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KANSAS FARMER.

Established in 1863.

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ADVERTISING RATES.

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Special reading notices, 25 cents per line.
Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per agate line for one year.

Annual cards in the Breeders' Directory, consisting of four lines or less, for \$16.00 per year, including a copy of the Kansas Farmer free. Special rates for displayed live stock advertising.

Special Want Column advertisements, 10 cents per line of seven words per week. Cash with the order. Electrotype must have metal base.

Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.

To insure prompt publication of an advertisement, send cash with the order; however, monthly or quarterly payments may be arranged by parties who are well known to the publishers, or when acceptable references are given.

All advertising intended for the current week should reach this office not later than Monday.

Every advertiser will receive a copy of the paper free, during the publication of the advertisement.

Address all communications to
KANSAS FARMER CO.,
116 West Sixth Ave., Topeka, Kans.

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The experience and study of the season of 1904 shows that as a remedy for the cotton boll-weevil, Paris green has little value.

The forty-seventh annual meeting of the Missouri State Horticultural Society will be held at Neosho, in the southwest corner of the State, December 20, 21, and 22. The meetings are to be held at Scarritt College.

J. W. Cook, of Hutchinson, in a recent letter says: "We had a two-inch snow December 4, which was very beneficial to the wheat. Although the majority of the wheat is looking well, it is not growing very well. The last month the fly has damaged some of the early-sown wheat slightly. Corn is turning out well, making thirty to

sixty bushels per acre, with some pieces as high as seventy-five bushels per acre."

Secretary Coburn has issued his Christmas cards. On one side are tabulated the returns for Kansas agriculture for 1904. The other side contains one of Ingalls' unparalleled paragraphs on Kansas. The card is in Mr. Coburn's usual faultless taste.

Iowa is to have a State Drainage Convention January 13 and 14, 1905, at the Agricultural College, at Ames. The Kansas floods and the waters that produced them for the last two seasons should suggest a convention if there were any probability that they were amenable to convention decrees.

A Washington dispatch tells of a probable deluge of postal-cards to Congressmen and Senators from farmers urging the passage of some measure along the line of the President's recommendation for increasing the powers of the Interstate Commerce Commission. Such a course is likely to be effectual. It is hoped that farmers of this State will let their representatives at the seat of Government read their views. The Interstate Commerce Commission ought to have full power and to be charged with the duty of making the rates received by all railroads engaged on interstate business. Write to your Senators and Representatives giving them your views about it.

PLANT-BREEDING TO THE FRONT.

President Roosevelt has appointed Prof. Wm. M. Hays, of the Minnesota Agricultural College, to the position of Assistant Secretary of Agriculture, the place made vacant a few months ago by the death of Mr. Brigham. It had been hoped by many Kansans and by the stock interests generally that Mr. Geo. F. Thompson, of Manhattan, who has for several years been editor of live-stock publications of the Department of Agriculture, would receive the appointment.

Professor Hays' specialty has been the improvement of plants by breeding. His appointment is a recognition of the supreme importance of this work. It is hoped that he will be able to enlist the enthusiastic cooperation of all State experiment stations.

No other experimental work presents so favorable opportunities for attaining large results at small cost. Kansas tillers of the soil are in position to receive special advantages as this work shall progress along the lines of adapting plants to the peculiarities of our soil and climate.

PURE-BRED CATTLE FOR CUBA.

Dr. N. S. Mayo, Director of the Cuban Bureau of Animal Industry, and formerly State Veterinarian of Kansas and professor of veterinary science at the Kansas Agricultural College, has lately visited this country for the purpose of buying a number of herds of pure-bred cattle of various breeds as a foundation for what it is hoped will be one of the most prominent industries on the Island. In company with his newly appointed assistant, Mr. C. G. Elling, a graduate of the Kansas Agri-

cultural College, Dr. Mayo made the rounds among the breeders and made some very satisfactory purchases. Among them were a bull and three heifers from the Hereford herd of C. W. Armour, of Kansas City; a bull and three heifers from the Elder Lawn Herd of Shorthorns of T. K. Tomson & Sons, of Dover; a bull and three heifers from the Angus herd of Parker Parrish & Miller, Hudson; and a few Jersey heifers from Missouri. All of these animals are under 2 years and they are now in the Kansas City Stock Yards undergoing a treatment to immunize them against splenic fever before they are shipped. If the Republic of Cuba ever becomes noted as a grower of pure-bred cattle, Kansas will claim the credit of having started her breeders in business.

AVARICE SWINDLED.

The funny papers in times past had no end of sport in picturing the country "jay," and the readiness with which he was relieved of his surplus cash by the smooth swindler. But the man from the farm must now surrender the front seats in the assembly of the swindled to the banker, the millionaire, and the professional man's wife.

The most colossal confidence operations of the times are those just revealed, wherein a woman, Mrs. Cassie L. Chadwick, of Cleveland, Ohio, relieved bankers and millionaires of several sums aggregating \$1,190,000 to \$1,490,000. Mrs. Chadwick's scheme was so transparent that it is doubtful whether she could have induced any intelligent, honest farmer to take her bait. She seems to have forged the name of Andrew Carnegie to certain papers. (Andrew Carnegie is known throughout the financial world as an exceedingly rich man. To prevent the accumulation of greater burdens of wealth and to carry out his announced intention to die a poor man, he is under the necessity of giving away vast sums—estimated at \$5,000,000 to \$10,000,000 annually. His note for any amount would be cashed by any bank having the money to loan, if he ever gave a note.) The most important of these so-called Carnegie papers is a receipt for many millions in securities claimed to have been placed in Mr. Carnegie's keeping, for a limited time, by some person, for Mrs. Chadwick's benefit. There are also notes for large amounts—\$250,000 to \$500,000—signed, Andrew Carnegie. These papers were placed in the hands of a trustee selected by Mrs. Chadwick. Mrs. Chadwick's plan was to borrow money on the strength of these forged Carnegie papers. When a banker inquired about her securities, he was referred to her Cleveland trustee. This trustee seems to have believed that he held valuable papers for a very rich woman, and so informed bankers who were referred to him.

It became noised about among bankers and financiers that Mrs. Chadwick's business was very profitable. She was willing to pay large bonuses for loans.

In the case of a bank at Oberlin, Ohio, she promised employment in the management of her money to both the president and the cashier at \$10,000 a year for each. She also promised to

make their bank the depository for her vast operations so soon as she should come into actual possession of her great fortune (?). This president and this cashier are now in Uncle Sam's hands and likely to go to the penitentiary for allowing their cupidity to lead them to wrong use of the bank's funds. Incidental to this bank's failure many innocent people who had their money in the bank have been ruined.

A Pittsburg millionaire is said to hold Mrs. Chadwick's note for \$800,000. This amount is in dispute and it is believed that the actual amount of money she got was \$500,000, the other \$300,000 being the amount of bonus which the millionaire supposed he was getting from a rich but incompetent woman.

The total assets belonging to Mrs. Chadwick as revealed by the investigations to date have a value of \$1,800, a sum sufficient to pay about 1½ mills on the dollar of her indebtedness provided there were no expenses to be met first.

Another brand of swindling based on the same characteristic human weakness was lately reported in Topeka and more recently in Chicago. Persons representing themselves as selling agents for costly laces visited the houses of well-to-do people and offered at \$1 a yard laces, represented to be hand-made and worth \$3 a yard. They found ready takers in both cities. The laces turned out to be very cheap machine-made stuff such as is selling in the stores at 3 cents a yard.

Wherein do these swindlers differ from the gold-brick deals practiced upon farmers and others? The noticeable feature of both the Chadwick and the lace swindles is the cupidity of the dupes. Cupidity has always been a disease of humanity. It made the patriarch Jacob an exile and a coward. It has appeared with varying virulence in every age. Its fountain of poisonous bacteria is the desire to get something for nothing, or, what is the same, to get something for less than it is fairly worth.

This present age has been characterized as "money-mad." Those who would escape the scourge that is likely to afflict both parties to an unfair deal—Mrs. Chadwick is now in jail and probably poor and likely to lead a friendless existence henceforth; and her dupes who thought they were driving thrifty bargains with a callow woman, are lying on restless beds in jail and elsewhere—those who would escape the scourge will do well to make it a motto of their lives to give value received in every transaction. Be not deceived by visions of sudden wealth.

It is said that every great forward movement of mankind, every great invention, every great reform, is a culmination of the best thought of the race. It is doubtless equally true that every great swindle is the culmination of world-wide avarice. Avarice, like goodness, and other desirable characteristics, develops according to its opportunities. The confidence necessary to the transaction of the business of our complex civilization affords to the unscrupulous their opportunity. It is charged that, in addition to this necessary opportunity, society has allowed

(Continued on page 1232.)

The Stock Interest

THOROUGHBRED STOCK SALES.

Dates claimed only for sales which are advertised or are to be advertised in this paper.

December 15, 1904—Combination sale of Percheron stallions and mares, Coach stallions, and Jacks and Jennets, at Ottawa, Kans., S. A. Spriggs, Westphalia, Kans., Manager.

December 21, 1904—M. L. Ayres, Shenandoah, Ia., Percheron brood mares.

December 30, 1904—Dietrich & Spaulding of Richmond, Kans. Poland-China brood sow sale at Ottawa, Kans.

January 4, 1905—Herefords, James A. Carpenter, Carbondale, Kans.

January 11, 12, 13, 1905—Breeders' Combination Sale, Bloomington Ill., Percherons, French Drafters, Clydesdales, Shires, and Coach horses; Aberdeen-Angus, Shorthorns, Galloways and Herefords. C. W. Hurt, Manager, Arrowsmith, Ill.

January 18, 1905—Combination sale of Berkshire bred sows at Hope, Kans. J. Frank Rhodes, Mgr., Tampa, Kans.

January 20, 1905—Poland-Chinas at Girard, H. N. Holdeman.

January 31, 1905—S. H. Lenhart, Hope, Kansas, Poland-China bred sow sale.

January 25, 1905—G. A. Munson, Maxwell, Iowa, Duroc-Jerseys.

January 26, 1905—Poland-China swine, A. & P. Schmitz, Alma, Kans.

January 30, 1905—Geo. Kerr, Sabetha, Kansas, Duroc-Jerseys.

January 31, 1905—J. B. Davis, Fairview, Kansas, Duroc-Jerseys.

February 1, 2, 3, 1905—Percherons, Shorthorns, Poland-Chinas, Wichita, Kans.; J. C. Robison, To-wanda, Kans., Manager.

February 1, 1905—C. E. Pratt, Frankfort, Kansas, Duroc-Jerseys.

February 2, 1905—Poland-China brood-sow sale, by F. A. Dawley, Waldo, Kans., at Osborne, Kans.

February 2, 1905—J. O. Hunt, Marysville, Kansas, Duroc-Jerseys.

February 3, 1905—Chester Thomas, Waterville, Kansas, Duroc-Jerseys.

February 4, 1905—W. F. Garrett, Portis, Kansas, Duroc-Jerseys.

February 8, 1905—Schmitz Bros., Alma, Kans., Poland-Chinas.

February 14, 1905—E. P. Sherman, Olathe, Kans., Poland-Chinas.

February 15, 1905—W. H. Cottingham & Son, McPherson, Kans., Shorthorns and Poland-Chinas.

February 16 and 17, 1905—Chas. M. Johnston, Manager, Caldwell, Kans., Combination sale of registered stock.

February 20, 1905—J. F. Chandler, Frankfort, Kans., Duroc-Jersey bred sows.

February 21, 1905—John W. Jones & Co., Delphos, Kans., Duroc-Jersey bred-sow sale.

February 22 and 23, 1905—Shorthorns and Poland Chinas, N. F. Shaw, Manager, Plainville, Kans.

February 23, 1905—Shorthorns, N. F. Shaw, Mgr., Plainville, Kans.

March 7, 1905—Jacks, Jennets, and stallions, at Limestone Valley Farm, Smithton, Mo., L. M. Monsees & Sons, proprietors.

THE INTERNATIONAL LIVE-STOCK SHOW.

In this week's issue we continue the list of awards made at the great International Live-Stock Exposition. It was conceded by visitors generally that while the horse rings were not so large as have been shown heretofore they were much better in quality and entirely without inferior animals. This made the work of the judges exceedingly difficult because of the high class of all animals shown in all the different breeds.

The swine show this year was confined entirely to fat stock, no premiums being offered on breeding animals in any class. Owing to this innovation and to the fact that the policy of the management was not so generally understood as it might have been the exhibits of swine this year were much fewer in numbers in the different breeds than has generally been true heretofore. However, we desire to commend the management for excluding the breeding classes of hogs as we believe this to be a long step in advance. Our readers will doubtless find the report of awards on the carcass test as valuable in the hog show as in that of the cattle.

The International this year was quite strong in its exhibition of sheep and most of the well-known breeds were represented. Nearly all of the exhibitors, however, were from Canada or the Northern States of the Union. No sheep were shown from localities as far south as Kansas.

Taken as a whole, the International of 1904 was one of the great shows of the year and its quality marked a distinct forward step in progress toward that goal for which all breeders strive. The awards not given last week are herewith appended.

DRAFT HORSE DEPARTMENT.

PERCHERON.

Exhibitors.—Lew W. Cochran, Crawfordville, Ind.; J. Crouch & Son, Lafayette, Ind.; Dunham, Fletcher & Coleman, Wayne, Ill.; H. A. Briggs, Elkhorn, Wis.; Taylor & Jones, Williamsville, Ill.; McLaughlin Bros., Columbus, Ohio.

Stallion, 4 years old or over—First, Dunham, Fletcher & Coleman on Pink (47513) (24765); second, McLaughlin Bros., on Edgar 34300 46090; third, Dunham, Fletcher & Coleman on Bosquet (46612) (40105); fourth, McLaughlin Bros., on Unvers 33977 47622; fifth, Lew W. Cochran on Medoc (40083) (30986).

Stallion, 3 years old and under 4—First, Dunham, Fletcher & Coleman on Barnum (51951) 40139; second, McLaughlin Bros., on Victor Hugo 52791 (40063); third, H. A. Briggs on Cantinier 40255 (52715); fourth, McLaughlin Bros., on Tarquin 51901 (40068); fifth, Dunham, Fletcher & Coleman on Blinon 41340 (53156).

Stallion, 2 years old and under 3—First, H. A. Briggs on Faustine (57367) (41374); second, McLaughlin Bros., on Chichi 54591 40072; third, Dunham, Fletcher & Coleman on Marly (40448) (53728); fourth, McLaughlin Bros., on Potache 55296 40064; fifth, Dunham, Fletcher & Coleman on Malin (41241) (53770).

Four animals, any age, the get of one sire—First, McLaughlin Bros.; second, Lew W. Cochran.

Two animals, any age, produce of same dam—First, McLaughlin Bros.; second, Lew W. Cochran.

Champion stallion, any age—Dunham, Fletcher & Coleman on Barnum.

Champion mare, any age—Lew W. Cochran on Lady Montrose 30983 40084.

AMERICAN PERCHERON HORSE BREEDERS' AND IMPORTERS' ASSOCIATION SPECIALS.

CLYDESDALE.

Stallion, 3 years old or over, bred by exhibitor—Won by Lew W. Cochran on Cambronne 29466.

Stallion, under 3 years old, bred by exhibitor—First, H. A. Briggs on Hector; second, A. M. Storms on Titus; third, Lew W. Cochran on Courtesy 34065; fourth, Lew W. Cochran on Phebus 32858.

Mare, 3 years old or over, bred by exhibitor—First, Lew W. Cochran on Lady Montrose 30083; second, Dunham, Fletcher & Coleman on Escapade 28063.

Mare, under 3 years old, bred by exhibitor—Lew W. Cochran on Lora C. 32988.

Best American-bred stallion—First, Dunham, Fletcher & Coleman on All 2d 30783; second, Lew W. Cochran on Medoc 30986; third, J. Crouch & Son on American Boy 35911; fourth, J. Crouch & Son on Sansonnet 2d 26506.

Best American-bred mare—First, Lew W. Cochran on Lady Montrose 30983; second, Dunham, Fletcher & Coleman on Lottie 32951; third, Dunham, Fletcher & Coleman on Escapade 28068.

Best five stallions—First, Dunham, Fletcher & Coleman; second, H. A. Briggs; third, Taylor & Jones.

Best five mares—Dunham, Fletcher & Coleman.

PERCHERON REGISTRY COMPANY SPECIALS.

Mare, 4 years old or over—Lew W. Cochran on Lady Montrose 40084.

Mare, 2 years old and under 3—Lew W. Cochran on Lora C. 40165.

Champion stallion, any age—First, McLaughlin Bros., on Chichi 54591; second, McLaughlin Bros., on Victor Hugo 52791.

Group of five stallions, property of one exhibitor—First and second, McLaughlin Bros.

CLYDESDALE.

Exhibitors.—Graham Bros., Claremont, Ont.; C. E. Clark, St. Cloud, Minn.; McLaughlin Bros., Janesville, Wis.; A. G. Soderberg, Osco, Ill.; Niles & Hough, Winfield, Ind.; Niles & McMillan, Hebron, Ind.

Stallion, 4 years old or over—First, Graham Bros., on Royal Baron 11161; second, C. E. Clarke on Matchless MacGregor 9912.

Stallion, 3 years old and under 4—First, Graham Bros., on Baron Sterling 11611; second, C. E. Clarke on Netherton 10486; third, McLaughlin Bros., on Prince Dauntless 10423.

Stallion, 2 years old and under 3—First, Graham Bros., on Fairy King 12138; second, McLaughlin Bros., on His Royal Highness 10798; third, C. E. Clarke on Baron Finlay 10709; fourth, McLaughlin Bros., on Merry Mae 10793.

Four animals, any age, the get of one sire—First, Graham Bros.; second, McLaughlin Bros.

Two animals, any age, produce of same dam—First, Graham Bros.; second, McLaughlin Bros.

Champion stallion, any age—Graham Bros., on Baron Sterling.

AMERICAN CLYDESDALE ASSOCIATION SPECIALS.

Mare, 4 years old and over—First, McLaughlin Bros., on Princess Goodwin 9849; second, A. G. Soderberg on Osco Queen 10649; third, McLaughlin Bros., on Princess Handsome 9758; fourth, Niles & Hough on 2d Lady Tarbreoch, Cedric 9482.

Mare, 3 years old and under 4—First, McLaughlin Bros., on Lady Elegant 10422; second, Graham Bros., on Flower of Dryfe, Vol. 27.

Mare, 2 years old and under 3—First, Graham Bros., on Juliet, Vol. 27; second, C. E. Clarke on Queen Lillie 10654; third, Niles & McMillan on Alice Roosevelt 10646; fourth, Niles & McMillan on Juno 10644.

Mare, 1 year old and under 2—First, McLaughlin Bros., on Lady Graceful 11118; second, A. G. Soderberg on Osco Sweetness 11117.

Filly foals—McLaughlin Bros., on Point Lace. Stallion, 1 year old and under 2—McLaughlin Bros., on Point Lace.

Stallion foals—First, C. E. Clarke on Prince of Fashion 11571; second, C. E. Clarke on Matchless Finlay 11521; third, McLaughlin Bros., on The Sylvan Prince 11585.

Single grade Clydesdale gelding or mare, 3 years and over, shown to halter—First, Niles & McMillan; second, Victor Vercheval.

Best American-bred stallion, any age—C. E. Clarke on Netherton.

Best American-bred mare, any age—Lew W. Cochran on Lady Clare.

Best four animals, any age or sex, bred and owned by exhibitor—McLaughlin Bros.

SPECIALS BY CLYDESDALE SOCIETY OF GREAT BRITAIN AND IRELAND.

Best Clydesdale stallion, any age—Graham Bros., on Baron Sterling 11611.

Best Clydesdale mare, any age—McLaughlin Bros., on Lady Elegant.

SHIRE.

Exhibitors.—Flinch Bros., Joliet and Verona, Ill.; Lew W. Cochran, Crawfordville, Ind.; Truman's Pioneer Stud Farm, Bushnell, Ill.; Taylor & Jones, Williamsville, Ill.; Robt. Burgess & Son, Wenona, Ill.; A. G. Soderberg, Osco, Ill.; Dr. Geo. Tangster, Monticello, Ind.; Edwin Hobson, Clifton, Ill.

Stallion, 4 years old or over—First, Robt. Burgess & Son on Childwell Chorister 7550 20348; second, Truman's Pioneer Stud Farm on Blaisdon Albert 19350; third, Taylor & Jones on Locking Leader 18870 7198; fourth, Taylor & Jones on D'Arcy Farmer 6160 18665; fifth, Flinch Bros. on David Harum 5821.

Stallion, 3 years old and under 4—First, Robt. Burgess & Son on Gilton Cadet 7552 20514; second, Taylor & Jones on Chancellor of Wales 7511; third, Taylor & Jones on Thomas Bennett 6957; fourth, Robt. Burgess & Son on Sir Lincoln 2d 21873 7566; fifth, F. M. Mountjoy on Rescue 7516.

Stallion, 2 years old and under 3—First, Robt. Burgess & Son on Cromwell of Worsley 11th 7548 21304; second, Truman's Pioneer Stud Farm on Horse Shoe Marmon 21537; third, Truman's Pioneer Stud Farm on Umklade Douglas 21988; fourth, Taylor & Jones on Royal Alley 7202; fifth, Lew W. Cochran on Monarch 7371.

Four animals, any age, the get of one sire—First and second, Lew W. Cochran.

Two animals, any age, produce of same dam—First, Truman's Pioneer Stud Farm;



DOUBLE THE FOOD VALUE

can be secured from grain fed to live stock if it is cooked. It is more easily digested and assimilated by the animal stomach. This

ELECTRIC FEED COOKER

cooks feed in the quickest and best way and with the least amount of fuel. Made of cast iron, lined with steel. Boilers made of heavy galvanized steel, made in 12 sizes. Capacity from 25 to 100 gals. Strong, well made and will last indefinitely. Order before the cold weather catches you. Write at once for free circulars and prices.

ELECTRIC WHEEL CO., Box 46 Quincy, Illinois.

second, F. M. Mountjoy; third, Lew W. Cochran; fourth, A. G. Soderberg; fifth, Lew W. Cochran.

SPECIALS OFFERED BY AMERICAN SHIRE HORSE ASSOCIATION.

Mare, 4 years old or over—First, Truman's Pioneer Stud Farm on Ringsend Lady 6695; second, Truman's Pioneer Stud Farm on Ringsend Lass 6694; third, Truman's Pioneer Stud Farm on Enfield Fuschia 6696.

Mare, 3 years old and under 4—Truman's Pioneer Stud Farm on Gore's Flower 39061; second, Lew W. Cochran on Lady Clare.

Mare, 2 years old and under 3—First, Truman's Pioneer Stud Farm on Bushnell Lass 7012; second, Truman's Pioneer Stud Farm on Bushnell Gipsy 7013; third, F. M. Mountjoy on Josephine 7517.

Mare, 1 year old and under 2—First, A. G. Soderberg on Osco Spinnet 7084; second, Lew W. Cochran on Marjorie 7407; third, F. M. Mountjoy on Lady Wakefield.

Stallion, 1 year old and under 2—First, Truman's Pioneer Stud Farm on Eldorado, Vol. 26; second, Truman's Pioneer Stud Farm on Wrydesland's Champion, Vol. 26; third, Robt. Burgess & Son on Tansor Willow 7546, Vol. 26; fourth, Lew W. Cochran on Moharit 7522; fifth, Lew W. Cochran on Burgess 7523.

Five stallions, any age, owned by one exhibitor—Taylor & Jones.

Three mares, any age, owned by one exhibitor—First, Truman's Pioneer Stud Farm; second, Lew W. Cochran.

Best imported stallion, any age—Robt. Burgess & Son on Childwell Chorister 7550.

Best imported mare, any age—Truman's Pioneer Stud Farm on Ringsend Lady.

Best American-bred stallion, any age—F. M. Mountjoy on Rescue 7516.

Best American-bred mare, any age—Lew W. Cochran on Lady Clare 7054.

BELGIANS.

Exhibitors.—J. Crouch & Son, Lafayette, Ind.; McLaughlin Bros., Columbus, Ohio; Dunham, Fletcher & Coleman, Wayne, Ill.; H. A. Briggs, Elkhorn, Wis.; Taylor & Jones, Williamsville, Ill.; Victor Vercheval, Harper, Iowa; C. A. L. Loomis, Chester, Iowa; H. & H. Wolf, Wabash, Ind.

Stallion, 4 years old or over—First, J. Crouch & Son on Carnot 1421; second, Dunham, Fletcher & Coleman on Vengeur 1344, 13290; third, McLaughlin Bros. on Tranquille de Leernes 21640.

Stallion, 3 years old and under 4—First, H. A. Briggs on Barnum De Claquebois 1646; second, H. & H. Wolf on Fortin 1668; third, J. Crouch & Son on Brilliant de Momalle 1577.

Stallion, 2 years old and under 3—First, J. Crouch & Son on Mon Sauhart 1582; second, H. A. Briggs on Masine de Handzocht 1650, 29329; third, H. A. Briggs on Medard 1649, 29328; fourth, J. Crouch & Son on Carols De Alvaux 1581; fifth, H. & H. Wolf on Hercule De Bore 1670.

Mare, 4 years old or over—H. & H. Wolf on Maigette 199.

Mare, 3 years old and under 4—H. & H. Wolf on Flora De Dogaerden 195.

Champion stallion, any age—H. A. Briggs on Barnum de Claquebois.

Champion mare, any age—H. & H. Wolf on Maigette.

Stallion, 3 years old or over—First, Peter Hopley & Son on Ormand 2994; second, Peter Hopley & Son on Bentley Warranter 3051.

SPECIAL-EXTRA.

Best mare, any age—First, Peter Hopley & Son on Silver; second, Peter Hopley & Son on Blondy.

DRAFT HORSES IN HARNESS.

Exhibitors.—Swift & Co., U. S. Yards, Chicago; Armour & Co., U. S. Yards, Chicago; Truman's Pioneer Stud Farm, Bushnell, Ill.; Pabst Brewing Co., Milwaukee, Wis.; C. A. L. Loomis, Chester, Iowa; Morris & Co., U. S. Stock Yards, Chicago; McLaughlin Bros., Janesville, Wis.; Peter Hopley & Son, Lewis, Iowa; Acme Food Co., 100 LaSalle St., Chicago; Libby, McNeill & Libby, U. S. Yards, Chicago.

Single mare or gelding, weighing over 1,750 pounds, to cart—First, Pabst Brewing Co.; second and third, Morris & Co.; fourth, Pabst Brewing Co.; fifth, Armour & Co.

Single mare or gelding, weighing 1,500 to 1,750 pounds, to cart—First, Pabst Brewing Co.; second, Morris & Co.; third and fourth, Pabst Brewing Co.

Pair horses weighing 3,000 to 3,500 pounds, to wagon—First, Pabst Brewing Co.; second and third, Morris & Co.; fourth, Swift & Co.; fifth, Armour & Co.

Pair horses, weighing over 3,500 pounds, to wagon—First, Morris & Co.; second, Pabst Brewing Co.; third and fourth, Armour & Co.; fifth, Swift & Co.

Three horses, abreast to wagon—First, Armour & Co.; second, Morris & Co.; third, Swift & Co.

Four-horse team, wheelers weighing 3,000 to 3,500 pounds, to wagon—First, Pabst Brewing Co.; second, Morris & Co.; third, Swift & Co.; fourth, Armour & Co.

Four-horse team, wheelers weighing over 3,500 pounds, to wagon—First, Armour & Co.; second, Pabst Brewing Co.

Six-horse team to wagon, wheelers weighing not less than 3,500 pounds, and leaders not less than 3,500 pounds—First, Pabst Brewing Co.; second, Morris & Co.; third, Armour & Co.

THE L. M. NEWGASS CUP.

Six-horse team to wagon, weighing 3,500 pounds or less—First, Pabst Brewing Co.; second, Schwarzschild & Sulzberger.

COACH HORSES.

GERMAN COACH.

Exhibitors.—J. Crouch & Son, Lafayette, Ind.

Stallion, 4 years old or over—First and second, J. Crouch & Son.



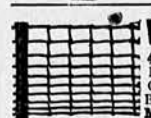
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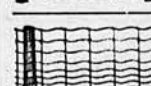
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FRENCH COACH.

Exhibitors.—Dunham, Fletcher & Coleman, Wayne, Ill.; McLaughlin Bros., Columbus, Ohio; E. M. Barton, Hinsdale, Ill.

Stallion, 4 years old or over—First, McLaughlin Bros. on Torrent 2813; second, Dunham, Fletcher & Coleman on Paladin 1968; third, McLaughlin Bros. on Apopos 3445.

Stallion, 3 years old and under 4—First, Dunham, Fletcher & Coleman on Phorbas 2786; second, McLaughlin Bros. on Pausaigneur 3646; third, McLaughlin Bros. on Beau Sire 3644.

Stallion, 2 years old and under 3—First, McLaughlin Bros. on Courtisan 3648; second, E. M. Barton on Elegant 3600; third, E. M. Barton on Paramount 3603.

Mare, 4 years old or over—First, E. M. Barton on Esmeralda 1360; second, Dunham, Fletcher & Coleman on Modjeska 2194; third, E. M. Barton on Ismene 1964.

Mare, 3 years old and under 4—First, Dunham, Fletcher & Coleman on Sans Gene 2788; second, E. M. Barton on Portia 3387; third, E. M. Barton on Mignon 3392.

Mare, 2 years old and under 3—Dunham, Fletcher & Coleman on Elastique.
Champion stallion, any age—McLaughlin Bros. on Torrent.

Champion mare, any age—First, E. M. Barton on Esmeralda 1360; second, Dunham, Fletcher & Coleman on Sans Gene 2788.

Four animals, the get of one sire, 4 years old and under—First, McLaughlin Bros.; second, Dunham, Fletcher & Coleman.

Two animals, the produce of one dam, 4 years old and under—First, Dunham, Fletcher & Coleman; second, E. M. Barton.

HACKNEY HORSES.

Exhibitors.—Arthur Stericker, Sycamore, Ill.; Finch Bros., Joliet and Vernon, Ill.; Truman's Pioneer Stud Farm, Bushnell, Ill.; Robt. Burgess & Son, Wenona, Ill.; Lew W. Cochran, Crawfordville, Ill.; Robt. Belth, Bowmanville, Ont.; Dr. Geo. Tangier, Monticello, Ind.; J. T. Peabody, Columbia City, Ind.

Stallion, 4 years old or over—First, Robt. Belth on Saxon; second, Truman's Pioneer Stud Farm on Wood Baronet Vol. 22; third, Arthur Stericker on Alwick 327.

Stallion, 3 years old and under 4—First, Lew W. Cochran on Golden Dawn 198; second, T. J. Peabody on Millington 8584; third, Robt. Belth on Ivanhoe.

Stallion, 2 years old and under 3—First, Robt. Belth on St. David; second, Robt. Belth on Cliff Rosador; third, Lew W. Cochran on High Ball 182.

Mare, 4 years old or over—Robt. Belth on Precella.

Mare, 3 years old and under 4—Lew W. Cochran on Leading Lady.

Mare, 2 years old and under 3—Robt. Belth on Terrington Bonabe.

Champion stallion, any age—Robt. Belth on Saxon.

Champion mare, any age—Robt. Belth on Precella.

Two animals, the produce of one dam, 4 years old or over—First, Robt. Belth; second, Lew W. Cochran; third, Truman's Pioneer Stud Farm.

SHETLAND PONIES.

Exhibitors.—T. S. Simpson, 110 LaSalle St., Chicago, Ill.; Chas. E. Bunn, Peoria, Ill.

Shetland pony, either sex, not exceeding 46 inches, 3 years old or over, to be shown under saddle—First, T. S. Simpson on Boss; second, Chas. E. Bunn on Girofla 4636; third, Chas. E. Bunn on Arbilard 2416.

Shetland pony, either sex, not exceeding 46 inches, to be shown to appropriate vehicle—First, Chas. E. Bunn on Grandee 4423; second, Chas. E. Bunn on Gen. Shafter 3536; third, T. S. Simpson on Squirrel.

Tandem Shetland pony team, not exceeding 46 inches, to be shown to appropriate vehicle—First, Chas. E. Bunn; second, T. S. Simpson; third, Chas. E. Bunn.

PONIES OTHER THAN SHETLAND.

Exhibitors.—Chas. E. Bunn, Peoria, Ill.; Graham Bros., Claremont, Ont.

Pony, either sex, not exceeding 14 hands, 3 years old or over, to be shown under saddle—First and second, Chas. E. Bunn.

Pony, either sex, not exceeding 14 hands, to be shown to appropriate vehicle—Chas. E. Bunn on Montgomery George.

Pair of ponies, not exceeding 14 hands, to be shown to appropriate vehicle—Chas. E. Bunn.

Tandem pony team, not exceeding 14 hands, to be shown to appropriate vehicle—Chas. E. Bunn.

BREEDING SHEEP DIVISION.

SHROPSHIRE.

Exhibitors.—John Campbell, Woodville, Ont.; Wm. Furry & Son, Greenfield, Ind.; J. G. Hamner, Brantford, Ont.; Chas. H. Hutchison, White Pigeon, Mich.; Geo. Allen, Lexington, Neb.; Richard Gibson, Delaware, Ont.; F. W. Harding, Waukesha, Wis.; S. Shaffer, Princeton, Pa.; Lloyd Jones Bros., Buford, Ont.; Telfer Bros., Paris, Ont.

Ram, 2 years old or over—First, J. G.

Hammer; second, John Campbell; third, Richard Gibson; highly commended, F. W. Harding; commended, Chas. H. Hutchison.

Ram, 1 year old and under 2—First, John Campbell; second, F. W. Harding; third, Lloyd-Jones Bros.; commended, Richard Gibson.

Ram, lamb under 1 year old—First, John Campbell; second, J. G. Hamner; third, Lloyd-Jones Bros.; highly commended, Chas. H. Hutchison.

Ewe, 1 year old and under 2—First, J. G. Hamner; second, John Campbell; third, R. Gibson; highly commended, John Campbell; commended, F. W. Harding.

Ewe, lamb under 1 year—First, John Campbell; second, F. W. Harding; third, John Campbell.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, John Campbell; second, J. G. Hamner; third, F. W. Harding; highly commended, R. Gibson; commended, Lloyd-Jones Bros.

Four lambs of either sex, the get of one sire—First, John Campbell; second, Lloyd-Jones Bros.; third, Chas. H. Hutchison.

Champion ram—John Campbell.

Champion ewe—John G. Hamner.

SOUTHDOWN.

Exhibitors.—Wm. A. McKerrrow, Pewaukee, Wis.; Geo. McKerrrow & Son, Pewaukee, Wis.; Sir Geo. Drummond, Beaconsfield, Que.; Telfer Bros., Paris, Ont.; Geo. Allen, Lexington, Neb.

Ram, 2 years old or over—First, Wm. A. McKerrrow; second and third, Sir Geo. Drummond; highly commended, Wm. A. McKerrrow.

Ram, 1 year old and under 2—First, Wm. A. McKerrrow; second, Telfer Bros.; third, Sir Geo. Drummond.

Ram, lamb under 1 year old—First, Wm. A. McKerrrow; second and third, Sir Geo. Drummond; highly commended, Geo. McKerrrow & Son; commended, Telfer Bros.

Ewe, 1 year old and under 2—First and second, Wm. A. McKerrrow; third and highly commended, Sir Geo. Drummond; commended, Geo. McKerrrow & Son.

Ewe, lamb under 1 year—First, Sir Geo. Drummond; second, third and highly commended, Geo. McKerrrow & Son; commended, Telfer Bros.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, Wm. A. McKerrrow; second, Sir Geo. Drummond.

Champion ram—Wm. A. McKerrrow.

Champion ewe—Sir Geo. Drummond.

OXFORD.

Exhibitors.—Wm. A. McKerrrow, Pewaukee, Wis.; R. J. Stone, Stonington, Ill.; Geo. McKerrrow & Son, Pewaukee, Wis.

Ram, 2 years old or over—First, Wm. A. McKerrrow; second, Geo. McKerrrow & Son.

Ram, 1 year old and under 2—First, Wm. A. McKerrrow; second, Geo. McKerrrow & Son; third, Wm. A. McKerrrow.

Ram, lamb under 1 year old—First, Wm. A. McKerrrow; second, R. J. Stone; third, Geo. McKerrrow & Son.

Ewe, 1 year old and under 2—First and second, R. J. Stone; third, Geo. McKerrrow & Son.

Ewe, lamb under 1 year old—First and second, R. J. Stone; third, Wm. A. McKerrrow.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, R. J. Stone; second, Wm. A. McKerrrow.

Four lambs of either sex, the get of one ram—First, R. J. Stone; second, Geo. McKerrrow & Son.

Champion ram—Wm. A. McKerrrow.

Champion ewe—R. J. Stone.

HAMPSHIRE.

Exhibitors.—John Milton, Marshall, Mich.; Chilmark Farm, Ossining, N. Y.; James West, Montpelier, Ind.

Ram, 2 years old or over—First, Chilmark Farm; second and third, James West.

Ram, 1 year old and under 2—First, James West; second, third and highly commended, Chilmark Farm.

Ram, lamb under 1 year old—First, Chilmark Farm; second and third, James West; highly commended, Chilmark Farm; commended, James West.

Ewe, 1 year old and under 2—First, second and third, Chilmark Farm.

Ewe, lamb under 1 year old—First, second and third, Chilmark Farm.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First and second, Chilmark Farm.

Four lambs of either sex, the get of one ram—Chilmark Farm.

Champion ram—Chilmark Farm.

Champion ewe—Chilmark Farm.

DORSET.

Exhibitors.—R. H. Harding, Thorndale, Ont.

Ram, 2 years old or over—R. H. Harding.

Ram, 1 year old and under 2—R. H. Harding.

Ram, lamb under 1 year old—R. H. Harding.

Ewe, 1 year old and under 2—R. H. Harding.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—R. H. Harding.

Four lambs, of either sex, the get of one ram—R. H. Harding.

Champion ram—R. H. Harding.

Champion ewe—R. H. Harding.

CHEVIOT.

Exhibitors.—G. W. Parnell, Wingate, Ind.; M. P. & S. E. Lantz, Carlock, Ill.; Minn. Experiment Station, St. Anthony Park, Minn.

Ram, 2 years old or over—First and second, M. P. & S. E. Lantz; third, G. W. Parnell.

Ram, 1 year old and under 2—First and second, M. P. & S. E. Lantz; third, G. W. Parnell.

Ram, lamb under 1 year old—First and second, M. P. & S. E. Lantz; third and highly commended, G. W. Parnell; commended, Minnesota Experiment Station.

Ewe, 1 year old and under 2—First and second, M. P. & S. E. Lantz; third, G. W. Parnell.

Ewe, lamb under 1 year old—First and second, M. P. & S. E. Lantz; third, G. W. Parnell.

Flock, to consist of one ram, 1 year

old or over; two yearling ewes and two ewe lambs—G. W. Parnell.

Wether, 1 year old and under 2—First, University of Wisconsin; second, G. W. Parnell.

Wether lamb—First and second, University of Wisconsin; third, M. P. & S. E. Lantz.

Pen of five wether lambs—G. W. Parnell.

Champion wether in classes 111 and 112—University of Wisconsin.

COTSWOLD.

Exhibitors.—E. F. Park, Burgessville, Ont.; J. C. Ross, Jarvis, Ont.; F. W. Harding, Waukesha, Wis.; Lewis Bros., Camp Point, Ill.

Ram, 2 years old or over—First, F. W. Harding; second, J. C. Ross; third, Lewis Bros.

Ram, 1 year old and under 2—First, Lewis Bros.; second, F. W. Harding; third, J. C. Ross.

Ram, lamb under 1 year old—First and second, Lewis Bros.; third and highly commended, F. W. Harding; commended, J. C. Ross.

Ewe, 1 year old and under 2—First, Lewis Bros.; second and third, J. C. Ross; highly commended, F. W. Harding.

Ewe, lamb under 1 year old—First, J. C. Ross; second, Lewis Bros.; third and highly commended, F. W. Harding; commended, J. C. Ross.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, Lewis Bros.; second, J. C. Ross; third, F. W. Harding.

Four lambs, of either sex, the get of one ram—First, Lewis Bros.; second, F. W. Harding.

Champion ram—F. W. Harding.

Champion ewe—Lewis Bros.

LINCOLN.

Exhibitors.—J. T. Gibson, Denfield, Ont.; J. H. Patrick, Iderton, Ont.; E. W. Patrick, Iderton, Ont.

Ram, 2 years old or over—First and second, J. T. Gibson; third, J. H. Patrick.

Ram, 1 year old and under 2—First and second, J. T. Gibson.

Ram, lamb under 1 year old—First, J. T. Gibson; second, J. H. Patrick; third, J. T. Gibson.

Ewe, 1 year old and under 2—First, J. T. Gibson; second, J. H. Patrick; third, J. T. Gibson.

Ewe, lamb under 1 year old—First and second—J. T. Gibson.

Flock, to consist of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, J. T. Gibson; second, J. H. Patrick.

Four lambs, of either sex, the get of one ram—First, J. T. Gibson; second, J. H. Patrick; third, E. W. Patrick.

Champion ram—J. T. Gibson.

Champion ewe—E. W. Patrick.

LINCOLN SPECIAL.

Flock, consisting of one ram, 1 year old or under; ewe, 1 year old or under, and ewe lamb—J. T. Gibson.

LEICESTER.

Exhibitors.—W. H. Newton, Pontiac, Mich.; Hastings Bros., Crosshill, Ont.; Durmit Bros., Clambrossel, Ont.; A. W. Smith, Maple Lodge, Ont.

Ram, 2 years old or over—First and second, A. W. Smith; third, Hastings Bros.

Ram, 1 year old and under 2—First, A. W. Smith; second, Hastings Bros.; third, A. W. Smith.

Ram, lamb under 1 year old—First and second, Hastings Bros.; third, A. W. Smith.

Ewe, 1 year old and under 2—First and second, A. W. Smith; third, Durmit Bros.

Ewe, lamb under 1 year old—First, Hastings Bros.; second, Durmit Bros.; third, A. W. Smith.

Flock, consisting of one ram, 1 year old or over; two yearling ewes and two ewe lambs—First, A. W. Smith; second, Hastings Bros.

Four lambs, of either sex, the get of one ram—First, A. W. Smith; second, Hastings Bros.

Champion ram—A. W. Smith.

Champion ewe—A. W. Smith.

Pen of four, consisting of one ram, any age; one ewe, 2 years old and under 3; one ewe, 1 year old and under 2, and one ewe lamb—First, A. W. Smith; second, Hastings Bros.; third, Durmit Bros.

RAMBOUILLET.

Exhibitors.—F. W. Harding, Waukesha, Wis.

Ram, 2 years old or over—F. W. Harding.

Ram, 1 year old and under 2—F. W. Harding.

Ram, lamb under 1 year old—F. W. Harding.

Ewe, 1 year old and under 2—F. W. Harding.

Ewe, lamb under 1 year old—F. W. Harding.

Flock, consisting of one ram, 1 year old or over; two yearling ewes and two ewe lambs—F. W. Harding.

Four lambs, of either sex, the get of one ram—F. W. Harding.

Champion ram—F. W. Harding.

Champion ewe—F. W. Harding.

FAT SHEEP DIVISION.

SHROPSHIRE.

Exhibitors.—Iowa Agricultural College, Ames, Iowa; University of Wisconsin, Madison, Wis.; R. Gibson, Delaware, Ont.; Geo. Allen, Lexington, Neb.; John Campbell, Woodville, Ont.; Herbert E. Powell, Ionia, Mich.; J. G. Hamner, Brantford, Ont.; R. J. Stone, Stonington, Ill.; Lloyd-Jones Bros., Buford, Ont.; Telfer Bros., Paris, Ont.

Wether, 1 year old and under 2—First, John Campbell; second, University of Wisconsin; third, R. Gibson; highly commended, John Campbell; commended, R. Gibson.

Wether lamb—First, R. Gibson; second, third and highly commended, John Campbell; commended, R. Gibson.

Pen of five wether lambs—First, John Campbell; second, R. Gibson; third, Lloyd-Jones Bros.

Champion wether—John Campbell.

SHROPSHIRE SPECIALS.

First, University of Wisconsin; second, J. H. Campbell; third, H. N. Gibson; highly commended, Lloyd-Jones Bros.

SOUTHDOWN.

Exhibitors.—Wm. A. McKerrrow, Pewaukee, Wis.; Geo. McKerrrow & Son, Pe-

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Waukegan, Wis.; Telfer Bros., Paris, Ont.; University of Wisconsin, Madison, Wis.; W. H. Newton, Pontiac, Mich.; Sir Geo. Drummond, Beaconsfield, Que.; James West, Montpelier, Ind.; Iowa Agricultural College, Ames, Iowa.

Wether, 1 year old and under 2—First, Sir Geo. Drummond; second and third, University of Wisconsin; highly commended, Sir Geo. Drummond; commended, University of Wisconsin.

Wether lamb—First, Telfer Bros.; second, Sir Geo. Drummond; third, University of Wisconsin; highly commended, Sir Geo. Drummond; commended, University of Wisconsin.

Pen of five wether lambs—First, Geo. McKerrrow & Son; second, Telfer Bros.; third, Geo. McKerrrow & Son.

Champion wether in above classes—Sir Geo. Drummond.

OXFORD.

Exhibitors.—Wm. A. McKerrrow, Pewaukee, Wis.; R. J. Stone, Stonington, Ill.; Geo. McKerrrow & Son, Pewaukee, Wis.

Wether, 1 year old and under 2—First, R. J. Stone; third, Geo. McKerrrow & Son; highly commended, R. J. Stone; commended, Geo. McKerrrow & Son.

Wether lamb—First and second, Geo. McKerrrow & Son; third and highly commended, R. J. Stone; commended, Geo. McKerrrow & Son.

Pen of five wether lambs—First, Geo. McKerrrow & Son; second, R. J. Stone.

Champion wether in classes 99 and 100—R. J. Stone.

HAMPSHIRE.

Exhibitors.—Wm. A. McKerrrow, Pewaukee, Wis.; Telfer Bros., Paris, Ont.; John Milton, Marshall, Mich.; James West, Montpelier, Ind.; W. H. Newton, Pontiac, Mich.; University of Wisconsin, Madison, Wis.; Geo. Allen, Lexington, Neb.; Geo. McKerrrow & Son, Pewaukee, Wis.

Wether, 1 year old and under 2—First, Telfer Bros.; second, University of Wisconsin; third, Telfer Bros.; highly commended and commended, James West.

Wether lamb—First, second and third, James West; commended, W. H. Newton.

Pen of five wether lambs—First, James West; second, W. H. Newton.

Champion wether in above classes—Telfer Bros.

DORSET.

Exhibitors.—R. H. Harding, Thorndale, Ont.; W. H. Newton, Pontiac, Mich.

Wether, 1 year old and under 2—First, R. H. Harding; second, W. H. Newton.

Wether lamb—First, R. H. Harding; second, W. H. Newton.

Pen of five wether lambs—R. H. Harding.

Champion wether in classes 107 and 108—R. H. Harding.

CHEVIOT.

Exhibitors.—University of Wisconsin, Madison, Wis.; G. W. Parnell, Waukegan, Ind.; W. P. & S. E. Lantz, Carlock, Ill.; W. H. Newton, Pontiac, Mich.

Wether, 1 year old and under 2—First, University of Wisconsin; second, G. W. Parnell.

Wether lamb—First and second, University of Wisconsin; third, M. P. & S. E. Lantz.

Pen of five wether lambs—G. W. Parnell.

Champion wether in classes 111 and 112—University of Wisconsin.

COTSWOLD.

Exhibitors.—E. F. Park, Burgessville, Ont.; Ohio State University, Columbus, Ohio; W. H. Newton, Pontiac, Mich.; Lewis Bros., Camp Point, Ill.; F. W. Harding, Waukegan, Wis.; J. C. Ross, Jarvis, Ont.

Wether lamb, 1 year old and under 2—First and second, F. W. Harding; third and highly commended, J. C. Ross.

Wether lamb—First, F. W. Harding; second and third, J. C. Ross.

Pen of five wether lambs—First, J. C. Ross; second, W. H. Newton.

Champion wether in classes 115 and 116—F. W. Harding.

LINCOLN.

Exhibitors.—J. T. Gibson, Denfield, Ont.; J. H. Patrick, Ilderton, Ont.

Wether, 1 year old and under 2—First and second, J. T. Gibson; third, J. H. Patrick.

Wether lamb—First, second and third, J. T. Gibson; highly commended, J. H. Patrick.

Pen of five wether lambs—J. T. Gibson.

Champion wether in classes 119 and 120—J. T. Gibson.

Champion wether, any age—J. T. Gibson.

Three wethers, any age—J. T. Gibson.

LEICESTER.

Exhibitors.—W. H. Newton, Pontiac, Mich.; A. W. Smith, Maple Lodge, Ont.; Hastings Bros., Crosshill, Ont.; Durmit Bros., Clambrossel, Ont.

Wether, 1 year old and under 2—First, Hastings Bros.; second, A. W. Smith; third, Hastings Bros.

Wether lamb—First, A. W. Smith; second and third, Hastings Bros.

Pen of five wether lambs—First, A. W. Smith; second, Hastings Bros.; third, W. H. Newton.

Champion wether in classes 123 and 124—Hastings Bros.

CARLOAD SHEEP DIVISION.

Bred east of 98 degrees longitude.

Carload not less than 50 head wethers, 1 year old and under 2, and carload lambs, not less than 50 head (Shropshire)—First, George B. Connelley; second and third, Horn & Smutzer; fourth, F. E. Baker.

Carload lots of range sheep—First, Wood Live Stock Company; second, Coffin & Werner (Cotswold).

Carload not less than 50 head wethers, 1 year and under 2—Iowa Agricultural College.

Champion carload of sheep at the show—George D. Connelley.

GRADES AND CROSS-BREDS.

MEDIUM WOOL OR DOWN TYPES.

Wether, 1 year old and under 2—First, R. Gibson; second, University of Wisconsin; third, John Campbell; highly commended and commended, University of Wisconsin.

Stops Painkiller Cures

Chills (PERRY DAVIS) Colds

Wether lamb—First, H. N. Gibson; second, University of Wisconsin; third, R. J. Stone; highly commended, Geo. McKerrrow & Son; commended, John Campbell.

Pen of five wethers, 1 year old and under 2—First, University of Wisconsin; second, R. J. Stone; third, R. Gibson; highly commended, Minnesota Experiment Station; commended, Geo. McKerrrow & Son.

Pen of five wether lambs—First, University of Wisconsin; second, Geo. McKerrrow & Son; third, John Campbell.

Champion wether in classes 127 and 128—R. Gibson.

LONG WOOL TYPE.

Whether, 1 year old and under 2—First and second, J. T. Gibson; third, Hastings Bros.; highly commended, J. T. Gibson; commended, J. H. Patrick.

Wether lamb—First, Hastings Bros.; second, J. T. Gibson; third, A. W. Smith; highly commended, J. T. Gibson.

Pen of five wethers, 1 year old and under 2—First, J. T. Gibson; second, Hastings Bros.; third, J. H. Patrick.

Pen of five wether lambs—First, A. W. Smith; second, J. T. Gibson; third, A. W. Smith.

Champion wether in classes 132 and 133—J. T. Gibson.

CHAMPIONS.

Champion wether, 1 year old and under 2—R. Gibson.

Champion lamb—H. N. Gibson.

Champion pen of five wether lambs—University of Wisconsin.

FAT SWINE DIVISION.

BERKSHIRE.

Exhibitors.—Iowa Agricultural College, Ames, Iowa; Chas. Council, Vandalla, Ill.; W. H. Newton, Pontiac, Mich.; G. G. Council, Vandalla, Ill.; Minn. Experiment Station, St. Anthony Park, Minn.

Barrow, weighing 300 pounds and over—First, Iowa Agricultural College; second, Chas. Council; third, Iowa Agricultural College.

Barrow, weighing 250 pounds and under 300—First, G. G. Council; second, Iowa Agricultural College; third, Chas. Council.

Barrow, weighing 200 pounds and under 250—First, Chas. Council; second, G. G. Council; third, Minnesota Experiment Station.

Barrow, weighing 150 pounds and under 200—First and second, G. G. Council; third, Chas. Council.

Pen of five barrows, weighing 300 pounds and over—First, Chas. Council; second, Iowa Agricultural College; third, G. G. Council.

Pen of five barrows, weighing 250 pounds and under 300—First, G. G. Council; second, Chas. Council; third, Minnesota Experiment Station.

Pen of five barrows, weighing 200 pounds and under 250—First, G. G. Council; second, Iowa Agricultural College.

Pen of five barrows, weighing 150 pounds and under 200—First, G. G. Council; second, Chas. Council.

Champion pen, any age or weight—G. G. Council.

Champion Berkshire barrow of the show—Iowa Agricultural College.

POLAND-CHINA.

Exhibitors.—O. Skiles & Son, Virginia, Ill.; Wm. H. Sibbit, Pence, Ind.; W. H. Newton, Pontiac, Mich.; Lock & Wellington, Remington, Ind.; Rominger & McCune, Gaston, Ind.; O. Skiles & Son, Virginia, Ill.

Barrow, weighing 300 pounds and over—First and second, Wm. H. Sibbit.

Pen of five barrows, weighing 300 pounds and over—First, Wm. H. Sibbit.

Champion pen, any age or weight—Wm. H. Sibbit.

Champion Poland-China barrow of the show—Wm. H. Sibbit.

CHESTER WHITE.

Exhibitors.—F. E. Bone, Ava, Ill.; Iowa Agricultural College, Ames, Iowa; J. W. Dorsey & Son, Perry, Ill.

Barrow, weighing 300 pounds and over—First and second, F. E. Bone.

Barrow, weighing 250 pounds and under 300—First and second, F. E. Bone.

Barrow, weighing 200 pounds and under 250—First and second, F. E. Bone.

Barrow, weighing 150 pounds and under 200—First and second, F. E. Bone.

Pen of five barrows, weighing 200 pounds and over—First and second, Iowa Agricultural College.

Pen of five barrows, weighing 250 pounds and under 300—F. E. Bone.

Pen of five barrows, weighing 200 pounds and under 250—F. E. Bone.

Pen of five barrows, weighing 150 pounds and under 200—F. E. Bone.

Champion Chester White barrow of the show—Iowa Agricultural College.

DUROC-JERSEY.

Exhibitors.—N. B. Cutler, Carthage, Ill.; Mrs. T. E. Laurie, Jacksonville; T. E. Laurie, Jacksonville.

Barrow, weighing 300 pounds and over—First, N. B. Cutler; second and third, Mrs. T. E. Laurie.

Barrow, weighing 250 pounds and under 300—First, N. B. Cutler; second, T. E. Laurie.

Barrow, weighing 200 pounds and under 250—N. B. Cutler.

Barrow, weighing 150 pounds and under 200—First and second, N. B. Cutler.

Pen of five barrows, weighing 300 pounds and over—First, N. B. Cutler; second, T. E. Laurie.

Pen of five barrows, weighing 200 pounds and under 250—N. B. Cutler.

Pen of five barrows, weighing 150 pounds and under 200—N. B. Cutler.

Champion pen, any age or weight—N. B. Cutler.

Champion Duroc-Jersey barrow of the show—T. E. Laurie.

TAMWORTH.

Exhibitors.—Minn. Experiment Station, St. Anthony Park, Minn.

Barrow, weighing 150 pounds and under 200—Minnesota Experiment Station.

Pen of five barrows, weighing 150 pounds and under 200—Minnesota Experiment Station.

Champion Tamworth barrow in the show—Minnesota Agricultural College.

LARGE YORKSHIRE.

Exhibitors.—Iowa Agricultural College, Ames, Iowa.

Barrow, weighing 300 pounds and over—First and second, Iowa Agricultural College.

Pen of five barrows, weighing 300 pounds and over—Iowa Agricultural College.

Champion Large Yorkshire barrow of the show—Iowa Agricultural College.

THIN RINDS.

Exhibitors.—A. L. Terpening, Everly, Iowa; John Goodwin, Jr., Potomac, Ill.; E. C. Stone, Armstrong, Ill.

Barrow, weighing 300 pounds and over—First, A. L. Terpening; second, John Goodwin, Jr.

Barrow, weighing 250 pounds and under 300—John Goodwin, Jr.

Barrow, weighing 200 pounds and under 250—First, E. C. Stone; second, John Goodwin, Jr.

Barrow, weighing 150 pounds and under 200—First, E. C. Stone; second, John Goodwin, Jr.

Pen of five barrows, weighing 300 pounds and over—First and second, John Goodwin, Jr.

Pen of five barrows, weighing 250 pounds and under 300—John Goodwin, Jr.

Pen of five barrows, weighing 200 pounds and under 250—John Goodwin, Jr.

Pen of five barrows, weighing 150 pounds and under 200—John Goodwin, Jr.

Champion pen, any age or weight—John Goodwin, Jr.

CARLOAD LOTS OF SWINE.

Carload, 350 pounds or over—Henry Kruse.

Carload, 250 pounds and under 350—Henry Kruse; second, Wemburg & Rodwald.

Carload, 200 pounds and under 250—First, J. D. Waters; second, Peter Horn.

Champion carload—Henry Kruse, with a carload of 350-pound stock.

Carcass Contest.

In the carcass contests of cattle, hogs and sheep there are two possible ends that are interesting—viz., to determine the better grade, cross or breed or to find the ration that promises to give the best results in producing the most economical market animal. Thus far the bulk of attention seems to have been given to the testing of breeds rather than to the possibilities of feeds.

To meet the appreciation of the most breeders, feeders and interested spectators, we believe the most satisfactory results will be secured in carcass tests when the flesh-producing qualities of various feeds and their combinations are considered as the prime object.

In spite of the fact that possibly hundreds of breed tests have been made with the various sorts of domestic live stock, nothing of the nature of a solution to the problem has been made. For instance, in the grand-champion-steer contest every leading beef breed with the exception of the Shorthorns and the Galloways has been represented at some time or other, but we can not record an instance where a breeder of Shorthorn cattle has become convinced from the result of an award that it was to his interest to dispense with his chosen breed and turn to the Angus or the Hereford, or that he should entirely dispense with pure-bred or highly bred cattle and take up the grade.

In the hog-carcass contests similar results have been brought out. First it may be the Berkshire or the Poland-China that is at the top. This year the first honors went to the Large Yorkshire, Chester White and Duroc-Jerseys. The best that either a Poland-China or a Berkshire could do was to land some red ribbons, indicating that he was only a second-prize winner. Other representatives of the various breeds were not in the money at all.


In the show of wethers this year the Shropshire grades were the individuals at the top. It was one of the grades of this breed which took away the grand championship in the fat sheep show of all breeds, grades and crosses competing, and yet we have not heard that any of the competitors have determined to drop their favorites and undertake the breeding of sheep with Shropshire blood wholly or partially predominating.

Thus we might go through the whole five years' record of the fat classes of the International Live Stock Exposition, either in fat or carcass classes, and still not find an instance where the awarding of one breed over another has had any visible effect upon either the men who entered stock in competition with others or who were the observers of the show and witnessed the results.

Let us for a moment go into the pure-bred cattle shows. As is well known to many of our readers, there are contests in various shows, and notably the State fairs, where the first-prize herds of all breeds are brought together to determine the "best beef herd." A notable instance of this sort occurred in Iowa.

At another Middle Western State fair all of the best bulls of leading beef breeds are annually lined up for the honor of being picked as the best "beef bull." We can not compare such a contest to anything better than a lottery. The only cost to the contending exhibitor is the award. The public looks on with varied ideas. If one has a favorite breed in the show, then by all that is honest and right the bull of that breed should win unless the comparison is so obviously to the detriment of the individual that even the biased mind can comprehend his deficiencies. Where competition is close the winners consider themselves very fortunate, while the losers accept the inevitable and look for better luck next time.

In some measure the experiment stations have endeavored to find some facts relative to the feeding qualities of various breeds, but on account of that apparently insurmountable obstacle—individuality—



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Can be prepared for market quicker, are less liable to disorders caused by forced feeding, and cost less to finish if Dr. Hess Stock Food is given regularly during the entire feeding time. Dr. Hess Stock Food is not a condimental food, but a scientific stock tonic and laxative, the famous prescription of Dr. Hess (M. D., D. V. S.) which aids digestion and assimilation, giving the animal the power to rapidly convert food to fat.

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prevents disease by keeping the hog in a healthy condition, and in destroying the intestinal and other worms that sap vitality and growth.

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Sure relief for Pink Eye, foreign irritating substances, clears the eyes of Horses and Cattle when quite milky. Sent to responsible stockmen on 30 days trial, or sent prepaid for the price, \$1.00.

Address orders to **W. O. THURSTON,**
Elmdale, Kansas.

LUMP JAW No Cure No Pay.

W. S. Sneed, Sedalia, Mo., cured four steers of lump jaw with one application to each steer and J. A. Keesman, Osborn, Mo., cured three cases with one application to each. Hundreds of similar testimonials on hand. Full particulars by mail. Write to **CHARLES E. BARTLETT,** Columbus, Kansas.



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The Kansas State Agricultural College

The short courses in agriculture and dairying will begin Jan. 3, 1905 and will continue 12 weeks. The winter term of the college begins on the same date. All of the common school branches are taught each term, and classes are formed in all of the first-year and nearly all of the second-year studies each term. Write for catalogue.

PRES. E. R. NICHOLS,
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nothing of a very satisfactory nature has ever been brought forward. Some stations have endeavored to prove the beef-producing qualities of the dairy breeds, but the results have not been received with a great deal of enthusiasm by dairymen, while beef breeders have openly scoffed at the prospect of making first-class beef from the dairy-bred steer.

Were it necessary we might go on indefinitely and enumerate instances where the plan of proving the meat-producing qualities of the breeds has been attempted, but thus far has proven fruitless. We are led to the conclusion that the public, and particularly the breeders, are not ready for breed tests. If this is accepted as correct, then what is it that will appeal both to breeders and feeders alike with equal force?

From these observations we conclude that the public as a whole will be more generally interested in feed tests rather than those of breeds.

Breeders and feeders as a whole possibly do not know that the steer competition at the late International Live Stock Exposition has incidentally taken upon itself something of the nature of a feed contest, though the fact was not probably appreciated at the time. The grand champion steer, Clear Lake Jute 2d, is not the product of the corn-belt, but, with the exception of the days that he spent in Chicago, he is the product of Minnesota. That he is not the product of corn is evident from the statement made by Herdman Craig, who says the most corn ever fed to Clear Lake Jute 2d is included in the following table:

	Per cent.
Corn.....	30
Oats.....	35
Peas and wheat.....	10
Bran.....	20
Oil cake.....	5
Total.....	100

From this table it is evident that corn did not include more than three-tenths of the entire grain ration. The combination of bran, peas and wheat equalled the corn, while the proportion of oats exceeded it. Other steers that have won honors have been sons of the corn-belt and were liberal feeders of the native product. Such a winning for the Gopher State is nothing less than a signal triumph for the agricultural lands that are not commonly figured within the limits of the corn-belt. If any person has acquired the belief that first-class cattle could be fed only where the reign of corn is supreme, such a demonstration as was made here by the University of Minnesota should be food for thought.

During the International Live-Stock Exposition we quoted an authority from Colorado to the effect that it was not impossible that in the near future that State would enter the lists for honors in the steer show. Such a step would be commendable, and success would be one of the greatest advertisements for the feeding possibilities of the native products of Colorado.

During the late show at least one Canadian steer made a favorable impression in the show-ring, in spite of the fact that, with the hot competition that he was up against, he had little chance of carrying off the honors of his class. But, be that as it may, his presence was sufficient evidence that our Canadian brethren are capable of bringing out some excellent steers in spite of the fact that they are a long ways outside of what is properly called the corn-belt.

In the wether classes the Canadians were more successful. The best that America has been able to produce this year was entered against the perfectly fitted entries from the Dominion, but in vain. The honors went to our competitors.

Such facts as these are sufficient to convince the most conservative feeder of the corn-belt that there are other products than corn and corn-products. That they should have been beaten in the steer and wether classes for premier honors is evidence that other sections as well as the great corn-belt feed first-class stock.

It is not enough to know, however, that there are successful feeders in other sections. We want to know how their feeds compare with ours. We can get this information in the carcass contest, and nowhere else.

If carcass contests were to be conducted more along the lines of feed tests, rather than the threadbare "breed tests," it is the opinion of a growing class that the best possible results would follow. It is not sufficient to demonstrate that the feeds of one section are better or superior to those of another, but rather to find a combination that will secure the most profitable results from the standpoint of the farmer, the feeder and the packer. The International Live-Stock Exposition offers this opportunity in the carcass contest. When feeds are thus tested and passed upon from the standpoint of the best market demands, it is possible for the farmer and feeder to secure valuable information as to the best and cheapest feeds for the production of the most marked results. Such work has been done in a small degree in some of the leading agricultural experiment stations, but so far as we have been able to learn has not been given conspicuous attention in any great exhibition, followed by a complete tabulation and publication of the results, together with the feeds that have produced these results.

One of the features of the carcass contest that was valuable while in force at the International was the data that might be derived from the slaughter of the prize-winners. When the grand champions were killed we have no record showing that any one of these superior prize animals had won honors when the judge of the carcasses had concluded his work. Even the most casual observer must wonder why the animal that had been awarded the highest honors on foot should not have merited the same honors on the hooks. Had he been the right sort of a steer, and properly fed, fitted and finished, they do not understand why he should not have met with as much honor in the one place as he did in the other.

Admitting that the carcass contest has some weight and usefulness from the standpoint of breeds and their comparative values, we believe that it has greater usefulness in showing the value of feeds and the errors of overfeeding. Accepting this view of the case as correct,

and reducing it to practice should result in enhancing its usefulness with the feeder and its popularity with the public.

Results of International Dressing Contests for Individual Animals of Various Breeds of Fat Stock.

SHEEP.

Wethers 1 Year Old and Under 2.

Owner.	Live wt.	Dressed wt.	Dressing out per cent.
1st—Jas. A. West.....	200	116	58.00
2d—R. H. Harding.....	132	76	57.51
3d—Minn. Exp. Sta.....	176	108	61.37

Lambs Under 1 Year Old.

Owner.	Live wt.	Dressed wt.	Dressing out per cent.
1st—Minn. Exp. Sta.....	118	70	59.32
2d—Wis. Exp. Sta.....	116	62	53.45
3d—Wis. Exp. Sta.....	110	59	53.64

Champion award went to James Wick on the 2-year-old.

CATTLE.

Two-Year-Old Class.

Owner.	Live wt.	Dressed wt.	Dressing out per cent.
Funk Bros., Angus.....	1235	824	66.7
Minn. Exp. Sta., Ang. gr. 1610	1040	664	63.4
Minn. Exp. Sta., Ang. gr. 1360	875	64.4	
Minn. Exp. Sta., Hol-Hfd. 1635	1074	65.7	
Turnhill, Red Poll.....	1680	1075	64.0

Yearling Class.

Owner.	Live wt.	Dressed wt.	Dressing out per cent.
Ia. Ag. Col., Shdn.-Gall.....	1200	799	66.6
Clarke, Shorthorn.....	1320	865	65.5
Palmer & P., Ab.-Ang.....	1050	689	65.6
Clarke, Hereford grade.....	1245	816	65.5
Botts, Shorthorn.....	1285	822	64.0

Other Exhibits.

Owner.	Live wt.	Dressed wt.	Dressing out per cent.
Swigart, Galloway.....	1190	710	59.7
Botts & Co., Shorthorn.....	1285	822	64.0
Brock, Hereford.....	1100	716	65.1
Hall, Angus-Shorthorn.....	1350	828	61.3
Swigart, Galloway grade.....	1070	661	61.8
Swigart, Galloway.....	1070	760	71.0
Palmer & Palmer, Ang.....	1050	689	65.6
Ia. Exp. Sta., Ang. gr.....	1650	1107	67.0
Minn. Exp. St., Hfd.-Ang.....	1650	1089	66.0
Minn. Exp. St., Ang. gr.....	1350	877	64.4
Swigart, Galloway.....	1740	1154	66.0

HOGS.

Dressed Carcasses Weighing 300 Lbs. or Over.

	Live wt.	Dressed Lbs. wt. shrunk
1st—Iowa Exp. Sta., Large Yorkshire.....	485	431
2d—G. G. Council, Berksh.....	355	319
3d—Iowa Exp. Sta., Large Yorkshire.....	520	447
Other Entries—		
Chas. Council, Berkshire.....	545	486
Chas. Council, Berkshire.....	515	454
F. E. Bone, Chester White.....	417½	364
W. H. Gilbert.....	370	337

Dressed Carcasses Weighing 200 Lbs. and Under 300.

	Live wt.	Dressed Lbs. wt. shrunk
1st—T. E. Laurie, Duroc-Jersey.....	320	266
2d—Iowa Exp. Sta., Berk.....	235	258
3d—J. S. Ames, Poland-Ch.....	310	256
Other Entries—		
G. G. Council, Berkshire.....	275	234
G. G. Council, Berkshire.....	285	250
Chas. Council, Berkshire.....	260	220

Dressed Carcasses Weighing 100 Lbs. and Under 200.

	Live wt.	Dressed Lbs. wt. shrunk
1st—F. E. Bone, Chester White.....	215	178
2d—G. G. Council, Berkshire.....	215	189
3d—Charles Council, Berkshire.....	225	186
Other Entries—		
Ia. Exp. Sta., Berkshire.....	220	179
G. G. Council, Berkshire.....	185	157
Chas. Council, Berkshire.....	195	165
John Goodwin, Jr., Thin Rind.....	255	222

CHAMPION.

Champion carcass, with competition limited to first prize winners in above classes, awarded to F. E. Bone, Ava, Ill., on Chester White carcass, in second class, with weight more than 200 pounds and under 300.

Results of Dressing Contests With Carload Lots of Fat Cattle at the International.

Krambeck's champion load of Angus steers yielded 65.3 per cent of beef when slaughtered at Swift's packing-house, dressing out 1,050 pounds dead weight, from the live weight of 1,619 pounds when sold to Swift & Co. at \$10.50.

The general dressing out of the show-steer cattle was highly satisfactory to buyers, figures on the cattle slaughtered by the Chicago concerns ranging at 56.4 to 67.3 per cent, the low-yielding loads being those of the Rogers Hereford yearlings and Miller Angus cows, while the highest yielding load was that of D. W. Black's Texas-bred Herefords.

Swift & Co. purchased fourteen loads of steers in the auction ring, which dressed out 60.1 to 65.3 per cent, averaging in live weight 868 to 1,619 pounds, the low-yielding load being Hereford heifers shown by W. F. Herrin, of Buffalo, Ill., while one load of Herrin's Hereford yearlings averaging 1,236 pounds live weight dressed out 64.9 percentage of beef.

The killing tests of the United Dressed Beef Company's steers will be made later this week, these cattle having been sent from here to New York. The dressing out percentages of the Dressed Beef Company's steers will hardly show up as favorably as those which were slaughtered here, though when it is considered that they have been held in the yards since the auction last Friday and shipped yesterday, and will not be slaughtered until late this week, any percentage which they make, even should they be several points under the locally slaughtered steers, will be comparatively high.

Armour & Co.'s killing tests of the seven loads of steers which they purchased in the auction ring were highly satisfactory to buyers, the D. W. Black's load dressing out 67.3 per cent from the average live weight of 1,445 pounds. The lowest dressing steers of the Armour purchase were the Sharp Herefords and Angus, which sold at \$7.40, these making 59.4 per cent of beef from the average live weight of 1,112 pounds.

Morris & Co.'s killing of the two loads bought by that concern yielded 64.4 per cent beef for the Hall Angus steers, which cost \$8.25, averaging 1,150 pounds, while the Weinburg & Rodewald Angus steers, which were purchased by Morris



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If you want to make your live stock give you the largest returns and make the most money for you, help them keep in the best condition; get more good out of their feed at less expense for feed with less worry and bother, then use

Standard Stock Food

More than 100,000 successful farmers and feeders say it is the best money-maker ever introduced on their farms. It makes the ration palatable; it stimulates the flow of the digestive juices; it quickens the circulation and tones up the entire system as does no other food. Tested 18 years, still the best stock food in the world.

From High Authority
J. Sterling Morton, Ex-Secretary of Agriculture said: "At Arbor Lodge we fed Standard Stock Food with the most satisfactory results to horses, cattle and swine. Its effect has been entirely in verification of all the good that has been said of it."

Topped the Market 4 Years
Addison J. Parker, Central City, Neb., says: "Standard Stock Food is just the stuff on the farm. By its use I have topped the South Omaha market four years in succession on fat cattle and also on fat hogs. By its use I make my dairy cows pay \$40 to \$50 net profit per cow per year."

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Special Trial offer
We have dealers everywhere, but if your dealer does not keep it send for our special Free Goods introductory offer. We know we can interest you.

Standard Stock Food Co., 1517 Howard St., Omaha, Neb.
Ask for Standard Poultry Food, Standard Worm Powder for Hogs, Standard Worm Powder for Horses, Standard Lice Killer, Standard Stock Liniment. They are standard.

Our Dr. Sanborn will answer Free all questions concerning the care of live stock in health and disease.

at \$7.30, made a yield of 62.2 per cent beef from a live average weight of 1,316 pounds. The Schwarzschild & Sulzberger yields from the six loads bought by this concern ranged at 56.4 per cent for Angus cows to 61.4 per cent for the Brown Angus steers which cost \$7.25 and averaged 1,092 pounds. The C. C. Judy Hereford yearlings, first in the Southwest class, which sold to Pfaltzer, P. & H., made a yield of 62.4 per cent from the average live weight of 1,567 pounds.

Dressing-out figures for the International car-load steers which were slaughtered by local concerns follows:

SWIFT & CO.

	Av. live wt.	Live price.	Per cent beef.	Per cent dead wt.
Kramback, Angus.....	1619	\$10.50	65.3	1060
Funk, Angus.....	1466	9.00	65.0	945
Keister, Hereford.....	1384	8.00	64.9	878
Waters, Shorthorn.....	1297	8.00	62.6	805
Herrin, Hereford.....	1236	8.35	64.9	732
Pinnell, Angus.....	1146	7.50	61.2	696
White, Angus heifers.....	1065	7.40	62.3	668
Escher, Angus heifers.....	1047	7.50	63.1	612
Sansom, Texas Heref.....	1421	7.00	61.4	866
Kerrick, Angus.....	1598	9.15	64.6	1034
Bell, Hereford.....	1448	7.00	62.1	891
Steiner, Texas Heref.....	1155	7.90	62.3	719
Clay, Hereford.....	1093	7.90	61.8	675
Rogers, Hereford.....	965	5.90	66.4	547
Herrin, Heref. heifers.....	934	6.00	61.0	561
Herrin, Hereford.....	868	5.90	61.0	529

ARMOUR & CO.

Owner.	Breed.	Av. live wt.	Per cent beef.	Per cent fat.	Price
Black, Texas Heref.....		1445	67.3	2.83	\$8.15
Camp, Hereford.....		1066	61.1	3.80	7.50
Keister, Hereford.....		1393	65.0	3.55	8.30
Sharp, Hereford-Angus.....		1112	59.4	7.40
Waters, Shorthorn.....		1303	62.4	3.10	7.50
Chandler, Shorthorn.....		1184	62.9	3.70	8.00
Leach, Shorthorn.....		1143	60.8	3.90	8.00

MORRIS & CO.

	Av. live wt.	Per cent beef.	Per cent fat.	Price
Hall, Angus.....	1150	64.4	\$8.25
Weinburg & R., Ang.....	1316	62.2	7.30
Miller, Angus cows.....	1326	56.4	6.50	\$4.35
Davis, Angus.....	1056	61.3	6.98	7.80
Shipley, Hereford.....	1103	60.9	7.10	7.60
Huffaker, Angus.....	1141	60.0	6.85	7.05
Rupel, Hereford.....	1112	59.6	6.10	6.90
Brown, Angus.....	1092	61.4	7.60	7.25

PFALTZER, PEARSE & HESS.

	Av. live wt.	Per cent beef.	Per cent fat.	Price
Judy Heref. yrlds.....	1567	62.4	4.01	\$6.75

The International Hereford Sale.

The last sale of the week of the International Exposition was made by the Hereford Cattle Breeders. Like the other sales of this week, there was a large attendance, good auctioneers, good management, and good cattle. This sale was managed by Thos. Clark, W. S. Van Natta and G. H. Hoxie, all well-known breeders. Col. R. E. Edmonson, Kansas City, officiated on the block, and the sale was considered satisfactory all around. The comfortable average of \$176 was made. Following is a complete list of the sales:

FEMALES.

	Price
Violet, consigned by H. F. Schnelker. Sold to E. R. Beebe, Clayton, Ill.....	\$120
Esther, consigned by G. H. Hoxie. Sold to George Leigh.....	150
Edith Wilton, consigned by H. F. Schnelker. Sold to J. A. Raabe.....	115
Belle Donald 2d. Sold to C. E. Gardner, Rochelle, Ill.....	150
Java Peppa, consigned by Frank B. Hines. Sold to Geo. R. Hemenway, Chicago.....	150
Belle Donald 42d, consigned by L. T.	

Mathers. Sold to H. F. Sands, Pentwater, Mich.....	140
Miss Lou, consigned by N. J. Hiltabrand. Sold to O. H. Nelson, Kansas City, Mo.....	60
Belle Donald 77th, consigned by W. H. Curtice. Sold to G. H. Hoxie, Thornton, Ill.....	430
Belle Donald 59th, consigned by W. H. Curtice. Sold to D. J. Hickey, Bradford, Ill.....	430
Belle Donald 87th, consigned by W. H. Curtice. Sold to A. S. Pratt, Avon, Ill.....	160
Silk, consigned by S. L. Brock. Sold to Frank Montgomery, Rossville, Ill.....	180
Rosebud 2d, consigned by S. L. Brock. Sold to E. L. Goss, Paragon, Ill.....	160
Narcissus, consigned by S. L. Brock. Sold to Frank Montgomery.....	180
Bluebell, consigned by S. L. Brock. Sold to Frank Montgomery.....	135
Elston Princess, consigned by John Lewis. Sold to J. A. Raabe.....	75
Laverne (twin), (calf at foot), consigned by W. H. Puterbaugh. Sold to E. R. Beebe.....	90
Mabel and b. c., consigned by W. H. Puterbaugh. Sold to O. H. Nelson.....	130
Red Clover 2d, consigned by W. H. Puterbaugh. Sold to H. F. Sands.....	60
May 3d, consigned by W. H. Puterbaugh. Sold to W. B. Calvert, Rock Falls, Iowa.....	75
Susie Edwards, consigned by Egger Hereford Cattle Company. Sold to A. C. Huxley, Bunker Hill, Ind.....	240
Rosy 2d, consigned by Egger Hereford Cattle Company. Sold to O. H. Nelson.....	115
Howell, consigned by Egger Hereford Cattle Company. Sold to O. H. Nelson.....	70
Silvia 3d and h. c., consigned by M. E. McGuire. Sold to F. K. Fridlein.....	145
Ona 3d, consigned by Sanford Bros. Sold to J. A. Raabe.....	80
Bright Edina, consigned by Sanford Bros. Sold to Frank Montgomery.....	75
Sparkle's Jewel, consigned by Robinson & Son. Sold to O. H. Nelson.....	100
Wilton Ruby, consigned by A. A. Fuller. Sold to H. F. Sands.....	145
Gene, consigned by A. A. Fuller. Sold to G. R. Hoxie.....	100
Ceres, consigned by W. S. Van Natta & Son. Sold to H. F. Sands.....	145
Miss Mayflower, consigned by W. S. Van Natta & Son. Sold to L. Van Natta, Lafayette, Ind.....	90
Red Lily, consigned by W. S. Van Natta & Son. Sold to J. A. Raabe.....	110
Flash (twin), consigned by G. H. Hoxie. Sold to H. F. Sands.....	200
Miss Kellogg, consigned by G. H. Hoxie. Sold to J. A. Raabe.....	55
Polly 3d, consigned by G. H. Hoxie. Sold to George Leigh, Aurora, Ill.....	130

BULLS.

Pilot, consigned by N. J. Hiltabrand. Sold to F. E. Wells, Chicago.....	160
Beau Donald 77th, consigned by W. H. Curtice. Sold to Paddock & Boyd, Sheffield, Ill.....	380
Beau Donald 39th, consigned by W. H. Curtice. Sold to W. E. Birks, Cleveland, Ill.....	655
Beau Donald 73d, consigned by W. H. Curtice. Sold to J. E. Boog Scott, Coleman, Texas.....	230
Beau Donald 70th, consigned by W. H. Curtice. Sold to S. D. Grover, Galesville, Wis.....	250
Beau Donald 71st, consigned by W. H. Curtice. Sold to Sanford Bros., Eminence, Ky.....	300
Disputer, consigned by S. L. Brock. Sold to A. S. Pratt.....	155
Elston Dude, consigned by John Lewis. Sold to J. A. Raabe.....	150
Rustle Armour, consigned by W. H.	

Puterbaugh. Sold to J. H. Peacock, Monroe Center, Ill.	40
Bon Bon, consigned by Joe C. Graddy, Sold to Clem Graves, Bunker Hill, Ind.	145
Lord Cobb, consigned by Egger Hereford Cattle Company. Sold to O. H. Nelson.	80
Insurer, consigned by Egger Hereford Cattle Company. Sold to J. A. Brigham, Princeton, Ill.	105
Clark's Perfection, consigned by Thomas Clark. Sold to J. E. Bogs Scott.	130
Perfection Still, consigned by M. E. McGuire. Sold to J. K. Fridlein, De Soto, Ill.	400
Bright Lad, consigned by Sanford Bros. Sold to Wardell & Gatty, Macon, Mo.	250
Bright Lad Jr., consigned by Sanford Bros. Sold to A. Batterman, Dyer, Ind.	310
The Maples Pride, consigned by J. C. Robinson & Son. Sold to M. Schoonmaker, Crete, Ill.	95
Rex, consigned by A. A. Fuller. Sold to T. E. Wells.	130
Cromwell, consigned by W. S. Van Natta & Son. Sold to Wardell & Gatty.	200
Admiral, consigned by W. S. Van Natta & Son. Sold to T. E. Wells.	205

Annual Address of President S. F. Lockridge, Greencastle, Ind., Before the American Shorthorn Breeders' Association.

"The present year has been a prosperous one for the American farmer and stockman. The records of all other years have been broken by this year's phenomenal yield of crops, the total value of which, estimated at current prices, will reach the enormous sum of \$3,200,000,000. The shortage of crops in many of the European countries, in some instances excessive, assures the American producer of a certain outlet for the surplus of this immense yield at satisfactory prices.

CATTLE INDUSTRY IN GOOD CONDITION.

"The live-stock interest of the country, notwithstanding the labor troubles that threatened for a time to paralyze this great industry along with its kindred interests, is in a healthy and promising condition. The readiness with which the trade conditions reacted at the collapse of those disturbances, and the firmness generally maintained in prices since then, are favorable indications of a continuance of such conditions for some time to come. And when we take into consideration the further fact that there is an upward tendency in nearly all industrial values, with an increased output and an increased demand, and that the inflated conditions of a year ago have given place to normal, sound and sane conditions, we can feel that the immediate future holds no menace of disturbing elements, but rather the golden promise of continued confidence, peace and prosperity in the business world.

GREAT FUTURE FOR SHORTHORNS.

"The Shorthorn industry shares with other interests in the general confidence. Not since this association was incorporated, it seems to me, have we had such cause for faith in the future of the breed. While the average prices of a few years ago, yet we should consider the fact that those prices represented inflated conditions that were not conducive to a healthy and regular trade. It has been unfortunate for the Shorthorn breeding interest that it has been subjected, within the last thirty years, to periods of inflated prices, at which times we have had an invasion of our ranks by a class of dealers who in the very nature of the case should not have the best interests of the breed at heart, but were influenced solely by the dollars and cents involved—mere speculators in pedigreed stock, who, when depressions came, deserted the colors as rats fly from a sinking ship. One of the most damaging results of this booming process is the eliminating from our ranks of the small breeder and steer-producer whose means will not permit of extreme prices, and who consequently seeks other sources for his sires or forsakes the field altogether. But the present conditions are such that this class of producers can obtain improved blood at a fair valuation, and the indications are that they are taking advantage of their opportunity in large and increasing numbers.

PUSHED SCRUB CATTLE BACK.

"The lesson of the failure of the scrub-bred and dairy beast to pay for his feed and lodging-bill as a beef-producer has been borne home to his erstwhile owner in a most convincing way, as the everyday market reports emphatically attest. Nor is this conversion confined to what has been known as the beef-producing States of the Middle West. The pedigreed sire is surely pushing his way over the old boundary lines on every side. He has crossed the mountains and the desert and found a congenial home in the Pacific States and the contiguous territory. He has invaded the great ranches north and south, and so potent has been his impress on the nondescript cattle of that vast grazing country that now nothing less than the positive proof of the purity of his blood in the shape of a certified copy of his pedigree will be accepted by the owners of the great herds into which he is to go. In the old States of the East many sections are returning to their first love, while from the far South, below the fever-line, where tobacco and cotton have hitherto reigned as kings, comes positive assurances of a growing interest in improved blood, accompanied by the Macedonian cry of 'Come over and help us.'

So, from every point of view the prospect is encouraging for the final extinction of the scrub and the enthronement of the pure-bred in his place. The process of regeneration may be slow, but it will be sure.

YEAR NOTABLE FOR GREAT SHOWS.

"The year 1904 has been preeminently a year of shows. In addition to the regular list of fairs and National shows to which we made liberal appropriations, we had the Louisiana Purchase Exposition, where Shorthorns were in evidence in such numbers and quality as to satisfy the most skeptical that the popularity of this great breed of cattle is steadily increasing, and also to assure us of the wisdom of the large appropriation made by this association for that exhibition. In all of the breeding classes the entries were large and represented the best of the breed in individual quality, and by common consent of those who witnessed it the exhibition was the greatest in interest and in educational results ever given in this country.

"In the dual-purpose demonstration, to which we also liberally contributed, the results were in most respect highly gratifying, and notwithstanding the collapse of one feature of the test through no fault of ours or the commissioner in charge, the record made by the Shorthorn contingent in the production of milk and gain of flesh during the period of the test was in excess of all other records made by any breed up to this time. The claim that the Shorthorn is the greatest of all dual-purpose cows was fully and completely sustained, as the daily record of the demonstration will show.

PRAISES QUARANTINE CATTLE SHOW.

"As a fitting close to the great live-stock show at St. Louis, the below-the-quarantine-line exhibit of cattle was held a few weeks ago. With less than a score of spectators in attendance, and under the most unfavorable conditions of weather and general environment, the exhibit of the Shorthorn part of it was successful in every way. The extra quality of the entries in nearly all of the classes was certainly a fitting tribute to the public spirit, energy and courage of the Southwestern breeders, who, under the most adverse conditions, have labored so strenuously to plant the banner of the 'red, white and roan' in that far-away region. The aid that has been given by this association within the last few years in the way of appropriations to the shows of Shorthorns below the line has assuredly been fruitful of good and lasting results.

SOUTHLAND WANTS MORE SHORTHORNS.

"The success that has attended the Texas breeders in the improvement of their cattle opens up the question whether like efforts might not be productive of good results in the fever-infected States east of the Mississippi. The material conditions may not be so favorable as those farther west, but the Shorthorn is a cosmopolitan, and the facts of his history prove that he is at home under all environments, and has never failed to impress his qualities upon every breed of cattle upon which he has been tried, whatever that breed's conformation and characteristics may have been. The desire seems to be growing with the farmers and stockmen of the Southern States for improved conditions in farming and in the breeding of live stock, and every encouragement possible should be given them in aid of this laudable purpose. Our association, I am sure, is ready and willing to render all possible assistance to the Southern breeders in their efforts to improve their cattle by the use of good Shorthorn blood.

FAVORS INTERNATIONAL STEER SHOWS.

"In my remarks to you a year ago mention was made of the annual appropriation of \$2,500 to the steer classes at the International exhibitions. Sufficient time has not yet elapsed to show the full effects of that action, but there is no reason to doubt that response from the breeders and feeders will in time be effective, and that we shall soon have all the classes filled at this great show with Shorthorn steers that will be an honor to the breed they represent. The importance of the pure-bred and high-grade steer at our shows as a means of bringing to public notice the great merits of Shorthorn cattle as beef-producers, it seems to me, can not be overestimated. He appeals in a direct way to a class of men that ordinarily can only be reached by a practical demonstration. Having little knowledge of pedigree stock except as he sees it on dress occasions, the farmer and steer-breeder is often inclined to receive with many grains of allowance the claims of superiority made on behalf of pure-bred cattle, but an object lesson in the shape of a finished steer appeals quickly and effectively to his idea of the useful as well as the beautiful. I believe that every effort should be made by the association to strengthen the steer classes at our shows, and if the amount already appropriated is not sufficient to bring forth the best results, that we should increase the prize fund from time to time as occasion demands.

WANT GRAVE ABUSES RIGHTED.

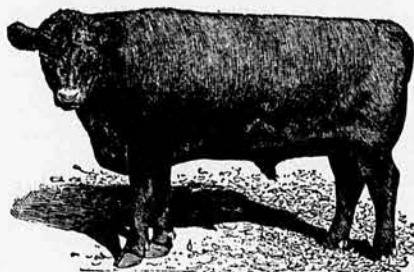
"As breeders of pedigree stock we are necessarily closely allied to the cattle-growing industry in its manifold aspects. The conditions of markets, the facility and rates of transportation, the cost of production, and the annual losses to the feeding interests, all more or less affect our interests as producers of pure-breeds. The great losses sustained by the live-stock trade in the last few years by reason of inefficient shipping facilities, increased freight rates and tardy transportation, has led to a general protest, and finally to the organization of the Cattle-Growers' Interstate Executive Committee. According to the report of this committee, recently published, its efforts in many respects have been highly satisfactory and resulted in correcting a number of the evils complained of. This association has been ably represented at the conferences of the committee by our special agent, Colonel W. A. Harris. It is hoped that further efforts of the Cat-

tle-Growers' Committee, with the aid and sympathy of all live-stock interests, will result in measures of relief from the intolerable conditions that now surround the transportation business.

"The secretary's report will give you the details of the year's work ending October 31. As was expected, our income has not equaled that of last year. The receipts from pedigrees show a falling off of \$11,348, and from certified copies of a little over \$2,000. Yet, notwithstanding the heavy expenditures of the year, largely due to the appropriations to the Louisiana Purchase Exposition, our receipts from all sources will enable us to meet all obligations without having to draw upon our reserve fund."

\$15 Live Weight.

We present herewith an illustration of Funk's Choice. He won the grand championship over all competitors in the dressed carcass competition at the International Live Stock Show, 1904. Funk's Choice was fifteen-sixteenths pure-bred Angus; 30 months old and sired by Royal Judge 20371; dam Heather Lass



6868. He, together with twenty-five others, was put in the feed-lot about January 1, 1904, and was gradually brought up to full feed of Funk's High Protein Corn, being fed twice a day, and was allowed the range of a twenty-five acre pasture. This steer was not halter-broken until ten days before the International Live Stock Show and at no time was he picked out from the other steers in the herd for any special attention; that is to say, he was not pampered or stall-fed, but was fed as thousands of other cattle are fed upon the Funk farms.

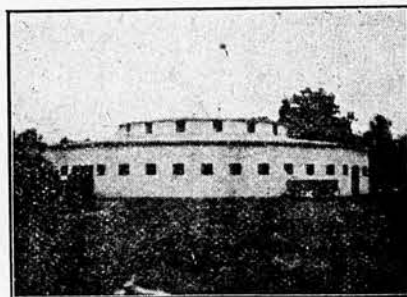
Live weight of Funk's Choice, lbs.	1,235
Dressed weight, lbs.	824
Per cent of yield.	66.7
Weight of fat, lbs.	107
Weight of hide, lbs.	71

Sold to Siegel & Cooper, Chicago, Ill., for \$15 per cwt.

The Funk farms on which this steer was raised are famous throughout the stock markets of the world for sending only the choicest beef to market. It is essentially a corn farm and consists of 25,000 acres in one tract of black prairie land in the center of Illinois. This farm is well-known to most of our readers through its fame as the farm on which Funk's pure-bred seed-corn is raised.

The Dietrich & Spaulding Poland-China Sale.

We always like to advertise a sale of Poland-China hogs for Dietrich & Spaulding, of Richmond, Kans., because we can



say so many good things about the animals they have for sale. The herd is headed by U. C. Perfection 30837, who was the sire of the show-herd with which they won so many premiums at the various fairs this fall. This great boar is assisted by Black Chief's Perfection 23527, who is a full brother to Missouri Black Perfection. Another herd boar and one of the best, is Dietrich's Darkness 91453, by Proud Perfection and out of Darkness. Yet another one is D's Ideal Sunshine 81611. The sows offered in this great brood sow sale, which will be held at Ottawa, Kans., on Friday, December 30, next, will be bred to these boars and also some of them to Big Style 83547, a son of Kansas Chief, which made the herd of C. M. Garver & Son, of Abilene, so well known. Big Style will be included in the sale. Among the other animals offered in the sale we notice Bonnie Perfection, who was the sweepstakes sow at the Ottawa Fair this fall, and who will be sold with a litter at side by Missouri Black Perfection 2d, who was the sweepstakes boar at the Ottawa Fair and who was later sold to head the herd of S. H. Lenhart, Hope, Kans. In this sale there will also be a number of gilts sired by Black Perfection 2d, and also the sweepstakes sow at the Kansas State Fair, that was sired by U. C. Perfection, and has been bred to Compromise, the great young boar recently sold to head the herd of A. & P. Schmitz, of Alma, Kans. Other sows included are Missouri Fashion 219398, Nemo E. L. 215270, by Perfect E. L., who will be bred to Black Chief Perfection, a full brother to Missouri Black Perfection; Saunders Gilt Edge 230596, and Handsome Prize, that is No. 7 in the catalogue, and was first-prize yearling gilt at the Ottawa Fair, and second in her class at the Kansas State Fair, and a member of the herd that won first prize in both of these fairs. She was sired by Chief Ideal 2d, who took first prize at Ottawa and Topeka, and was sold later to head the herd of C. S. Nevius, Chiles, Kans. She will be sold with a litter at foot by U. C. Perfection. Another fine young sow is Beauty Sunshine, bred by F. M. Lall, of Marshall, Mo., and is one of the good things of his breeding. There will also be two gilts by Missouri Black Perfection, out of Victress Sunshine 199704, whose full

(Continued on page 1238.)



The case of Miss Frankie Orser, of Boston, Mass., is interesting to all women.

"DEAR MRS. PINKHAM:—I suffered misery for several years. My back ached and I had bearing-down pains, and frequent headaches. I would often wake from a restless sleep in such pain and misery that it would be hours before I could close my eyes again. I dreaded the long nights and weary days. I could do no work. I consulted different physicians hoping to get relief, but, finding that their medicines did not cure me, I tried Lydia E. Pinkham's Vegetable Compound, as it was highly recommended to me. I am glad that I did so, for I soon found that it was the medicine for my case. Very soon I was rid of every ache and pain and restored to perfect health. I feel splendid, have a fine appetite, and have gained in weight a lot."—Miss FRANKIE ORSER, 14 Warrenton St., Boston, Mass. —\$5000 forfeit if original of above letter proving genuineness cannot be produced.

Surely you cannot wish to remain weak, sick and discouraged, and exhausted with each day's work. Some derangement of the feminine organs is responsible for this exhaustion, following any kind of work or effort. Lydia E. Pinkham's Vegetable Compound will help you just as it has thousands of other women.

LIMESTONE VALLEY FARM



The home of the largest and best herd of registered Jacks and Jennets in the United States. Won 70 prizes at the great World's Fair, including every champion and grand champion and every first prize in all classes except three. Also saddle stallions for sale. Come and see us and we will treat you right. L. M. MONSEES & SONS, Smithton, Pettis County, Mo.

FOR SALE



10 Holstein Heifers

With First Calves.

Also one young bull, not related.

Go d breeding and low prices.

FRANK WIGGINS,

Route 1, Lawrence, Kans

KNOLLWOOD

BERKSHIRES

Pacific Duke 56691, the 1,000 champion show and breeding boar from herd of S. B. Wright, Santa Rosa, Cal., bred by N. H. Gentry; Model Princess 60134, by Halls 60125, sweepstakes Pan-American sow; Stumpy Lady 63409 by Combination 58028, sweepstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 47971; Lady Lee 99th 55035, the \$180 daughter of Lord Premier 50001, and other "Blue-Bloods." Sows bred to 3 grand boars and young stock for sale.

E. W. MELVILLE, Eudora, Kans

ZENOLEUM

Famous OOAI-TAR Carbolic Dip

"For general use on live stock. Send for 'Piggies' 'troubles' and 'Zenoleum Veterinary Advisor' and learn its uses and what prominent stockmen say about it. Books mailed free. All drugists or one cal., exp. paid, \$1.50; 5 gal., freight paid, \$6.25. ZENNER DISINFECTANT CO., 61 Bates St., Detroit, Mich.

DIVIDEND JAN'Y 20 ABSOLUTELY GUARANTEED

Publishers' Company Secures Two More Great Oilers, Making 40. Work Has Commenced on No. 45. 100 Oilers Will Be Completed by Next September.

20,000 of stock now offered at 27 cents per share will advance past \$3.00 per share in the next sixteen months. For a few hours only you can secure Dividend Paying stock in this great company as follows: 100 shares, \$27.00, par value, \$100—250 shares, \$67.50, par value, \$250—500 shares, \$135.00, par value, \$500.00—1,000 shares, \$270.00, par value, \$1,000—5,000 shares, \$1,250.00, par value, \$5,000.00.

39 and 44 Both Big Oilers As was expected, the Publishers' Oil Company secured oil in both Nos. 39 and 40 Thursday of last week. Both wells were drilled in within a few hours of one another, and both were shot on the next day, and both are now flowing and pumping oil into the Publishers' receiving tanks and paying for themselves. Eighty feet of sand was secured in both wells. One had 34 feet of rich pay sand and the other 36. Both are great oilers and will settle down to better than 12 barrels per day. They will pay for

themselves and turn some money into the treasury in three months, and then will pump for 50 years clear profits into the pockets of the stockholders of this company. Better buy a thousand shares in this great company while you can and secure some of these immense profits. If you will remit by return mail you can now secure 1,000 shares for \$270.00—par value of 1,000 is \$1,000.00—and there is no doubt but what the stock will go to par in the next 10 months.

Drillers at Work on Number 45.

Work in the Publishers' oil field is moving right along. The company is doing more real development than any five stock companies in the oil fields. Today four drills and five derricks are walking right along with the development. Work commenced today on No. 45. Four more wells will be completed in the next eight days, two of them in about three days. Better line up with the recognized leader of the oil fields before ten or fifteen more oilers advance the stock to a half dollar per share or all is sold and off the market. If you have not a large amount to invest, buy five hundred shares, which you can now secure for \$135, par value of 500 is \$500, and in sixteen months this five hundred is almost sure to be worth \$1,000.

Over One Mile From Oiler to Oiler.

To give you some idea of the magnitude of the Publishers' oil field, just picture in your own mind a body of derricks covering a territory of over one mile in width, with room on the inside of the proven field for over one hundred more oilers. It is over one mile from Publisher No. 29, on the Kincaid land, to Publisher No. 37, on the Snyder land. The Publishers' company has a field all its own. There are localities in the oil fields where six different companies are operating on less proven territory than the Publishers' has.

Possible Production 4,000 Barrels Per Day—Stock May Go to \$10 Per Share.

A few shares in a strong company are better than a whole lot of shares in a company with nothing or a co-partnership on a dry hole. A man with \$27 can secure property in the Publishers' company that may go to \$10 a share in the next six years. This company now has more oilers than any stock company in the oil fields; they are big oilers, too; they have room on proven grounds for over 180 more. Stock is sure to go up fivefold yet, and, with good success, in five years may reach a record breaking price. The company is surprising the oil fields. It is under the management of men who offer as their best reference the success of the past; one success generally follows another. The policy of the company will be to go forward, and the company may be able to complete a

thousand oilers in the oil fields in the next five years. Your money invested in this stock will grow in value even while you sleep; it will increase on the compound interest plan. A big oiler will be completed every two or three days. Remember development walks right along in the Publishers' oil field, and your money is not only safe invested in this stock, but will draw you good dividends, and you need not be surprised to see stock go to ten dollars per share in the next few years.

Dividend Will Be Paid Monthly, Commencing January 20.

The Publishers' company has already delivered close to ten thousand dollars' worth of oil and in the next six weeks will put out that much more. A dividend will be paid on January 20. Now, if you want a pension monthly, better line up with this company while you can; you can secure 5,000 shares now for \$1,250, in sixty days they will be three times this price.

Send for Bird's Eye View.

The company has a small bird's eye view of the north part of the field which it will send to prospective investors on request. Write for full information today or come to Cherryvale on the first train.

Property Worth Over \$450,000.

When you buy stock in the Publishers' company you secure stock that has assets behind it, you do not buy a bunch of hot air or some blue sky. This company has oil, the pumps are running where every one can see them; the drills are drilling in plain view, the field is lighted by night and you can see over the field either night or day. The property today cannot be secured in the oil fields for the above amount or in fact another property like the Publishers' have cannot be found any where in the oil fields. Every share of stock you secure in this company now for 27 cents has 32 cents in solid values back of it, with prospect that the property will soon be worth five times this amount.

Big Deals Closed Every Day.

Investors have shown by their acts that they have more faith in the Publishers' Oil company than any company in the oil fields. Stockholders are the ones who are now buying stock as well as outsiders. One day last week on one mail eight letters were received and six of them contained checks and drafts for Publishers' stock and the other two were requests that stock be reserved a few days. The company has just what it advertises and the better you get acquainted the more stock you will want for investment in this stock is safe. Five different deals were closed last week, averaging over \$700.00 each. The company is expending in legitimate development now over \$400.00 per day, the time is limited that any one can buy the stock at any price for the production will soon keep up the development.

Will Soon Have Two Pumping Plants.

Arrangements are now being made to install another big pumping plant. The field is getting so great that one pumping plant will not pump all the wells. When the field is developed it will take four pumping plants in this one field, while the company have nearly 800 acres other oil lands. The Publishers' are a real oil company and the stock is cheaper at 27 cents than any other investment offered in the Central West.

Wells Will Last for Fifty Years.

The oil fields in the East have been in operation over forty years and the oil and the sand that the oil comes from in the Kansas field is as good if not better than a great many of the Eastern fields. When you buy Publishers' stock you will secure stock that commences next month to pay you a monthly dividend and from the oilers now completed will mean a steady income for a life time, for these ten-barrel oilers are good for fifty years. A small investment in this stock now may mean an independent income in a few years. The time to invest in any enterprise is when that enterprise has proved its holdings like the Publishers' has and is just making the grand finish on its development. There are room for 200 oilers on the one property where the big development is progressing. Suppose you take 1,000 shares now at \$270.00, what do you suppose it will be worth by next September when 100 oilers will be completed?

Asphaltum Oil Worth a Dollar Per Barrel for Road Building.

The Publishers' Company have a pool of oil down on the Barker, Snyder and Hill lands that has been found to be the only oil in the state suited to the building of roads. There is a movement on foot now, with the assistance of a wealthy merchant in Cherryvale to form a syndicate to build oil roads. An oil road can be built for one-tenth of the cost of a rock road. In addition to a production of over 300 barrels per day of the highest grade oil in the oil fields, the Publishers' could, in 90 days' time, put out over 1,000 barrels of asphaltum oil a day, and this oil to build roads with is worth at least \$1.00 per barrel. Any business man who will take the time to come down and go over the Publish-

ers' field can see after twenty minutes in the field that it is no bluff about stock going to \$3.00 per share. Don't wait until the full worth of the field is discovered, but line up with this company now and share with it in the future good fortune which is sure to come.

Does Not Try to Fool Investors—No Tricks Resorted To.

Some concerns come out and make a big fuss about having 3 and 5-cent stock for sale and talk about a small capitalization, and will attempt to lead you to believe that their company is composed of three or five hundred thousand shares, when in reality the par of the stock is only 10 to 20 cents and the company, instead of having THREE HUNDRED THOUSAND SHARES, is capitalized at THREE MILLION SHARES. The par value of the Publishers' stock is \$1.00 per share, and not 10 or 20 cents; one share of Publishers' stock bears the same relation to the whole amount as TEN shares of this 3 or 5 cent stock does.

Over \$100,000 Spot Cash Back of This Company.

Some people get a foolish idea into their heads sometimes and think that all oil companies are fakes and that they do not own property of any great worth. Now this is all a mistake when applied to the Publishers' Company at any rate. The company has invested in spot cash right at one hundred thousand dollars and they have been counters. The property today is worth close to \$500,000, and will be worth over a million by next September. The stock in the company will be sought for soon by some men today who are not wise enough to take hold when this company could use their help. The Publishers' Company pays out enough in development to break some banks every thirty days. There are some soreheads who plug this company who could not pay for the postage stamps used.

When Field Is Developed 1,000 Shares Will Earn Three Barrels Daily.

Every day you will hear the expression that the little investor has no chance. Now there are very few men who cannot take 1,000 shares of the Publishers' oil stock that today they can secure for \$270.00. This will give you nearly a half barrel of oil a day right now, and by January will make nearly one barrel of oil daily, and when the field is developed will earn you very close to three barrels a day.

Check From the Standard Oil Company for \$2,739.17.

Publishers' company are selling oil, the production now is running close to \$1,400.00 per week. At one dip three weeks ago the Publishers' company received a check from the Standard Oil company for \$2,739.17. It takes oil to secure such remittances as these. It takes oil checks to pay dividends. Publishers' stock means something. Come down and go out to the field, walk upon the tanks and see the oil as it gushes into the receiving tanks at the rate of over thirty barrels per hour. See the four drills as they go deeper and deeper for more oil; see the big Standard Oil pump as it pushes the oil

away to market and turns gold into the Publishers' treasury. The Publishers' company are now prepared to handle a 500-barrel production alone on the Kincaid land. The company has tankage on their holdings now for over 4,000 barrels; they have over six miles of shale rods; over three miles of lead pipes; over four miles of casing. They have a fifty-well pumping plant completed and pumping; have a house built for their field men; have boiler and tool houses and tank house, and gas piped oil over the lands.

100 Oilers Under the Pump by Next September.

Now, this may sound rather big but just remember that this company has drilled ten times as many oilers in the last six months as any stock company in the oil field. It is very strong now, one success generally following another. Fifty wells will be completed by January, seventy-five by June and one hundred by September. The men who buy Publishers' stock will not only have a dividend-payer after January, but the stock will be growing in value even while you sleep.

Holdings Over 1,350 Acres.

Holdings of the company are the Taylor 320 acres, Anderson 160 acres, Jess Snyder 160 acres, Barker 100 acres, Hill 60 acres, Kincaid 160 acres, and Sparks 80 acres, all of which are just across the line in Labette county. In Montgomery county are the Daugherty, 159 acres, and the Burns, 161 acres.

A Lake of Oil.

The big development of the company is on the lands lying in one body four miles southeast of Cherryvale, just across the line in Labette county. Here the company has the oil rights from bluff to bluff across Big Hill creek, and here, are now completed forty oilers, with four drills and five derricks working night and day for more producers.

Personnel of Company.

President, James Ingersoll, Pocatello, Ida. Reference, any bank in Laramie City, Wyo., or Pocatello, Ida.
Vice presidents, J. H. Ritchie and A. S. Koonce, both of Cherryvale. References, Montgomery County National bank, and the Cherryvale State bank, Cherryvale. Mr. Ritchie has been a resident of Montgomery county twenty-eight years.
Secretary and treasurer, H. H. Tucker, Jr. Reference, any county officer in Ottawa county, Kan., or any bank or business house in Minneapolis, Kan., or any bank in Montgomery county, Kan., especially the Montgomery County National bank at Cherryvale, and also the Coffeyville Brick company at Coffeyville, Kan.

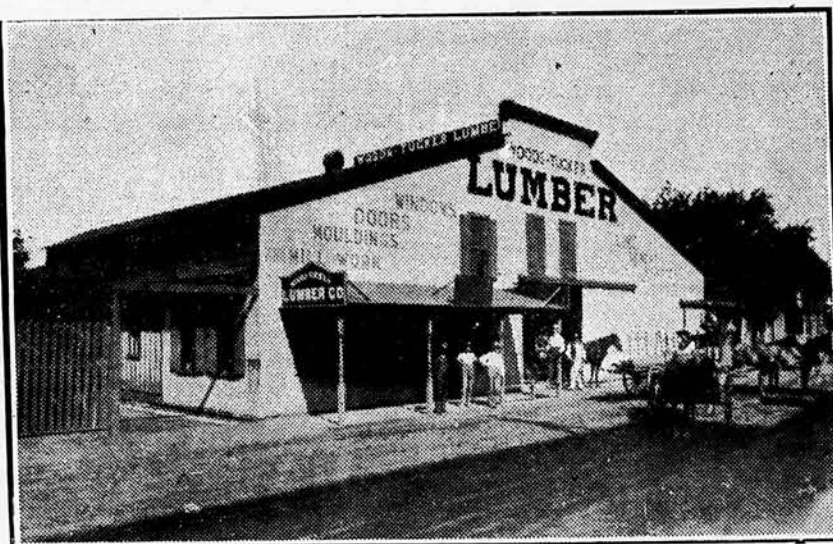
Directors of the Company.

James Ingersoll, A. S. Koonce, J. H. Ritchie, H. H. Tucker, Jr.

Authorized Capitalization.

\$1,250,000.00. Property worth today on a cash basis over \$400,000.00. Spot cash to date back of the company is over \$96,000.00, every dollar of which has been invested where they are counters. Par value of the shares is \$1.00 each, now selling for 27 cents.

Annual Stockholders' Meetings Are on June 20th of Each Year.

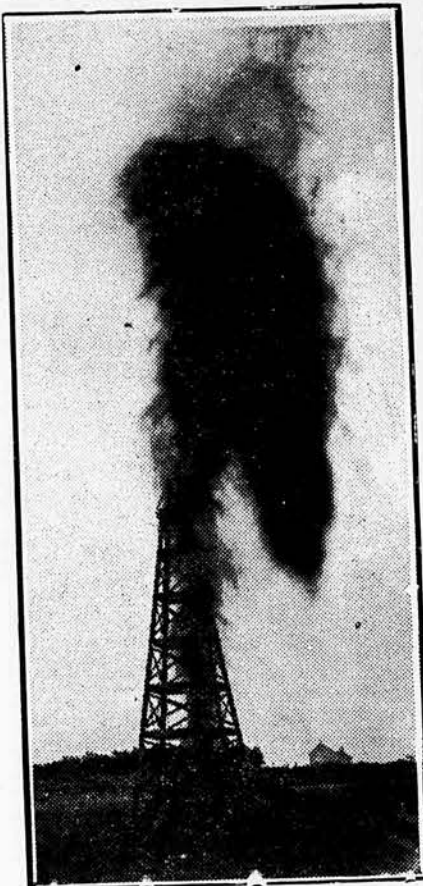


HOME OFFICE OF THE COMPANY.

The home office of the company is at the Woods-Tucker Lumber Yard at Cherryvale. Lumber was traded from this yard for oil rights that was the foundation of the company. Like the lumber yard, the oil company is builded on solid values, is under the management of men who succeed, and money invested in the stock is safe; one success generally follows another. The company did not have an oiler ten months ago, today they have 40 and are at work on number 45. This company started out with the motto "That an oil stock company could be handled just as honorable and successful as a bank." The company now has one of the most valuable oil properties in the oil fields, and satisfied stockholders all over the United States and into Canada to bear witness to the above motto. If you have money to invest, better join this company while you can.

Address all Letters to

H. H. TUCKER, Jr., Secretary, Cherryvale, Kansas.



The above is a picture of the Big No. 31 well, which was completed by the Publishers' Oil company on Monday, November 7. The well flowed through a six-inch hole in less than ten minutes after the shot and flowed into the Publishers' tanks 108 barrels in the first twenty hours and is now pumping over twenty barrels daily. The oil is high grade, testing over 35. This well will make one of the very largest the company has. This well will cost the company just \$1,140.69. It has already paid back over one-third of its original cost. The well is nearly the center of the Publishers' lands, closer to the north line than the south and there is room for over twenty-five wells yet on undeveloped territory to the south alone, while to the southwest, where the best oil seems to trend, the company has room for over fifty more oilers.

The Young Folks

CONDUCTED BY RUTH COWGILL.

What Are You Wishing?

Do you wish the world were better?
Let me tell you what to do—
Set a watch upon your actions,
Keep them always straight and true.
Rid your mind of selfish motives,
Let your thoughts be clean and high;
You can make a little Eden
Of the sphere you occupy.

Do you wish the world were wiser?
Well, suppose you make a start,
By accumulating wisdom
In the scrapbook of your heart,
Do not use one page on folly;
Live to learn and learn to live;
If you want to give men knowledge,
You must get it ere you give.

Do you wish the world were happy?
Then remember, day by day,
Just to scatter deeds of kindness
As you pass along the way.
For the pleasure of the many
May be oftentimes charged to one,
As the hand that plants the acorn
Shelters armies from the sun.

—Ella Wheeler Willcox.

A Little Talk on Clothes.

[Miss Dorothy Dean's second letter to her niece.]

My Dear Dot:—Your answer to my last letter was a long time coming, but it was worth waiting for. You showed the stuff that you are made of by the sweet-tempered way in which you took my somewhat irritating letter. I was not wrong in relying upon the Dean blood to take a blow gallantly—and my plain-speaking was a blow to your self-esteem, I can not doubt. I feel justified in being proud of my namesake.

I am going to make this letter interesting to you and I know how I can do it. For there never was a girl who did not like to hear about clothes. Now that the fashions of our grandmothers have come into vogue again, I wonder if some of their daintiness will not come also. You will of course—if you have not already—have a dress made with the wide full skirt and huge sleeves. Do you know, these designs of long flowing lines seem to me particularly graceful. Perhaps it is because I thought they were pretty when I was a girl. I do hope you will not trim your dress in burnt orange, nor have a bit of it about you. Oh, yes, it is a beautiful color, but I am so tired of seeing it—for every one wears it—and besides, it will not be becoming to you. I think it is ever so much more stylish to wear colors that are a little different from the thing that everybody calls "swell," than like an ape to imitate the crowd. It gives one an air and look of distinction to dress according to one's taste.

The matter of dress is not an unimportant thing, and you need not call yourself silly or frivolous if you spend some time in making yourself look pretty. There is no reason in the world why you should not look pretty. Every young girl who is wholesome and neat and dresses well is pretty. When I say "dresses well," I do not mean dresses expensively. Ready money is not plentiful in your home, for though your father is a successful farmer—(he is a smart man, my dear, and I want you to be proud of him as I am)—yet, though he is prospering more than you realize, his fortune is in stock and machinery and land, and you children do not have much to spend. That is all right, my dear, do not think of complaining about it. Your father is doing the best he can for you all and you live comfortably and have a good home. But I want you to have the habit of being always well-dressed. It costs no more and it gives you a feeling of self-respect that is very pleasant and good for you. You admired my clothes when I was at your home, and you kept telling me so many times how "nice" I looked. I will tell you the secret of good dressing and then you can look much lovelier than I, for you are young and you will yet be pretty. The secret of being well-dressed is not money nor even what is called "swellness." It is simply good taste. Study your appearance. Think about it. Find out what colors are becoming ones. I

shall not advise you at all as to what colors, for I would rather you would find this out for yourself. There is one very important particular about dressing that you entirely overdo, and I do not see how you can, and that is the combination of colors. It affects me like jangling cords, or like something gritty in my teeth, to use inharmonious colors together, and I do not see how you can wear them without real physical pain. That purple waist and blue skirt of yours are absolutely hideous, and it is a positive sin to wear them. Throw away that purple waist and send me a sample of the skirt and I will send you a blue waist that will look pretty. And, my dear, as you love me never wear cheap satin again. Rich, heavy satin is beautiful, but you can not afford that, and that cheap stuff is abominable. I would rather a thousand times see calico, than that stuff. Whatever you wear do not let it be cheap looking. If you can not afford a good quality of woolen stuff, get a good quality of print. Cheap clothing cheapens the whole character. It has its sure effect upon the wearer, and it indicates, at the best, a woeful lack of refinement. Another thing I want you to throw away is your last summer's hat. If you will look at it thoughtfully in the light of what I have just said, you will understand. I do not want you to be extravagant for the world, for extravagance is in its way as vulgar as cheapness. If you manage aright, you do not need many dresses. One pretty shirt-waist suit with different collars and turn-overs, and two or three dainty percale or gingham house-dresses are all that you need. If I were extravagant it would be in shoes and gloves and underclothing. I would far rather be daintily clothed in these particulars than to have a great variety of dresses and hats. Spend more of the time you have for running around in making your clothing dainty and you will be better profited.

And whatever you do, dear, and however you want to look, be always clean. A soiled turn-over or a torn handkerchief—(and that reminds me—please do not ever carry a cotton handkerchief; you can get a plain linen one for five cents, and they are vastly more elegant than those elaborately trimmed cotton things!) but, as I was saying, these little accessories should always be daintily clean. That is their charm, and if you can not have clean ones, do not wear any. And as soon as you find a soiled spot on your dress, clean it off at once. And if there is a little tear, or a worn place, or a rip, or the braid is coming off, fix it at once. I was horrified that day when I saw you pin up the braid on your skirt and go visiting. You will think about all these things, will you not, my brave little Dorothy, and tell me what you think of them? Do not just believe they are so because I say them. Think them out and if you

do not agree, tell me so and perhaps I shall be convinced. At any rate, it will do you no good for me to lecture you like this, even if you do try to do as I say, unless you get some convictions out of it all.

Hoping that you will still love me, even if I do seem something of an "old fogey" in my ideas, I am

Yours ever lovingly,

DOROTHY DEAN.

Justice Brewer's Eloquent Plea.

"When Justice Brewer so emphatically denounced lynching at Milwaukee he gave no mere academic expression," said Henry D. Esterbrook, of Chicago, general solicitor for the Western Union Telegraph Company, as recounted by a correspondent. "I believe he would be willing to put his opinion into practice, for I know of one occasion when his tact and moral courage saved a negro from being lynched."

"About twelve years ago Justice Brewer was a member of a hunting party in the northern part of Wyoming. Among the others who went along were Judge Davis, now of the Philippine Supreme Court; Elmer D. Frank, clerk of the United States Circuit Court at Omaha, host of the party, and his eight-year-old son, myself and one or two others. As our cook we had a negro whom every one called 'Bill Goat,' for he was credited with having butted a goat to death. He was a great, burly fellow, a fair cook, and, like most of his race, extremely fond of liquor. He had been told not to touch the demijohn in the mess wagon, as its contents were supposed to be for medical purposes. But, judging from subsequent events, he did not obey these orders."

"Before very long 'Bill Goat's' peculiar accents were noted. He had every appearance of a negro crazed by drink. Once when a bear was shot he went up and butted the dead animal with his head. When the grizzly was skinned the negro wiped his bloody hands on Justice Brewer's clothes."

"The negro's actions were becoming alarming, and a member of the party was sent down to the creek to tell Mr. Frank of the situation. He came running to the camp at once. The negro was prancing around like a mad bull, threatening to kill us all."

"'I'll kill you!' he shouted when he saw Mr. Frank. He made a rush toward his employer. Frank had great physical strength and was an expert boxer. He met the rush with a terrible blow in the negro's face. It did not jar 'Bill Goat,' and the dose was repeated again and again. 'Bill Goat' then ran and grabbed the camp ax. We got our rifles and the negro was covered by three Winchesters in less time than it takes to tell it. The negro stood in front, brandishing his ax. Behind him was Justice Brewer without a weapon of any kind. This did not seem to bother the jurist. He stole up behind the crazed negro and, like a flash, wrenched the ax from his hands."

"The negro then tore around the camp, threatening to kill us all, and the rest of us held a council to decide what to do with him. He always kept so far from us that it was impossible to lasso him and tie him up, and the lives of the whole party were menaced. A horse wrangler, a man used to Western justice, advocated lynching him to save the rest of us. Aggravated by the occurrences of the day, the majority of the party sided with him. The decision was to hang the cook if he could be caught, otherwise to shoot him. Justice Brewer took no part in the consultation, although it was plain that the determination of the others did not find favor with him. He did not speak until a little incident gave him the cue. Mr. Frank got out his lariat and started to coil it. The grim silence was broken by a cry from his little son, who was much attached to the negro."

"Papa's going to hang 'Bill Goat,'" he sobbed. 'Papa's going to hang 'Bill Goat.'"

"Justice Brewer then got up and turned to Mr. Frank:

"I can't say that I blame any of

Bring Up the Boy to Bring Down the Game



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tells all about "Stevens" guns and pistols, and contains many interesting and authoritative articles on hunting, shooting, how to care for firearms, notes on sights and ammunition, etc. Send two 2-cent stamps to cover postage. Our Free RIFLE PUZZLE will be sent, postpaid, if you ask. It's a puzzler, but "easy when you know how." "Stevens" rifles, pistols and shotguns range in price from \$2.50 to \$150.00.

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404 Pine Street
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you for what you are about to do,' he said. 'Self preservation is the first law of nature, and you may think it necessary to kill this negro to save your own lives. I don't ask you to think of the consequences your act would bring upon me, a member of the Supreme Court of the United States, being a witness of such a scene. But don't you think it is an awful example to set before this little boy?'

"It wasn't necessary for him to say another word. 'Bill Goat' was given a horse and was escorted by Mr. Frank, at the peril of his own life, to a point where he could reach the nearest railroad station by an easy ride. And every one will remember Justice Brewer's impressive plea as long as he lives."

Herding the Cows—Another Story of the Short-Grass Country.

MRS. EGBERT V. CRADDICK, EMPORIA, KANS.

When I was a little girl my brother and I used to herd the cows on the wild prairie away out in the short-grass country. It was awfully lonesome out there by ourselves but we got used to it so we did not care much. There was not a tree or a bunch of shrubbery for miles and we used to fear we would get lost if we went out of sight of the tent or of the sod house my father afterwards built.

My brother was older than I, so like most girls I had all the confidence in the world in him and would do anything he told me to. We had one companion, and without him I don't know how we would have passed those long, dreary days. That companion was a little black dog that used to dig chipmunks, kill snakes and do all kinds of things to amuse us.

Sometimes he would go after larger game and would undertake to dig out a coyote, for coyote holes were everywhere. I shall never forget one of our experiences with a coyote. It seems ridiculous now but it was exciting at the time.

Jack, for that was the dog's name, had chased a coyote into a hole and had then undertaken to dig him out. He had enlarged the hole and gone down until he was beyond our sight while we cheered him on. Suddenly we heard a sharp yelp and we knew the coyote had him and was pulling him in. We must do something to get him out. He was too far in for my brother to reach and we had nothing to dig with.

My brother told me to crawl into the hole and get Jack by the feet and he would pull us both out. I crawled in until I felt the dog, brother holding my feet, and when I gave the signal he pulled us both out. He had about all he could do for I was so far in he could hardly reach me. The dog came out frightened and quivering with a big mark of the coyote's teeth in his side, and we felt we had done something heroic in saving poor Jack's life.

Nothing

is so sensitive to cold as a nerve and this is the cause of

Neuralgia



St. Jacobs Oil

by friction and penetration warms, soothes and cures the worst cases. Price 25c. and 50c.

For the Little Ones

When I Runned Away.

One't I runned an' runned
So awful far away,
'At I runned an' runned an' runned so far
'At I des' tan't say.

An' w'en I touldn't runned no more
I des' sitted down,
An' dere was lots of w'itest
Flowers drowin' round'.

An' w'en I was des' pictin' one
Somefin' I didn't see
Was blowin' an' a-blowin'
Its bref right at me!

I des' touldn't turn 'round',
Nen w'en I member how
I saw the biggest, biggestest,
Biggestestest cow!

So I des' runned an' runned
So far I tan't say,
'Till I dot tlear home adain,
An' dere I'm doin' to stay.
—Allen Ayrault Green, in Advance.

The Bantam's Egg.

Betty's papa is a doctor and she often listens when he tells mama about some of the sick people he visits.

"All Ted needs now," she heard her papa say one morning, not long ago, "is plenty of nourishment. Fresh milk and new-laid eggs will soon bring back his strength. He is one of the brightest little chaps we have had in the hospital in a long time."

"Does he need eggs?" asked Betty.

"Yes, dear, he ought to have a really fresh egg every morning for breakfast."

"I'm so glad," said Betty, as she slipped away. Pap and mama did not even wonder what she was glad about, because, as often happened, they had so much to say to each other, they did not pay much heed to their little girl's remarks.

Betty ran out to the stable and went straight to her pet bantam's nest. In it was a dear little egg.

"This is new-laid, I am sure," Betty said, as she took it in her hand very gently. "Cause it's warm. I guess I ought to hurry with it so Ted'll get it while it's really fresh."

Without saying a word to anybody, Betty ran out of the barn and down the drive to the street just as fast as her little legs would carry her.

"It's a pretty long way," she said, after going two or three blocks. I'm afraid my egg won't be new-laid if I don't run more quick." And she tried to run but she was so tired she could not run a bit faster.

"I guess I better take a street-car."

An electric car was stopping for a lady and Betty climbed on after her and sat down beside her. She peeped into her little pocket, and saw that the egg was safe and sound, and smiled with content.

After a block or two the lady stepped off the car. The conductor was just about to ring the bell to start the car again, when he noticed Betty on the seat.

"Lady," he called, "you've forgotten your little birl."

"I have no little girl," she replied, laughing.

"No, I aren't hers," said Betty. "I'm my mama's little girl."

"Well, where are you going," asked the conductor.

"To my papa's hos-pal and I wish you'd make the car go 'cause I don't want my egg to get old."

The conductor did not know what to think, but as he did not wish to lose time he took her advice about starting the car.

"What's your papa's name?" asked an old gentleman who was the only other passenger.

"Doctor Morton."

"Then I guess you'll find him at the Union Hospital."

"I'm not looking for my papa. I'm taking a new-laid egg."

"You should get off at the next corner and then you have to walk three squares. I think I'll go with you."

"I wish you would, 'cause I don't know the hos-pal is. I s'pose you'd like to take something to Ted, too. He ought to have fresh milk."

"I think that egg of yours will be as hearty a meal as he needs this morning." The gentleman smiled so pleas-

antly that Betty put her hand in his as they left the car.

"Wasn't it nice that my bantam laid an egg this morning? She doesn't do it every day."

"That would be asking too much of so small a hen."

"Why," exclaimed Betty, as they came near the hospital, "there's my papa!"

She dropped her new friend's hand and ran to Dr. Morton, who was just getting into his automobile.

"Betty Morton! Where did you come from?" he asked in great surprise.

"From the barn to bring Ted the bantam's egg. Do you think it is fresh yet?"

Dr. Morton picked her up and held her tight in his big arms.

"Mama has been so frightened about you, Betty, girl. She couldn't find you after breakfast, and she telephoned to the hospital for me to go home as soon as I got there. But now, I have our little run-away, I must telephone mama, so she won't worry any more, and so she can have a big scolding ready for you."

"But I wanted to give Teddy the egg and you've smashed it, hugging me." Betty burst into tears.

"Now you have done it, Doctor," said Betty's friend, who was waiting for a chance to speak.

"So I have, Mr. Drake. But, Betty, girl, there's no use crying over spilled milk or broken eggs, either. Mr. Drake was very kind to you, Betty, and you mustn't let him see you cry. To-morrow you may come with me and bring Ted something."

"Maybe if I tell the bantam, she'll lay another egg to-morrow," said Betty, drying her tears. And to every one's surprise there was an egg in the bantam's nest the next morning.—Advance.

The Christmas American Boy.

The American Boy for Christmas will delight the boy's heart from its front cover design representing a young hunter, his dog, gun and game, clear through to the last page. It contains 79 illustrations to illustrate 91 different stories, leading articles and items of interest to boys. As especially appropriate to the Christmas season are: "Father Lanute's Prize," by Lillian V. Lambert; "Kersey," by Evelyn M. Wood Lovejoy; "Uncle Sam's Santa Claus," and "Distributing Christmas Presents in the Navy." Other stories and leading articles are "The Pathway to Success," being an interview with ex-Senator T. W. Palmer of Detroit; "A Message to American Boys," by Governor Montague of Virginia; the first two chapters of Kirk Munroe's new story, "For the Mikado," "James McGregor Billings' Moose Hunt," by Curwood; "True Heroism—A Talk With Boys," being the last contribution from the pen of the late G. A. Henty; "Basket Ball," by George T. Hepbron, Secretary Amateur Athletic Basket Ball Committee; "Uncle Sam's New Pupils," describing how Uncle Sam is teaching young Filipinos in this country; "Skating," by George D. Phillips, winner of twenty-two American championships for speed and figure skating; "An Elephant Hunt that Failed," "The Champion of the Lake," by William Heyliger; number two of the "Among the Birds" series; "General Nathaniel Greene," a biography by Marianne G. Spratley; "The Pranks of Jimmy Lane," a humorous story by Jonas Jutton; "AFeline Fury," an animal story by Clarence Hawkes; "Prisoners of the Tide," a sea story; further chapters of "My Four Years at West Point," by a graduate; "Playing Push-Ball," by W. Frank McClure; installment number five of "Clever Work with the Pocket Knife," by John L. Dougherty, and in addition smaller articles too numerous to mention. All the regular departments, namely: Stamps, Coins and Curios, Amateur Journalism, Money Making, Puzzles, The Order of The American Boy, and Boys' Books Reviewed, are included. \$1 a year. The Sprague Publishing Co., Detroit, Mich.

It is not the quantity of land one has but the way it is used and handled that counts best on the farm.

DIAMONDS AND WATCHES ON EASY PAYMENTS



YOU

Know That

Christmas

makes a big demand for Watches.

Mothers buy them for sons and daughters; husbands buy them for wives; brothers and sisters buy them for each other; lovers buy them for sweethearts. Many make the mistake of buying a cheap watch, because just at Christmas time the demands upon their fund of ready money is very heavy. You need not make this mistake—read on.

The \$4.95 that you would pay for a cheap Swiss or American watch in a worthless case, will buy and bring immediate delivery of an Elgin, Loftis, Waltham, Illinois or Duober-Hampden movement in a solid 14kt gold case, or in the finest gold filled case, guaranteed for 20 or 25 years. How! Read on. Write today for our illustrated Catalogue of Watches and Diamonds, and from it select the particular watch that you would like to wear or present to someone at Christmas. It will be sent to you promptly for examination; then, if you are entirely pleased with it and find it just as represented, pay one-fifth of the price and send the balance to us in eight equal monthly payments. We trust you absolutely. The merits of our goods and the liberality of our terms and methods, makes it a perfectly safe proposition to do business with honest people no matter how far away they may be.

The Loftis System makes it just as easy for you to get a fine reliable watch, as it is to get a cheap, trashy affair that you would not carry yourself, and which you could not give to a friend, relative or loved one, without having your regard and business judgment seriously questioned. You can place your order with us for a Watch, Diamond, or any piece of fine jewelry, and feel perfect confidence in every feature of the transaction. We are the largest house in the business and one of the oldest (Est. 1858). Here is the best proof of responsibility and reliability that a business house can possibly have. Read on.

The Gold Medal has been awarded to the Loftis System by the Superior Jury at the St. Louis Exposition. This is the highest endorsement possible, and puts the official stamp of approval, of the greatest exposition ever held, upon our goods, prices, terms and business methods. We won the Gold Medal in spite of strong competition from foreign and domestic houses, emphasizing more than any other one thing could, our pre-eminence and standing in the Watch and Diamond business.

You should write at once for a copy of our Beautiful Christmas Catalogue. It will show you how to make \$5 or \$10 do the work of a hundred dollars in Christmas shopping. Please write today and make your selection before the overwhelming Christmas rush begins.

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The Home Circle

CONDUCTED BY RUTH COWGILL.

Her Reward.

In her woman's heart was a poem,
A grand and tender song,
A word of hope for the weary,
A stern rebuke to the wrong;
It often pleaded for utterance,
For the voice to reach the world,
To be raised where all might heed it,
A banner of love unfurled!

But she never found the moment,
With days so full of care,
To breathe out the burning heart-words
Of her poem nestling there.
There were always household duties,
Dull rounds for every day,
And just before her, step by step,
Some task all unfinished lay.

Her children grew up and blessed her,
And honored her sainted name;
She has guarded their childish footsteps,
But has missed the road to fame;
From the many snares and pitfalls
Along their youthful way
Her watchful eye saved them;
Not one had wandered astray.

The good angel wrote down her life-work—

A pure and shining page,
More sweet than dreams of a poet,
More grand than seer or sage;
She had met each homely duty,
Striving not for earth's renown,
Her life was a poem of beauty,
Her reward in heaven—a crown.

—Alma Pendexter Hayden.

Water, in the Laboratory of the Kitchen.

Even at this late day, when the elementary facts of chemistry are more or less widely known, it seems difficult to realize that water is but the combination of the two gases oxygen and hydrogen—difficult, because in their primal state these gases are but invisible vapors, and because the product of their chemical union is a liquid so limpid in its crystal clearness that it has ever been taken as a poetical symbol of purity. Beyond these simple facts there is little that the housewife need know of the chemistry of water. Of its properties, and of its impurities, however, and of their scientific application to the needs of the kitchen, much can be told.

One property of water, at least, must surely have attracted the attention of every thoughtful kitchen chemist; and that property is its wonderful solvent power. Disintegrating as it does solids, liquids and gases, water is, indeed, by far the best solvent known. Upon this solvent property, heat has a most marked effect; for it hastens and increases in intensity the action of dissolution. To this general rule, there are exceptions of considerable importance, because of their culinary value. Thus, common table-salt is not more soluble in hot than in cold water; while lime dissolves far more readily in cold water.

It is because of this powerful solvent action that all water, with the exception of distilled water, partakes of the character of the things with which it has come in contact. In nature, there is no such thing as pure water. The peculiar earthy taste of some spring waters, dear to those who have been brought up on a farm, is due entirely to the collection of matter contained in the soil. Upon this solvent action, moreover, the existence of all marine life depends. The sea would hardly sustain plants and fish if water were not so admirable a solvent of atmospheric gases. From what has been said, it would follow that the only really pure water is distilled water. And because it is pure, distilled water is devoid of any taste and is quite insipid.

The "impurities" of water, unlike the impurities of most substances, are not always harmful. Chief among them are salt, chalk, gypsum and carbonic-acid gas, which gives to water its characteristic brilliancy and freshness. Mineral springs contain various ingredients which need not be here enumerated, and which, after all, are due to very peculiar local conditions.

The formation of those wonderful stalactites which are the chief attractions of many caves is due primarily to chalky impurities contained in water. As the water trickles slowly through the roof of a cave, each drop is exposed to the air. Some of the

carbonic-acid gas in the drop is evaporated, and a molecule of carbonate of calcium is deposited in solid form. A few of these solid particles, adhering to the roof of a cavern, constitute a nucleus for those gigantic conical, shimmering masses, whose beautiful pendants, tapering toward the earth, testify in unmistakable terms to their origin.

Whether a water is "hard" or "soft" depends upon the nature of the impurities that it contains. In kitchen parlance a water is said to be "hard" when it refuses to make a lather with soap. Why is it called hard? Simply because of the presence of substances which, in uniting with the fatty acids of the soap, form an insoluble compound. The most common among these substances is calcium carbonate, which is nothing but chalk. The hardness of chalky waters may be overcome by boiling, because the carbonic-acid gas is dispelled, thereby leading to the removal of the calcium carbonate. Boiling means the application of heat and hence the consumption of fuel. Coal, especially in these days, is costly. Moreover, the calcium carbonate deposited by evaporation will form incrustations, often of considerable thickness, upon the walls of the vessel employed. Thus the "fur" of a teakettle, to use a housewife's term, is produced. Sometimes these incrusta-



DR. E. K. TERRY'S SUMMER HOME, BURLINGAME, KANS.

The picture of Dr. Terry's home, shown above, is a very attractive one. It came to us at the time of the contest for beautiful homes, but was inadvertently omitted. It is a charming example of the pretty country homes scattered throughout our State.

tions become detached, with the result that explosive bursts of steam are produced as the water suddenly comes in contact with the highly heated sides of the vessel. Such accidents, however, are most likely to occur in boilers, which, besides being large, can not be easily cleaned. Hence, purely chemical means are often resorted to, for the purpose of removing the hardness of water when it is due to calcium carbonate. The means in question consists of the addition of either soda or lime-water, to precipitate the chalky impurities.

Gypsum, like chalk, is sometimes an impurity contained in water. Unlike chalk, however, it can not be removed by boiling or by the addition of such chemicals as soda. Indeed, boiling aggravates the evil, because as the water is evaporated the ratio of gypsum to the water remaining is increased. The water in which gypsum is contained in considerable quantity is, therefore, quite useless for housecleaning.

Hard waters, as we have seen, are not good for washing; neither are they good for cooking. Tea can be made with hard water; but it takes too much tea. A lather can be made; but it takes too much soap.

Such mineral impurities as chalk and gypsum, when present in moderate quantities in water, may be far from harmful. It must not be forgotten that these minerals play an important part in building up the human skeleton.

Of all the mineral impurities of water, by far the most dangerous is lead. That is why cisterns exposed to air should never be lined with lead. Water is so powerful a solvent that it readily dissolves lead; and if this lead should enter the system, sickness would ultimately ensue. Because exposure to light seems necessary to the dissolution of the lead, it appears that

lead pipes are not such objectionable conductors of water as might be supposed. Still, their use is not to be commended.

Passing from mineral to organic impurities and their effect in the operations in the kitchen, it should first be noted that, unlike mineral impurities, they are invariably injurious and sometimes deadly. The organic matter may not in itself be injurious; but the water which it pollutes is an excellent breeding-ground for disease germs. A fairly sure way of killing off the living organisms of water is boiling. Distillation is still surer. Filtration does not by any means remove all the contaminating matter, because the filter soon becomes clogged and simply helps to pollute the water that passes through. The average household filter is anything but a perfect contrivance; its surface is much too small for absolute purification.—Twentieth Century Home.

West Side Forestry Club Recipes.

The West Side Forestry Club has favored us with a dozen recipes which sound good enough to eat, and as the women in that community have the reputation for being excellent cooks, we have no fear in recommending their recipes.

Hickory Nut Macaroones.—One-half

cup sugar, 2 tablespoons flour, 1 egg, 1½ cups chopped hickory nuts, pinch of salt. Flavor with vanilla.—Lucile McAfee.

Rice Stuffing.—Rice stuffing for roast chicken or turkey is considered preferable to the usual bread crumbs. To prepare it, brown one chopped onion in a tablespoon of butter, and mix with it four cupfuls of cold boiled rice and one cupful of bread-crumbs that have been moistened in one cupful of milk. Season with sage, parsley or other sweet herbs, as desired. Add half a pound of sausage meat or finely chopped salt pork and salt and pepper to taste.—Mrs. H. W. McAfee.

Patience Cream Candy.—Put 1 cup of granulated sugar in a granite kettle, with nothing else. Place over fire. Stir all the time until melted. When like a syrup add two more cups of granulated sugar and one cup of milk, stir all the time until all the sugar is dissolved; let cook until it makes a soft ball when tested in water. Remove from the fire, let cool about 1 minute, add 1 cup of chopped nuts and 1 tablespoon of butter. Beat until it thickens, pour in a greased pan. When cool cut in shapes.—Mrs. T. B. Jennings.

Fruit Cake.—Ten eggs, 5 level cups brown sugar, ½ pint molasses, 2 tea-cups butter, 1 lemon, 1 pound figs, 1 pound citron, 2 pounds currants, 3½ pounds raisins, 1 heaping tablespoon cinnamon, 1 heaping tablespoon cloves, 1 heaping tablespoon mace, 1 grated nutmeg, 1 teaspoon soda, 1 quart flour. This makes two cakes. Bake slow for 2½ hours. Should not be used until three months old.—Mrs. Sarah Brown.

Hickory Nut Cake.—Two cups sugar, 1 cup sweet milk, ¾ cup butter, 3 cups flour, 3 eggs, 2 teaspoons baking powder, 1 large cup nut meats, cut fine.

English Plum Pudding.—One cup suet, 1 cup sifted bread crumbs, 1 large

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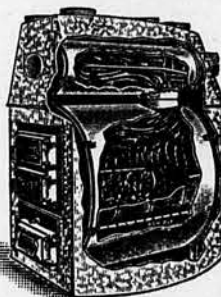
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PATENTS.

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cup flour, 1 cup sugar, 1 pound raisins, 1 pound currants, nutmeg, cinnamon, cloves, salt to taste, 1 teaspoon soda. Add sweet milk to make a little thicker than fruit cake. This pudding can be boiled or steamed. I steam, thinking it more wholesome. It can be reheated or steamed any succeeding day and will be as nice as when fresh.—Mrs. O. E. Walker.

Scripture Fruit Cake.—One cupful butter, Judges 5:25; 2 cupfuls sugar, Jeremiah 6:20; 8½ cupfuls flour, 1st Kings 4:22; 2 cupfuls raisins, 1st Samuel 30:12; 2 cupfuls figs, 2d Kings 20:7; 1 cupful water, Genesis 8:11; 1 cupful almonds, Exodus 25:33; 6 eggs, Isaiah 10:4; salt, Leviticus 2:12; 1 large spoonful honey, Ex. 16:31; sweet spices to taste, 1st King 10:2. Follow Solomon's advice in regard to making good children and you will have a good cake. Prov. 23:14.—Mrs. Gabrecht.

The article entitled "Dress," in last week's paper was written by Mrs. Traver, of the Nautilus Club, Topeka. By one of the mistakes which so easily happen, the signature was omitted, and it was so excellent and well-written an article that we want the credit to go where it belongs.

Club Department

OFFICERS OF THE STATE FEDERATION OF WOMEN'S CLUBS.

President.....Mrs. Cora G. Lewis, Kinsley
Vice-Pres.....Mrs. Kate E. Applington, Council Grove
Corresponding Secy.....Mrs. Eunice H. Brown, Olathe
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Treasurer.....Mrs. J. T. Willard, Manhattan
Auditor.....Mrs. D. W. Wilder, Hiawatha
State Secretary for General Federation.....Mrs. C. C. Goddard, Leavenworth

Our Club Roll.

Mutual Improvement Club, Carbondale, Osage County (1896).
Give and Get Good Club, Berryton, Shawnee County (1902).
Woman's Literary Club, Osborne, Osage County (1902).
Woman's Club, Logan, Phillips County (1902).
Domestic Science Club, Osage, Osage County (1888).
Ladies' Crescent Club, Tully, Rawlins County (1902).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1888).
Chalitto Club, Highland Park, Shawnee County (1902).
Cultus Club, Phillipsburg, Phillips County (1902).
Literatae Club, Ford, Ford County (1903).
Sabeen Club, Mission Center, Shawnee County, Route 2 (1899).
Star Valley Woman's Club, Iola, Allen County (1902).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1903).
Fortnight Club, Grant Township, Reno County (1903).
Progressive Society, Rosalia, Butler County (1903).
Pleasant Hour Club, Wakarusa Township, Douglas County (1899).
The Lady Farmers' Institute, Marysville, Marshall County (1902).
The Woman's Progressive Club, Anthony, Harper County.
Taka Embroidery Club, Madison, Greenwood County (1902).
Mutual Improvement Club, Vermillion, Marshall County (1903).
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

Early Politics.

Roll call—New Year's recitations.

I. Politics and patriotism before war.

II. Early day wire-pulling in Kansas.

III. Conventions of 1857.

IV. In reminiscent mood.

The roll call should be appropriate for the occasion.

The first topic will be intensely interesting if treated intelligently. The writer should inform herself thoroughly on the subject of the complicated politics of the Nation in the troublous ten or twelve years before the war.

The second paper has narrower limits than the first, yet it can be fully as interesting. In the fifties and early sixties, political feuds and enmities were begun which have continued down even to the present time.

The year 1857 was a year of conventions, many of them full of a large significance. They should be studied carefully and keenly for the third paper.

To close the program, some old settler, or two or three of them, may tell what they remember of politics of the early time. It would be very pleasant to invite some old man to talk to the club on the subject.

Seeking the Best.

Roll call—Inspiring quotations.

I. The daily choice.

II. From whom shall we get our inspiration?

III. Helps.

IV. A look forward into the new year.

V. Reading.

For the last meeting of the year this program is especially fitting. In the stress of the daily struggle to keep the household machinery running smoothly it is hard to keep in mind the fact that there are other things. In almost every housemother's life there is something that must be neglected, if any time is to be left for self-culture. Daily the choice must be made between duties. It is this matter which will be most helpfully discussed in the first paper.

From books, from other papers, from the words of great men and women that come to us from week to week or month to month in the magazines, from pictures and from nature, and a thousand other sources comes the inspiration to better living and higher thought. This thought should be enlarged and other helpful ones added, for the second topic.

The third paper should be brief and practical. There are many helps, all of them outside of our own selves, which can be mentioned and which doubtless have not yet been thought of by many of the members of the club.

The latter part of the program is appropriate to the season. The fourth topic should be not only personal, but it should be a help for the club as a whole.

The following poem will be good to close:

TO THE NEW YEAR.

One song for thee, New Year,
One universal prayer;
Teach us—all other teachings far above—
To hide dark Hate beneath the wings of Love;
To slay all hatred, strife,
And live the larger life!
To bind the wounds that bleed;
To lift the fallen, lead the blind
As only Love can lead—
To live for all mankind!

Teach us, New Year, to be
Free men among the free;
Our only master Duty, with no God
Save one—our Maker—monarchs of the sod!
Teach us with all its might,
Its darkness and its light,
Its heart-beat tremulous,
Its grief, its gloom,
Its beauty and its bloom—
God made the world for us!
—James Whitcomb Riley.

Some More from the Mutual Improvement Club of Marshall County.

"Mental improvement" is the main object of our organization. This year's work is what might be termed an "American year." The study of United States History is the main feature of each meeting. This is in charge of one member who appoints assistants to conduct or carry out that part of each program. This, together with history, American authors, inventors, etc., within the period is likewise studied. We meet Wednesday afternoons from half-past two till half-past four semi-monthly. Program for meeting December 7, 1904:

Roll call—Conundrums.

American History—Presidents Madison, Monroe, and John Quincy Adams. Conducted by Miss Ora Dille.

National Expansion—By Miss Rosa Ish.

Selection from Thanatopsis (Bryant)—Edith Leonard.

Biography of Bryant—Mary Mayhew.

Study of Webster's Great Reply to Hayne—Vera McWilliams.

Song, Star Spangled Banner—All sing.

Social Science—Educational value of Women's Clubs—Sarah Stewart.

With proceeds from sale of library cards at \$1 per year, six book donations, our library now numbers three hundred and eight volumes.

ELLA C. ACKER, President.

Very Low Excursion Rates for Christmas Holidays

to all points on the Nickel Plate Road between Chicago and Buffalo. Excursion tickets on sale December 24, 25, 26, and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905. Three through express trains daily. No excess fare charged on any train. Also lowest rates and shortest line to Cleveland, Buffalo, New York, Boston and all Eastern points. Modern sleeping and dining-cars. Individual Club Meals, ranging in price from 35 cents to \$1, served in Nickel Plate dining-cars; also service a la carte. All trains leave from La Salle St. Station, Chicago. City ticket office, Chicago, Ill., 111 Adams St. and Auditorium Annex. For



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A Good House Furnace.

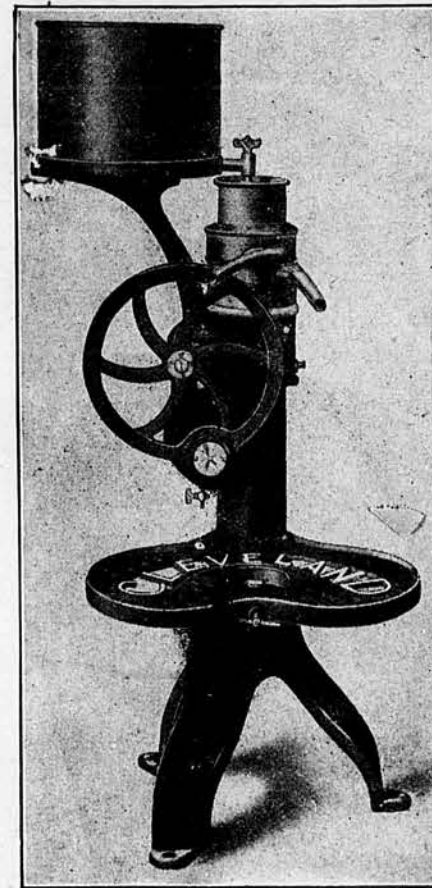
We herewith present a cut showing the operation of the Bovee Compound Radiator Furnace, manufactured by the Bovee Grinder and Furnace Works, Waterloo, Iowa. It will be noticed from the picture that the heat is made to travel the entire length of the furnace three times before passing into the chimney. This arrangement means a great saving of fuel, and it is found by experience that this furnace will produce more heat for a given amount of fuel than any other with which the writer is familiar. Their catalogue No. 10, for 1904, gives many working details, as well as testimonials from well-known people, some at least of whom are known to our readers. Mr. R. B. Steele, a well-known Topeka man, testifies as follows: "I am now satisfied

that my furnace would heat a much larger house and am sorry that I did not order a smaller size as you advised. I believe your smaller-size furnace would heat a ten-room house in any kind of weather we have in this latitude." The writer has just installed a Bovee furnace in his own residence and while the weather we have in this latitude." The writer has just installed a Bovee furnace in his own residence and while the weather has not been as severe as it sometimes is in this locality he has found that the heating capacity is very great while the consumption of fuel is moderate, and is much pleased with the furnace so far as it has been tested. A letter to the company at Waterloo, Iowa, will bring estimates and prices that we are sure will please you.

further particulars address John Y. Calahan, General Agent, 113 Adams St., Room 298.

A Simple Bowl Separator.

The separator "whose bowl is as easy to wash as a dinner-plate," is the way the Cleveland Cream Separator Company



describes its machine. Cleanliness is all important in the dairy, and the Cleveland people have met a popular demand in

perfecting a bowl that is easily cleaned.

The Cleveland Separator is distinguished for other things besides easy running. Prominent among these is the ability to skim right down to a trace! It differs from other separators in having an aluminum separating device. And though this consists of but a single piece, it facilitates rapid separation by presenting to the cream, some 300 separating compartments. It is ball-bearing throughout, reducing friction to the minimum. The Cleveland is one of the newer separators, but it proceeded to take high rang right in the start. There is a notable difference in the way it is being introduced to dairymen. The manufacturers depend upon it to supply its own argument. They do not place it for sale with dealers and employ no traveling agents to persuade. The Cleveland is shipped direct from the factory to the user, who, without suggestion or interference of experts, starts it up, runs it freely, keeps it for thirty days. If at the end of that time the purchaser does not feel that, unaided and alone, it has proven a perfect success, he is at liberty to return the machine without obligation or charge. This selling direct from the factory accounts for the very material reduction in price at which the Cleveland is sold. "A Yard of Reasons," 36 of them, all in compact form, a most persuasive document, is sent to inquirers. We recommend to any reader about to buy a separator to send to the company for it.

On November 15, and daily thereafter, until the summer season of 1905, the Frisco System, in connection with the Southern Railway, will operate through Pullman Sleepers between Kansas City, Mo., and Jacksonville, Fla. These Sleeping Cars will be placed in service as part of the equipment of the popular "Southeastern Limited," scheduled to leave Kansas City 6.30 p. m. A modern equipped train, electric lighted cafe, observation car, etc.—the route of which carries the traveler through the populous cities of the Southeast.

Berth reservations may be made through representatives of Frisco System or connecting lines. Passenger Traffic Department, St. Louis.

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Very truly yours,
R. A. CAIN.

AVARICE SWINDLED.

(Continued from page 1221.)

its institutions to be modified by and in the interest of worshipers of money, thereby promoting the disposition to, as well as presenting the opportunities for swindlers both small and great.

This accusation is worthy of investigation by the economist and the philanthropist.

FARMERS' WEEK IN KANSAS.

The events that are scheduled for the second week in January, 9 to 14 inclusive, at Topeka, are calculated to make the progressive, wide-awake farmers and stockmen of Kansas and sister States thankful, as the annual meetings of the Kansas Board of Agriculture, January 11-13; the Improved Stock-Breeders' Association, January 9-11; the Kansas Swine-Breeders' Association, January 9-11; the State Veterinary Medical Association, January 10, and the annual meeting and show of the State Poultry Association, January 9-14, will all be held in Topeka that week, and the most liberal rate that has ever been obtained from the railroads has just been granted to all those who may wish to attend these conventions, viz.: One fare plus 50 cents for the round trip, except where one fare and a third is less, from all points in Kansas and from Kansas City and St. Joseph, Mo., to Topeka, and return, tickets to be on sale January 7 to 14 inclusive, limited for return until January 16.

Annually for many years this week has been devoted to meetings of different organizations in which farmers are particularly interested. It is the time when farmers plan to take their well-earned vacations—when their work is lightest—enjoy a visit to their capital city at a minimum expense, and at the same time be entertained and enlightened, as each of these meetings has a carefully selected and well-prepared program covering a wide range of interesting subjects relating to the farm and home. The State Legislature will be in session also.

The second week in January has come to be popularly known in Kansas as "Farmers' Week," and the visiting agriculturists at Topeka for the time being are the city's captors. These meetings are to the farmers and stockmen what the revival is to the Methodist, the barbecue to the politician, the school to the student and the Sunday School to the small boy just before Christmas.

An especially strong feature of the program of the Kansas Improved Stock-Breeders' Association, which is the largest of its kind in the United States, is the setting apart of one entire session for the discussion of matters pertaining to each of the following subjects: Beef cattle, swine, horses, the dairy and general feeding; and papers by recognized experts will be presented for general discussion by the members and visitors.

A KANSAS BERKSHIRE ASSOCIATION.

A number of prominent Berkshire breeders of this State have called a meeting to be held at Hope, Kans., on January 18, 1905, for the purpose of organizing a Kansas Berkshire Breeders' Association. As this meeting is called for the same time and place as the great Berkshire sale it will be an especially good time for it as the breeders will have an opportunity to participate in the meeting which is called at eleven o'clock and also to be present at the sale. The call is signed by Will H. Rhodes and J. Frank Rhodes, Tampa; H. R. Little, Hope; A. D. Willems, Medora; and G. D. Willems, Inman.

BLOCKS OF TWO.

The regular subscription price of the KANSAS FARMER is one dollar a year. That it is worth the money is attested by the fact that thousands have for many years been paying the price and found it profitable. But the publishers have determined to make it possible to receive the paper at half price. While the subscription price will remain at one dollar per year, every old subscriber is authorized to send his own renewal for one year

and one new subscription for one year with one dollar to pay for both. In like manner two new subscribers will be entered, both for one year, for one dollar. Address, Kansas Farmer Company, Topeka, Kans.

Special to Our Old Subscribers Only.

Any of our old subscribers who will send us two NEW SUBSCRIPTIONS at the introductory rate of fifty cents each, will receive any one of the following publications as the old subscribers may choose, viz., "Woman's Magazine," "Western Swine Breeder," "Vick's Family Magazine," "Blooded Stock," "Poultry Gazette," "Dairy and Creamery," or "Wool Markets and Sheep."

WANTS A SWEDISH HAND.

EDITOR KANSAS FARMER:—Will you please tell me through your paper how to go about it to secure a young German or Swede through the Emigration Bureau?

A SUBSCRIBER.

The Kansas Free Employment Bureau, Topeka, is maintained by the State for the purpose of supplying such demands as this. A letter addressed to this Bureau will probably be the means of placing our correspondent in communication with applicants for positions. If this method shall not bring satisfactory results in the way of an experienced hand, it may be well to try the "Want Column" of the KANSAS FARMER.

IT PAYS TO ADVERTISE.

EDITOR KANSAS FARMER:—I have been thinking for some time that I ought to write and tell you what my advertisement in your paper is doing for me. I have made more sales through your paper than all the other papers I advertise in put together. A few weeks ago I sold a trio of O. I. C. pigs to a man in Old Mexico.

Yours truly,

Larned, Kans. S. W. ARTZ.

EXCERPTS FROM THE PRESIDENT'S MESSAGE.

The excellent message sent to Congress by President Roosevelt is too long for full reproduction in the KANSAS FARMER. The following excerpts show that the President is mindful of the greatest industry—farming—and subjects related thereto:

WORK OF AGRICULTURE.

The Department of Agriculture has grown into an educational institution with a faculty of 2,000 specialists making research into all the sciences of production. The Congress appropriates, directly and indirectly \$6,000,000 annually to carry on this work. It reaches every State and Territory in the Union and the islands of the sea lately come under our flag. Co-operation is had with the State experiment stations, and with many other institutions and individuals. The world is carefully searched for new varieties of grains, fruits, grasses, vegetables, trees and shrubs, suitable to various localities in our country; and marked benefit to our producers has resulted.

The activities of our age in lines of research have reached the tillers of the soil and inspired them with ambition to know more of the principles that govern the forces of nature with which they have to deal. Nearly half of the people of this country devote their energies to growing things from the soil. Until a recent date little has been done to prepare these millions for their life work. In most lines of human activity college-trained men are the leaders. The farmer had no opportunity for special training until Congress made provision for it forty years ago. During these years progress has been made and teachers have been prepared. Over 5,000 students are in attendance at our State agricultural colleges. The Federal Government expends \$10,000,000 annually toward this education and for research in Washington and in the several States and Territories. The Department of Agriculture has given facilities for post-graduate work to 500 young men during the last seven years, preparing them for advanced lines of work in the department and in the State institutions.

The facts concerning meteorology and its relations to plant and animal life are being systematically inquired into. Temperature and moisture are controlling factors in all agricultural operations. The seasons of the cyclones of the Caribbean Sea and their paths are being forecasted with increased accuracy. The cold winds that come from the North are anticipated and their times and intensity told to farmers, gardeners and fruiters in all Southern localities.

SELL MEAT TO EUROPE.

We sell \$250,000,000 worth of animals and animal products to foreign countries every year, in addition to supplying our own people more cheaply and abundantly than any other Nation is able to provide for its people. Successful manufacturing depends primarily on cheap food, which accounts to a considerable extent for our growth in this direction. The Department of Agriculture, by careful inspection of meats, guards the health of our people and gives clean bills of health to deserving exports; it is prepared to

deal promptly with imported diseases of animals, and maintain the excellence of our flocks and herds in this respect. There should be an annual census of the live stock of the Nation.

We sell abroad about \$600,000,000 worth of plants and their products every year. Strenuous efforts are being made to import from foreign countries such grains as are suitable to our varying localities. Seven years ago we bought three-fourths of our rice; by helping the rice-growers on the Gulf Coast to secure seeds from the Orient suited to their conditions, and by giving them adequate protection, they now supply home demand and export to the islands of the Caribbean Sea and to other rice-growing countries. Wheat and other grains have been imported from light-rainfall countries to our lands in the West and Southwest that have not grown crops because of light precipitation, resulting in an extensive addition to our cropping area and our home-making territory that can not be irrigated. Ten million bushels of first-class macaroni wheat were grown from these experimental importations last year. Fruits suitable to our soils and climates are being imported from all the countries of the Old World—the fig from Turkey, the almond from Spain, the date from Algeria, the mango from India. We are helping our fruit-growers to get their crops into European markets by studying methods of preservation through refrigeration, packing and handling, which have been quite successful. We are helping our hop-growers by importing varieties that ripen earlier and later than the kinds they have been raising, thereby lengthening the harvesting season. The cotton crop of the country is threatened with root-rot, the boll-worm, and the boll-weevil. Our pathologists will find immune varieties that will resist the root-disease, and the boll-worm can be dealt with, but the boll-weevil is a serious menace to the cotton crop. It is a Central American insect that has become acclimated in Texas and has done great damage. A scientist of the Department of Agriculture has found the weevil at home in Guatemala being kept in check by an ant, which has been brought to our cotton-fields for observation. It is hoped that it may serve a good purpose.

INTERSTATE COMMERCE.

Above all else, we must strive to keep the highways of commerce open to all on equal terms; and to do this it is necessary to put a complete stop to all rebates. Whether the shipper or the railroad is to blame makes no difference; the rebate must be stopped, the abuses of the private car and private terminal track and side-track systems must be stopped, and the legislation of the Fifty-eighth Congress, which declares it to be unlawful for any person or corporation to offer, grant, give, solicit, accept or receive any rebate, concession or discrimination in respect of the transportation of any property in interstate or foreign commerce whereby such property shall by any device whatever be transported at a less rate than that named in the tariffs published by the carrier must be enforced. For some time after the enactment of the act to regulate commerce it remained a mooted question whether that act conferred upon the Interstate Commerce Commission the power, after it had found a challenged rate to be unreasonable, to declare what thereafter should, prima facie, be the reasonable maximum rate for the transportation in dispute. The Supreme Court finally resolved that question in the negative, so that as the law now stands the commission simply possess the bare power to denounce a particular rate as unreasonable. While I am of the opinion that at present it would be undesirable, if it were not impracticable, finally to clothe the commission with general authority to fix railroad rates, I do believe that, as a fair security to shippers the commission should be vested with the power, where a given rate has been challenged and after full hearing found to be unreasonable, to decide, subject to judicial review, what shall be a reasonable rate to take its place; the ruling of the commission to take effect immediately and to obtain unless and until it is reversed by the court of review. The Government must in increasing degree supervise and regulate the workings of the railways engaged in interstate commerce; and such increased supervision is the only alternative to an increase of the present evils on the one hand or a still more radical policy on the other. In my judgment the most important legislative act now needed as regards the regulation of corporations is this act to confer on the Interstate Commerce Commission the power to revise rates and regulations, the revised rate to at once go into effect, and to stay in effect unless and until the court of review reverses it.

Steamship companies engaged in interstate commerce and protected in our coastwise trade, should be held to a strict observance of the interstate commerce act.

WHAT ABOUT THE TRUST?

When we come to deal with great corporations the need for the Government to act directly is far greater than in the case of labor, because great corporations can become such only by engaging in interstate commerce, and interstate commerce is peculiarly the field of the General Government. It is an absurdity to expect to eliminate the abuses in great corporations by state action. It is difficult to be patient with an argument that such matters should be left to the States, because more than one State pursues the policy of creating on easy terms corporations which are never operated within that State at all, but in other States whose laws they ignore. The National Government alone can deal adequately with these great corporations. To try to deal with them in an intemperate, destructive or demagogic spirit would, in all probability, mean that nothing whatever would be accomplished, and, with absolute certainty, that if anything were accomplished it would be of a harmful nature. The American people need to continue to show the very qualities that they have shown—that is, moderation, good sense, the earnest desire to avoid doing any damage, and yet the quiet determination to proceed, step by step, without halt and without hurry, by eliminating or at least in minimizing whatever of mischief or of evil there is to interstate commerce in the conduct of great corporations. They are acting in no spirit of hostility to wealth, either individual or corporate. They are not

40 Loaves of Bread

Such bread as you never tasted before can be made with one 5c package of

YEAST FOAM

The Wonderful Yeast.

Yeast Foam is the yeast that raised the First Grand Prize at the St. Louis Exposition, and is sold by all grocers at 5c a package—enough to make 40 loaves. Send a postal card for our new illustrated book, "Good Bread: How to Make It."

NORTHWESTERN YEAST CO.
Chicago, Ill.

against the rich man any more than against the poor man. On the contrary, they are friendly alike toward rich man and toward poor man, provided only that each acts in a spirit of justice and decency toward his fellows. Great corporations are necessary, and only men of great and singular mental power can manage such corporations successfully, and such men must have great rewards. But these corporations should be managed with due regard to the interest of the public as a whole. Where this can be done under the present laws it must be done. Where these laws come short others should be enacted to supplement them.

The Bureau of Corporations has made careful preliminary investigation of many important corporations. It will make a special report on the beef industry.

BUREAU OF CORPORATIONS.

The policy of the Bureau is to accomplish the purposes of its creation by co-operation, not antagonism; by making constructive legislation, not destructive prosecution, the immediate object of its inquiries; by conservative investigation of law and fact and by refusal to issue incomplete and hence necessarily inaccurate reports. Its policy being thus one of open inquiry into, and not attack upon, business, the Bureau has been able to gain not only the confidence, but, better still, the cooperation of men engaged in legitimate business.

The Bureau offers to Congress the means of getting at the cost of production of our various great staples of commerce. Of necessity the careful investigation of special corporations will afford the commissioner knowledge of certain business facts, the publication of which might be an improper infringement of private rights. The method of making public the results of these investigations affords, under the law, a means for the protection of private rights. The Congress will have all facts except such as would give to another corporation information which would injure the legitimate business of a competitor and destroy the incentive for individual superiority and thrift.

The Bureau has also made exhaustive examinations into the legal condition under which corporate business is carried on in the various States; into all judicial decisions on the subject; and into the various systems of corporate taxation in use. I call special attention to the report of the Chief of the Bureau; and I earnestly ask that Congress carefully consider the report and recommendations of the commissioner on this subject.

Kansas Banks Hold Much Money.

The consolidated statement of the condition of Kansas State, private and National banks at the close of business, November 10, 1904, is made public by W. S. Albright, State Bank Commissioner. In comparing this report to a like report made November 17, 1903, Mr. Albright calls attention to the following changes:

The number of banks have increased by 52—38 State and 14 National.
Capital paid in increased.....\$ 1,499,660
Undivided profits, increased..... 378,041
Total deposits increased..... 14,311,957
Loans increased..... 6,969,877
Cash and sight exchange increased..... 8,375,819

The report is made from the statements of 530 State banks, 23 private banks, one trust company and 163 National banks, reporting, November 10, 1904. In comparison with the previous official call made September 6, 1904, the number of banks have been increased by seven. Loans and discounts have increased, \$4,555,484.52; cash and sight exchange, decreased \$4,941,854.67; capital increased, \$181,800; undivided profits, increased, \$858,

056.51; total deposits, decreased, \$773,181.04. The per cent of legal reserve in State banks is 39.72; in the National banks, 36.40.

The money on deposit by individuals in Kansas banks is:

State banks	\$50,407,274.20
National banks	47,664,263.14
Total	\$98,071,537.34

M. L. Ayers' Percheron Mare Sale.

At Shenandoah, Iowa, December 21, occurs the big event in Western draft-horse circles. The veteran importer and breeder of registered Percheron horses, M. L. Ayres, puts through the auction ring on this occasion 30 registered brood mares that will meet every requirement of the most exacting class of buyers. These mares are young and in the prime of usefulness. They are big and wide out in pattern. They are drafty in build, and they have the scale required for moving heavy loads. There is absolutely nothing of the light-boned order of things in their makeup. They raise big, lusty colts, too. When you are in attendance at the Ayres' sale you will be able to see fine strings of big, fine colts (sucklers and yearlings) as the eye could wish for. You will like them, and you will like the mares that produced them. These are the mares that go under Col. F. M. Woods' hammer at Shenandoah. Every mare presented by Mr. Ayres has a colt on the farm to show for her usefulness as a breeder and all are bred again. These mares are docile, all being broken to work. Write for the Ayres catalogue. It is an educator along horse lines. Be sure you see it. Go early to the sale. You must go straight to the farm and see Mr. Ayres and his horses. You will see one of the great strings of imported stallions in this country. See the advertisement.

Do you want cash? If any readers of the KANSAS FARMER want to get cash for their real estate or other business property, they should carefully read the striking advertisement of A. P. Tone Wilson, Jr., which appears on page 1239 this week. Mr. Wilson is the reigning sensation in realty circles of this city, and his business operations now extend to all parts of the country. His business methods are new and novel and judging from the lively business that he is doing, it is evident that his business system is a winner. Mr. Wilson backs his business judgment with good hard cash and does not hesitate to advertise judiciously and liberally. He is confident that he can supply the wants of buyers or find customers for those who have property to sell. It costs nothing to give this enterprising business man a chance to serve you. All that is necessary is to peruse his announcement and write him in accordance with the same.

Publisher's Paragraphs.

We call attention to the advertisement of the Victor Talking Machine which appears in this week's issue of the Kansas Farmer. This is one of the most reliable machines manufactured and will make a very desirable Christmas present, as it will afford great entertainment for the family. Look up the advertisement; write for detailed information to the advertisers.

At Des Moines, Iowa, there is a very successful tanning company that will buy your furs and pelts outright or will tan them for you and, if you desire, they will manufacture them into fur coats, rugs, etc. Every farmer should have a good fur coat and robe and here is a firm that will make them from your own hides. The Iowa Tanning Company, Des Moines, publish a little book giving much information about how to care for hides, furs and pelts and how they tan and manufacture them. See their advertisement on page 1223 and write for one. It's free.

Especially valuable to Nebraskans and those who live within the limits of the Louisiana purchase, and indispensable in their public schools, is the History of the Expedition under the command of Captains Lewis and Clark from the Mississippi up the Missouri and across the mountains to the Pacific, published under the designation of the "Lewis & Clark Journals" in 1814. A. S. Barnes & Co., New York have published a popular edition of the journals, in three handy volumes, together with an account of the Louisiana purchase and an identification of the route traversed by the explorers. The edition is a complete reprint of the original Biddle edition, to which all the members of the expedition contributed. It might be noted that the Barnes edition has already been approved and especially recommended for use in the schools of Nebraska, Kansas and South Dakota.

The Stock Interest

Gossip About Stock.

W. W. Waltmire, of Peculiar, Mo., is advertising World's Fair Chester White hogs for sale; also Shorthorn cattle, Oxford sheep and peafowls. Mr. Waltmire was for many years a resident of Kansas, and a regular advertiser of Shorthorns and Chester Whites, and we have no hesitation in recommending buyers to him.

Cargill & McMillan, LaCrosse, Wis., have just purchased ten head of the show animals belonging to the Hereford herd of O. Harris, Harris, Mo. These animals were taken from the premier show-herd of the year and the price is said to have been more than \$2,000 each. At any rate, this is regarded as the record sale for the Hereford breed in this country.

Mr. and Mrs. W. R. Crow, of Hutchinson, Kans., breeders of Duroc-Jersey hogs, have reported a lively trade for their stock. Among recent sales is \$50 for a nice pig sent to H. G. Myers, Hardy, Neb. The purchaser writes that the pig arrived safely, giving entire satisfaction.

bulls and of the young bulls which they nounce that the swine-breeders' combination sale which was to have been held on February 22, 1905, has been cancelled on account of not being able to get enough consignments to make success. However, the Shorthorn sale will be held on February 23, as originally intended, and everything indicates that it will be a great success, as the consignments accepted are especially good.

T. K. Tomson & Sons, Dover, Kans., have had a good trade in Shorthorns this fall. Just lately they sold the show bull Guilford and three choice heifers to the Republic of Cuba, and two heifers and one bull to F. M. Ferguson, of Holtville, Calif., as a foundation for a herd. The Cuban consignment makes the second lot they have sold for export besides having had an excellent local trade. They now have on hand as good a lot of young stuff as they ever had. Write them.

Mr. H. R. Blair, a graduate of the Kansas State Agricultural College, writes to have his copy of the Kansas Farmer sent to El Paso, Texas, where he now makes his home as the herdsman of the largest retail dairy under one management in the United States. This dairy now milks 400 cows and at times their herd is larger. Mr. Blair is directly responsible for the feeding and care of this great herd of dairy cattle and the fact that he can do it speaks volumes for the training he received at our Agricultural College.

Dietrich & Spaulding, owners of the Hill Top Herd of Poland-Chinas, Richmond, Kans., have just sold one of the best, if not the best, boar they ever raised to Andrew Pringle, owner of the Sunflower Herd of Shorthorn cattle and Poland-China swine, Eskridge, Kans. This young boar was sired by Missouri Black Perfection and out of Victress Sunshine 199704, and thus combines two of the most popular and valuable blood-lines known to the Poland-China breed. The boar himself is an object lesson, showing the perfect type of animal that can be produced by a judicious combination of good blood, good feed and good brains.

One of the very best Poland-China boars that the writer has seen in many a day is the youngster recently sold by Dietrich & Spaulding, Richmond, Kans., to Andrew Pringle, Eskridge, Kans. He was sired by Missouri's Black Perfection and out of Victress Sunshine 199704 and thus combines the blood of Missouri's Black Chief and Ideal Sunshine—two of the most valuable strains known to the breed. Report has it that Mr. Pringle had to pay a price that can only be represented by three figures in order to secure this splendid animal but we think him cheap at the price. In fact, it would be difficult to set a price on such a boar.

Notice the change in the advertisement of Mr. E. P. Sherman, owner of the Clear Creek Herd of Poland-Chinas, Wilder, Kans. Three of the Corrector boars that he offers for sale are out of Perfection sows and the others are out of Nox All Wilkes dams. He also has two boars by Kirkpatrick's heard boar, Perfection Now, and out of Missouri Sunshine, a half-brother of Ideal Sunshine. The Clear Creek Herd has made a great record for itself in a very short time and the explanation is not far to seek. It lies in such blood-lines as those mentioned and good feed and good care. These hogs are advertised on page 1242.

Our readers will remember that Mr. S. H. Lenhart, Hope, Kans., owner of the Plimpton Herd of Shorthorn cattle and Poland-China swine, was the fortunate purchaser of the sweepstakes Poland-China boar at the Franklin County Fair this fall. Messrs. Dietrich & Spaulding, his former owners, were of the opinion that he was one of the best boars they have ever bred and the writer considers that Mr. Lenhart is particularly lucky in securing him. That our judgment was good is shown by the results obtained in the increased sales now enjoyed by Mr. Lenhart and the fact that all his customers are pleased. A little later in the season he will have a large bunch of sows bred to this boar to offer to the public. Keep your eye on his advertising card.

The Kansas Farmer is just in receipt of the annual report of the Kansas State Poultry Association for 1904. This report is prepared in handsome form, by Col. J. W. F. Hughes, secretary of the association, and contains, in addition to the secretary's report, a paper by President L. L. Dyche on "The Creation of the Modern Fowl of To-day," and one on "The Kansas Poultry Industry," read by Geo. H. Gillies of the Poultry Gazette, at the annual meeting of the Kansas Improved Stock-Breeders' Association on January 12 last.

The report also shows the financial

statement of the year's business and a complete list of the members of the association. Altogether it is a good piece of work and well worth having by all who are interested in poultry.

Mr. Will H. Rhodes, owner of East Lynn herds of Hereford cattle and Berkshire swine, is a graduate of the Kansas State Agricultural College and this is one of the reasons why he was able to top the sale of Hereford cattle in the recent combination sale at Hope, Kans., with his cattle. It is also one of the reasons why the average of Herefords consigned by him was higher than that of any other seller either of Shorthorns or Herefords. Our readers will perhaps remember that M. Rhodes is the man who paid the highest price ever paid for a Berkshire sow in the Kansas City pure-bred sale-ring, and that he afterwards was the winner of a considerable number of prizes with this sow, Imp. Elma Lady and her produce. He announces a combination sale of Berkshire brood sows to be held in the new sale pavilion at Hope, Kans., on January 18, 1905.

T. K. Tomson & Sons, owners of the Elder Lawn Herd of Shorthorns, at Dover, Kans., have just issued a neat little private catalogue containing a list of the names and numbers of their herd bulls and of the young bulls which they now have on hand for sale. We notice that two of their herd bulls are for sale also: Silvery Knight 206653, a roan calved September 12, 1902, sired by Gallant Knight 124468, dam Signet by Strathallan Chief, 2d dam, Sigma by St. Valentine and he traces to the Cruickshank Secrets. He was sired by their old herd bull and is so closely related to many of the cows and heifers in the herd that they will sell him.

Dictator 182524, roan, calved July 3, 1901, sired by Norfolk, a grandson of Imp. Princess Alice, dam, Daisy of North Oaks 5th by North Briton, 2d dam, Imp. Daisy of North Oaks by Piers Graverton. He has been used for several years in Elder Lawn Herd and can now be sold. The young bulls in the catalogue were mostly sired by Gallant Knight, though there are some by Dictator, Imp. Conqueror 149048 and Lavender Gloster 166056. Send a postal card for one of these catalogues.

Our readers who have followed the record of awards made at the World's Fair swine show, will remember the remarkable achievements of Lord Premier 50001, who won the grand championship at St. Louis and whose blood won 90 per cent of all the prizes given to the Berkshire breed. It will be interesting to Kansas people to know that his half-brother, Pacific Duke 56691, now stands at the head of a Kansas herd. Mr. E. W. Melville, Eudora, Kans., is the owner of this grand boar, which he lately bought from the herd of S. B. Wright, Santa Rosa, Calif. Associated with Pacific Duke in the Knollwood Herd are some remarkable sows, ten of which are from the herd of Mr. Wright. Others in the herd are the choicest ones ever owned at Knollwood and include three daughters of Stumpy Lady, two daughters and two sons of Model Princess and a son and a grandson of Lord Premier. Pacific Duke was sired by Baron Duke 23d, who was out of Duchess 120th, considered the best sow Mr. Gentry ever bred. Model Princess is a daughter of the Pan-American sweepstakes sow, Stumpy Lady is a daughter of the sweepstakes sow at Kansas City and Chicago in 1902. If Knollwood Breeding Farm can not produce blue-blooded, big-boned, broad-backed Berkshires with this kind of blood lines as a foundation we know of no herd in the State that need try it.

Success comes to those who hustle wisely. At least this has been true of F. A. Dawley, who has made such a remarkable record as a Poland-China breeder on his 1,500-acre farm at Waldo, Kansas. Mr. Dawley graduated at the Kansas Agricultural College and immediately put the training gained there to good use by engaging in the business of breeding Poland-Chinas. He has built up a fine herd in a very short time and now he is just back from the A. E. Schooley sale at Austin, Mo., with that great young boar, Nonpareil, for which he "couched up" a cool \$500. Nonpareil was the grand champion at the Missouri State Fair of 1904, and that means a great deal because of the keen competition always met there in this breed. While facts are not available, we have the impression that Nonpareil is the highest priced boar, of any breed, now in Kansas if those owned by Winn & Mastin be excepted. Mr. Dawley lives in what was once called the "short-grass country," but with the advent of himself and men like him and the improved methods they have brought, the short-grass country has had its boundaries visibly contracted and this has now become a country of good cattle, good hogs, and good farmers. At any rate, there are few better herds of Poland-Chinas in Kansas than that now owned by F. A. Dawley, who will have a great bred-sow sale at Osborne, Kans., on February 2, 1905, when the enterprising breeder will be present.

Mr. F. M. Lall, owner of the College Hill Herd of Poland-Chinas at Marshall, Mo., starts an advertisement this week to which we desire to call special attention because three of the boars offered are full brothers to the sweepstakes boar at the Topeka State Fair this fall, and also because Mr. Lall has already sold seventeen pigs this fall in Kansas, which brought him \$805, and has never heard a kick. Four of these boars were sold for \$431. They were sired by Baron Chief and two of them have won sweepstakes prizes since they were sold. Mr. Lall's present herd boars are: Grand Chief 29740 by Top Chief 28168, a grandson of Chief Tecumseh 2d. Grand Chief's dam was Simply Grand 66710, a granddaughter of Winning Sunshine 28166. The next herd boar is C's Perfection 24863, by L's Perfection 22488 by Chief Perfection 2d. His dam was Best Look 59231 by Look Me Over 9011. C's Perfection is a litter brother of Corrector and was the first choice of the litter at

VICTOR

TALKING MACHINE



"HIS MASTER'S VOICE"

SPECIAL OFFER

To readers of the Kansas Farmer

We will ship on free trial to any honest, responsible farmer or other responsible person our Victor Royal Talking Machine and your choice of one dozen Victor Records. (Lowest net cash price everywhere \$20.)

If, after twenty-four hours' trial at your home, it is satisfactory send us \$5; balance of \$15 payable in six installments of \$2.50.

\$2.50 A MONTH

If not satisfactory, return machine by express at our expense and we charge you nothing; the trial is free.

REMEMBER—No bother with C. O. D. parties; no lease or chattel mortgages; no interest charged on payments. You own the instrument when you accept it, and we will trust you to pay as you agree.

\$20 is the lowest net price at which a genuine Victor Talking Machine and one dozen Victor records can be bought today anywhere and the Victor is the best there is. Do not confuse this with toy machines. This instrument has a spring motor, oak cabinet and the best reproducer made. It will play any disc records. Anybody can play it.

TALKS! LAUGHS! SINGS! PLAYS!

You can hear the best bands, choruses, operas, soloists, comic songs, comic recitation, etc., all in your own home. Write to-day for free catalogue and list of 2,000 records.

THE TALKING MACHINE COMPANY,
Dept. 3 E, 107 Madison St., Chicago, Ill.

FREE to those who already own a Victor; 25 of our new soft tone, non-scratching needles. Write for free sample package. Charges prepaid on Victor and Edison Records.

\$25.00 SUIT \$1.00

Don't send money. Write for particulars and we will explain how you can get a \$25.00 Ladies or Gents tailor made suit or overcoat for \$1.00 write to day.

UNION TAILORING CO.,
230 East Ontario Street, Chicago, Ill.

the time he was sold. He is the sire of the litter that won first prize under six months at the Missouri State Fair last year in a class of seven litters. Mr. Lall is one of the best-known breeders of Poland-China swine in the United States, and our readers are assured of absolutely fair and courteous treatment when dealing with him.

Among the young Berkshires offered for sale by E. D. King, of Burlington, Kans., are four out of the 735-pound sow, Miss Plattsburg 3d. She was sired by Artful Lee, a son of Baron Lee 4th, and her dam was the granddaughter of Imp. Lord Windsor. These pigs were sired by Topper Lee, a grandson of Baron Lee 4th, and of Highclere Topper. Topper Lee weighed 800 before 18 months old. Four other young boars that are for sale, are out of a choice Black Girl sow who was sired by a son of Imported Commander. Their sire was Earl Pacific by Pacific Duke now at the head of Knollwood Herd and who is one of the best half-brothers of Lord Premier. Two other sale boars are by Lee Duke 5th, a son of Lord Premier out of Lady Lee 90th, bred by N. H. Gentry. Among the sows in this herd are King's Model Princess, whose dam was Model Princess, the first-prize sow at the Pan-American. Her dam, Fashion, by Baron Lee 4th, was sweepstakes of Canada for several years and is now on this farm. When in full flesh she will weigh about 1,000 pounds. It will be noticed from this brief mention of the breeding lines of Mr. King's herd that he has representatives of each of the best families of the Berkshire breed. Mr. King always welcomes visitors to his place and will take pleasure in showing his fine Berkshires to those who desire to see them.

Oil Cure for Cancer.

Dr. Bye has discovered a combination of oils that readily cures cancer, catarrh, tumors and malignant skin diseases. He has cured thousands of persons within the last six years, over one hundred of whom were physicians. Readers having friends afflicted should cut this out and send it to them. Illustrated book sent free, giving full particulars of treatment. Address Dr. Bye, 901-B Broadway, Kansas City, Mo.

NO MONEY TILL CURED. 27 YEARS ESTABLISHED.
We send FREE and postpaid a 232-page treatise on Piles, Fistula and Diseases of the Rectum; also 108-page illus. treatise on Diseases of Women. Of the thousands cured by our mild method, none paid a cent till cured—we furnish their names on application.
DRS. THORNTON & MINOR, 3969 Olive Street, St. Louis, Mo., and 1007 Oak St., Kansas City, Mo.

PILES

In the Dairy

Experimenting With Dairy Cows.

Excerpts from Bulletin No. 152, Kansas Experiment Station, by D. H. Otis.
(Continued from last week.)

RESULTS WITH COWS SELECTED BY DAIRYMEN.

During the winter of 1901 and 1902 the college was in need of some more milch cows, and since the previous cows were selected by a man not a dairyman, it was thought to be an interesting feature to have some cows that were selected by dairymen who had made good records with handling cows themselves. Nine different dairymen were asked to select the best cow that could be laid down at Manhattan for fifty dollars, each man being required to make the selection outside of his own herd, so as to prevent him from sacrificing a good cow of his own in order to have his cow make a good record at the college. Where the distances were so far that the freight amounted to more than ten dollars, the party making the selection was allowed to have forty dollars to pay for the cow at his home, no matter what the freight might be. These cows were all delivered before March 1, 1902, and the names of the persons making the selection, together with the postoffices, county, name, and age of the cow are as follows:

Name.	Postoffice.	County.	Name of cow.	Age.	Fresh.
J. W. Bigger.....	N. Topeka.....	Shawnee.....	Cowslip.....	7 years.....	Nov. 3, '01
E. C. Cowles.....	Sibley.....	Douglas.....	Haster.....	6 years.....	Dec. 10, '01
J. W. Cunningham.....	Meriden.....	Jefferson.....	Rose of Cunningham.....	5 years.....	Jan. 28, '02
M. L. Dickson.....	Edgerton.....	Johnson.....	Clover Leaf.....	8 years.....	Jan. 12, '02
A. H. Diehl.....	Chapman.....	Dickinson.....	Molly.....	7 years.....	Jan. 20, '02
C. Elsassner.....	Industry.....	Clay.....	Rose of Industry.....	7 years.....	Jan. 15, '02
S. A. Johnson.....	Cleveland.....	Kingman.....	Daisy Belle.....	6 years.....	Mar., '02
C. C. Lewis.....	Ottawa.....	Franklin.....	Floss.....	5 years.....	Oct., '02
G. W. Priest.....	Meriden.....	Shawnee.....	May Queen.....	5 years.....	Dec. 25, '01

*Postoffice, Jefferson County; farm, Shawnee County.

These cows were judged by three experts: Maj. Henry E. Alvord, chief of Dairy Division, United States Department of Agriculture, Prof. A. L. Haecker, of the University of Nebraska, and Mr. T. A. Borman, of Topeka, Kans., and were placed in the order in which they thought these cows would turn out in regard to profit at the end of the year. The results of every month were published at the end of the month, and as these cows were judged at the time of the State Dairy Association, a large number of visitors and students were interested in the outcome and watched these monthly reports closely. The year's record of these cows is given in Table X.

In feeding these cows, the aim was to give them practically all the roughness they would eat and all the grain they would handle at a profit. It will be noticed that the grain varied somewhat with the different cows. As the weights of these cows varied considerably, it hardly seemed fair to charge them equally for roughness, and, in order to regulate this, Table XII has been worked out, charging the rough-

cows that we purchased in Lincoln County have been graded up by the use of pure-bred Guernsey bulls. The first one was Campbell's King 4951; his dam, Yeksa's Queen 6631, has a butter record of 600 pounds in one year. This bull was succeeded by Shylock of Darlington 4579; his dam, Nubia's Vesta 5986, has a record of 556 pounds of butter in six months. Mr. J. F. Schlappi, who was superin-

No. 7. She aborted the first year, which partially accounts for her first year's record; but even in her second year she is not doing what we had hoped she would. Young heifers will usually improve in the second and third lactation periods, and so should not be discarded or judged too severely upon their first year's record.

These results go to show that we do not always get what we want in

*TABLE XIV.—FINANCIAL STATEMENT OF COWS SELECTED BY DAIRYMEN.

Name of cow.	Debits.		Credits.		Gain, live wt. at 4 cents per lb.	Returns, less cost of feed.		Rank.	
	Local.	Farm.	Cost of grain.	Cost of roughness.		Local.	Farm.	Local.	Farm.
Cowslip.....	\$19.21	\$ 9.91	\$25.29	\$12.73	\$66.79	\$23.60	\$55.46	6	5
Haster.....	19.70	10.21	21.20	10.67	58.41	32.14	52.25	7	7
Rose of Cunningham.....	22.90	11.81	31.66	15.93	68.89	37.52	64.34	3	2
Clover Leaf.....	13.20	8.81	18.41	9.26	42.56	24.85	40.39	8	9
Molly.....	14.00	7.22	21.22	15.71	47.24	19.75	42.04	9	8
Rose of Industry.....	15.86	8.18	24.51	12.33	58.05	38.56	53.42	2	3
Daisy Belle.....	16.43	8.48	23.92	12.04	58.06	37.03	56.86	4	4
Floss.....	13.36	6.89	19.83	10.00	53.53	36.01	52.36	5	6
May Queen.....	19.40	10.00	20.69	10.41	65.61	46.55	66.23	1	1

ness in proportion to the average live weight of the cow.

TABLE XII.—ROUGHNESS CONSUMED BY COWS SELECTED BY DAIRYMEN IN PROPORTION TO LIVE WEIGHT.

Name of cow.	Average live weight, lbs.	Roughness consumed in proportion to weight.
Cowslip.....	1,033	6,924
Haster.....	866	5,805
Rose of Cunningham.....	1,293	8,667
Clover Leaf.....	752	5,040
Molly.....	1,275	8,546
Rose of Industry.....	1,001	6,709
Daisy Belle.....	977	6,548
Floss.....	812	5,443
May Queen.....	845	5,664

It is interesting to note the weights and gains of these cows during the ex-

TABLE XV.—FEED CONSUMED IN PROPORTION TO BUTTER-FAT PRODUCED.

Name of cow.	Butter-fat produced.	Feed consumed.		Feed consumed per 100 lbs. of butter-fat produced.	Cost of feed per 100 lbs. of butter-fat produced.
		Grain.	Roughness.		
Cowslip.....	314.33	1,983	6,924	630.86	\$14.16
Haster.....	274.89	2,043	5,805	743.20	14.92
Rose of Cunningham.....	324.14	2,363	8,667	728.91	16.83
Clover Leaf.....	200.28	1,362	5,040	680.04	15.78
Molly.....	222.30	1,445	8,546	650.02	20.34
Rose of Industry.....	273.17	1,637	6,709	599.26	14.78
Daisy Belle.....	273.24	1,696	6,548	620.69	14.77
Floss.....	251.90	1,379	5,443	547.43	13.20
May Queen.....	308.74	2,002	5,664	648.44	12.98

tendent of the feeding department in the Pan-American dairy test, while in attendance at the Kansas State Dairy Association, scored this bull before the class, and gave him a score of 98 points out of a possible 100. He said: "I would not want an animal of better shape, and it would be hard to find an animal with better skin and hair than this animal has. I think the animal is a very fine one, and good enough for any man's herd. The col-

breeding, even though we have good ancestry, but the results shown in Table XVI would undoubtedly have been less encouraging had the ancestry been poorer. Because we get poor results at times is no reason for not exercising constant care in selecting our breeding stock and in weeding out the poor animals. There is no question but that we will get a larger per cent of desirable heifers when we breed from the best. While a common cow

TABLE XVI.—RECORDS OF HALF-GUERNSEY HEIFERS AND THEIR DAMS

Cow No.	Milk, lbs.	Butter-fat, per cent.	Butter-fat, lbs.
Half-Guernsey, No. 43; age, 2 years 8 months.....	4,088.0	4.44	181.84
Dam, No. 26.....	5,797.0	4.33	251.00
Half-Guernsey, No. 46; age, 2 years 11 months.....	2,964.7	5.29	157.10
Dam, No. 7.....	7,994.5	4.16	333.06
Half-Guernsey, No. 47; age, 2 years 7 months.....	7,684.6	4.27	328.30
Dam, No. 25.....	5,952.0	4.23	251.50
Half-Guernsey, No. 52; age, 2 years 10 months.....	5,967.2	4.23	252.44
Dam, No. 24.....	8,077.6	3.44	278.31
Half-Guernsey, No. 53; age, 2 years 5 months.....	5,910.3	4.11	243.38
Dam, No. 33.....	7,325.3	3.63	266.34
Half-Guernsey, No. 77; age, 3 years 4 months.....	7,602.3	4.17	317.64
Dam, No. 4.....	5,824.0	3.89	226.90

lege ought to be congratulated upon having such a fine animal." There are a few records of Campbell King's heifers recorded in Table XVI. The

may give excellent results at the pail, there is no assurance that she will transmit her qualities to her offspring. Illustration is given in the cases of cows Nos. 5 and 20, whose results are published above. When purchasing these cows we were told that No. 5 was the daughter of No. 20. No. 20 is the best cow in the common herd, and No. 5 ranks among the very poor-

TABLE X.—YEAR'S RECORD OF COWS SELECTED BY DAIRYMEN.

College No.	Name of cow.	Fresh.	Products.			Rank.	
			Milk, lbs.	Average test, per cent.	Butter-fat, lbs.	Judges.	Year's record in butter-fat production.
243	Cowslip.....	November 3, 1901.....	6,285.5	5.00	314.33	3	2
236	Haster.....	January 10, 1903.....	5,663.5	4.85	274.89	1	4
244	Rose of Cunningham.....	December 10, 1901.....	8,107.5	3.99	324.14	2	1
238	Clover Leaf.....	December 5, 1902.....	5,530.9	3.62	200.28	7	9
245	Molly.....	January 28, 1902.....	5,096.9	4.36	222.30	5	8
241	Rose of Industry.....	January 29, 1903.....	5,972.9	4.57	273.17	8	6
240	Daisy Belle.....	January 12, 1902.....	6,329.7	4.31	273.24	9	5
246	Floss.....	April, 1901.....	4,230.0	5.95	251.90	6	7
242	May Queen.....	May 3, 1902.....	4,809.9	6.41	308.74	4	3

It will be noticed that several of these cows are very close together, both in the yield of milk and butter-fat. The lowest yielder in the bunch produced over 200 pounds of butter-fat in the year. In feeding these cows an exact record was kept of the grain consumed by each individual. It was impracticable to keep individual records of the roughness, but the total roughness was accurately kept, and charged to these cows. A record of the feed consumed is given in Table XI.

21 cents per pound, skim-milk at 15 cents per 100, the value of the calf at birth, and the gain in live weight at 4 cents per pound, we have the results given in Table XIV.

It is interesting to know the amount and value of the feed consumed per 100 pounds of butter-fat produced. This is given in Table XV.

DAIRYING WITH GRADE COWS.

The Kansas Station has not had its herd long enough to show much results from the grades. The common

records of their dams are inserted for comparison.

It will be noticed that two of these heifers made a comparatively poor record the first year. We are keeping them, with the thought that perhaps in another year they may make a very fair showing.

It will be noticed that the best records of these grade Guernseys are with animals descended from good dams. There are exceptions to this, as is shown in No. 46, who was out of a remarkably good common cow,

TABLE XI.—FEED CONSUMED BY COWS SELECTED BY DAIRYMEN.

Name of cow.	Grain fed, pounds.			Roughness fed, pounds.								Total pounds.
	Bran.	Corn chop.	Total.	Alfalfa.	Kafir-corn stover.	Green alfalfa.	Cow-pea hay.	Millet hay.	Enslage.	Cut cane.	Oat hay.	
Cowslip.....	1,524	459	1,983	3,295	924	110	324	596	601	681	63	6,594
Haster.....	1,569	474	2,043	3,295	924	110	324	596	601	681	63	6,594
Rose of Cunningham.....	1,801	563	2,363	3,295	924	110	324	596	601	681	63	6,594
Clover Leaf.....	1,032	330	1,362	3,295	924	110	324	596	601	681	63	6,594
Molly.....	1,129	316	1,445	3,295	924	110	324	596	601	681	63	6,594
Rose of Industry.....	1,226	411	1,637	3,295	924	110	324	596	601	681	63	6,594
Daisy Belle.....	1,120	576	1,696	3,295	924	110	324	596	601	681	63	6,594
Floss.....	1,124	255	1,379	3,295	924	110	324	596	601	681	63	6,594
May Queen.....	1,475	527	2,002	3,295	924	110	324	596	601	681	63	6,594

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est. Common cows should be used simply as a stepping-stone to something better. If we attempt to maintain the herd without improving it we will find that we are retrograding. Every year should witness a decided rise in the average production of the herd.

Importance of a Good Sire.—The sire is frequently spoken of as half of the herd. If he is a good one he is more than half, as he will stamp his qualities upon his offspring, and on account of his prepotency the offspring will generally take more after the sire than after the dam.

The Question of Breed.—Numerous inquiries reach this station relative to the best breed for crossing upon our common cows. The question of breeds has been a disputed question ever since breeds existed and will doubtless continue to be for all time to come. If the breed is being graded up for dairy purposes, there is no question but what the sire should be prepotent along dairy lines, and in selecting this sire it is well to see whether he has descended from high producing cows. After eliminating the beef breeds, the question of breed depends more upon the breed of the man than upon the breed of the cow. We frequently find more difference between individuals of the same breed than we do between the different breeds.

Any of the dairy breeds can furnish sires that are vastly superior to those from grade or common cows. The dairy interests of Kansas have shown, from the average production of her cows, that her dairy farmers need to use a sire than will stamp his qualities in a way that will show at the milk-scale and at the Babcock test, and every dairy-farmer should feel that he is committing a crime when using anything but a first-class sire at the head of his herd. Life is too short to attempt to grade up a herd of common cows with a common bull.

The best record under the creamery patrons' investigation was made by a man who has been grading up along dairy lines for several years. The fact that his cows averaged \$8.50 per head more than the next best herd, and \$14 more per cow than the fourth-best herd, and \$21.50 more than the average patron's cow, speaks well for his method of breeding as well as for his feeding and care.

For several years this station has been collecting records of different dairymen. In this collection we have the statement of one of the most successful men in the handling of cows in the State of Kansas. He is quoted as follows: "An old red cow dropped two heifer calves in succession, one a half-grade Holstein, the other from a Shorthorn bull. The Holstein heifer with a third calf produced an average of 52 pounds of 3.8 per cent milk for seven days; and, for the same time, the red heifer with second calf gave 27 pounds of 4 per cent milk per day. The cows were half-sisters, one producing 2.3 pounds of butter per day, the other 1.1 pounds; the first milking eleven months of the year, the second dry at five months." "This instance," says he, "only serves to demonstrate the value of a sire bred for milk and butter, when the farmer is rearing a dairy herd."

Choice cows can seldom be bought at reasonable figures, unless it be at a dispersion sale; the owners know their worth and will not part with them. This being the case, the only way we can get a satisfactory herd is to raise it. This is not only more satisfactory but it is much more economical.

In breeding dairy cows a man should have a definite object in view. Too many shift from beef to dairy when dairy products are high and beef products are low, and then shift back again from dairy to beef when beef rises in value. By this method a man is constantly shifting from one breed to another, and as a result he is getting a herd that is good for neither milk nor beef. A man must have an ideal toward which he is breeding and then bend all his energies to that end. This shifting from one breed to another is a suicidal policy that will ruin any man and any herd.

Importance of a Good Dam.—A great deal of stress has been placed on the importance of a good sire but comparatively little has been said in regard to the breeding qualities of the dam. While these are not relatively of as great importance as the sire's, they nevertheless should receive careful consideration. We can not expect to get the best results from inferior dams, even if the sires are good. The weeding out of the poor cows then has a twofold importance: First, in raising the average production of the herd, and not letting a few unprofitable cows bring down the average so as to make the whole herd appear unprofitable; and second, seek to raise the standard of our breeding stock by furnishing both sire and dam of good breeding and individuality.

(To be continued.)

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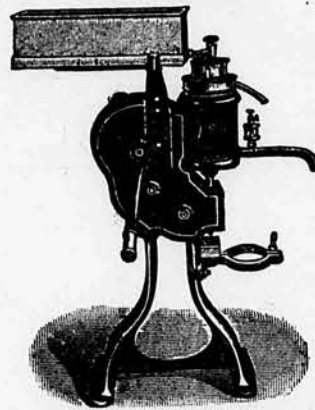
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Eggs and Cash.

The egg product on the farm is one that brings in returns daily, and this is a feature which should give it a leading position in the consideration of those matters which are connected with farming in general. A crop of corn, wheat, potatoes or hay depends on many conditions, and more capital is invested in them than is usually estimated; because a length of time must elapse from the period of planting the seed to the time of harvesting. It is all outlay—from spring to fall—for seed, land, labor and storage, and no money comes in until the crops are marketed. In the meantime, many farmers are compelled to borrow money to conduct their operations until the returns arrive.

It is well known that after harvest is over the only sums that come in as revenue are those from the cows and hens. While the returns from the hens may not be large, yet the daily receipts are of great assistance to those of limited means. Indeed, we have known of several instances where the eggs gathered on the farm more than paid the grocery bill of each family, and some of the families were quite large. The point to observe also is that the winter receipts from poultry are at a period of the year when the demands elsewhere on the farm are not very urgent, and more labor can be given than when the crops are growing. The failure on the part of farmers to attach greater importance to poultry has been to deprive themselves of a source of revenue that is much more certain than any other. One of the causes of the indifference is probably the small amount of cash that he gets for eggs or poultry at one time. At times he may only get a dollar or two and this is not the same as getting a big wad of bills for a load of hogs or a bunch of cattle; but he forgets that he only gets the big wad a few times in the year, whereas he gets the small amount for the eggs every few days and they amount to more in the aggregate, at the end of the year, than the few large amounts he received.

What the farmers should do in the poultry department of the farm is to recognize it as a business and not turn it over to the weaker members of the family. To secure more eggs, better laying stock should be used, and careful attention given. Work is required in every department, and why the farmers are so unwilling to do for the hens as they do for the larger stock can not be explained, unless an established custom has never been overthrown; for they are depriving themselves of one of the best mediums for making the farm pay.

We presume that one of the main reasons why farmers do not raise more poultry, is the expense that must be incurred to provide proper poultry-houses for them. Lumber and other building materials are very high in price and the expense seems to the farmer to be more than the results he will obtain in return for the outlay. To this we would say that the buildings need not be at all elaborate, simply have them warm and dry and they will be all right. Where there is an abundance of straw on a farm, the expense of a snug poultry-house need be but very little. The frame could be made out of posts and poles and the whole covered with five or six feet of straw. A door and a few windows in the south side would be all the cash outlay necessary. No better chicken-house could be made than such an one. In the spring the straw could be taken off the poles and burned and be renewed again in the fall with fresh straw. In riding through the wheat belt, we have seen stacks upon stacks of straw going to waste and eventually to be burned to get it out of the way. What visions of nice, fresh eggs we have seen in those stacks, and they

only need the brawn, muscle and brains of the owner to turn them into good, hard cash.

Chicken Ails.

EDITOR KANSAS FARMER:—Can you tell me what is the matter with my chickens? I have a nice flock of over make an odd kind of noise. I don't make an odd kind of noise. I don't know whether you would call it a cough or not, but it sounds like that made by pronouncing the word "snick."

We live on a farm; they have plenty of range, fresh water, and a good chicken-house. They look well and happy, but I am afraid this is the beginning of disease. If so, what is it and what the remedy?

A SUBSCRIBER.

McPherson County.

Answer.—Your chickens have probably caught cold, which is sometimes the precursor of roup, a very serious disease of fowls. As a preventive, put two tablespoonfuls of coal-oil and one of turpentine to every gallon of their drinking water. They will not like to drink it, but by giving them no other water they will be forced to drink it. For those that have a rattle in the throat, a swelled head and watery eyes, take hold of them by the neck, rather tightly so as to make them open their mouths and plunge their head into a pint of salt water, using a tablespoonful of salt to a pint of water—then wipe the head dry and clean out the nostrils and inject a little coal-oil into the latter, using a sewing-machine oil-can; also pour a few drops into the mouth. Feed soft food for a while and you will be apt to check the disease.

Poultry Notes.

Coal ashes, if sifted very fine, and scattered over the floor and roosts, as well as on the walls, is an excellent remedy for preventing lice. It requires a thorough cleaning to get rid of lice, but if the poultry-house is once clear of them, the use of ashes will greatly aid in preventing lice from appearing. A dusty hen-house is not a dirty one. Ashes and dust are to the hen what soap and water are to a person, and where there is lots of dust, there are few lice.

We can safely state that the best way of treating bowel disease, such as diarrhea in a flock of fowls, is to shut off all food for twenty-four hours, add a gill of lime-water to each quart of drinking water, and at the end of the twenty-four hours, give a liberal feeding of linseed-meal, in soft feed, which is an easier mode than giving medicine.

It is difficult to handle and treat a large number of sick fowls. If it is not desired to kill them, have a comfortable place for them, removing them from those that are well, and give all their medicines in their drinking water. The water vessel, however, should be cleaned every day and a fresh supply given. If the fowls do not recover quickly, it is better to kill them, as it does not pay to keep sick fowls lingering in their misery for any length of time.

Keep the floor of the duck-house well littered. It is astonishing how the duck can stay on the water all day and yet when it is kept in a damp place at night it becomes rheumatic, and soon has leg weakness. Nothing conduces more to the thrift of ducks than dry quarters at night, and leaves, cut straw, chaff, refuse hay or anything of the kind will answer.

When the hens are crop-bound it denotes lack of gritty material, or the cause may be traced to the eating of some material that can not be passed into the gizzard. Sometimes a long blade of grass or hay will clog up the passage. A piece of old rag has sometimes caused the clogging. When several of the flock are afflicted, the cause must be inquired into and removed, as it may be due to some substance in the yard. To cure a crop-bound fowl, the crop must be opened with a sharp knife and the contents removed. Then the crop must be washed with warm water and sewed up. Feed the fowl sparingly on soft

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LARGE Snow White Plymouth Rocks, prize winners at Hutchinson, Wichita, Blackwell and Harper. Are extra large and white, bay eyes and yellow legs. Choice cockerels and pullets for sale cheap. Chas. C. Fair, Sharon, Kans.

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S. C. BROWN LEGHORNS EXCLUSIVELY—Farm-raised. Write your wants for something good. Prices reasonable. Frank T. Thomas, Irving, Kans.

TO GIVE AWAY—50 Buff Orpingtons and 50 Buff Leghorns to Shawnee county farmers. Will buy the chicks and eggs. Write me. W. H. Maxwell, 921 Topeka Ave., Topeka, Kans.

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SPECIAL SUMMER PRICES on my Superior Strain Banded Plymouth Rocks: 15 eggs, 50c; 30 eggs, \$1; 100 eggs, \$2. E. J. Evans, Box 21, Fort Scott, Kans.

WHITE HOLLAND GOBBLEES—From first prize stock, \$4 each. E. W. Melville, Endora, Kans.

SCOTCH COLLIE PUPS—Four more litters of those high-bred Collies, from 1 to 3 weeks old, for sale. Booking orders now. Walnut Grove Farm, H. D. Nutting, Prop., Emporia, Kans.

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A. H. DUFF, Larned, Kan.

feed for a few days and it will soon get over the difficulty. The reason some of these operations are not successful is that the cause of the difficulty is not removed when cleaning out the crop, the substance very often being in the passageway between the crop and gizzard. It is essential that this be removed to effect a cure.

Arrange your poultry-house so that all cleaning can be done with a broom. To do this, keep the floor well covered with dry dirt, and when the house is to be cleaned, simply sweep off the floor and scatter fresh dirt, using an extra quantity under the roosts. In this manner the work can be done in a few minutes, and the droppings can be placed in barrels, as the dirt will assist in preserving them.

A mess of alfalfa, cut very fine, scalded and bran and corn-meal sprinkled over it, fed warm to the hens, and given early in the morning, just as they are coming from the roost, is not only one of the best and most complete egg-foods but it warms and invigorates them and puts them in excellent condition for enduring the rigorous weather. By exercising and scratching for scattered grain during the day, with all the grain they can eat at night, they should become profitable by shelling out a good supply of eggs, which bring a good price these days, 25 cents per dozen.

Horticulture

Shawnee Horticulturists.

EDITOR KANSAS FARMER:—The Shawnee County Horticultural Society met in the rooms of the State Horticultural Society, December 1. A good attendance was present. The first Thursday in December is always for experiences of the past year, suggestions for the good of the society, and election of officers for the ensuing year.

A. E. Dickinson, whose orchard is situated on the north line of this county, said his report would be very short, in fact, one would nearly tell it all—"failure." Prospects were good in the spring, but fruit dropped badly, owing to cold, wet weather in April. The Missouri Pippin gave the greatest promise, but at harvest time did not furnish a dozen apples. The Jonathan did fairly well. J. M. Kennedy reported a big crop of strawberries—752 crates from three acres. Prices were low. The average price was below one dollar per crate. Blackberries (Kittatinny variety) were good, one acre yielding 293 crates, for which he received about two dollars per crate. Early Harvest had winter-killed for two years in succession. He grubbed them up this year.

A. B. Smith reported the largest crop of cherries ever borne by his now fourteen-year-old trees. He considered the cherry a good tree to plant; his did well in the dry year of 1901, and also in the wet year of 1904.

He did not trim, but cultivated his orchard up to this year; has it mostly seeded to grass and clover now. A few trees in the prairie sod always ripened their fruit a few days earlier than the rest of the orchard. There were about 1,000 trees, set too close together; they should have been 25 by 25 feet.

F. S. Peacock harvested only a few apples. The Ben Davis had done better than anything else. He used the dust-spray and was well pleased; had no codling moth.

Pear-trees are in bad shape, having never recovered from the severe freezing of four years ago.

B. F. Van Orsdal reported apples nearly a failure; Ben Davis the best. He had a few in cold storage.

Grapes were a good heavy crop, did well until the foliage began to drop in July. Peaches were one-half crop, pears good. Cherries were good, one of the best paying fruit crops; he has one cherry orchard thirty-three years old which bore up to 1904. Early Richmond had done best for him, Montmorency next.

The president made a verbal report,

briefly referring to the work done for the last year. At the close of his remarks, Vice-President Smith put the motion and a vote of thanks was tendered for the able manner in which the year's work had been managed.

Report of treasurer showed that there had been received \$72.20 and the disbursements had been \$64.55, leaving a balance on hand of \$7.65.

The election of officers resulted as follows: President, S. M. Crow; vice-president, A. B. Smith; secretary and treasurer, O. F. Whitney; delegates elected to the State Horticultural meeting were: A. T. Daniels and R. B. Steel; alternates, Julia E. Whitney and Sarah A. Smith.

President Crow appointed the following committees:

Executive, A. T. Daniels, F. S. Peacock, and Mrs. Walter Bates.

Nomenclature, Walter Wellhouse, A. H. Buckman and F. P. Rude.

Prompters—Apples, Judge Wellhouse; stone fruit, G. W. Van Orsdal; berries, J. M. Kennedy; grapes, W. H. Coulter; garden, F. P. Rude.

The next meeting will be January 5, 1905. All persons interested are cordially invited to attend.

O. F. WHITNEY, Secretary.

Make Cuttings Now.

PROF. J. C. WHITTEN, MISSOURI AGRICULTURAL COLLEGE.

Few people realize how simple a matter it is to propagate one's own grapevines, currants, gooseberries and most ornamental shrubs. If the work is properly done, these plants may be readily propagated by means of cuttings made late in autumn after the leaves are off of the plants but preferably before cold weather comes on. Only well-ripened mature wood that has grown during the preceding summer should be selected for making the cuttings, all soft or immature parts being discarded. The cuttings themselves should be made six to ten inches long, and the base of each should be cut squarely just below a bud so the bud is retained at the lower end. These cuttings should be tied up in bundles of convenient size, say, one hundred in a bundle, their butts, or basal ends, all one way, well shaken down so as to stand level on a flat table. They may then be kept through the winter in a cellar or callus pit.

STORING FOR WINTER.

If one has a good cool cellar which is not too dry, it will be a good place to keep the cuttings until time to plant in the spring. They will keep best if packed in moist sawdust, though slightly moist soil or sand will do. Fresh, moist sawdust is best because it is neither wetter nor drier than the wood of the cutting itself.

Place about two inches of the moist sawdust in the bottom of a box and stand the cuttings in, base downward, so that the smoothly cut end of each will be pressed firmly upon the sawdust, so as to enable it to take up any necessary moisture through the cut surface in case there is a tendency to dry out. As soon as the boxes are filled with the cuttings, sawdust should be shaken in among them so as to fill all air spaces as far as possible, and the tops covered with two or three inches of sawdust to keep them from drying out.

If the cellar is very dry, a wooden cover may be placed over the box to prevent drying. If the cellar is fairly moist and especially if it is warm, it is best not to cover the box, as the cuttings will be more liable to mold if covered.

WHEN SPRING COMES.

By spring most of these cuttings will have put out a callus where the butt of the cutting comes in contact with the moist sawdust. This callus is the first start towards making a root system. In many cases even the roots themselves will be produced before spring.

Upon the approach of spring, as early as the soil can be worked and before the buds on the cuttings have begun to grow, they should be planted out in good garden soil. The rows should be about four feet apart, to admit of easy cultivation, and the cuttings should be set very firmly in the

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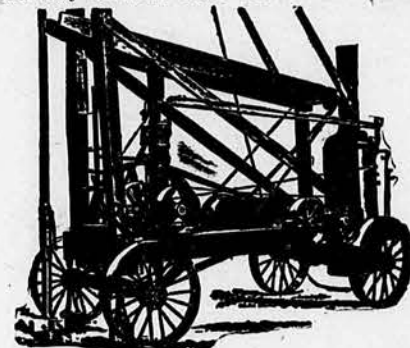
soil, so as to leave no air spaces about them, and set deep enough so only the uppermost bud is above the ground. They should then be given clean cultivation and hoed to keep down all weeds during the summer, when usually an excellent growth of plants will be secured.

If one has grapevines which he wishes to propagate but which he does not know the name of so as to enable him to order more from the nursery, he may easily propagate them in this manner.

Currants, gooseberries, the Marianna and Golden Beauty plums, some varieties of quinces, the barberry, spirea, mock-orange, privet and most varieties of shrubs, as well as willows, poplars and some other varieties of forest-trees, root readily from cuttings handled in this manner.

What is Underneath.

Immense fortunes of mineral (as well as the precious waters of life) are to be found beneath the surface at times if the prospector goes deep enough. During the last quarter of a century many ordinary farmers have found more value



under their farms than a century's work would yield above the surface. Pure water is a great necessity to every farm. To get it, it is often necessary to go beneath the solid rock to a depth of hundreds of feet. Every neighborhood needs a well-drilling machine which is also valuable for prospecting for various minerals. In seeking water, one is liable to find the minerals. The water alone is worth all the cost usually of the drilling. Many people get their start in business by using a machine and working for others. We illustrate herewith a machine manufactured by the pioneer firm in this line, Kelley & Taneyhill Co., Waterloo, Iowa, who will be pleased to furnish catalogue and other particulars in regard to their several styles of drilling machinery.

Christmas Holiday Excursion Rates

via the Nickel Plate Road, December 24, 25, 26, and 31, 1904, and January 1 and 2, 1905, good returning January 4, 1905, at a fare and a third for the round trip, between Chicago and Buffalo. Three through express trains daily to Ft. Wayne, Findlay, Cleveland, Erie, Buffalo, New York, Boston and all Eastern points. Through Pullman sleepers and excellent dining-car service, individual Club Meals, ranging in price from 35 cents to \$1, being served in Nickel Plate dining-cars; also service a la carte. No excess fare charged on any train. Chicago depot, Van Buren and La Salle Sts. City ticket offices, 111 Adams St. and Auditorium Annex. All information given upon application to John Y. Calahan, General Agent, 113 Adams St., Room 298. (34)

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If you will send me your name and address, I will send you ABSOLUTELY FREE my 100 page book, which will convince you that I can cure you WITHOUT PAIN OR SURGERY. DR. E. O. SMITH, 2810 Cherry St., KANSAS CITY, MO.

The Dietrich & Spaulding Poland-China Sale.

(Continued from page 1226.)

brother was recently sold for \$100 to head the Sunflower Herd of Andrew Pringle, Eskridge, Kans. This will be a bred sow sale, in which fifty sows and gilts will be sold, and in order to accommodate breeders who may desire them, ten choice young boars will also be offered. The sale will be conducted in the new Forest Park pavilion, one block from the Santa Fe Depot at Ottawa, by Cols. H. O. Correll, D. P. McCracken, and Hal Green. Buyers who find it impossible to be present may send their bids to either of these auctioneers or to I. D. Graham of the Kansas Farmer. Send a postal card to Dietrich & Spaulding, Richmond, Kans., for a copy of the sale catalogue.

The Armour-Funkhouser Sale.

On December 6, the annual sale of imported and home-bred Hereford cattle from the herds of C. W. Armour, Kansas City, and J. A. Funkhouser, Plattsburg, Mo., was opened at the sale pavilion at Kansas City. The weather conditions were good, the auctioneers were better and the cattle of the best. The crowd in attendance, however, was not as large as had been expected in view of the enormous demand for sale catalogues that had been experienced. Most of those in attendance were breeders or farmers interested in good cattle and, though the bidding on the first day lacked in spirit, it revived on the second day and the average of prices for the entire sale proved to be fairly satisfactory. The sale was conducted by Cols. R. E. Edmondson and J. W. Sparks, which is equivalent to saying that the work was well done. The top of the sale was brought by that grand old bull, Printer 66684, consigned by W. W. Gray, Fayette, Mo., and sold to R. H. Hazlett, Eldorado, Kans., for \$400. Printer is regarded as one of the best Hereford bulls now living and he will be right at home amidst the magnificent animals already at "Hazford." The top of the cow sale was \$260, brought by the Armour cow, Hilda, who went to Colorado. The sale in detail was as follows:

FEMALES.

Nettie, 3 years, Mr. Funkhouser to Makin Bros., Lees Summit, Mo.	\$150
Pretty Lady, 3 years, Mr. Armour to L. W. Balch, Kirksville, Mo.	70
Sunny Locks, 3 years, Armour to A. L. Miller, Platte City, Mo.	120
Shiela, 3 years, same to J. H. Arnold, Claude, Texas.	120
Valda, 3 years, same to J. D. Shields.	95
No. 21, 4 years, same to L. Pinet, Cote Sans Dessein, Mo.	70
Larita, 2 years, Mr. Funkhouser to O. Harris, Harris, Mo.	90
Armour Brilliant, 3 years, Mr. Armour to L. W. Balch.	95
Armour Plum, 2 years, Mr. Armour to C. B. Smith, Fayette, Mo.	115
Lovely 5th, 4 years, same to George Trefzer, Falls City, Neb.	165
Dainty 3d, 4 years, same to A. L. Miller.	150
Lady Abigail, 2 years, Mr. Funkhouser to Makin Bros.	155
Romance, 2 years, Mr. Armour to J. H. Arnold.	70
Nightglow, 2 years, same to same.	75
Paloma, 2 years, same to C. B. Smith.	90
Magnolia, 1 year, Mr. Funkhouser to A. L. Miller.	90
Pretty Pearl, 2 years, Mr. Armour to E. R. Morgan, Blue Rapids, Kans.	125
Lady Clare, 2 years, same to J. H. Arnold.	65
Atthea, 2 years, same to L. W. Balch.	90
Princess, 4 years, same to Warren Landers.	180
Louisa, 3 years, same to J. H. Arnold.	75
Trixy, 5 years, same to A. L. Miller.	100
Rosie, 4 years, same to L. Pinet.	135
Abbess, 4 years, same to C. B. Smith.	110
Brampton Sunbeam 20th, 4 years, same to S. W. Tilley, Irving, Kans.	205
Virgella, 2 years, Mr. Funkhouser to Henry Ackley, Wellsville, Kans.	160
Wendia, 2 years, same to J. L. Gibbs, Lawrence, Kans.	95
Artilla, 2 years, sold by Mr. Funkhouser to Steele Bros., Belvoir, Kans.	100
Monkton Lass, 3 years, Mr. Armour to C. B. Smith, Fayette, Mo.	225
Armour Queen, 3 years, same to Jos. Miller, Prescott, Iowa.	125
Joy, 2 years, Mr. Funkhouser to C. B. Smith.	175
Ivybranch 2d, 6 years, Mr. Armour to Ed Bucklew, Bowen, Ill.	145
Hedge Rose, 2 years, same to L. Pinet.	130
Armour Carress, 2 years, same to Preston Anderson, Oklahoma City.	110
Lady Monkton, 2 years, same to Steele Bros.	130
Neville, 2 years, Mr. Funkhouser to C. B. Smith.	90
Stately, 4 years, Mr. Armour to C. B. Smith.	215
Vestal, 2 years, same to L. Pinet.	120
Hilda, 3 years, same to Elton T. Beckwith, West Cliff, Colo.	260
Magic, 4 years, same to Jos. Miller.	125
Miss Fern, 3 years, Mr. Funkhouser to T. C. Sawyer, Lexington, Mo.	180
Venus, 5 years, Mr. Armour, to Jos. Miller.	115
Peg 4th, 4 years, same to Jos. Miller.	100
Cordula, 2 years, Mr. Funkhouser to	

Jos. Miller.	100
Lovely Lass 3d, 4 years, Mr. Armour to S. W. Tilley, Irving, Kans.	140
Lady Cow 9th, 7 years, same to Ferd Friedley, Verdon, Neb.	165
English Rose, 2 years, same to Preston Anderson.	85
Velma, 2 years, Mr. Funkhouser to Makin Bros.	140
Brampton Sunflower 11th, 4 years, Mr. Armour to E. R. Morgan, Blue Rapids, Kans.	175
Princess Lily, 2 years, same to Preston Anderson.	100
Rosa 3d, 4 years, same to Stevenson & Marshall, Casimalla, Cal.	165
Rustic, 3 years, same to O. Harris.	120
Princess Brilliant, 3 years, same to C. B. Smith.	135
Natalie, 2 years, Mr. Funkhouser, to Preston Anderson.	110
Useful Anne, 2 years, Mr. Armour to Preston Anderson.	115
Silvery, 5 years, same to Jos. Miller.	200
Belle Donna, 5 years, same to Preston Anderson.	130

BULLS.

Onward 15th 143024, 2 years, Mr. Funkhouser to Jos. Miller.	\$265
Printer 66684, 9 years, W. W. Gray to R. H. Hazlett, Eldorado, Kans.	400
Hesiod 102d, 1 year, Mr. Funkhouser to G. W. Wilson, Everton, Mo.	175
Hesiod 96th, 2 years, same to A. D. Hornaday, Ft. Scott, Kans.	105
Hardy 3d, 1 year, same to Felice Cattle Co., Roswell, N. M.	80
Hesiod 105th, 1 year, same to Felice Cattle Co.	75
Hesiod 103d, 1 year, same to Felice Cattle Co.	80
Aubrey, 1 year, same to Stevenson & Marshall, Casimalla, Cal.	85
Hesiod 101st, 1 year, Mr. Funkhouser to Warren Landers, Savannah, Mo.	150
Hardy 2d, same to L. W. Balch.	80

SUMMARY.

57 females brought.	\$7,285.00
Average.	127.80
12 bulls brought.	2,200.00
Average.	183.33
90 head brought.	9,485.00
General average.	137.46

McLaughlin Bros. at the International.

Although the McLaughlin Bros., of Kansas City, Columbus, and St. Paul, have long since sold many of their World's Fair prize-winning Percherons and French Coach horses, their stud is so strong that they can make up a group of show animals at any time. This year they went to the great International Live-Stock Exposition at Chicago, and made a very strong exhibit. Among their winnings we note that they secured first prize in the 3-year-old Percheron stallion class in the Percheron specials. They also received first and second prizes on best group of five stallions owned by one exhibitor, and the championship on stallion any age. In the French Coach classes, they won first on 4-year-old stallion, first prize on 2-year-old stallion, and first prize on four animals, the get of one sire. They received a considerable number of other prizes as well, and we consider that their stud in both breeds never was stronger than it is to-day.

The Markets

Kansas City Live-Stock and Grain Markets.

Kansas City, Mo., December 12, 1904. Receipts of cattle at this market to-day were 10,500, about the same as last Monday. The supply of dressed beef stuff was not as large as expected, most of the supply being Western. There was no prime stuff offered though there was some real good steers sold at steady prices. The top was \$5.50 but most of the sales were below \$5 and quite a number below \$4.50, owing to the grass and short-fed stuff that was in the offerings. She stuff was steady to strong with most of the sales above \$2.60 and ranging as high as \$4. Canners were 10¢ to 15¢ lower. Stockers and feeders were active and steady, selling mostly around \$3.25 and some as high as \$4. Veal calves were steady and active. The quarantine market was steady with the early part of last week. Receipts of cattle at this market last week were 38,000, about 14,000 less than the previous week. Dressed beef steers were more liberally represented than usual and the best kinds held steady through the week, but the common kinds declined from 10¢ to 15¢. Some choice Christmas steers sold Tuesday for \$6.50, the top outside of that sale was \$5.90. She stuff remained steady throughout the week except canners which declined in some instances as much as 15¢. Stocker and feeder market closed the week a little higher with a fair run to the country for this season of the year, 477 cars going to the country. Quarantine receipts were very light for the week. An unexpected light run of hogs was had here to-day, there being only about 5,000 on sale. The market was 5¢ to 10¢

higher on the heavies and 15¢ to 25¢ higher on pigs. The market was active and an early clearance was had. The top sale was \$4.65 and the bulk of the sales was above \$4.45. The receipts of hogs here last week were 58,200 against 77,700 the previous week. The week finished with a light run and with the market on the advance. A decline for the week of 5¢ to 10¢ is quotable, but the market closed a full dime above the week's low point. The top for the week on heavy hogs was \$4.65 which was had on Tuesday, and the lowest top for the week was had on Friday. Top on light hogs for the week was \$4.42½ and Friday's top was \$4.32½.

To-day's sheep receipts were 3,000 head, mostly Colorado and New Mexico offerings of a fair quality, but nothing choice was in the day's offerings. A string of 700 goats sold at \$2.65. Other mutton offerings were ewes and sold well. One load of good but very burry lambs brought \$5.75. The day's market was active and generally 10¢ higher. Sheep receipts for the week were 14,467, which is an unusually light run, and did not begin to fill the wants of the packers and feeders. There was nothing choice in the offerings, therefore there were no representative sales of what good stuff would bring, but it is generally predicted that choice muttons and lambs would sell readily at very remunerative prices. The market closed with a strong feeling and prices fully 10¢ to 15¢ higher than the close of the previous week. A supply of good Christmas muttons would meet with a good demand and go at good prices.

The horse market was slow and inactive. There was a fair offering of good horses but buyers were scarce. The best kinds were called \$10 lower and the other kinds \$5 lower. Some right good Southerners sold for \$75, and a good 1,400-pound draft-horse brought \$145. The bulk of the Southerners sold from \$25 to \$50. About 350 horses were received for the auction to-day. There was a light run of mules but the trade was not lively. There were 200 mules received at the barns to-day. Dealers have their stables full held over from last week and there will be no room for fresh arrivals until buyers take out a few. A few buyers were at work picking out some good ones this morning.

Receipts of grain at Kansas City to-day were 348 cars containing 142 cars wheat, 183 cars corn, 22 cars oats and 1 car of rye. The wheat market was slow and weak. No. 2 hard \$1.00 to \$1.05; No. 3 hard \$1.01 to \$1.03; No. 3 red \$1.03 to \$1.05½; No. 4 red \$1.06 to \$1.08; No. 3 red \$1.03 to \$1.05½; No. 4 red \$1.06 to \$1.08. Corn is about steady. No. 2 mixed 41¢ to 41½¢; No. 3 mixed 40¢ to 41¢; No. 4 mixed 39¢ to 40¢; No. 2 white 40¢ to 41¢; No. 3 white 40¢ to 41¢; No. 4 white 39¢ to 40¢. Oats remain steady. No. 2 mixed 29½¢ to 30¢; No. 3 mixed 29¢ to 29½¢; No. 4 mixed 28½¢ to 29¢; No. 2 white 30¢ to 31¢; No. 3 white 29¢ to 30¢; No. 4 white 28½¢ to 29¢. Rye is steady with No. 2 selling at 71¢ to 72¢ and No. 3 70¢ to 71¢. H. H. PETERS.

Clay, Robinson & Co. write:

Kansas City, December 12, 1904. For the week ending last Saturday official receipts of cattle were 37,333, compared with 51,377 last week and 96,501 during the corresponding period a year ago. The shortage was to a great extent due to the decreased marketing of range-bred stock. Fed beefs came in more liberally, the greater part of the supply consisting of medium kinds of short-fed steers. Very best offerings held steady; while common and medium grades declined 15¢ to 25¢. Best cows and heifers remained steady; others declined 10¢ to 15¢. Bulls were firm. Veal calves have been scarce and stronger, best light ones now

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40 HEAD 40

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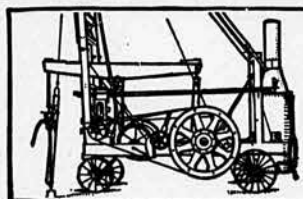
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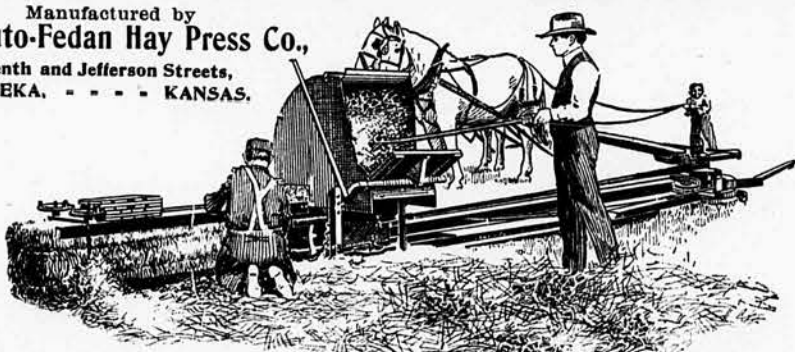
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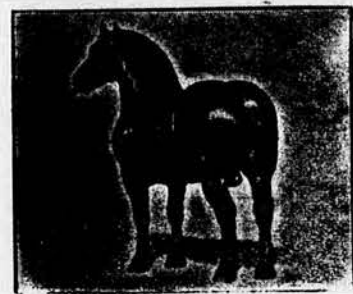
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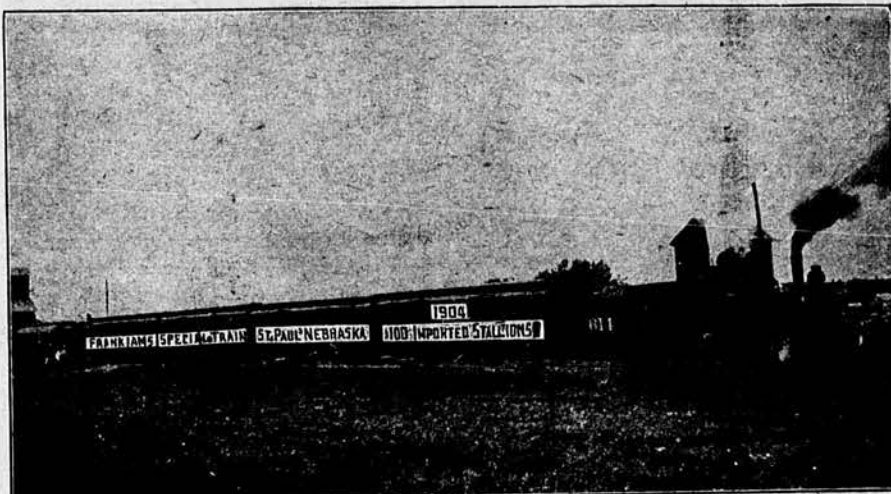
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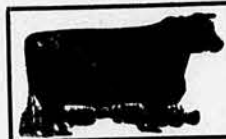
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