and copy may be intermittent, but we hope not entirely absent.

The executive committee of the Kansas State Grange has decided to have the next meeting of the State Grange at Topeka, commencing the second Tuesday in December. Delegates should be chosen as soon as possible and work given them to do. Every delegate should have something to present for the consideration of the grange at the first day's session. Let us have a meeting for work that shall result in the increase and elevation of the order. Let every member come loaded, and fire at the first opportunity.

#### How to Keep the Subordinate Granges Strong and Active.

"Work to succeed." The grange that works is the grange that is foremost in our ranks, the one that drifts with the tide will be calling for help when life is nearly gone. It has often been said the grange is just what we make it, we join the grange and entrust our interests to its keeping, not as passengers on board a luxuriously appointed train, having no relation to its movement, except to pay the fare and be carried to the destination; but on board the grange train the members are not passengers alone, but engineers, conductors, and brakemen. They run the train as well as ride upon it, and if it runs to wreck they alone are responsible. MRS. F. D. SAUNDERS.

#### The Printed Program.

The printed program for the year is being adopted more and more. We think it a wise plan. The fact that it takes planning and preparation brings good results. The business man plans ahead, so should the lecturer. While every detail may not be carried out, the general plan may be. The great difficulty with the program being arranged from week to week, is the lack of preparation on the part of the members participating. As a rule a production to be worth much must be thought out, and this takes time for the most of us. I once heard a member say "he thought he could talk fifteen minutes on almost any subject given him." This may be true, but could the whole grange afford to take fifteen minutes to listen to it? One paper or address well prepared, giving the principles and facts, is worth a dozen talks in which opinions are merely given without preparation. C. M. FREEMAN.

#### Strengthening the Subordinates.

BY W. F. HILL, MASTER PENNSYLVANIA STATE GRANGE.

Were I to presume to answer your inquiry, "How to keep the subordinate granges strong and active?" I would say that I know only in part how to do it. But there are two requisites that occur to me as being of major importance:

First, a subordinate grange must feel its own importance. There is no other form of our entire organization that can exist unless the subordinate has been born and is living. County work, State achievements, or national accomplishments follow afterwards. The subordinate grange preceded them and always will do so. The value of these results is largely measured by the character of the subordinates in their character as to self-esteem, consistency, and persistency. When members are fully conscious of the importance of their grange they will respect it and love to work in it.

The grange must be useful. To entertain is not enough. It must serve the legitimate and varied interests of the farmers. It should provide for our folk's wants and supply them by mediums that we control ourselves and in our own interests. We have been

skinned long enough by insurance sharks, by wily commission merchants, and by people who "toil not, neither do they spin."

The subordinate grange invites strength and activity that will have the good things of life to be enjoyed by its members.

If it can not secure insurance, direct trade relations, fair consideration by law, etc., it will set up a howl, increasing it in force until the farmer is recognized. It will be happy in doing this work in its own behalf.

I believe in work—solid work—for a grange. There are more granges that do too little than too much for their best good.

#### Topics for Fourth Quarter by National Lecturer.

General Topic.—The Farm Home.

October.—What are the advantages of a home upon the farm over the advantages of a home elsewhere?

November.—What can we do to make our farm homes more convenient, comfortable, and attractive?

December.—What influence is exerted by the rightly-conducted farm home upon the character and success in life of boys and girls reared in those homes?

Supplementary Topics.—What are the advantages of shade trees around the farm home, and what varieties should be set? What books should find a prominent place in the farm home, and what of their importance? To what extent should the farmer keep a cash account of each crop grown, and each kind of stock upon the farm?

#### Pasturing Sorghum and Kaffir-corn.

EDITOR KANSAS FARMER:—So much has been written and printed about the loss of cattle from sorghum and Kaffir-corn that I hesitate to add anything to that seemingly out-worn subject. Perhaps no subject has been more discussed to so little purpose. The real cause of death has not been ascertained and no remedy has been proven successful. I have not seen the fact noted that death results from two distinct causes. Cattle may bloat from eating sorghum or Kaffir-corn in the same manner as from eating clover. Death may follow but the application of the trocar is a sure remedy if used in time. But bloating is not a frequent trouble. Perhaps nine-tenths of the losses are from some other cause, probably poisoning. The animal does not bloat. He may eat the plant on a full stomach or an empty stomach, and die just the same. The trocar may be applied and no relief whatever be obtained. I have opened the rumen after death and found the stomach full of grass and a few blades of the sorghum. I have found, again, mostly sorghum, the animal having nearly filled up with it before running across the fatal blades. I have had hundreds of cattle feed to their fill on sorghum and Kaffir-corn at nearly all stages of growth and suffered no loss. And then again I have seen them drop down all around me from eating a few blades. I have observed, however, that my losses from poison have been from eating the plant when less than a foot high. What has been the experience others? I have had cases of bloat from the mature plant and even after it was nearly cured after cutting. But as I have before said, bloating is rare from eating sorghum or Kaffir-corn. Lincoln, Kans. C. B. DAUGHTERS.

#### His Last Speech at Canton.

On the eve of his departure for Washington, to be the second time inaugurated as president, Mr. McKinley, in a public address said:

"Nothing could give me greater pleasure than this farewell greeting—this evidence of your friendship and sympathy, your good will, and, I am sure, the prayers of all the people with whom I have lived so long and whose confidence and esteem are dearer to me than any other earthly honors. To all of us the future is as a sealed book; but if I can, by official act of administration or utterance, in any degree add to the prosperity and unity of our beloved country, and the advancement and well-being of our splendid citizenship, I will devote the best and most unselfish efforts of my life to that end. With this thought uppermost in my mind, I reluctantly take leave of my friends and neighbors; cherishing in my heart the sweetest memories and thoughts of my old home—my home now, and, I trust, my home hereafter, so long as I live."

"The man who has learned how to make love has a big advantage over the one who hasn't."

"In what way?"

"Well, no girl will ever trust him enough to marry him."—Life.

## HELLO!!

Have you ordered your telephone? Don't put it off until farm work makes you forget it. An accident, a sickness, a sudden turn in the market may make your forgetfulness very costly. We make quick shipment and there is no trouble in installing it. A bright boy can do it.

### The Farmer's Telephone Costs You \$11

It's yours. You own it for life without making any further payments. Not controlled by any trust. No rent to pay. Wire and poles at lowest prices.

AGENTS WANTED—To solicit farmers in neighborhoods not already taken. Thousands in use. Sell wherever known. Best thing for the farmer ever invented. Write for special terms to agents, booklets, etc.

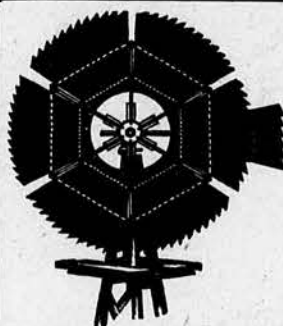
Send us your name and that of your nearest neighbor and the shortest distance from your house to his and we will send you full particulars and facts on Telephone construction worth while knowing.

KELLOGG SWITCHBOARD & SUPPLY CO., 252 S. Green St. CHICAGO.



### LIGHTNING HAY PRESSES

HORSE AND STEAM POWER CATALOGS FREE  
KANSAS CITY HAY PRESS CO  
129 MILL ST KANSAS CITY MO



### THE ECLIPSE WIND MILL

—IS—  
Better Made, Wears Longer,  
Does More Work,  
Costs Less for Repairs,  
Than any other Wind Mill made.

Manufactured by  
Fairbanks, Morse & Co.,  
KANSAS CITY, MO.

Write for Circular.  
Address P. O. Station A.A.

### The Brinkman Reinertsen Co.,

609 Board Trade, - - - KANSAS CITY, MO.

Receivers **GRAIN** Exporters

Special Departments for Consignments and Options.

Solicit Consignments and Execute orders (1000 and upwards) in Futures in the Kansas City market.

Reference: National Bank Commerce American National Bank



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for selling 24 boxes Salvona Soaps or bottles Salvona Perfumes. To introduce our Soaps and Perfumes, we give free to every purchaser of a box or bottle, a beautiful cut glass pattern 10-inch fruit bowl, or choice of many other valuable articles. To the agent who sells 24 boxes soap we give our 50-piece Dinner Set full size, handsomely decorated and gold-lined. We also give Curtains, Couches, Rockers, Parlor Tables, Sewing Machines, Parlor Lamps, Musical Instruments of all kinds and many other premiums for selling Salvona Soaps and Perfumes. We allow you 15 days to deliver goods and collect for them. We give cash commission if desired. No money required. We prepay all Freight Charges. Illustrated catalogue free. Write to-day, SALVONA SOAP CO., Dept 165, ST. LOUIS, MO. (We can personally assure our readers that the Salvona Soap Co. is thoroughly reliable and trustworthy.—Editor.)

### ...FOR SALE--KEEPS YOU WARM.



..\$2.05..

Air Tight Wood Stove—12x16x14 Inches

Freight about 25 cents; weighs 30 pounds.  
Has heavy 22 g. steel lining. Holds fire all night.

GUARANTEED—MONEY BACK IF IT DON'T SUIT.

OTHER SIZES:

14x18x16, \$2.40. 15x21x18, \$2.70. 16x24x21, \$3.25.

Get One for Cold Weather.

FREE—Our Catalogue of Farmers' Needs.  
Repairs for any stove made.

STIMSON & CO., KANSAS CITY, Station MISSOURI, MO. A.A.

We sell direct to you at Wholesale Prices, anything you want

WHEN WRITING ADVERTISERS MENTION KANSAS FARMER.

MARKET REPORTS.

Kansas City, Oct. 7.—Cattle—Receipts, 2,258; calves, 665. The market was steady but slow on the medium grades. Representative sales:

SHIPPING AND DRESSED BEEF STEERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include various grades of beef steers.

WESTERN STEERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include western steers.

NEW MEXICO STEERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include New Mexico steers.

TEXAS AND INDIAN STEERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include Texas and Indian steers.

TEXAS AND INDIAN COWS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include Texas and Indian cows.

WESTERN COWS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include western cows.

NATIVE HEIFERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include native heifers.

NATIVE COWS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include native cows.

NATIVE FEEDERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include native feeders.

NATIVE STOCKERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include native stockers.

STOCK COWS AND HEIFERS.

Table with columns: No., Ave. Price, No., Ave. Price. Rows include stock cows and heifers.

Hogs—Receipts, 5,812. The market was steady to lower. Representative sales:

Table with columns: No., Av. Price, No., Av. Price, No., Av. Price. Rows include various hogs.

Chicago Live Stock. Chicago, Oct. 7.—Cattle—Receipts, 23,000. Good to prime steers, \$8.15@8.55; stockers and feeders, \$2.25@4.00; Texas steers, \$2.90@3.30.

Hogs—Receipts, 30,000. Mixed and butchers, \$6.35@6.70; bulk of sales, \$6.40@6.65.

Sheep—Receipts, 40,000. Good to choice wethers, \$3.35@3.70; western sheep, \$2.50@2.80; native lambs, \$2.50@4.75.

St. Louis Live Stock.

St. Louis, Oct. 7.—Cattle—Receipts, 4,500. Native steers, \$3.50@6.40; stockers and feeders, \$2.20@3.35; Texas steers, \$3.00@4.15.

Hogs—Receipts, 5,500. Pigs and lights, \$6.25@6.50; packers, \$6.00@6.50; butchers, \$6.60@6.85.

Sheep—Receipts, 1,000. Native sheep, \$3.00@3.45; lambs, \$4.00@4.50.

Omaha Live Stock.

Omaha, Oct. 7.—Cattle—Receipts, 3,500. Native beef steers, \$4.75@6.15; western steers, \$3.70@5.10; Texas steers, \$3.50@4.40; stockers and feeders, \$2.50@4.30.

Hogs—Receipts, 4,000. Heavy, \$6.47½@6.60; bulk of sales, \$6.47½@6.50.

Sheep—Receipts, 16,000. Common and stock sheep, \$2.50@3.15; lambs, \$3.50@4.35.

Kansas City Grain.

Kansas City, Oct. 7.—Wheat—Sales by sample on track:

Hard—No. 2, 65½@65¾c; No. 3, 64¾c. Soft—No. 2, 69¾c; No. 3, 68½@69c.

Mixed Corn—No. 2, 58½@59c; No. 3, 58@59c.

White Corn—No. 2, 59½@60c; No. 3, 59c. Mixed Oats—No. 2, 38¾c; No. 3, 38c.

White Oats—No. 2, 39c; No. 3, 38¾c. Rye—No. 2, nominally 57c.

Prairie Hay—\$5.00@12.50; timothy, \$8.00@14.50; clover, \$9.50@13.00; alfalfa, \$10.00@12.00; straw, \$5.00@5.50.

Cotton Seed Meal—\$25.00 ton in car lots.

Chicago Cash Grain.

Chicago, Oct. 7.—Wheat—No. 2 red, 69¼@69¾c; No. 3, 68@69c; No. 2 hard winter, 68¼@68¾c; No. 3, 67¾@68¼c; No. 1 northern spring, 69¼@70¼c; No. 2, 68¾@69¼c; No. 3, 65@68½c. Corn—No. 2, 56½c; No. 3, 56¼@56½c. Oats—No. 2, 38c; No. 3, 35½c.

Futures: Wheat—October, 67¾c; December, 69¼@69¾c; May, 73¼c. Corn—October, 55½c; December, 57¼c; May, 58¾c. Oats—October, 34¼c; December, 35½c; May, 37¼@37½c.

St. Louis Cash Grain.

St. Louis, Oct. 7.—Wheat—No. 2 red cash, elevator, 69¾c; track, 71@72¼c; No. 2 hard, 68¾c. Corn—No. 2 cash, 57¼c; track, 58c. Oats—No. 2 cash, 37½c; track, 38@38½c; No. 2 white, 39@39¼c.

Kansas City Produce.

Kansas City, Oct. 7.—Eggs—Fresh, 15¼c per doz.

Butter—Creamery, extra fancy separator, 19c; firsts, 16½c; dairy, fancy, 16c; packing stock, 11½c; cheese, northern full cream, 11@12c; Missouri and Kansas full cream, 10c.

Poultry—Hens, live, 7c; roosters, 15c each; springs, 7½@9¼c lb.; ducks, young, 6c; turkey hens, 6½c; young, weighing over 5 lbs., 7c; old toms, 5c; pigeons, \$1.00 doz. Choice scalded dressed poultry 1c above these prices.

Potatoes—80c@1.00 per bushel in small lots; car lots, 75@95c; sweets, 75@90c per bushel.

Fruit—Apples, \$1.00@3.00 per barrel; peaches, 40@50c per four-basket crate; pears, \$2.25 per box; cranberries, \$6.00 per barrel.

Special Want Column.

"Wanted," "For Sale," "For Exchange," and small or special advertisements for short time will be inserted in this column, without display, for 10 cents per line, of seven words or less, per week. Initials or a number counted as one word. Cash with the order. It will pay to try it!

SPECIAL.—Until further notice, orders from our subscribers will be received at 1 cent a word or 7 cents a line, cash with order. Stamps taken.

CATTLE.

BUY YOUR BULLS NOW! Pure-bred, non-recorded Hereford bulls, calves, and yearlings, suitable for very heavy service next year, at drouth prices. As fine as anybody's average registered stock. Write to-day. Also registered bulls. A. F. McCarty, Humboldt, Kans.

FOR SALE—Five registered Shorthorn bull calves, 10 cows and heifers; on account settling estate. Catherine E. Anderson, Admix., 153 North Ninth Street, Salina, Kans.

FOR SALE—Five Scotch-topped Shorthorn bulls, from 6 to 16 months old; 2 are from Gallant Knight, and took first and second premiums at the Rice County Fair. J. P. Engel, Alden, Kans.

SHORTHORN CATTLE SALE—I will offer at public sale, 1½ miles south of Marysville, at 2 o'clock p. m., on Tuesday, October 15, 17 registered Shorthorns, 19 high grade Shorthorns, and 8 thoroughbred Jerseys. Lewis Scott, Marysville, Kans.

FOR SALE OR TRADE—Forty head of dairy cows with or without the dairy business; also 80 head of stock cattle. Address C., care of Kansas Farmer, Topeka, Kans.

HORSES AND MULES.

FOR SALE OR EXCHANGE—Aged stallion, 16 hands high, weighs 1,175 pounds, nice driver, pace or trot, pacing record 2:27½, good disposition. G. A. Otwell, Independence, Kans.

FOR SALE OR TRADE—A good, young jack, and a young draft stallion. Would trade for pasture land. Write me at Agenda, Kans. H. Harbaugh.

FOR SALE OR TRADE—For cattle or sheep, the English Coach Stallion, Present Times. W. Guy McCandless, Cottonwood Falls, Kans.

PROSPECT FARM—CLYDESDALE STALLIONS, SHORTHORN CATTLE and POLAND CHINA HOGS. Write for prices of finest animals in Kansas. H. W. McAfee, Topeka, Kansas.

SHEEP.

FOR SALE—Shropshire rams and ram lambs. Well woolled and good constitution. Prices cut in two. Also a few young ewes. J. M. Slonaker, Garnett, Kans.

GRADE SHROPSHIRE and Merino ewes to put out on shares. Bucks and wethers for sale. W. Leghorn roosters 50 cents. W. W. Cook, Russell, Kans.

REGISTERED SHROPSHIRE RAMS for sale. Fine, lusty fellows and well woolled. Also a lot of good ewes at drouth prices. E. S. Kirkpatrick & Son, Wellsville, Kans.

SWINE.

FOR SALE—Two active yearling boars, sired by a son of Chief Tecumseh 2d, dam by Hadley Jr. One grandam is a 600-pound sow; the other grandam is an 850-pound sow. Geo. W. Maffet, Lawrence, Kans.

FARMS AND RANCHES.

BARGAINS IN FARMS—650-acre ranch, one mile from town, 110 acres in cultivation, 40 in alfalfa, 8-room house, large barns, good fences, spring water; price only \$9,000. 83 acres joins up to town, 3 acres cultivated. 80 acres grass, good house, barns, small orchard; income \$240 for 6 months; price \$2,400. 90 acres, 6 miles out, all the best of land, large house, barn, and orchard; a splendid home; price only \$27 per acre. If you want to buy, trade, or rent a farm write me fully what you want and amount of money you want to invest or make first payment, after receiving your letter if I haven't on my list what I think will suit you I will find it for you. John G. Howard, Land Dealer, Eskridge, Kans.

RANCH—1,040 acres, 240 cultivated, 80 blue grass, 140 hay, remainder best of pasture, never-falling water. This is the best ranch in central Kansas for the money. Price \$13,000. No. 372.

FARM—80 acres, 30 miles south of Kansas City, 70 acres cultivated, 10 blue grass, good soil, land lays well, good, comfortable improvements. Price \$2,000; \$600 cash; balance 6 per cent. No. 197.

FARM—150 acres, 30 miles northeast of Kansas City, all bottom land, comfortable improvements, orchard, \$40 per acre. No. 97.

FREE—Our Red Book of 100 Missouri River Valley improved farms. SIDNEY P. ALLEN, 15 East 9th St., Kansas City, Mo.

FOR SALE—200-acre farm 16 miles from Topeka, 3 miles from good town and railroad, 100 acres in cultivation, 40 acres stock pasture, 8 acres clover, fenced hog tight, 6 acres apple, 5 acres peach, 3 acres vineyard, nice shade trees. Balance meadow, 6-room house, 2 cellars, cistern, pump in kitchen, stone stable, cribs and granary, implement shed, stock shed, corrals, etc., 3 wells, hedge fences, nice, rolling upland, good soil, an excellent farm, cheap. Price \$32,500 per acre. R. A. Richards, sole agent, 111 West 6th St., Topeka, Kans.

THE OZARKS—Cheap homes for sale in the Ozarks, the land of the Big Red Apple. Address Geo. T. Meador, Cabool, Texas Co., Mo.

FOR SALE—480 acres, good, level unimproved land in Sec. 32 Tp. 21 R. 39, Hamilton Co., Kans., \$550. Taxes paid, title all right. A. H. Northcutt, Jetmore, Kans.

WHEAT FARMS—For sale or trade for cattle and horses. H. B. Hudson, Leland, Kans.

FOR SALE OR TRADE—160-acre improved farm, in central Kansas. A bargain. For full particulars, address Jno. Fox Jr. New Cambria, Kans.

Robinson's Great Sale

OF

Poland-Chinas

At Farm, 4 Miles South of Bates City, Mo., ON TUESDAY, OCTOBER 22, 1901.

60-HEAD-60

Twenty-one by Chief Perfection 2d 42599, four by Black Chief's Rival 19398, three by Ideal Sunshine, two by Missouri's Black Chief. (Look this way for herd headers.) Chief attractions: Miss Missouri's Black Chief, and litter of five August pigs by Chief Perfection 2d. Top Perfection, Standard Perfection by Chief Perfection 2d, U. S. Perfection, Now Perfection 24739, Missouri Sunshine by Ideal Sunshine, Missouri's Black Chief's Rival by Black Chief's Rival.

Write for Catalogue to J. T. ROBINSON, Bates City, Mo.

D. P. McCracken, H. O. Correll, Judge Thos. E. Chum, Auctioneers.

Send bids to H. A. Heath, representing the Kansas Farmer, Bates City, Mo., in care of J. T. Robinson.

German Coach, Percheron, and Belgium Horses.

OLTMANN'S BROS., Importers and Breeders, WATSEKA, ILLINOIS.

Three Importations in 1901. 100 Stallions For Sale.

No other firm enjoys such buying facilities: the senior member being a resident of Germany is personally acquainted with the best breeders in France, Germany, and Belgium. We can save you money. Come and see us. We shall exhibit at the International Live Stock Exposition, Chicago, Dec. 1-7, 1901.

PERSONAL TO SUBSCRIBERS.

WE WILL SEND to every subscriber or reader of the KANSAS FARMER, a full-sized ONE DOLLAR package of VITE-ORE, sufficient for one month's treatment, to be paid for within one month's time after receipt. If the receiver can truthfully say that its use has done him or her more good than all the drugs and dopes of quacks or good doctors or patent medicines he or she has ever used. READ this over again carefully, and understand that we ask our pay only when it has done you good, and not before. We take all the risk; you have nothing to lose. If it does not benefit you, you pay us nothing. Vite-Ore is a natural, hard, adamantine rock-like substance—mineral—ORE mined from the ground like gold and silver, and requires about 20 years for rock-like oxidation. It contains free iron, free sulphur and magnesium, and one package will equal in medicinal strength and curative value 800 gallons of the most powerful, efficacious mineral water, drunk fresh at the springs. It is a geological discovery, to which there is nothing added or taken from. It is the marvel of the century for curing such diseases as Rheumatism, Bright's Disease, Blood Poisoning, Heart Trouble, Diptheria, Catarrh, and Throat Affections, Liver, Kidney, and Bladder Affections, Stomach, and Female Disorders, La Grippe, Malarial Fever, Nervous Prostration, and General Debility, as thousands testify, and as no one, answering this, writing for a package, will deny after using.

This offer will challenge the attention and consideration, and afterward the gratitude of every living person who desires better health, or who suffers pains, ills, and diseases which have defied the medical world and grown worse with age. We care not for your skepticism, but ask only your investigation, and at our expense, regardless of what ills you have, by sending to us for a package. You must not write on a postal card.

In answer to this, address THEO. NOEL COMPANY, 527, 529, 531 W. North Ave., Chicago, Ill.

MISCELLANEOUS.

WANTED—Guns; buy, trade on new ones. Remodel, or repair any part of any gun made. Strictly high grade work. The largest line of modern guns in the State always on hand. Athletic sporting goods. Foot, and base ball supplies. Practical ideas developed, and patent models manufactured; any material, any model. H. B. Howard, 505 Kansas Avenue, Topeka, Kans.

WANTED—Alfalfa, millet, cane seed, kafir-corn, milo maize, and pop corn. If any to offer please correspond with us. Kansas Seed House. F. Barteldes & Co., Lawrence, Kans.

WOOL WANTED—We have just completed our New Woolen Mill in North Topeka and want at once 200,000 pounds of wool for which we will pay the market price. Write us if you have wool for sale. Western Woolen Mill Co., North Topeka, Kans.

FOR SALE OR TRADE—One large size (six roll) Keystone corn husker and fodder shredder mounted and complete; been used but one season. Can use good work team or registered Shorthorn bull. E. F. Gregory, Garnett, Kans.

WANTED—An experienced middle aged man to care for stallions and jacks, and work in a veterinary barn; must be of good size, and strong, sober, honest, and reliable. Good references required. Address W. H., care Kansas Farmer, Topeka, Kans.

BALMOLINE—Nature's Wonderful Healing Salve. Man or Beast. Druggists, 25 and 50 cents. Trial size 4 cents from B. H. De Huy, Ph. D., Abilene, Kans.

ALFALFA SEED—Crop of 1901, pure and fresh. Write for prices. McBeth & Kinnison, Garden City, Kas

FOR SALE—Feed mills and scales. We have 2 No. 1 Blue Valley mills, one 600-pound platform scale, one family scale, and 15 Clover Leaf house scales, which we wish to close out cheap. Call on P. W. Griggs & Co., 208 West Sixth Street, Topeka, Kans.

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Thoroughbred Hog Sale.

J. W. MEYERS will sell at PUBLIC AUCTION at his Klondike Stock Farm, ½ mile north and 1½ miles east of GALVA, KANSAS, on TUESDAY, OCTOBER 22, 1901, at 10 A. M. Sharp, 88 pedigreed and recorded Poland-China hogs, and 12 head of high-grade Shorthorn cattle.

Refreshments on the grounds, and free conveyance from and to passenger trains at Galva, Kans. Write for Catalogue

The Stray List.

For Week Ending September 26.

Cherokee County—S. W. Swinney, Clerk.

HORSE—Taken up by H. F. Rains, in Pleasant View tp., September 6, 1901, one black horse, 15 hands high, weight about 1,000 pounds, mane roached, star in forehead, both hind feet white, right front foot white, heel of left front foot white; valued at \$20.

Smith County—Jno. A. Crabb, Clerk.

MULE—Taken up by James Campbell, whose residence is northeast of section 7, in Pawnee tp., July 9, 1901, one light bay mare mule, 15 hands high, white nose, two light barb wire scars above left knee; valued at \$50.

For Week Ending October 3.

Nemaha County—A. G. Sauborn, Clerk.

SOW—Taken up by Mike Brock, in Granada tp. (P. O. Goffs), September 10, 1901, one black and white sow, about 1 year old; valued at \$10.

SHOATS—Taken up by same, three black and white shoats; valued at \$6.

TWENTIETH CENTURY HERD OF UP-TO-DATE, PRIZE-WINNING CHESTER WHITES

We have 70 pigs, mostly sired by Balance All 11327, the champion boar of 1900 at leading State Fairs and the International Live Stock Exposition. Address DORSEY BROS., Perry, Ill.

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GEO. HARDING & SON Importers and Breeders, WAUKESHA, WIS.

25 Imported, and 75 American Rams and 150 Ewes for sale. Our show flock at the Pan-American and all State Fairs this year was a sweeping success. Write us your wants and mention KANSAS FARMER.

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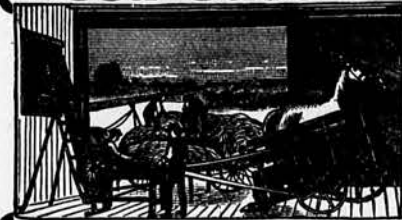
Herd Foundation Stock A Specialty. A few choice Females and 14 Bulls for sale. Inspection or Correspondence invited.

FLORIDA HOMES, FRUITS, Vegetables, and Stock. Send stamp for Sub-Tropic, Palatka, Florida.



**This Mill Does**  
all kinds of work fine on one set of grinders without injuring them. The Tandem Sweeps are easy on the horses.  
No Gearing. No Friction. It's different from all others. (Also make 7 sizes belt-power mills) 2 to 25 H.P.  
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Family of  
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Embraces for this season Cutters for Ensilage and Dry Fodder with Corn Shredding and Husking attachments. Chain or Independent Blower Elevators; Grinding Mills for Ear Corn and Small Grain; Root Cutters and Corn Shellers; Self Feed Drag Saws; Holting Mills. Also Big Line Farm Powers for operating. Feed Saver Catalogue and Silo Sense booklet mailed free to any one naming this paper.  
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25 designs, all steel. Handsome, durable. —Cheaper than a wood fence. Special inducements to church and cemetery. Catalogue free.  
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STEEL WIND MILLS, STEEL TOWERS, PUMPS, and CYLINDERS, TANKS, and FITTINGS OF ALL KINDS  
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H. L. RITCHIE, 604 N. Y. Life Bldg., Kansas City, Mo.  
Sketching, and photographing live stock a specialty. Write for particulars.



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This offer is made to quickly introduce the **ECONOMY TWO-MINUTE CHURN** in every community. We would ask that you show it to your neighbors who have cows, knowing that when they find how simple and durable it is, also that it will make butter from sweet or sour milk in two minutes' time, they will order one. Send us to-day your name and name of your nearest freight office.  
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The only separator on the market that does not MIX the milk and water, and sold under a positive guarantee. More Cream, Better Butter, Milk fine, and no labor at all. Get a SMITH. Agents wanted. Mention Kansas Farmer.  
Smith's Cream Separator Co  
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Bought at Reced 'ers' Sale. Sheets either flat, corrugated or "V" crimped. No tools except a hatchet or hammer needed to lay the roofing. We furnish free with each order enough paint to cover and nails to lay. Price per square, \$1.75  
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**\$100 REWARD**  
If 6 months' treatment don't cure any case of **Bad Health, Catarrh, Bad Blood, Bad Taste, Bad Breath, Bad Complexion, Irregular Appetite, Bowel Trouble, Weak Kidneys, Lazy Liver, Rheumatism, Dyspepsia, Headache, Backache, Stomach, or Heart Trouble.**  
The very best constitutional treatment in unhealthy seasons and places is **HUNT'S DIGESTIVE TABLETS.** One tablet per day, 1/2 hour before breakfast.  
One month's treatment by mail, 25 Cents.  
Six months' treatment, 180 tablets, \$1.00.  
Put up by **T. J. HUNT, Merom, Indiana.**

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Is quickly relieved and promptly cured by **Dr. Drummond's Lightning Remedies.**  
The internal remedy is pleasant to take, acts immediately, does not disturb digestion, and is for rheumatism only in all its torturing forms. The external preparation restores stiff joints, drawn cords, and hardened muscles. If your druggist has not these remedies in stock, do not take anything else. Send \$5 to the Drummond Medicine Co., New York, and the full treatment of two large bottles will be sent to your express address. Agents wanted.

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Through sleepers and dining cars. Parlor, observation smoking car on the 1.00 P. M. train.

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Order No. R135  
Price, \$7.25

State color of plush preferred. We supply Dark Green, Dark Red, Dark Blue or Brown. Dark Green is most popular and will be sent unless otherwise ordered.

An unusually large, luxurious couch, made of selected oak, or, if preferred, in mahogany finish, handsomely carved throughout, and supported by massive carved claw feet. It has six rows of deep hand-made tufts, fastened with the celebrated steel tufting buttons which cannot pull off or pull through the cover. It is well filled and contains the best grade of steel springs turned from special high-carbon wire, over which is placed heavy duck canvas instead of the burlap commonly used, the best grade of figured velour plush in all the staple colors being used for upholstery. From a sanitary point of view the open bottom presents a special feature. It allows good ventilation and a free circulation of air, which is disastrous to moths and germs.

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ON MONDAY, OCTOBER 21, 1901, AT  
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### 70 Head of Poland-China Hogs,

Consisting of 50 Spring Pigs of either sex, about equally divided, and 20 Extra Fall Sows, sired by A's Chief. They are very fancy. The Spring Pigs are by CHIEF ECLIPSE by Missouri's Black Chief, and R's Perfection by Chief Perfection 2d. My entire offering is up to the standard. Your presence is invited.

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On Kansas City Branch C. & A. Railroad.



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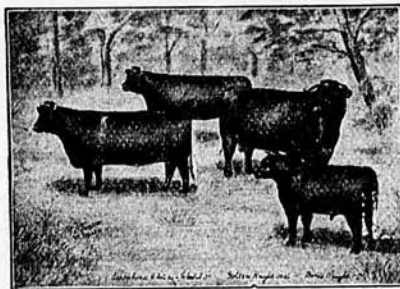
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Our old herd boar, Missouri Black Chief, was the sire of most of our prize-winners at the Missouri State Fair. Our herd boar, Missouri's Black Perfection by Missouri Black Chief, and out of a Chief Perfection 2d sow, won sweepstakes. I now offer for sale my 2-year-old herd boar, Missouri Black Chip by Missouri Black Chief and out of a dam by Chief I Am.

...Also, 100 Pigs of Similar Breeding...

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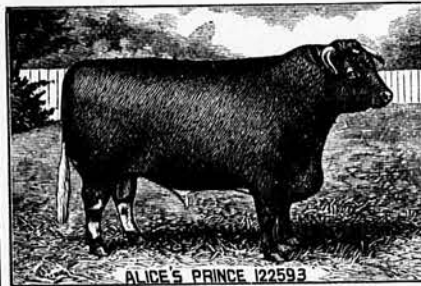
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