

KANSAS FARMER

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Again we "rise to explain" that the KANSAS FARMER is always glad to hear from and to answer questions for every reader who will sign his name to his letter. This invitation is extended not only to subscribers but to all other readers of the Old Reliable. But we have neither time nor patience to attend to the fellow who is unwilling to sign his name to his inquiry. We say "fellow," for this kind of cowardice is always of the masculine gender. The editor does not recall a single unsigned letter ever received from "the other side of the house."

Last year, when the Breeder's Gazette, of Chicago, made its magnificent report on the live-stock exhibit at the World's Fair, the writer felt that the limit of human attainment in the creation of an ideal live-stock paper had been reached. It is now a matter of satisfaction to all interested in the development of the live-stock industry, which is the basis of National wealth that this great paper has continued the pace which it set for itself last fall. Its report of the live-stock exhibits at the Lewis & Clark Exposition was as good as anything ever attempted, while its report of the American Royal at Kansas City, leaves nothing to be desired, and alone is worth many times the price of the subscription. It takes both ability and cash to produce a journal like the Gazette but these have placed it in a class by itself. The KANSAS FARMER will be glad to furnish this great paper at special clubbing rates, both papers for only two dollars.

WILL IT PAY TO HOLD CORN?

According to information just collected by the Missouri Agricultural College, the farmer who puts his corn in a crib to hold it for better prices can count on a loss by next June of at least 15 per cent. That is, leaving out of account the cost of handling and loss by waste, 30 cents a bushel for the crop now is better than 35 cents next spring.

This conclusion is based on the reports of careful experiments covering seven years and extending over a large part of the Mississippi Valley. At the Iowa Station, for example, seven thousand pounds of corn were husked and

stored October 19, in a crib built upon scales in order that the weight might be taken without disturbing the natural condition of storage. There was a shrinkage of 9 per cent for the first quarter of the year, 5 per cent for the second, 3 per cent for the third, and 25-7 per cent for the last quarter. The experiment was conducted under the conditions that normally exist in this section of the United States and the results may, therefore, be taken as typical.

The Missouri College of Agriculture, however, does not advise farmers to sell their corn, but to feed it to some class of animals, thus returning as much of it as possible to the soil. Careful estimates show that where corn is fed, 85 per cent of it can be sent back to the field to preserve its fertility. Selling the crop means taking this 85 per cent from the farm and thus, needlessly, reducing its fertility.

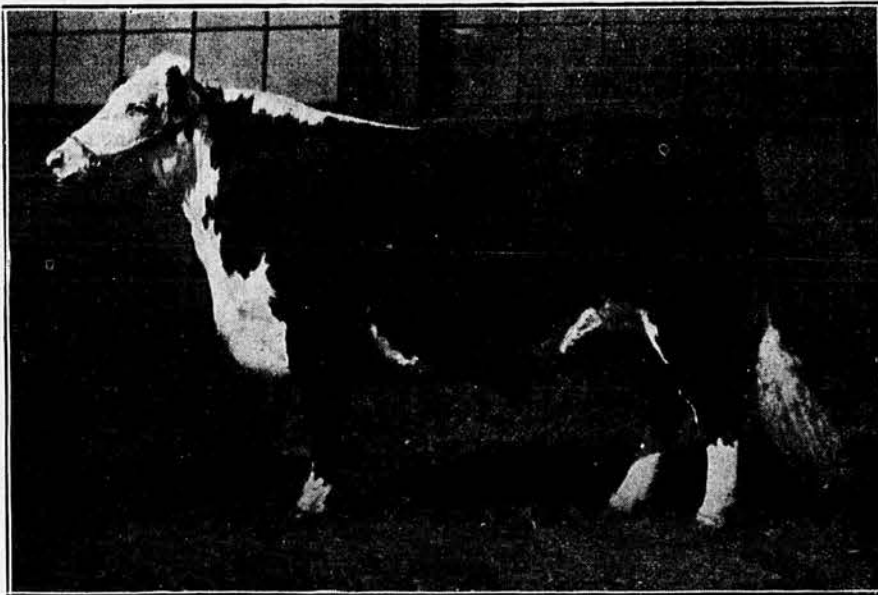
AMERICAN ROYAL NOTES.

Prof. W. J. Burtis, who is very active in forwarding the interests of the animal husbandry department of the Oklahoma Agricultural College of which he is the head, was present during the entire week of the American Royal. During his visit he purchased a new herd bull for the college Shorthorn herd. This bull is Glassful 241516 by Conqueror 149048 out of Queen of Beauty 12th by Velveteen Prince

Baron Viscount 242294 to go to Texas for \$700. They also sold a Choice Goods calf to the same purchaser for \$800. This fact is mentioned for two reasons. In the first place it shows the quality of cattle bred by Harriman Bros., and in the second place it is a slight indication of the known demand which now exists in Texas and the range country for good Shorthorn bulls. It was a matter of comment throughout the American Royal, that there is now a stronger demand for Shorthorns on the ranges and farms of the West than there has been for years past and that prices are correspondingly good.

Not only is Secretary T. J. Wornall a great breeder of Shorthorns and a member of the State Senate of Missouri, but he is a conspicuous success as secretary of the American Royal. The Royal this year was bigger and better than ever before, and the affairs of the secretary's office were better managed. He is undoubtedly the man for the place.

The various departments of the great show acted in perfect harmony with each other and the general machinery ran smoothly and well. This is due in no small degree to the efficient management of C. R. Thomas, who is general manager of the American Royal and who is also secretary of the American Hereford Cattle Breeders' Association. If the authorities of the American Royal understand



SUNFLOWER LAD.

First Prize and Champion Hereford Steer. Fitted and Exhibited by the Kansas State Agricultural College.

113981. He was bred by Senator T. J. Wornall, of Liberty, Mo., who is secretary of the American Royal. This bull was calved September 4, 1904, and gives promise of being just what is needed by the Oklahoma College to place at the head of their Shorthorn herd. Professor Burtis is a graduate of the Kansas Agricultural College and now wields a powerful influence for good agriculture in the Twin Territories.

Col. R. L. Harriman, of Harriman Bros., Bunceton, Mo., sold some good Shorthorn cattle at fairly good prices during the American Royal. They sold

their job, they will keep C. R. Thomas where he is.

John R. Hazelton, who was in charge of the press bureau, created a warm spot in the hearts of the newspaper push by his gentlemanly bearing and accommodating nature throughout the show. Subjected as he was to all sorts of annoyances, he never lost his temper and never failed to do his utmost to assist the newspaper representatives who were on the grounds. Many of these representatives were new to their business and caused the press bureau an undue amount of trouble, but through it all Mr. Hazelton

FINE STOCK SALES FOR NEXT WEEK.

Monday, October 30.

Klaus Bros., Bendena, Kans., Poland-Chinas and Herefords.

Tuesday, October 31.

Harris & McMahan, Lamine, Mo., Berkshires.
Nellie Burgan, Ford, Kans., Shorthorns and Polled Durhams.
Jos. Condell, Eldorado, dispersion sale of Herefords.

Wednesday, November 1.

Geo. W. Null, Odessa, Mo., Poland-Chinas.
June K. King, Marshall, Mo., Berkshires.
W. J. Honeyman, Manager, Madison, Kans., combination sale of Poland-Chinas.
G. G. Burton, Topeka, dairy cows and Duroc-Jerseys.

Saturday, November 4.

Geo. W. Falk & Bros., Richmond, Mo., Poland-Chinas.

pursued the even tenor of his way, and his way is a mighty good one.

Purdy Bros., of Harris, Mo., gained the credit of having the very best Shorthorn bull on the grounds. It is true the judges did not so decide but the writer was in the presence of numerous breeders and judges, who inspected this calf after he was shown in the ring, and it was their unanimous verdict that he was not only the best on the grounds but that he was well nigh perfect as an individual. He is a son of Lord Lovell, their great herd bull, and in the stalls he stood beside a pure Scotch calf of the same age belonging to another owner, which sold for \$200, while Purdy Bros. refused \$600 for their calf.

Like the Western boy, the American Royal has outgrown its clothes. It must have a new suit. Under the present arrangement of the grounds there is hardly room enough for the breeding cattle and hogs. There is no provision whatever for the horses, or the fat and feeding cattle on the grounds; and what is more, there is no room for them on the present site. Many visitors missed seeing the magnificent exhibit of draft and coach-horses because they did not know where to find them. The horses were located, of necessity, in one of the large horse barns, up Genesee Street, some distance from the American Royal entrance. This compelled the owners of these magnificent horses to stable them in stalls that during the remainder of the year are occupied by sale stuff which may or may not be in good health. They were also compelled to lead these horses out into the thickly crowded street where automobiles, vehicles of all other kinds, pedestrians, and street fakirs were jostling each other, and they were also compelled to cross the tracks and dodge the cars passing thereon.

It is understood that plans are being perfected for the erection of a permanent exhibition pavilion to take the place of the tent that has always been in use for this purpose. The tent this year was larger than ever before, and measured 400 by 150 feet with a seating capacity of 6,000. While a tent has the advantage of giving good light so that visitors can see the exhibits at a good advantage, it has the distinct disadvantage of being inefficient

(Continued on page 1086.)

Agriculture

Practical Questions on Farm Management.

L. A. DOANE.

The study of farm management having been introduced into the agricultural course of the Kansas State Agricultural College, it was decided by Prof. A. M. Ten Eyck, who has this branch of study in charge, that some of the methods of farm management employed by the farmers over the State, and by the farmers of other States, might be studied with advantage, providing the plan of the methods employed could be secured. With this object in view the names of prominent farmers were sought and procured, both in this State and in other States. The 1904 class in this subject, acting with the professor, then made up a list of questions, which were submitted to the farmers for answer.

This list of questions was sent to nearly two hundred farmers, with a letter explaining the purpose of the investigation, and requesting careful and concise answers. As a result, in the neighborhood of fifty of the men addressed answered the questions more or less fully. I was appointed by Professor Ten Eyck to work up the data secured, and I have sought to put the answers into a form so that their contents may be noted easily. Such answers should be of value and interest to farmers generally, as showing the methods whereby some men out of the many engaged in agriculture throughout the United States have carried on their farming business successfully, and by successfully I mean profitably. Below is given, in a condensed form, the answers received from three States—Kansas, Wisconsin, and North Dakota. For convenience the question is stated each time, followed by the answers, and the data has been grouped by States.

Questions and Answers in Farm Management.

ANSWERS GIVEN BY KANSAS FARMERS.

1. What line of farming are you engaged in?

Answer—Thirteen, stock; fourteen, general; one, grain.

J. M. Moody.—Seed-growing and stock-raising.

John Thrall.—Raising seed-corn, popcorn, beans, and potatoes.

Three who said that they were engaged in mixed farming also stated that they were feeding all their produce to stock raised, so that this would be practically stock-raising too.

2. Do you take an inventory of your property each year, so that you may know the value of your investment and your annual profit or loss?

Ans.—Twelve, no; sixteen, yes.

3. Do you keep a careful account of all business transactions?

Ans.—Six, no; twenty-three, yes.

J. P. Wood.—Only as cash is involved.

4. Do you keep daily work records?

Ans.—Twenty-four, no; four, yes.

Two different men had started to keep records, but had given it up.

John Thrall.—I write up records carefully each day.

J. A. Showalter.—Not any more than what is paid for.

5. Do you keep account with each field or crop and with each department of your farming business?

Ans.—Twenty-two, no; seven, yes.

C. W. Taylor.—I keep accounts with each department but not with each field.

E. L. Cottrell.—I could not possibly do it.

6. Describe your system of keeping accounts.

Ans.—Mr. Reichenberger, who says "no" to question five, says he keeps day-books and ledger accounts.

A. J. Pottorf.—I know how many acres are in each field and also know yield and cost of labor in each and can easily compute profit or loss.

C. W. Taylor.—I have cut my system of keeping accounts so that it

takes the least possible time. My check-book keeps my bank account and I do not keep any cash account. All the men I know who are running large farms and keep an accurate set books are failures as farmers.

E. L. Cottrell.—I keep four different accounts: hogs, horses, cattle, and one for general farm expenses; close my books at end of each year after taking invoice.

Thos. Potter.—I pay out all funds by check and make record of transaction on stub, then copy this in day-book.

J. M. Moody.—I keep account of all expenses incurred, also of all the money taken, and at the end of each year balance accounts.

Edward M. Hall.—I keep personal accounts, like a ledger account, with explanations.

J. A. Showalter.—I have two books, day-book and ledger. In the day-book goes everything—all business transactions, time of seeding, etc., then I check out to my ledger what I want to sum up.

Unsigned.—Have not yet established a fixed method of keeping accounts. Have used a day-book and journal (combined) and ledger. Keep accounts (partly so) with live stock, dairy produce, poultry and eggs, fruit and vegetables, grain, cash, expense, personal accounts, loss and gain (double entry).

J. P. Wood.—Impossible.

D. G. Page.—All accounts are lumped in the general ledger.

E. E. Chase.—I have no system; as yet few accounts.

C. W. Shull.—Thus far I have just kept a day-book, from which I make up special accounts as I wish them.

J. B. Harman.—I keep a cash book and a ledger account with some. I record a cash deal in this way:

To McLeod, 7 hogs, average 250 pounds, at 5 cents.....\$87.50
By Fariae, 2 cows at \$35.00..... 70.00

L. W. Kaldraen.—My method of keeping accounts is simply a set of three books—one for daily record and work-book, one for business accounts; (do not follow intricate rules of book-keeping), and one for ledger accounts.

P. K. Symns.—I keep detailed itemized accounts with date in book and a complete file of bills and receipts.

A. L. Noyes.—I itemize all sales, also all money paid to hired men, with the dates. I also take down the date when each mare is bred and state as to what horse or jack, as the case may be. Any farther questions that may come up, I can generally answer from these dates and from memory, my check-book also helps.

W. R. Correll.—I do all business through the bank, pay all labor, notes, etc., by checks; check answers for receipt. I keep a rough farm day-book and copy into ledger only after a series of business transactions. I do not have any regular time to transfer accounts.

George Doll.—My books I keep are day-books and large and small ledgers. The accounts opened are: wheat, corn, oats, Kafir-corn, horses, cattle, hogs, implements, repairs, etc.

7. Do you prefer married or single men as farm hands?

Ans.—Thirteen single; eight, married. Two had their own boys; one had no preference.

W. H. Rhodes.—I have had no experience with married men; single men are very unsatisfactory.

J. A. Showalter.—My experience teaches me that a single man makes the best farm hand, as married men who hire out on the farm have very little ingenuity, "get up," etc., or they would not be hiring out.

J. A. McKenzie.—I think single men better workers; but married men are more steady.

8. What is your method of handling hired help?

Ans. G. F. Wagner.—If possible treat them as members of my family and expect them to do accordingly.

John Thrall.—Of recent years have worked in field ten hours and done chores outside of this time.

A. J. Pottorf.—I work with hired man and can judge when he has done

a day's work, treat him like a white man, pay him good wages and that promptly.

A. M. Reichenberger.—I pay good wages, treat them kindly, and have no trouble with them.

E. L. Cottrell.—I treat them as I would have an employer treat me, and turn them off as soon as I can get along without them if they do not appreciate my treatment of them; otherwise keep them as long as they will stay.

E. M. Hall.—"Feed them well and work them well."

J. P. Wood.—I usually treat them as one of us.

C. J. Reid.—If a single man, I take him into the family and make his stay as comfortable as possible and expect him to do the heavier part of the work; pay him by the month. If married man, pay him by the day, and he boards at home.

J. B. Harman.—I treat them as you would like to be treated under like circumstances, and if they abuse my confidence, discharge them as soon as I can do better.

P. K. Symns.—I pay well, expect careful, thorough work for reasonable time, and make him feel at home.

A. L. Noyes.—At present time I have a contract with a man for a year. He is to give me practically all of his time, I furnish him house and garden-spot. He boards himself. I oversee the work personally whenever I can. To supplement my regular work I sometimes hire boys by the day or month.

W. A. Coe.—I have not hired much help yet.

W. R. Correll.—I treat him as near like one of the family as he will permit. Require ten hours work and no more with team. Keep the same team, harness and man together the summer through as near as I can; each man has charge of his own team. I use riding tools when possible. Have never had definite time to pay help except on contract jobs; pay when demanded.

9. What is your method of handling and caring for farm machinery?

Ans.—Fourteen said they had sheds.

E. L. Cottrell.—I have no method up to date, but try to keep everything repaired before time to use it. I have my blacksmithing done in winter time, when the blacksmith is not busy; get better work done and think I get it done cheaper.

C. W. Taylor.—I always get implements repaired as soon as through using them, oil well and put in shed.

J. A. Showalter.—I keep sheltered if possible, but more important than that, "know the machine" and repair in winter; never attempt to use a machine not in shape or on the point of breaking down.

Unsigned.—I aim to put machinery in shelter when through using (repairing if necessary, before putting away).


J. P. Wood.—When not in use I like wooden parts in sheds and keep the mold-boards of my plows greased with a mixture of some kind of paint and machine oil, so that they will not rust.

C. W. Shull.—Generally speaking, I will say that our dry climate does not appreciably deteriorate machinery

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Davis, on McDonald's Lad; second to C. D. Hooker & Son, on Blackbird Benton; third to W. A. McHenry, on Choice Goods; fourth to Geo. Kitchen, Jr., on Louis of Meadow Brook; fifth to C. J. Martin, on Rosegay Lad; sixth to A. C. Binnie, on Postscript of Alta; seventh to Louis Allaud, on Newton King.

Junior yearling bulls—First to M. P. & S. E. Lantz, on Captain King; second to Parrish & Miller, on Queen's Gay Lad; third to J. B. Withers, on Bluegrass Ridge King; fourth to W. B. Seeley, on Barondale.

Senior bull calf—First to McLachlan Bros. & Johnson, Estill, Mo., on Lord Roberts 2d; second to Louis Allaud, on Newton King Dodo; third to A. C. Binnie, on Questor Lad; fourth to J. B. Withers, on Bluegrass Ridge Ajax; fifth to Philip C. McDonald, on McDonald's Lad 2d; sixth to Chas. E. Sutton, Russell, Kans., on Rutger Mikado; seventh to Wm. Avery, on Duke of High Lawn; eighth to W. B. Seeley on Royaldale.

Junior bull calf—First to W. A. McHenry, on Star of Denison; second to Davis Bros., on Blackbird Mayor; third to McLachlan Bros. & Johnson, on Sweetheart's Pride; fourth to Parrish & Miller, Hudson, Kans., on Albert's Ito; fifth to Philip C. McDonald, on Duke of Hillhurst; sixth to T. J. McCreary, Highland, Kans., on Black Knight of Highland; seventh to C. J. Martin, on Boyar Ito; eighth to J. B. Withers, on Blue Grass Ridge Down.

Cow, 3 years old or over—First to C. J. Martin, on Blackbird 26th; second to E. T. Davis, on Blackbird Favorite 2d; third to C. J. Martin, on Blackbird 24th; fourth to W. A. McHenry, on Blackbird McHenry 13th; fifth to W. J. Miller, on Snowflake 2d, of Kirkridge; sixth to same on Gay Rose Princess; seventh to H. P. & S. E. Lantz, on Pride of Willow Lawn; eighth to Wm. Avery, on Lucy, of Glendale.

Cow, 2 years old and under 3—First to E. T. Davis, on Glenfold Rose; second to W. A. McHenry, on Abbess McHenry 5th; third to C. J. Martin, on Blackcap 22d; fourth to Parrish & Miller, on Rutger Mina 2d; fifth to M. P. & S. E. Lantz, on Zara 26th; sixth to T. J. Hilver, on Metz Wanda 3d; seventh to J. B. Withers, on Blue Grass Ridge Helen; eighth to W. Avery, on Blackbird Soc.

Senior yearling heifer—First to A. C. Binnie, on Eileen Lass; second to W. A. McHenry, on Barbara McHenry 18th; third to Parker Parrish & Miller, on Sunflower Fairy; fourth to Wm. Avery, on Driftwood Rose; fifth to J. B. Withers, on Grapewood Odessa; sixth to C. J. Martin, on Blackbird 30th; seventh to E. T. Davis, on Prizetta; eighth to M. E. & S. F. Lantz, on Hester Bloom 2d.

Junior yearling heifer—First to E. T. Davis, on Marguerite D.; second to A. C. Binnie, on Mina of Alta 5th; third to E. T. Davis, on Augusta Pet; fourth to W. A. McHenry, on Queen McHenry 48th; fifth to M. P. & S. E. Lantz, on Blackcap Beauty 3d; sixth to Parrish & Miller, on Sunflower Happy 4th; seventh to C. J. Martin, on Maggie Martin; eighth to Geo. Kitchen, Jr., on Grapewood Clatho.

Senior heifer calf—First to E. T. Davis, on Paona; second to W. A. McHenry, on Abbess McHenry 6th; third to Geo. Kitchen, Jr., on Jewel of Alta 2d; fourth to W. A. McHenry, on Pride McHenry 45th; fifth to E. T. Davis, on Queen of Cherokee 10th; sixth to Geo. Kitchen, Jr., on Beulah Brown; seventh to A. C. Binnie, on Blackbird Lassie of Alta; eighth to C. J. Martin, on Beauty Ito.

Junior heifer calf—First to C. J. Martin, on Blackbird 35th; second to Parrish & Miller, on Sunflower Happy Ito; third to J. B. Withers, on Bluegrass Ridge Dora; fourth to same, on Bluegrass Ridge Dicie; fifth to Davis Bros., Maryville, Mo., on Elite Lady; sixth to William Avery, on Rosette of High Lawn; seventh to J. B. Withers, on Bluegrass Ridge Dorcas; eighth to Parrish & Miller, on Sunflower Grace Ito.

Senior sweepstakes bull, 2 years old or over—To C. J. Martin, on Prince Ito 2d.

Junior sweepstakes bull, under 2 years old—To McLaughlan Bros. & Johnson, on Lord Roberts 2d.

Senior sweepstakes cow or heifer, 2 years old or over—To E. T. Davis, Iowa City, Ia., on Glenfold Rose.

Junior sweepstakes heifer, under 2 years old—To A. C. Binnie, Alta, Ia., on Fleen Lass.

Grand sweepstakes, best bull, any age—To C. J. Martin, Churdan, Ia., on Prince Ito 2d.

Grand sweepstakes, best cow, any age—To E. T. Davis, Iowa City, Ia., on Glenfold Rose.

Four animals, get of one sire—First to C. J. Martin, on get of Black Monarch of Emerson; second to A. C. Binnie, on get of Heather Lad of Emerson 2d; third to W. A. McHenry, on get of 10th Laird of Estill; fourth to Parrish & Miller, on get of Hale Lad.

Two animals, produce of one cow—First to M. P. & S. E. Lantz, on produce of Springfield Zara; second to E. T. Davis, on produce of Dandy of Langshott; third to C. J. Martin, on produce of Blackbird; fourth to W. A. McHenry, on produce of Abbess McHenry 2d.

Aged herd—First to E. T. Davis, Iowa City, Ia.; second to C. J. Martin, Churdan, Ia.; third to W. A. McHenry, Denison, Ia.; fourth to M. P. & S. E. Lantz, Carlock, Ill.

Young herd—First to A. C. Binnie, Alta, Ia.; second to E. T. Davis, Iowa City, Ia.; third to W. A. McHenry, Denison, Ia.; fourth to C. J. Martin, Churdan, Ia.

Calf herd—First to W. A. McHenry, Denison, Ia.; second to A. C. Binnie, Alta, Ia.; third to Parker Parrish & Miller, Hudson, Kans.; fourth to J. B. Withers, Missouri City, Mo.

Galloways.

Judge—L. M. Forbes, Henry, Ill.

Aged bulls—First to G. W. Lindsey, Red Cloud, Neb.; second to Pat Ryan of Red Cloud; third to C. F. Clarke, St. Cloud, Minn.; on Imp. Worthy 3d; third to W. M. Brown, Carrollton, Mo., on Chief Second of Stepford; fourth to J. E. Bales & Sons, Stockport, Ia., on Bobs; fifth to S. M. Croft & Sons, Bluff City, Kans., on Twilight of Castlemilk; sixth to Brookside Farm Company, Fort Wayne, Ind., on Scottish Chief Third of Castlemilk.

Bull, 2 years old and under 3—First

to G. W. Lindsey, Red Cloud, Neb., on Saint L. of Red Cloud; second to W. M. Brown & Son, Carrollton, Mo., on Fortune Still; third to F. P. Wild, Cowgill, Mo., on Bob C. of Wildwood; fourth to Michigan Premium Stock Company, Davisburg, Mich., on Johnnie Seal.

Bulls, 1 year old and under 2—First to C. F. Clarke, St. Cloud, Minn., on Moss Trooper; second to C. F. Clarke, on Young McKay; third to J. F. Bales & Son, Stockport, Ia., on Cauty Lad; fourth to S. M. Croft & Sons, Bluff City, Kans., on Randolph Chief; fifth to C. E. Clark, on Young Worthy; sixth to Brookside Farm Company, Fort Wayne, Ind., on Standard Royal.

Bulls, under 1 year—First to Brookside Farm Company, on Standard Favorite; second to J. E. Bales & Son, on Royal McDougall; third to C. E. Clarke, on Black Knight; fourth to F. P. Wild, on Jack of Wildwood; fifth to S. M. Croft & Son, on Buster Brown; sixth to Brookside Farm Company, on Camp F. of Brookside.

Aged cows—First to W. M. Brown & Son, on Evaline 2d of Avondale; second to C. E. Clarke, on Favorite 16th of Lachenkit; third to same, on Carmen of Meadow Lawn; fourth to Brookside Farm Company, on Lady Hardin; fifth to S. M. Croft & Sons, on Black Princess of Glenair; sixth to G. W. Lindsey, on Bass's Queen Dido.

Cow or heifer, 2 years old and under 3—First to C. E. Clarke, on Lady Hardin of Meadow; second to W. M. Brown & Son, on Miss McDougall; third to Brookside Farm Company, on Scottish Empress; fourth to W. M. Brown & Son, on Grace of Wildwood; fifth to J. E. Bales & Son, on Graceful A.; sixth to S. M. Croft & Sons, on Lady Hutchinson.

Senior yearling heifer—First to Brookside Farm Company, on Scottish Rosalind A.; second to C. E. Clarke, on Lady May 2d; third to W. M. Brown & Son, on St. Louis To See; fourth to S. M. Croft & Sons, on Randolph Pride; fifth to G. W. Lindsey, on Fidella of C. H.

Junior yearling heifer—First to Brookside Farm Company, on Betty Miller 4th; second to Michigan Premium Stock Co., on Michigan's Lassie; third to W. M. Brown & Son, on Follow Moody; fourth on S. M. Croft & Sons, on Randolph Maid; fifth to J. E. Bales & Son, on Annie Davids 5th; sixth to same on Thelma of Stockport.

Senior heifer calves—First to C. E. Clarke, on Cora of Meadow Lawn; second to Brookside Farm Company, on Rosalind Belle; third to W. M. Brown & Son, on Eglantine; fourth to same, on Miss Portland; fifth to J. E. Bales & Son, on Princess McDougall; sixth to S. M. Croft & Sons, on Blackie of Greenbush.

Junior heifer calf—First to C. E. Clarke, on Sadie of Meadow Lawn; second to S. M. Croft & Sons, on Midget of Greenbush; third to F. P. Wild, on Nellie 2d of Wildwood; fourth to J. E. Bales & Son, on Hawkeye Lady; fifth to Brookside Farm Company, on Scottish Lucy; sixth to F. P. Wild, on Lucy of Wildwood.

Senior champion bull—To G. W. Lindsey, on Pat Ryan, of Red Cloud.

Junior champion bull—To Brookside Farm Company, on Standard Favorite.

Grand champion bull—To G. W. Lindsey, on Pat Ryan of Red Cloud.

Senior champion female—To W. M. Brown & Son, on Evaline 2d of Avondale.

Junior champion female—To C. E. Clarke, on Cora of Meadow Lawn. Reserve champion to C. E. Clarke on Sadie of Meadow Lawn.

Grand champion female—To W. M. Brown & Son, on Evaline 2d of Avondale.

Aged herd—First to C. E. Clarke; second to W. M. Brown & Son; third to Brookside Farm Company; fourth to S. M. Croft & Sons; sixth to G. W. Lindsey.

Breeders' young herd—First to C. E. Clarke; second to Brookside Farm Company; third to S. M. Croft & Sons; fourth to J. E. Bales & Son.

Get of sire, 4 animals—First to C. E. Clarke; second to Brookside Farm Company; third to S. M. Croft & Sons; fourth to Brookside Farm Company; fifth to F. P. Wild.

Produce of one cow, 2 animals, either sex—First to Brookside Farm Company; second to C. E. Clarke; third to Brookside Farm Company; fourth to C. E. Clarke; fifth to W. M. Brown & Son.

Special.

Jaccard's Jewelry Co.'s special, a silver teaset valued at \$50, offered for best 10 head of Galloways, bred by exhibitor—To Brookside Farm Company, Ft. Wayne, Ind.

FAT CATTLE AWARDS.

Pure-Bred Shorthorns.

Steer or heifer, 2 years old and under 3—First to H. C. Duncan, Osborn Mo., on Wiley Dun; second to William Smiley, Malcom, Ia., on General Togo.

Steer or heifer, 1 year old and under 2—First to Kansas Agricultural College, on Tim; second to William Smiley, on Rex; third to Creswell & Carpenter, on Roan Victor.

Steer or heifer, under 1 year—First to J. G. Robbins & Son, on Sleepy Lad; second to Tebo Land & Cattle Company, on Buster Brown; third to Kansas Agricultural College, on Lord Hanna.

Best pure-bred steer or heifer, any age—To J. G. Robbins & Sons, on Sleepy Lad, a calf.

Best three steers or heifers—To William Smiley, Malcom, Ia.

Grade Shorthorns.

Steer or heifer, 2 years old and under 3—To William Smiley, on Trix; no competition.

Steer or heifer, 1 year old and under 2—To William Smiley, on Arclight, no competition.

Steer or heifer, under 1 year—To William Smiley, on Fred.

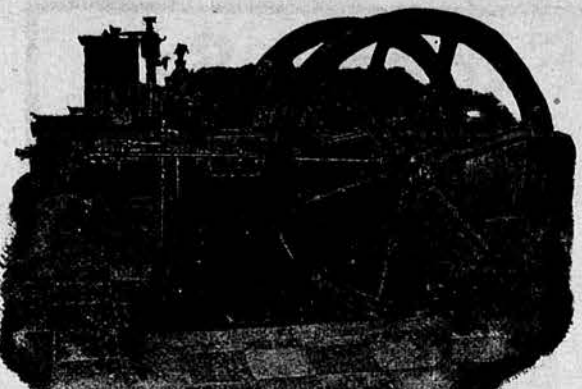
Best steer or heifer—To William Smiley, on Arclight.

Best herd of three grade steers or heifers—To William Smiley.

Bred-Bred Herefords.

Steer or heifer, 2 years old and under 3—First to Cargill & MacMillan, on Burnside; second to C. A. Stannard, on Lydos.

Steer or heifer, 1 year old and un-



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and
Well Made**

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THE "PERFECTION"

Cleaner, Separator and
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You Can Sow

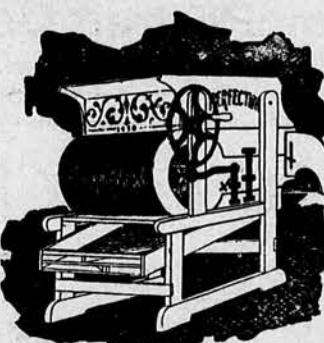
20%

Less of Seed

And Can Reap

20%


More of Grain



The "PERFECTION" is not an ordinary machine; but is more of an improvement over the ordinary Fanning Mill than the Cream Separator is over the old time Skimmer. The prosperous farmer plants only the best of seed or grain. Why not belong to that class and plant only the first grade of seed, saving the foul, undeveloped and cracked grains to feed your hogs and chickens? The "Perfection" is the only machine that will absolutely leave wheat free from all rye, cheat, oats, etc., clover, alfalfa and millet free from all buckhorn and plantain, and the only machine on the market that will make THREE GRADES of the cleaned grain. We guarantee every machine to clean, separate and grade any and all kind of seed and grain with the greatest accuracy and if a "Perfection" which you purchase from us will not clean, separate and grade seed more to perfection than you could even suppose possible and your entire satisfaction it can be returned to us without one penny of cost to you. Every machine is made from the very best of material and we therefore can sell them on time if time is desired; because we know that they will stand every test. Drop us a line stating what kind of grain you raise and we shall be glad to send sample of same kind of grain, showing THE WAY A "PERFECTION" DOES ITS WORK. Also to quote prices and to furnish other valuable information regarding the "Perfection." Don't miss the opportunity of making 20 per cent more out of your crop, but write us at once. It has paid others many times over. It will pay you.

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The Only Machine Made That Will Successfully Head and Elevate Kaffir Corn
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BLACKLEGGOIDS

THE SIMPLEST, SAFEST, SUREST AND QUICKEST
WAY TO VACCINATE CATTLE AGAINST BLACKLEG.

**No dose to measure. No liquid to spill.
No string to rot.** Just a little pill to be placed
under the skin by a single thrust of the instrument.

TO STOCKMEN — An Injector free with 100 vaccinations.
For Sale by All Druggists. Literature Free—Write for it.

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BRANCHES: New York, Chicago, St. Louis, Boston, Baltimore, New
Orleans, Kansas City, Indianapolis, Minneapolis, Memphis, U. S. A.;
Walkerville, Ont.; Montreal, Que.



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Is the Best Remedy on Earth.
Kills a Spavin Curb or Splint.
Very Penetrating. Kills Pain.

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A beautiful high-grade Crayon Portrait (size 16x20 inches) of any picture you may send us will be made you for \$3.75. We will give you a handsome oak and gold frame, five and one-half inches wide and complete with glass and back with each portrait ordered. An agent would charge you from \$15 to \$25 for the same grade of work. Send us a tin-type or photograph and we guarantee you a portrait that in quality of work and life-like expression will please you. Address and make all orders payable to

American Portrait Company,
St. Joseph, Missouri.

Combination Sale of Fancy Poland-Chinas

At Farm, 5 1/2 Miles Southeast of Madison, Kans., Nov. 1, 1905.

58---HEAD HIGH-CLASS POLAND-CHINAS---58

24 FALL AND SPRING BOARS—9 sired by ON AND ON (J. R. Young's \$2,500 Illinois State Fair Sweepstakes Boar); 2 by PREDOMINATOR (Missouri Sweepstakes Boar and sire of Nonpareil); 6 by MR. KEEP ON (son of the great Keep On 61015); 7 by Truant Boy, Corrector, Diamond Dust, and Corrected.

SPECIAL ATTRACTIONS—2 extra daughters of ON AND ON out of Goldie Perfection (\$200 daughter of Chief Perfection 2d); 2 sows by C. P. 2d with litters at foot by ON AND ON; 1 P. I. K. sow (half-sister to Lady Louise), bred to Grand Perfection.

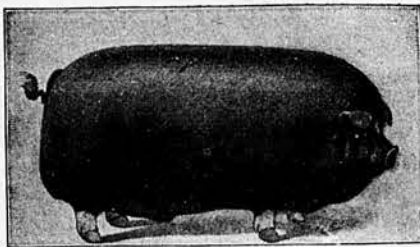
29 SOWS AND SPRING GILTS—10 bred to U. C. Perfection (first in class at Ottawa and Topeka, 1903, and sire of leading prize-winners at same fairs in 1904 and 1905); 3 sows with litters by U. C. Perfection; 16 (including 2 first and 2 second prize winners), sired by above-mentioned boars. Sale under cover. Write for catalogue mentioning Farmer.

Auctioneers: Cols. Burger, Fisher, Freeman, Wood. Ed. Michlin, Clerk.
Consignors: W. J. Honeyman, Ed. Melburn, A. J. Reed, F. Pees.

W. J. Honeyman, Manager, Madison, Kans.

Poland-China Dispersion Sale

Of the Model Farm Herd of Poland-China Hogs Owned by J. F. Laing, McLouth, Jefferson County, Kans., at McLouth, November 6, 1905.



This offering will include as good breeding as will be found in any herd of Poland-Chinas, and will include the grand herd boar, Black Perfection's Son 93491. He is a great show animal and a great breeder. He was sired by the \$2,500 Missouri Black Perfection and out of a Chief Perfection dam.

The offering also includes a number of fine sows with litters at side and a lot of fall boars

that are extra good individuals. The spring pigs are extra good ones and are nicely coated, have good bone and are smooth and growthy. The sale will be held at livery barn in McLouth. Parties from a distance will be entertained at either hotel at my expense. For further particulars, list of auctioneers, etc., write to

J. F. LAING, Route 2, - - McLouth, Kansas.

der 2—First to Cargill & MacMillan, on Puritan 2d; second to C. A. Stannard, on Snowball; third to Steward & Hutchison, Bolckow, Mo., on Mack.
Steer or heifer, under 1 year—First to Cargill & MacMillan, on Fair Lad 1st; second to Dr. J. E. Logan, on Billie; third to C. A. Stannard, on Lord Saxon 14th.
Best pure-bred steer or heifer, any age—To Cargill & MacMillan, on Fair Lad 1st, a yearling.
Jaccard Jewelry Company special for best pure-bred steer or heifer, any age—To Cargill & MacMillan, on Fair Lad 1st.

Grade Herefords.

Steer or heifer, 2 years old and under 3—First to Kansas Agricultural College, on Sunflower Lad; second to C. V. Hull, on Orphan Boy; third to same, on Edgar.
Steer or heifer, 1 year old and under 2—First to C. A. Baker, Leeton, Mo., on Tip Top; second to same, on Jerry; third to George M. Slaughter, Roswell, N. M., on Pecos Valley Peach.
Steer or heifer, under 1 year old—First to C. A. Stannard, on Billy; second to C. A. Baker, on Starlight; third to same, on Prettyface.
Best grade steer or heifer, any age—To Kansas Agricultural College, on Sunflower Lad.

Pure-Bred Aberdeen-Angus.

Steer or heifer, 2 years old and under 3—First to M. P. & S. E. Lantz, on Heather Beau; second to A. C. Binnie, on Driftwood; third to W. J. Miller, on Wellington of Home Dale; fourth to J. H. Rea & Son, on Kirk.
Steer or heifer, 1 year old and under 2—First to A. C. Binnie, on Cock Robin; second to W. J. Miller, on Sunflower Advance; third to M. P. & S. E. Lantz, on Syberian; fourth to T. J. McCreary, Highland, Kans., on King McCreary.
Steer or heifer, under 1 year—First to M. P. & S. E. Lantz, on Syberian 2d; second to W. J. Miller, on Metz Prince; third to C. D. Hooker & Son, on South Oaks Chance; fourth to A. C. Binnie, on Glenfield Lad.
Sweepstakes, steer or heifer, any age—To M. P. & S. E. Lantz, on Heather Beau (Plunkit).
Jaccard Jewelry Company, special for best pure-bred steer—To M. P. & S. E. Lantz, on Heather Beau.

Grade Aberdeen-Angus.

Steer or heifer, 2 years old and under 3—First to W. J. Miller, on Hero; second to same, on Wild Tom; third to W. B. Seeley, on Black Beauty 5th.
Steer or heifer, 1 year old and under 2—First to W. J. Miller, on Jimmie; second to same, on Jarg; third to Kansas Agricultural College, on Kansas Laddie; fourth to W. C. White, Carrollton, Mo., on Alex.
Steer or heifer, under 1 year old—First to W. J. Miller, on Victor 2d; second to same, on Jack.
Best grade steer or heifer, any age—To W. J. Miller, on Hero.

CAR LOTS.

Herefords—Fat Stock.

First to Fowler & Todd, Maplehill, Kans.; second to C. V. Hull, Platte City, Mo.; third to Fowler & Todd; sweepstakes to Fowler & Todd. This award carries with it the \$25 special prize.

Herefords—Feeding Stock.

Carload of steers and heifers, 2 years old and under 3—First to Stanton Breeding Farm, Madison, Neb.; second to the Tolland Company, Glen Rock, Wyo.; third to Stanton Breeding Farm; special prize of \$10 to Stanton Breeding Farm.
Carload of steers, 1 year old and under 2—First to the Tolland Company; second to Stanton Breeding Farm; third to F. L. Davidson, Amarillo, Tex.; special prize of \$10 to the Tolland Company.
Carload of steers, under 1 year old—First to R. T. Bishop, Tulsa, Tex.; second to George M. Slaughter, Bovina, Tex.; third to R. T. Bishop.
Best carload of feeders, any age—R. T. Bishop, on calves. This award carries with it special prize of \$25 and the Cady & Olmstead trophy valued at \$50.

Shorthorns—Fat Stock.

One load entered. First prize, only, awarded to P. Maloney & Sons, Skiddy, Kans.
Shorthorns—Feeding Stock.
Carload of steers, 2 years old and under 3—First to J. Belmer, Placeville, Colo.; second to Stanton Breeding Farm; third to J. W. Boot, Denver, Colo.; special prize of \$10 to J. Belmer.
Carload of steers, 1 year old and under 2—First to Continental Land & Cattle Company, Estelline, Tex. No competition.
Carload of steers or heifers, under 1 year—First to Continental Land & Cattle Company. No competition.
Sweepstakes to Continental Land & Cattle Company on yearlings. This award carries with it the special prize of \$25 and the Cady & Olmstead trophy valued at \$50.

Aberdeen-Angus—Fat Stock.

First and second to W. C. White, Carrollton, Mo.; third to Baker & Jones, Leeton, Mo.; special prize of \$25 to W. C. White.

Aberdeen-Angus—Feeding Stock.

Carload steers, 2 years old and under 3—First to G. B. Allen, Meade, Kans.; second to W. B. Warner, Spearville, Kans.; third to J. B. Breakey, Spearville, Kans.; special prize of \$10 to G. B. Allen.
Carload steers, 1 year old and under 2—First to Charles E. Sutton, Russell, Kans.; second to G. B. Allen; third to Lucore Bros., Arriba, Colo.
Carload steers, under 1 year—First to Thomas O'Toole, Banner, Kans.; second and third to W. D. Reynolds, Pattonsburg, Mo.
Sweepstakes—To Thomas O'Toole, on calves. This award carries with it the special prize of \$25, and the Cady & Olmstead trophy valued at \$50.
Judges of carlots were as follows: Herefords, Thomas Clark, Beecher, Ill.; Shorthorns, fat stock, A. J. Maurer, head cattle buyer for the Fowler Packing Co.; feeders, John N. Payne, Kansas City; Angus, Charles Hill, head cattle buyer for the Schwarzschild & Sulz-

Horse Owner's Use GOMBAULT'S Caustic Balsam

A Safe, Speedy, and Positive Cure
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blemishes from Horses and Cattle. SUPERSEDES ALL CAUSTIC OILS. Impossible to produce a sore or bleed. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.
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Know it by the lump and the limp—a hard, bony growth on the inner side of the hock joint, usually low down and a little forward of the center of the leg—a quick hitch with the sound leg, and a stiff movement of the lame leg, bearing the weight on the toe, most noticeable in starting.
New cases, old and bad cases, the very worst cases, cases where firing has failed, are cured by

Fleming's Spavin and Ringbone Paste
Guaranteed to cure the lameness for good—may or may not take off the lump. Easily used by anybody, and a single 45-minute application usually does the work—occasionally two required. Write for Free Horse Book before ordering. It gives all the particulars, and tells you what to do for other kinds of blemishes.
FLEMING BROS., Chemists,
212 Union Stock Yards, Chicago, Ill.

FREE DIP For Hogs, Sheep, Cattle

Send us your name and address and we will send you a sample of **DIPOLENE—The One Minute Stook Dip** free—enough to convince you that it is the cheapest and best dip made. Send today. Marshall Oil Co., Box 14, Marshalltown, Ia.

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It is Unprofitable to Feed Uncomfortable Stock

Karsolene is sure death to lice, ticks, mite and small vermin of every kind. Will not irritate or burn the most tender skin. Leaves the hair in glossy, silky condition. Invaluable as disinfectant for stables, hog and hen houses. **Sold under positive guarantee.** Money back if not as represented. Write us for booklet.

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will elevate both small grain and ear corn. For prices and circulars, address

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MACHINE OIL \$3.50 A BARREL

You will find it a better machine oil than anything you have been buying for 35 cents to 45 cents per gallon. Premium Oil is a natural oil, greenish black in color. There is no made oil that is superior to Premium Oil for engines, shafting, shops, elevators, thrashing machines and farm machinery. It will not GUM, has good body, is not affected by hot and cold weather as most oils are. If a farmer, you say you won't need as much as a barrel. Get your neighbor to take half of it. But remember \$3.50 for a 50-gallon barrel, and the empty barrel is worth at least one dollar; gives you oil at less than 6 cents per gallon at your railroad station. If within 300 miles in Kansas freight will not be over 75 cents per barrel. Sample sent on request.

T. C. DAVIS, Benedict, Kans.

Benedict, Kans., August 26, 1905.
I have this day sold my interest in K. C. Dailey & Co. to T. C. Davis, who will hereafter conduct the business in his name. Signed, K. C. DAILEY.

Why Should People Use MEXICAN TALCUM POWDER?
Because it is antiseptic.
Because it is absolutely pure.
Because it gives better results.
Try it on your baby.
Put it in your stocking if you have tender feet.
Try it after shaving.
Try it after bathing.
Try it and compare it with any Talcum on the market.
If you are from Missouri we will show you. [ket.
Write for a sample.

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It Means What It Says



DR. HESS STOCK FOOD

We guarantee that Dr. Hess Stock Food fed to Horses, Cattle, Hogs and Sheep will increase the powers of digestion so that a larger percentage of the nutrition in the food will be digested and converted into profit; also that it will cure and prevent stock disease.

We guarantee Dr. Hess Stock Food to cost less than a penny a day for an average hog.

We guarantee that one tablespoonful (1-24 of one pound) per day for an average hog will and that it will require but one tablespoonful of additional live weight per average hog will.

We guarantee that three pounds of additional live weight per average hog will cost of feeding Dr. Hess Stock Food one month.

We guarantee one pound of additional live weight per average hog will cost of feeding Dr. Hess Stock Food one month.

We guarantee to refund every cent paid us if Dr. Hess Stock Food does not pay for itself many times over besides curing and preventing diseases, and authorize every dealer in our preparations to do likewise.

Remember this farm paper is back of our guarantee.

DR. HESS STOCK FOOD is always sold under a positive written guarantee. If it does not do all we say it will, your money will be refunded. This guarantee is not a "grandstand play." It is not put out with the belief that anyone who is disappointed would rather say nothing than ask for their money back. If anyone is not satisfied with the results obtained by feeding Dr. Hess Stock Food, we ask and expect that they will get their money returned. We issue our guarantee to show that we, who know Dr. Hess Stock Food better than anyone else, believe thoroughly and sincerely in its efficiency.

DR. HESS STOCK FOOD was formulated by Dr. Hess (M.D., D.V.S.), who is a physician, a veterinary surgeon and a stock feeder of long experience. The prescription was used by him in his private practice with great success before the food was placed upon the market. Hence our faith in this preparation is based, not upon theory, but experience. It is not a condimental food, but a scientific stock tonic and laxative, that enables the system of the animal to convert a larger portion of the nutrition of the food into solid flesh and fat. It shortens the feeding period of any animal 30 to 60 days. It also relieves the minor stock ailments. Feed your hogs Dr. Hess Stock Food regularly as directed, disinfect the pens, bedding and feeding places once a week with **Instant Louse Killer**, and if you have any loss from disease, this positive written guarantee says that your money will be refunded.

5¢ per lb. in 100 lb. sacks; 25 pound pail \$1.60. Except in Canada and extreme West and South.

A tablespoonful per day for the average hog. Less than a penny a day for horse, cow or steer. If your dealer cannot supply you, we will.

Remember that from the 1st to the 10th of each month, Dr. Hess will furnish veterinary advice and prescriptions free if you will mention this paper, state what stock you have, also what stock food you have fed, and enclose two cents for reply. In every package of Dr. Hess Stock Food there is a little yellow card that entitles you to this free service at any time.

Dr. Hess Stock Book Free, if you will mention this paper, state how much stock you have and what kind of stock food you have used.

DR. HESS & CLARK, Ashland, Ohio.

Also manufacturers of Dr. Hess Poultry Pan-a-c-e-a and Instant Louse Killer.

Instant Louse Killer Kills Lice

Best imported stallion—To Avery & Son, on Bosquet.
 Best imported mare—To Robison & Son, on Candeur.
 Best pair registered mares in harness—First to Avery & Son, on Mina and Lena; second to Robison & Son, on Lucrece and Adelaide.

Draft Horses in Harness.

Single mare or gelding, weighing over 1,750 pounds—First to Pabst Brewing Co., on George; second to Swift & Co., on Cy; third and fourth to A. G. Soderberg, Osco, Ills., on Osco Gorey and Osco Queen.
 Pair of horses, weighing 3,000 to 3,500 pounds, hitched to wagon—First to Pabst Brewing Co.; second to Swift & Co.; third to A. G. Soderberg.
 Four-horse team to wagon, wheelers weighing 3,000 to 3,500 pounds—First to Pabst & Co.; second to Swift & Co.
 Six-horse team to wagon, wheelers weighing not less than 3,800 pounds, and leaders not less than 3,500 pounds—First to Pabst & Co.; second to Swift & Co.; third to A. G. Soderberg.
 Draft horses, weighing over 3,500 pounds to wagon—First to Pabst & Co.; second to Swift & Co.; third to A. G. Soderberg.
 Four-horse team to wagon, wheelers weighing over 3,500 pounds—First to Pabst Brewing Co.; second to Swift & Co.

German Coach.

Stallion, 4 years old and over—First to Crouch & Son, on Hannibal; second to same, on Euto; third to same, on Helois.
 Stallion, 3 years old and under 4—First to Crouch & Son, on Mohn; second to same, on Argus; third to same, on Balkan.
 Stallion, 2 years old and under 3—First to J. Crouch & Son, on Bergtex; second to same, on Monigstein.
 Champion stallion, any age—To J. Crouch & Son, on Hannibal.
 Champion mare—To Crouch & Son.

French Coach.

Stallion, 4 years old and over—To McLaughlin Bros., on Apropos.
 Stallion, 3 years old and under 4—First to McLaughlin Bros., Kansas City, Mo., on Craserville; second to same, on Chauvin; third to same, on Cynamorphe.
 Stallion, 2 years old and under 3—To McLaughlin Bros., on Dourak.
 Four animals, get of one sire—To McLaughlin Bros., on get of Norodum.
 (Continued on page 1091.)

berger Company; Galloways, J. P. Wilkin and John Lorimer, local stockmen.

Galloways—Feeding Stock.

Two years old—First to J. B. Wheat, Allen, Kans.; second to C. H. Jackson, Jetmore, Kans. Prizes, \$75, \$50.
 One year old and under 2—First to J. F. Meserve, Smoky Hill, Kans.; second to T. C. Rush, Ness City, Kans.; third to C. H. Jackson, Jetmore, Kans. Prizes, \$75, \$50 and \$25.
 Carload under 1 year old—First to Hill & Manson, Halstead, Kans.; second to J. T. Tinkler, Gypsum, Kans.; third to J. B. Wheat, Allen, Kans. Prizes, \$75, \$50 and \$25.
 Champion Carload Feeders, Any Age. J. F. Meserve, Smoky Hill, Kans., carload yearling steers; prize \$100.

HORSE AWARDS.

Percherons.

Judges of horses—Prof. C. F. Curtiss, dean of the Iowa State Agricultural College, Ames, Ia.; Prof. W. J. Kennedy, head of the animal husbandry department of the same college; and R. B. Ogilvie, of Chicago.
 Stallion, 4 years old and over—First to McLaughlin Bros., on Democles; second to Robison & Son, on Iena; third to Avery & Son, on Bosquet.
 Stallion, 3 years old and under 4—First to McLaughlin Bros., on Bosenborg; second to same on Fusian; third to J. Crouch & Son on Duc; fourth to same on Lamplon.
 Stallion, 2 years old and under 3—First to McLaughlin Bros., on Doyen; second to same on Diogene; third to same on Creatore; fourth to H. A.

Briggs, on Samedi. This award carried also the specials of the Percheron Registry Company.

Stallion, 1 year old and under 2—First to McLaughlin Bros., on Van Dyck; second to J. W. & J. C. Robison, on Castillon.

Stallion, under 1 year—First to Robison & Son, on Castellaine; second to Avery & Son, on Aiglon; third to same on Fontana.

Best stallion bred by exhibitor—First to J. W. & J. C. Robison, on Casinana; second to Avery & Son, on Feniant.

Two animals, produce of one dam—First to McLaughlin Bros., on Mauvette; second to Robison & Son, on Debora; third to Avery & Son, horse unnamed.

Four animals, any age, get of one sire—First to McLaughlin Bros., on get of Paladin; second to Robison & Son on get of Casino; third to Avery & Son, on get of Illustre. Palladin's get also won the \$100 special prize offered by the Percheron Registry Company.

Best American bred stallion—To Robison & Son, on Iena.
 Best imported stallion—To Avery & Son, on Bosquet.

Champion stallion, any age—To McLaughlin Bros. This award carries with it the National Bank of Commerce special, a \$500 cup.

Champion group of 4 stallions—To McLaughlin Bros. Percheron Register Association special to same.

Mare, 4 years old and over—First to J. W. & J. C. Robison, on Lucrece; second to J. W. & J. C. Robison, on Frivole; third to Avery & Son, on Infanta; fourth to J. W. Robison, on Adelaide.
 Mare, 3 years old and under 4—First

to Avery & Son, on Lena; second to Avery & Son, on Mina; third to Adam Stamm, on Gladys; fourth to Avery & Son, on Altestis.

Mare, 2 years old and under 3—First to J. W. & J. C. Robison, on Iona; second on same, on Casinette; third to Avery & Son, on Ada; fourth to same on Belinda Bell.

Mare, 1 year old and under 2—First to Avery & Son, on Fanchon; second to Robison & Son, on Celestine.

Mare, under 1 year—First to Robison & Son, on Lady Alice; second to Avery & Son, on Almyra; third to same, on Florentine.

Champion mare—To Avery & Son, on Mina; Reserve to Robison & Son, on Ionia.

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Mare, 3 years old or over, bred by exhibitor—To Avery & Son, on Infanta.

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ELDORADO, KANS.

The Young Folks

CONDUCTED BY RUTH COWGILL.

What Whisky Does.

What whisky does,
And is and was,
And will be while men drink it,
Is theme so great
I can not state
It, no, nor even think it.

It scatters wealth,
It shatters health,
Its way is dark with ravage;
It kills the joys
Of girls and boys,
And makes men coarse and savage.

It genders fears
And bitter tears
In lives that should be smiling;
It taints the truth
In hearts of youth;
Its touch is e'er defiling.

It leads to blows
And kindred woes,
And every form of sinning;
It causes blight
To lives that might
Success instead be winning.

Oh! shun the drink,
And never think
'Tis safe, my lads and lasses;
A gruesome knell
With deadly spell,
Sounds in the tinkling glasses—

As fatal sound
As e'er was wound
By spirit diabolic.
Be warned in time
By this frail rhyme
To shun drink alcoholic.

—J. E. Everett.

A Fairy Palace in Spain.

CELESTE NELLIS.

(Continued from last week.)

He contrived to get into the garden, and while talking to his beloved wife and learning the causes which brought her there, he was seen and heard by people who were very jealous of Lindaraxa, and they immediately reported the matter to the Sultan, Boabdil; but arranged to get the idea into the Moorish mind that she had an Abencerage lover, who met her privately in the garden of the Generalife, every day. Of course, Boabdil was somewhat angry, but did not know which one of the Abencerages was the happy man; so he invited the whole congregation of them to a goose dinner which he gave in the Alhambra palace. After eating the good dinner, he invited out, separately, different ones of the Abencerages, on a pretense that he wished to speak privately about the coming senatorial election, or the Burton trial—or other matters, and leading them into the big hall, had them each separately and politely beheaded. You see, he was much like our grandparents, who punished the whole family in order to be sure to whip the "right one."

After he had laboriously procured the death of thirty-three of the gentlemen, a page was impolite enough to tell the rest of the folks, and they immediately had business elsewhere, and thus escaped a very unmerited punishment. But, sad to say, Lindaraxa's husband happened to be one of the first to meet the unhappy fate. The balance of the Abencerages joined the Christians and did much to assist Ferdinand and Isabella in conquering Boabdil, and to drive him from his throne.

In the meanwhile, Lindaraxa had to be corrected. She was charged with having been seen by, and had spoken to a man. That was surely a bad charge, and in her case meant death, unless four cavaliers would come and defend her honor, at the point of the sword, against four Moors. Then the Spanish sisters, to whom Lindaraxa had been kind, by the very next mail wrote to their uncle and told him all about it, and he sent four of his boys, all brave knights, and they came and killed the four Moors in first-class style, and thus freed Lindaraxa from a very bad indictment, which she, otherwise, would not have been able to quash.

Later on Antonio pointed out the house to which Lindaraxa fled, and in which she lived, until she died of old age—long after Boabdil had been dethroned.

Just across from the windows of the Mirador of Lindaraxa, were the rooms where Washington Irving lived and wrote his book about Spain; the

archives of the Alhambra are now kept there. Antonio showed us through those rooms and then took us to the apartments above the "Court of Lions," where the "Donna Antonia" and the pretty "Dolores" lived, and where Washington Irving used to sit beside the fireside and listen to the Alhambra legends. These rooms were once beautifully decorated, and had lovely windows, for the Sultan's many wives. It is dreadful to think that they were afterward used for kitchens, and were blackened by the smoke of the gypsies' fires.

The rooms Irving occupied led out into an open gallery, and from there we ascended to a little pavilion called the "Queen's Toilette." It was frescoed by Italian artists for Isabella, queen of Philip V. It seems out of place in the Alhambra, for it is a Pompeian room. In the time of the Moors it had been used as an oratory, for their evening prayers. The view from this point was exceedingly magnificent including the Generalife, with its gardens and white, sparkling towers—the golden river Darro, its banks lined with graceful poplars, the city, Granada, beneath, and the glimpse, far off, of the snow-clad Sierra Nevada Mountains.

On our return we passed a little court, around the windows of which, on one side, were high iron bars. On inquiring with regard to this, Antonio informed us that "Crazy Jane" was once confined in this suite of apartments. He further enlightened us as to the fact that the lady above mentioned was the unfortunate daughter of Ferdinand and Isabella, and that she had married a duke known as "Handsome Philip." Well, sad to relate, Handsome Philip "passed beyond;" and after his death she became a lunatic, and for many years carried Philip's coffin around with her wherever she went. Antonio suggested that this sorrowful case furnished ample reason for Spanish ladies, ever since, not to love their husbands, for fear that they, too, might become insane.

We descended into "The Baths," the most brilliantly decorated of any of the rooms in the Alhambra. First is the repose room, with a gallery above for the musicians to play while you go to sleep, and rest before bathing—or after bathing—I do not know—I forgot to ask. The very large marble bath-tub is said to have been the one which Sultan Boabdil used to patronize; then there was a smaller marble tub for the Sultana, and quite a small one for the royal children.

Antonio next led us through a long passageway, at the end of which was a large niche, with two steps; here, he said, was found the huge vase of gold, in the time of Charles V., supposed to have been hidden by some of Boabdil's folks, at the time they had to migrate hastily. In the chapel of Charles V., nearby, he showed us the two statues which are supposed to have been found in the passageway, both of which (when found) were looking at the exact spot where the gold was discovered. In one end of the chapel is a large niche most exquisitely decorated, where the Moors kept their best copy of the Koran.

Recrossing the "Court of Myrtles" we came out of this enchanted palace to the sunshine of the world to-day, to view the famous Alhambra towers. Near the picturesque red one, called "Los Picos," from the sharp points that surmount it, we entered the tiny mosque where Yusuf I, the chief founder of the Alhambra, was murdered, while he was at his prayers. The decorations and colors are so beautiful that the little room is considered by all travelers to be an exquisite gem. On the other side of "Los Picos" is Antonio's studio, where he still paints pretty, gold pictures, when not on duty as a guide. He has copied, most beautifully, many of the Moorish decorations, so that his room looks as though it might belong to the palace itself.

Just beyond "Los Picos" we visited the "Tower of the Captive," so called because a beautiful Christian maiden was kept a prisoner there; and Antonio said that rather than be put in the Sultan's parlor, she threw herself from the high windows, and her

knightly lover arriving, by slow train, was just too late to save her, and found her dead body on the rocks below. Sad, of course!

From the "Tower of the Captive" we crossed to the other hill to the Generalife—the summer palace of the Moors, with its beautifully terraced gardens. We sat in the shade of the cypress trees (said to be 1,100 years old), where Lindaraxa had her fateful interview with one of her husbands—the Abencerage. We climbed the highest tower to get the wonderful view of the Alhambra which, with its fortress, towers, and palace, so gloriously crowns the enchanted hill; the caves of which are said to be filled with horses and armed knights, under a magic spell, who are occasionally, on certain festal nights, freed until morning light, and go flying around the mountain till daybreak. This tower, Antonio said, was built for a prince who was kept here so that he might study and become very wise, and where he could see no fair ladies who might distract his mind. But the birds (or some one else) taught him the language of love; and with the assistance of a wise old owl, he made his escape, and sought the hand of a beautiful princess. In the new kingdom where he was stopping, temporarily, by magic he did some remarkable feat for the king, and in return for his services he asked for a certain sandal-wood box which the old king had in his trunk. The wise owl had told the prince that the box contained the "wishing ring" of Solomon. After getting the box, he opened it and taking out a small Brussels carpet, or something like that, he spread it out on the ground, and asked the beautiful princess to kneel with him on it, which she did, and he immediately "wished" that they might be transported to his own domains. Immediately they were carried on the ring, high up in the air, over to his native land, in less than sixteen minutes. Of course, according to the results of all Arabian Knights stories, they lived there happily ever and ever afterward.

Our next visit was to the "Tower of the Princesses," where the three sisters, Zayda, Zorayda, and Zorahayda were kept until their father should choose just the proper husbands for them. In the meantime, for lack of other employment, they became enamored with three Christian knights who were captives and had to work in the ravine below their tower. During their resting hours they sang love songs to the pretty princesses, who communicated with them through the language of flowers; and finally, one night, it was arranged that they should fly with their Christian knights to their own land. Their duenna assisted them in their plans, and she, herself, eloped with the guard. A rope ladder was thrown over their balcony and the two eldest princesses followed their duenna, but the younger one, Zorahayda, hesitated too long. She dreaded leaving her native land, and her parents. The guards were heard approaching so she flung the ladder over, and the others were obliged to do the flying without her. It is related that her Christian lover consoled himself by marrying a princess in his own land. The two elder sisters became Christians, and of course lived happily ever afterward; but poor Zorahayda's spirit continued to flutter around the tower, until centuries afterward she appeared one night, as a phantom, to the daughter of the gardener, and begged her to dip her fingers in the fountain and give her Christian baptism. She did so, and in return the princess told her where the vase of gold was hidden.

Antonio could speak English a bit, but we found it easier to understand him when he spoke French. He told us many, many stories that I can not relate here for want of space.

Last of all, we climbed the tower of De La Vela to see the sun set. It was a magnificent view to see the fiery orb gradually disappear behind the purple mountains, and the snowy range of Sierra Nevada bathed with the rose color of the afterglow.

The secret of success is constancy to purpose.—D'Israeli.

For the Little Ones

Somebody's Mother.

The woman was old, and ragged, and gray,
And bent with the chill of the winter's day;

The street was wet with a recent snow,
And the woman's feet were aged and slow.

She stood at the crossing and waited long,
Alone, uncared for, amid the throng

Of human beings who passed her by,
Nor heeded the glance of her anxious eye.

Down the street, with laughter and shout,
Glad in the freedom of "school let out,"

Came the boys like a flock of sheep,
Hailing the snow piled white and deep.

Past the woman so old and gray,
Hastened the children on their way,

Nor offered a helping hand to her,
So meek, so timid, afraid to stir

Lest the carriage wheels or the horses' feet
Should crowd her down in the slippery street.

At last came one of the merry troop—
The gayest laddie of all the group;
He paused beside her, and whispered low:

"I'll help you across if you wish to go."

Her aged hand on his strong young arm
She placed, and so, without hurt or harm,

He guided the trembling feet along,
Proud that his own were firm and strong.

Then back again to his friends he went,
His young heart happy and well content.

"She's somebody's mother, boys, you know,
For all she's aged and poor and slow;

"And I hope some fellow will lend a hand
To help my mother, you understand,
"If ever she's poor, and old, and gray,
When her own dear boy is far away."

And "somebody's mother" bowed low
Her head

In her home that night, and the prayer she said

Was, "God be kind to the noble boy
Who is somebody's son, and pride, and joy!"

—Anon.

How Alida Went In.

"What's the matter with you?" asked Wallace, for his sister Alida, who was usually smiling, wore a troubled scowl.

"Oh, I've got to go up to Gwendolen King's after school and show her where the lessons are.

"Well, why isn't that all right?"

"But I don't know her. She hasn't been in my room, but two days, and now she's been sick a week, and Miss Hanson wants me to go—and it's such an awfully stylish place!"

"Style won't hurt you," laughed her brother.

"But they have a man to wait on the door, and he takes the cards in on a silver tray!"

"And don't you want your card carried that way!"

"Wallace Randall! You know I haven't any cards! You're just making fun. I wish I could go round to the back door; but mother says no."

"I'll tell you," said Wallace, "I might get a ladder and put it up to the window of Gwendolen's room, and you could go in that way. Which is her room? Do you know?" His sister laughed; yet all during dinner she wished that her dreaded errand was over.

It was with a fluttering heart that Alida walked in at the broad gateway and up the stone steps that led to the Kings' palace of a home. Tremblingly she pressed the bell-button and waited. Nobody came, and she wondered what she ought to do next. While she was still in doubt, a window at the end of the long piazza was thrown open and a maid in a white cap and apron beckoned. As there was nobody else in sight, the summons must be for her, and Alida went.

"What do you want?" the maid asked, not unkindly. "They're frescoing the vestibule, and I can't open the door."

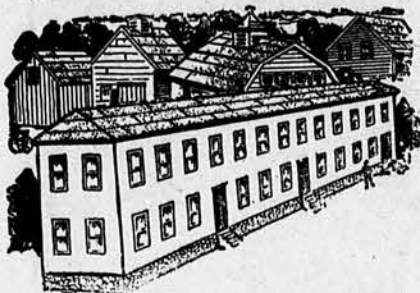
Alida explained her errand. As she concluded, a head was thrust around the corner.

"Oh, I know you!" exclaimed Gwendolen. "You're Alida Randall! Come

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right in through the window. That's the way I did just now. And in a minute the young visitor's feet had gone up and down, and the visitor herself was talking with Gwendolen King just as if they had been friends all their lives.

"Well, you lived through it!" was Wallace's salutation, when he met his sister at the tea-table. "How did you get in? You didn't call on me for a ladder."

"No," replied Alida; "I went in through a window on the first floor." Wallace laughed. "Oh, come now, no joking!"

"I am telling the sober truth," she protested. "I did go through the window!"

Her brother was incredulous, and Alida could not forbear taking her turn at a little teasing. Then she told him. —Emma C. Dowd, in Delineator.

Law English.

It is amusing to listen to the language of lawyers in dictating an instrument. They like to have all the ground covered. This is illustrated by a comparison of a single sentence. Were I to give you an orange, I would simply say: "I give you an orange." But if a lawyer were putting the gift in writing he would say:

"I hereby give, grant, and convey to you all right, title, and interest in, and to said orange, together with the rind, skin, juice, pulp, and pits thereof, with full power to bite, suck, or otherwise eat the same, or to give away, with or without the rind skin, juice, pulp, or pits, anything hereinto-fore or in any other deeds, instruments of any nature or kind whatever to the contrary notwithstanding.—Clipping from an Old Newspaper.

Value of Natural Gas Production.

The approximate value of the natural gas produced and sold in the United States [in 1904], as reported to the United States Geological Survey, is shown in the following table:

State.	Value.
Arkansas and Wyoming.....	6,515
California.....	114,195
Colorado.....	14,300
Illinois.....	4,745
Indiana.....	4,342,409
Indian Territory and Okla- homa.....	49,665
Kansas.....	1,517,643
Kentucky.....	322,404
Missouri.....	6,285
New York.....	522,575
Ohio.....	5,315,564
Pennsylvania.....	18,139,914
South Dakota.....	12,215
Alabama and Texas.....	14,082
Utah.....	
West Virginia.....	8,114,249
Other States.....	

Total**.....\$38,496,760
*Includes small quantity produced in Tennessee.

**Does not include value of gas produced in Canada and consumed in the United States.

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Periodic Pains.

Dr. Miles' Anti-Pain Pills are a most remarkable remedy for the relief of periodic pains, backache, nervous or sick headache, or any of the distressing aches and pains that cause women so much suffering.

As pain is weakening, and leaves the system in an exhausted condition, it is wrong to suffer a moment longer than necessary, and you should take the Anti-Pain Pills on first indication of an attack.

If taken as directed you may have entire confidence in their effectiveness, as well as in the fact that they will leave no disagreeable after-effects.

They contain no morphine, opium, chloral, cocaine or other dangerous drugs.

"For a long time I have suffered greatly with spells of backache, that seem almost more than I can endure. These attacks come on every month, and last two or three days. I have never been able to get anything that would give me much relief until I began the use of Dr. Miles' Anti-Pain Pills, and they always relieve me in a short time. My sister, who suffers the same way, has used them with the same results." MRS. PARK,
721 S. Michigan St., South Bend, Ind.

Dr. Miles' Anti-Pain Pills are sold by your druggist, who will guarantee that the first package will benefit. If it fails he will return your money. 25 doses, 25 cents. Never sold in bulk. Miles Medical Co., Elkhart, Ind.

The Home Circle

CONDUCTED BY RUTH COWGILL.

A Life Lesson.

There little girl, don't cry,
They've broken your doll I know
And your tea set blue
And your playhouse too
Are things of the long ago;
But childish troubles will soon pass by
There little girl, don't cry.

There little girl, don't cry,
They've broken your slate I know
And the glad, wild ways
Of your schoolgirl days
Are things of the long ago;
But life and love will soon come by.
There little girl, don't cry.

There little girl, don't cry,
They've broken your heart I know,
And the rainbow gleams
Of your youthful dreams
Are things of the long ago;
But heaven holds all for which you sigh,
There little girl, don't cry.

—Riley.

Hints for the Sick Room.

If possible before the patient is put into the room clean out of it every superfluous article of furniture. If it is a contagious case or fever of any sort take out rugs or wool window curtains and table-spreads, and in case of severely contagious diseases such as smallpox or scarlet fever, even the books should be removed.

This sounds very cheerless, but the next step changes all that.

Put up snow-white lawn curtains, frilly and dainty, that can be looped back for plenty of sunshine, and are easily washed. Have a white cotton bedspread. The white dimity spread used at hospitals is both the best and prettiest, washes as easily as a sheet and does not have to be ironed.

Find dainty, pure white, washable linen for bureau and the many convenient little tables. Reserve one table entirely for the doctor's use, for glasses, medicine bottles, a tray and teaspoon.

Keep this table always exquisitely fresh. If pretty linen spreads don't hold out, cover it with a fresh towel every day or two, and never leave a soiled plate or tumbler in sight of the patient or give medicine or milk in a glass once used.

If there is hot running water in the room, the nurse should rinse dishes as soon as used. Otherwise they should be put outside the door, where a small table stands ready to save steps.

If the carpet is gone, a strip of matting should be run from door to bed and window to soften the sound, or a nurse may wear noiseless slippers.

Bring up from the dining room or sitting room one or two growing plants and put them near the window on a white covered stand, where the patient can watch them without effort. Do not have many scented flowers in a sick room and none at night, when the patient is weakest and needs the freshest air.

The best plan is to put a rose in a tall vase or a few carnations near the window prettily arranged. These give pleasure without the bad results of heavy odors.

There should be a book or two about so that the patient may feel that the weary hours could be lessened if he wished. Most sick people do not like being read to—a point for every nurse and kind friend to bury deep in her inner consciousness; they submit to it sometimes but are usually restless afterward.

With the room white, cheerful and exquisitely clean, next prepare the bed with all easily washable coverings, cotton, not linen sheets and pillow cases and woolen blankets that can be washed with antiseptics.

Plan to have two sets of sheets and pillow cases always in use, so that every morning the bed can be entirely changed, the sheets removed and put out to air for a couple of hours and then warmed and folded away ready for the next morning, with two fresh from the laundry well warmed at least twice a week.

The patient should be removed to the left side of the bed as a folded sheet is laid on the right, then lifted

for a second as the sheet is opened to the right, and the under sheet pulled out. Then the fresh sheet is put over, and for a while an extra blanket added to avoid chill.

The question of ventilation is very important, yet most easily managed. A screen is absolutely essential.

At night one window should be opened a little at the top and one at the bottom, and the screen should be placed around the bed. During the day one window should always be opened, with a screen in front of it out some two feet to allow the air to spread easily.

Every morning after the bed is changed the windows should be opened wide, the patient well bundled up and the screen put in front of the bed if he is sensitive to cold. Then breakfast, a little visiting, if the doctor will permit it, or a book, if the patient wishes it.

The nurse's dress is a matter of distinct importance to herself and her patient.

Wool frocks must be discarded. A cotton dress, very simply made and fresh once a week, with daily fresh white aprons and stocks, is the best and most convenient ready costume. It is pleasantly fresh to the eyes of the patient, and it is the exceptional woman who does not look her prettiest in this semi-professional garb.

A wool dress, which gathers up microbes in rich harvests, is a menace to her own health and to her family afterward.

Antiseptics must be used by the nurse in cleaning the room, washing the dishes and bedding and bathing her own hands after touching the patient. Most antiseptics are unpleasant in odor and injurious to the hands, so that patient as well as nurse is apt to dread their free use. A simple pure borax powder is a harmless, non-odorless disinfectant.

Dissolved in warm water it may be used to clean woodwork, furniture, bedding and dishes. A pinch of it in the morning bath is not only healthful but invigorating to the patient, and it is an admirable mouth wash. It is the amateur nurse's best friend.

The question of talking with a patient must be regulated by the good sense of the nurse as must her own cheerfulness and patience and self-sacrifice. She must consider her own powers of endurance and she must eat regularly most nourishing food, out of the sick room if possible.

It is an important fact that all the suggestions made here will lessen, not increase, the work and worry of the nurse, and in the end lessen the expenditure of money as well, not to mention the more important consideration that they all count for the patient's quick recovery and subsequent good health.

Poor nursing is followed by slow convalescing, and economy of care by an aftermath of minor illnesses.—N. Y. Sun.

Inhabitants of the Philippines.

Filipino is the collective name for the representatives of various races inhabiting the Philippine Islands, and especially of the Negrito, Indonesian and Malayan races. The twenty-one tribes representing the Negrito races inhabit the islands of Luzon, Panay, Negros, and Mindanas. They are typical negroes, with thick lips, broad nose and curly hair. Intellectually they occupy nearly the lowest rank in the human series. The Indonesian race, represented by about sixteen tribes, and inhabiting almost exclusively the island of Mindanas, is physically superior to both the Negrito and Malay race. The people are tall, sturdy and of fair complexion, with a high forehead, wavy hair, and sometimes a long beard. Many of them are bright, intelligent and industrious, but none of

OPERATIONS AVOIDED

Two Grateful Letters from Women Who Avoided Serious Operations.—Many Women Suffering from Like Conditions Will Be Interested.



When a physician tells a woman, suffering from ovarian or womb trouble, that an operation is necessary it, of course, frightens her.

The very thought of the operating table and the knife strikes terror to her heart. As one woman expressed it, when told by her physician that she must undergo an operation, she felt that her death knell had sounded.

Our hospitals are full of women who are there for ovarian or womb operations!

It is quite true that these troubles may reach a stage where an operation is the only resource, but such cases are much rarer than is generally supposed, because a great many women have been cured by Lydia E. Pinkham's Vegetable Compound after the doctors had said an operation must be performed. In fact, up to the point where the knife must be used to secure instant relief, this medicine is certain to help.

The strongest and most grateful statements possible to make come from women who, by taking Lydia E. Pinkham's Vegetable Compound, have escaped serious operations.

Margrite Ryan, Treasurer of St. Andrew's Society, Hotel English, Indianapolis, Ind., writes of her cure as follows:

Dear Mrs. Pinkham:—
"I cannot find words to express my thanks for the good Lydia E. Pinkham's Vegetable Compound did me. The doctor said I could not get well unless I had an operation for ovarian and female troubles. I knew I could not stand the strain of an operation and made up my mind I would be an invalid for life.

Ask Mrs. Pinkham's Advice—A Woman Best Understands a Woman's Ills.

Hearing how Lydia E. Pinkham's Vegetable Compound had saved other women from serious operations I decided to try it, and in less than four months I was entirely cured; and words fail to express my thankfulness."

Miss Margret Merkley of 275 3d Street, Milwaukee, Wis., writes:

Dear Mrs. Pinkham:—

"Loss of strength, extreme nervousness, severe shooting pains through the pelvic organs, cramps, bearing down pains, and extreme irritation compelled me to seek medical advice. The doctor, after making an examination, said that I had ovarian trouble and ulceration, and advised an operation as my only hope. To this I strongly objected—and I decided as a last resort to try Lydia E. Pinkham's Vegetable Compound.

"To my surprise the ulceration healed, all the bad symptoms disappeared, and I am once more strong, vigorous and well; and I cannot express my thanks for what it has done for me."

Ovarian and womb troubles are steadily on the increase among women—and before submitting to an operation every woman should try Lydia E. Pinkham's Vegetable Compound, and write Mrs. Pinkham at Lynn, Mass. for advice.

For thirty years Lydia E. Pinkham's Vegetable Compound has been curing the worst forms of female complaints, all ovarian troubles, inflammation, ulceration, falling and displacement of the womb, leucorrhoea, irregularities, indigestion and nervous prostration. Any woman who could read the many grateful letters on file in Mrs. Pinkham's office would be convinced of the efficiency of her advice and Lydia E. Pinkham's Vegetable Compound.

these tribes have been converted to Christianity. The representatives of the Malay race, consisting of about forty-seven tribes, constitute the greatest part of the population of the Philippine Islands. They are of brown complexion, and decidedly darker than the Indonesians, though much lighter than the Negritos. All more or less civilized tribes of importance, such as the Visayans, Tagalogs, Ilocanos and Moros, belong to this race. Although the majority of these tribes are ignorant and illiterate they are to a certain extent civilized, and with the exception of the Mahometan Moros, they have been converted to Christianity. Besides these native tribes there are numerous mixed types, resulting from marriages with Spaniards, Chinese, Japanese and even Americans.—Boston paper.

Why Are Sailors' Trousers Made So Large at the Bottom?

For the reason that sailors' legs are larger at the top or board end than at the ankles. It is a part of the sailor's duty to go ashore, and in landing parties on pier-

less beaches he must be prepared to hop overboard and light the boat through the surf. Hence the peculiarity of the cut of his slacks, not style, but utility. With one pull the sailor can double the lower half of a trouser leg up over the thigh as far as the legs are divided, thus leaving the fold above the knee; a second pull will roll up the remainder of the trousers almost as far. Thus the disembarking jockey in a landing party can go overboard with little danger of wetting his breeches, yet once ashore he can appear in two minutes as fully equipped in nether habiliments as is prescribed by the articles of war.—Selected.

Aromatic Vinegars.

The preparation of a supply of aromatic vinegars for various uses requires very little time or labor, compared with the amount of both which they will save. As an example: One woman goes to the mint bed, or perhaps to some far-away field, each time she serves mint sauce. When she can not take time to gather the mint she goes without the sauce. Her neighbor

PILES	FISTULA—28 YEARS	We send FREE and postpaid a 352-page treatise on PILES, FISTULA and DISEASES OF THE RECTUM; also 132-page illustrated treatise on DISEASES OF WOMEN. Of the thousands of prominent people cured by our mild method, NONE PAID A CENT TILL CURED—we furnish their names and letters on application.	NO MONEY
		1033 Oak St., Kansas City, Mo., and	
		DRS. THORNTON & MINOR, 3609 Olive Street, St. Louis, Mo.	
			TILL CURED

gathers a "lot" of mint; looks it over and washes it; uses what she wants at the time, and puts the rest into glass cans (after bruising the stalks and leaves by twisting them in the hands) and covers it with vinegar. At the end of a month or so, she strains the vinegar and keeps it, closely corked, ready for use at any time. The first woman has mint sauce when she can—the other one has it whenever she wants it, at any time of the year.

The leaves, blossoms and seeds of the nasturtium, treated in the same way as the mint, makes a delightful flavoring for salads or meat for sandwiches, while tarragon vinegar, which is considered the finishing touch to sauces, soups and salads, is made in exactly the same way. Tarragon is as easily grown as any of the domestic herbs, and should be cut for use when just coming into bloom, as the aromatic oil seems to be stronger at that time.

A mixture of parsley, thyme, sweet marjoram and any other herbs one may like, treated in the same way as the single herbs, gives a blended flavor which is very good for many purposes.

A spiced vinegar is made by developing two pounds of sugar in a gallon of vinegar and then adding an ounce each of several kinds of unground spice—the kinds depending on the taste of the people who will use it. Allspice, cloves, pepper, mace, mustard and celery seeds make a good combination that suits most people. If the spices are put into small bags, they may be lifted out when the vinegar becomes sufficiently strong and save the work of straining.

The fortunate circumstances of our lives are generally found at last to be of our own producing.—Goldsmith.

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Moore's Air Tight Heater

Outside—The handsomest stove on the market, bar none. The outer casing is an open grille of tracery in iron. Brilliant triple-nickel plating adds to its attractiveness.

Inside like a little furnace. Heavy everlasting firepot, which not only outlasts others, but by means of the special hot-blast draft flues at the sides, sets fire to the gases which come out of the coal. This makes an even fire, burning from the inside in, instead of from the outside out; burns up everything but the ashes, and burns the cheapest slack as well as the best coal. **Warm** by circulation. Draws in the air at bottom of stove (the cooler air from the floor) and discharges it through the open work casings. Keeps the air moving. Maintains an even temperature. No cold corners or floors. Warm rooms keep children healthy. This circulation prevents blacking from burning off and nickel stays bright.

Double Heater. Will warm up-stairs if you wish. As good as two stoves, for the cost and fuel bill of one.

Dustless. Has a dust flue, like a furnace that draws all dust up chimney when shaking down. **Air-Tight.** Doors and drafts are ground to fit within 1-1000 of an inch. Great saving of fuel. Holds fire 24 hours.

Moore's Stoves Always Please Are you planning to buy either a heating or cooking stove? Be sure to see Moore's complete line—the latest—the most improved—the best for all purposes.

Write today for a free copy of "The Wife and the Wonder-Worker," a beautifully illustrated story full of human interest which incidentally tells much that you would like to know about stoves.

Joliet Stove Works, 509 Benton St., Joliet, Ill.

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Mutual Improvement Club, Carbondale, Osage County (1898).
Give and Get Good Club, Barryton, Shawnee County (1898).
Women's Literary Club, Osborne, Osborne County (1898).
Women's Club, Logan, Phillips County (1898).
Domestic Science Club, Osage, Osage County (1898).
Ladies' Crescent Club, Tully, Rawlins County (1898).
Ladies' Social Society No. 1, Minneapolis, Ottawa County (1898).
Challies Club, Highland Park, Shawnee County, (1898).
Citrus Club, Phillipsburg, Phillips County (1898).
Literature Club, Ford, Ford County (1898).
Saban Club, Mission Center, Shawnee County, Route 2, (1898).
Star Valley Women's Club, Iola, Allen County (1898).
West Side Forestry Club, Topeka, Shawnee County, Route 8, (1898).
Fortnight Club, Grant Township, Reno County (1898).
Progressive Society, Rosalia, Butler County (1898).
Pleasant Hour Club, Wakarusa Township, Douglas County (1898).
The Lady Farmers' Institute, Marysville, Marshall County (1898).
Women's Country Club, Anthony, Harper County (1898).
Taka Embroidery Club, Madison, Greenwood County (1898).
Mutual Improvement Club, Vermillion, Marshall County (1898).
Frendis Reading Club, Cawker City, Mitchell County (1898).
Cosmos Club, Russell, Kans.
[All communications for the Club Department should be directed to Miss Ruth Cowgill, Editor Club Department.]

STUDY PROGRAM.

Joseph Mallord William Turner.
Roll-call—One of Turner's pictures.
I. Turner's childhood and parentage.
II. Yorkshire, the home of artists and poets.
III. A description of one of Turner's pictures.

IV. Infirmities of great geniuses.
Perhaps the greatest of English painters comes before us for study in this program. He is one who has had many most ardent admirers and many equally ardent detractors. An American described "The Slave Ship," which is in the Boston Museum of Fine Arts, as "a cat dying in a dish of tomatoes," and this appeals to the average observer as a very good description, so brilliant and unreal are the colors used.

A critic of his own time spoke of another picture, "The Snow Storm," as "soapsuds and whitewash."

Yet severe as the criticisms have been, Turner is recognized to-day as the greatest English painter of landscapes, and one among the great painters of the world.

I. Unfortunate indeed is it for every child to be born to poverty and unhappiness. Doubly difficult is it for the sensitive nature of a genius. Turner's childhood was cramped by poverty and darkened by disgrace, and the result upon his later life was bad and far-reaching.

II. Turner spent a great deal of time sketching towns in Yorkshire, the most beautiful county in England. This was the home also of Wordsworth and Shelley and Ruskin, and beloved of many of England's greatest scholars.

III. A copy of any one of Turner's pictures may be used for description, many of them are well known.

IV. Genius is often accompanied by a nature warped and unsound. Undue development in one direction effects weakness in others. Turner is an example of this, and there are many other familiar examples.

THE INTERNATIONAL SUNDAY-SCHOOL LESSON.

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Fourth Quarter. Lesson V. Zech. 4:1-10. October 29, 1905.

Power Through the Spirit.

In the Middle Ages the Arch of Titus was called the Arch of the Golden Candlestick. No Jew ever passed under that imperial trophy lest his eye should fall upon that bas-relief, which so faithfully pictured the articles of temple furniture carried by heathen hands in triumphal procession.

Next to the ark the candlestick was the most costly, beautiful, and significant object in the temple. It was six feet tall, all of gold, symmetrical in proportion, and its estimated value was very great. Imagine this singularly graceful ornament, with the mys-



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tic veil for a background and its seven tapers all aflame. It was to look at a goodly sight like this that the angel aroused the prophet, who was stupified by the splendid visions which had preceded.

The next day Zechariah cried, "I have seen the golden candlestick restored, set up in its place, and all aflame!" What could that mean but that the work of rebuilding the temple, in spite of all hindrances, should ultimately succeed? We only light a lamp indoors; never in the open. The temple was therefore the logical inference from the candlestick.

The first incidental lesson of the vision is found in the injunction against despising the day of small things. That insignificant remnant amid the blackened walls of Zion was the most important company in the world; the work they were engaged in was the most import work of that age. The next lesson was that of trust. There was a mountain of difficulty in the way. Yes! But before their appointed leader that mountain would become a plain. Again they were vividly reminded of God's omniscience. Those seven eyes (that perfect vision of

God) run to and fro through the whole earth. God sees the plummet-line in Zerubbabel's hand. Omniscience is pledge of security and success. Thus God mercifully illuminated the darkest night of His people's history with the golden candlestick, which, like the bush in Horeb, burned without consuming.

The vision bears a spiritual significance upon its face. The Church is the candlestick set forth in the moral darkness of the world. Above the candlestick of the vision was a reservoir; from the reservoir there were seven pipes to each lamp—seven, the number of perfection, indicating the abundant supply. On either side of the candlestick stood an olive-tree that poured its oil into the reservoir. The trees represent the kingship and priesthood of Jesus, who supplies the reservoir with the Holy Spirit. It is not the lamp that burns. The lamp is only the vehicle of the oil. It is not the Church that illuminates, but the Holy Spirit through the Church. The Church is all gold. It is very precious, purchased with a great price. The Church has many branches, but it is one candlestick.

KANSAS FARMER.

Established in 1868.

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J. B. McAFEE.....Vice President
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Display advertising, 15 cents per line, agate (fourteen lines to the inch). Continuous orders, run of the paper, \$1.54 per inch per week.

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.

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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.

AMERICAN ROYAL NOTES.

(Continued from page 1075.)

in inclement weather and of constantly flapping in the wind, thus causing nervousness in the stock while on exhibition. It has been suggested that by bridging the small creek which passes just to the south of the show-tent, a large additional amount of ground could be made available for the show. The show is crowded on ground that is only about one-fourth large enough at present and if it grows as it should do, still greater provision for expansion will have to be made.

It was a matter of comment among the breeders present that the expert judges were largely drawn from the Agricultural College belonging to a State not directly embraced in the Kansas City territory. No thought of criticism on the work of these judges was had, but it was suggested with some force that Kansas, Missouri, and Oklahoma have good judges whose services might be secured for this greatest event in this territory. We should like to see it possible to call on the Missouri and Kansas Agricultural Colleges for expert judges next year, as we believe they can furnish as good as any.

The Kansas Agricultural College was represented by a class of twenty-five students in stock-judging in charge of Prof. R. J. Kinzer. These young men were enthusiastic students and the breeders took pleasure in leading out their choicest animals in order that they might have practice in stock-judging. The names of the members of the party were C. A. Glikson, D. H. Gripton, R. M. Shuler, E. E. Greenough, J. M. Ryan, H. J. Bottomly, R. E. Reed, M. D. Snodgrass, Robert Gilbert, C. Lambert, F. L. Williams, M. L. Walton, W. C. Schroeder, Harry Oman, L. J. Munger, C. L. Jones, W. E. Watkins, J. H. Fee, J. M. Bealy, and A. J. Crayton. These students were entertained at a banquet given by a well-known commission company one evening, and were afterwards given a box party at the Grand Theater.

Not only was the Royal great as a horse- and cattle-show, but it was very strong as a mule-show, as well. The writer attends a large number of live-stock shows and expositions each year, but he has never seen so strong a showing of mules in any of them with the single exception perhaps of the Missouri State Fair. It may be a surprise and certainly will be a pleasure to Kansans to know that the champion mule is the product of this State and not of Missouri. She was bred by A. Hirsch, Formosa, Jewel County, Kansas, and defeated Topsy, the Missouri mule, who won first prize at the World's Fair.

The American Royal does not have much of a "pike" as yet, though this

feature is growing each year and the passageway from the main gate to the rear end of the grounds is pretty well lined with booths arranged for sale and advertising purposes. Perhaps the greatest discomfort to which the visitor is subjected is the attentions received from a lot of pestiferous solicitors for so-called agricultural papers. They hold up the visitor with impunity or a club and button-hole him at a time when he is anxious to see the exhibits, and they try to force him to take a cheap buggy-whip or a cheaper fountain pen, or some other trifle as a premium for a subscription to their papers. Their boldness in stopping visitors approaches impudence.

Manager Chas. Crate, of the DeLaval Separator Company, made himself and his booth a popular place of resort for all classes. He had souvenir thimbles for the women and buckskin coin purses for the men. The policemen on duty in the grounds soon became aware of the latter fact and each one paid a visit to the booth in order to secure a DeLaval coin purse for a tobacco pouch.

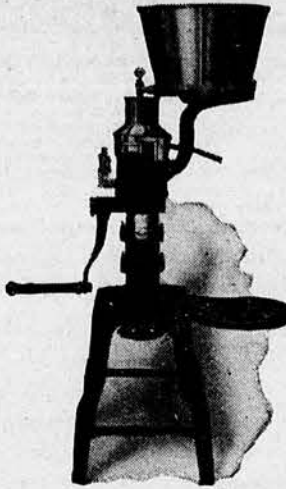
There was so much inquiry for dairy cattle during the week, that an effort will be put forth next year to provide a classification for an exhibit of the various breeds.

The oldest breeders of Percheron horses west of the Mississippi River are Henry Avery & Son, Wakefield, Kans. Their long years of experience have taught them that success comes through having good horses but that it comes very much quicker and better by having good mares as well. At the American Royal it was conceded on every hand that the Averys had the best string of Percheron mares on the American Continent. In proof of this it may be mentioned that they won the championship on group of five mares in the Percheron specials and with this championship a gold medal valued at \$100. Included in the group of five mares were Mina and Lena, the 3-year-old fillies that won first and sweepstakes at the World's Fair and that have never been defeated as a pair. In the Percheron special prize for best imported stallion the Averys were given first prize on Bosquet by Prof. C. F. Curtis, who acted as judge, and who placed him over the great Casino, who had won first at the World's Fair.

There are good Percherons in Kansas. The Percheron Association gave twelve gold medals, valued at \$100 each, to be distributed as special premiums at the fairs at Topeka and Hutchinson, Kans., and at the American Royal. J. W. & J. C. Robison, owner of Whitewater Falls Stock Farm, won ten of these gold medals with their herd of Percherons headed by their two great stallions, Casino, who stood first in class at the World's Fair, and Lena, who has won honors wherever shown.

The officers of the American Royal to whom credit for the success of the greatest live-stock show in America must be given are as follows: President, A. M. Thompson, Nashua, Mo.; vice-president, Eugene Rust, Kansas City, Mo.; secretary and treasurer, T. J. Wornall, Liberty, Mo.; general manager, C. R. Thomas, Kansas City, Mo. Board of directors: Chas. Gudgell, Independence, Mo.; T. J. Wornall, Liberty, Mo.; Geo. Stevenson, Jr., Waterville, Kans.; Eugene Rust, Kansas City, Mo.; C. N. Moody, Atlanta, Mo.; C. R. Thomas, Kansas City, Mo.; B. O. Cowan, Chicago, Ill.; A. M. Thompson, Nashua, Mo.; H. W. Elliott, Estill, Mo. Assistant superintendents: Hereford Division, J. W. Rouse, Kansas City, Mo. Shorthorn Division, B. O. Cowan, Chicago, Ill. Galloway Division, Chas. Gray, Chicago, Ill.; Aberdeen-Angus Division, Geo. Stevenson, Jr., Waterville, Kans. Horse Department: Committee in charge, William McLaughlin, Kansas City, Mo.; J. W. Robison, Eldorado, Kans.; J. C. Wolcott, Kansas City, Mo. Superintendent, O. P. Updegraff, Topeka, Kans. Official veterinarians: D. F. Luckey, Columbia, Mo.; T. W. Hadley, Kansas City, Kans. Superintendent of publicity, John M. Hazelton, Kansas City, Mo.

Peerless Cream Separator.



The evolution of the Cream Separator is a topic of vital interest to every farmer and dairyman. Its development into a latter day implement of latter day methods is a showing of the tendency of the times.

There is no safety in being too conservative—neither is there safety in being too careless in the selection of latter day machinery.

All Cream Separators have points of merit—more or less—but it is a time for cool observation and careful determination of the proper course. There is no other way to protect a good name, or to keep a farm from depreciating—to say nothing about making a profit which is the substantial proof of good methods than by using the **PEERLESS CREAM SEPARATOR**.

For further information and catalogues write

Bradley Alderson,

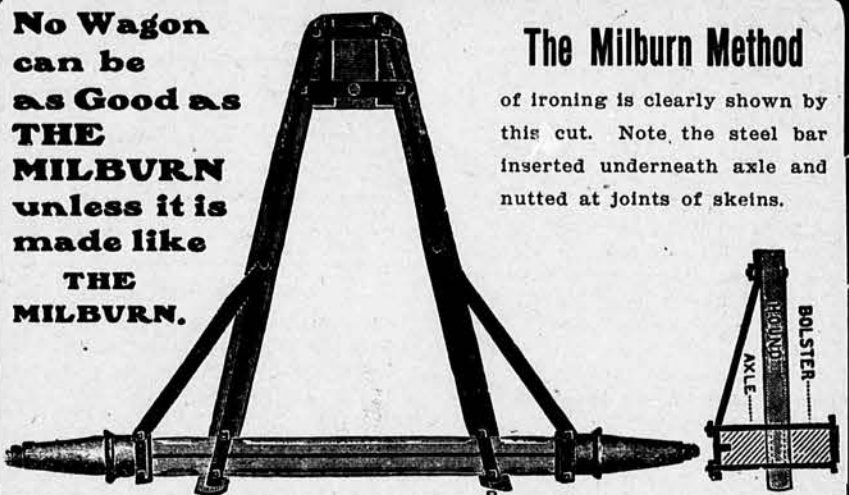
Tenth & Hickory.

KANSAS CITY, MO.

No Wagon
can be
as Good as
**THE
MILBURN**
unless it is
made like
**THE
MILBURN.**

The Milburn Method

of ironing is clearly shown by this cut. Note the steel bar inserted underneath axle and nutted at joints of skells.



It costs more to build wagons the Milburn way but they run easier, last longer, and carry heavier loads, and are therefore cheaper in the end. If you want a cheap wagon we can't interest you. If you want the best wagon money can buy ask us for catalogue and prices of **The Milburn**.

ROCK IS LAND IMPLEMENT COMPANY,
Kansas City, Mo.

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Country Home

The telephone in the country home is not a luxury—it's a money-saving investment that brings returns every day. Keeps the farmer's family in close relation with the neighbors, saves many a trip to town, and helps to make the young folks satisfied with the farm by giving them advantages like their city cousins.

Stromberg-Carlson
Telephones

Are the right telephones for country homes. They work right, stay right, and the price is right. Our new book 129-E, "How the Telephone Helps the Farmer," illustrates and describes how our telephones are made—explains why they are the best to buy. Farmers are building lines all over the land. Why not you? The book shows how cheaply it can be done. If you are interested we will send you a book telling "How to Build a Rural Telephone Line," and how to maintain it after it is built. Both books are free. Write nearest office for them today. Address

STROMBERG-CARLSON TEL. MFG. CO., Rochester, N. Y., Chicago, Ill.

Dispersion Sale

OF

Shorthorns and Polled Durhams,

At Ford, Kans., October 31, 1905.

The offering will consist of 40 head of thoroughbred Shorthorns and Double Standard Polled Durhams, mainly of the latter. The families represented are mainly Young Marys, Floras, Filberts and White Rosés. Several of the animals are closely descended from Ottawa Duke. The head of the herd is Ottawa Hawkeye 12738 and X 989. Another double-standard bull is Sir Lancelot Fair 164570 and X 268—and several younger ones of choice breeding.

In addition to the pure-bred cattle there will be fifty head of high-grade cows and heifers bred to thoroughbred bulls and about forty calves. For further particulars address

Nellie Burgan, Ford, Kansas.

REGISTERED PERCHERONS.

Coachers, Saddlers, Big Mammoth Jacks and Jennetts. Yaffi head of Percheron stud and **King Jumbo** at head of Jennett herd. More prizes won at Missouri State Fair 1904-5 than any other breeder.

S. A. SPRIGGS.

Westphalia, Kansas.

Gossip About Stock.

J. F. Staadt, of Ottawa, sells extra good Shorthorns and Duroc-Jerseys at Paola, Kans., Saturday, October 28, 1905. Send for catalogue and mention Kansas Farmer.

T. B. Pitcher & Son, of North Topeka, Kans., will hold a public sale of Poland-China swine at his farm, six miles north and one mile east of Topeka. Remember the date, Friday, October 27, 1905.

E. Sturdy, of Bradford, Kans., owns a herd of 225 pure-bred Duroc-Jersey swine, and of this number he offers for sale 80 boars and gilts of excellent breeding and handsome colors. The foundation stock of the herd are from the most successful breeders in the West. For prices and further particulars call or write.

E. A. Smith, owner of the Norwood Stock Farm, Lawrence, Kans., announces a closing-out sale on November 16, of standard-bred trotting stock. Catalogues of the sale mailed on application. Mr. Smith is one of the pioneer horse-breeders of Kansas and his final offering should be quite an attraction to horse-buyers.

The combination sale at Fredonia was in the main successful, the stock bringing fair prices. The first day the hogs, consisting of Poland-Chinas, Duroc-Jerseys, and Berkshires were sold, averaging \$20.65, and the second day Shorthorns at an average of nearly \$80. These same consignors with W. H. Ranson will sell Shorthorns, Wichita, November 10. Write H. E. Bachelder for catalogue, mentioning Kansas Farmer.

In Geo. W. Null's sale are the get of Radium by C's Perfection, litter brother to Corrector's Null's Top Chief, Model of 98, Keep On, Unique Chief Perfection 2d, Mischief Maker, Model of 97, U. S. Tom 4th, C's Perfection, Missouri Dude and Oriental. Mr. Null states this is as useful a lot of royally bred hogs as he has put in a sale in a long time and requests all breeders and farmers to come to the sale or send some bids.

Polled Durhams at Marshall, Mo., November 31, 1905, will be sold at auction by W. H. Lawless, who has one of the well-bred herds of this breed, especially strong in Polled blood. This new breed is becoming very popular among all admirers of Polled cattle and Mr. Lawless is placing a useful lot of cattle in this sale for public appraisalment. Write for catalogue, mentioning the Kansas Farmer.

The Shawnee Breeders' Association announces a sale of Duroc-Jersey swine in our advertising columns this week. The offering is a very strong one made up from the herds of R. E. Marshall, Willard, Kans.; F. L. McClelland, Berryton, Kans.; and J. W. Ferguson, Topeka, Kans. There will be 60 head of fall and spring boars and spring gilts in the offering. These are choicely bred as will be seen from the advertisement, and will be placed in the ring in good, serviceable condition. Catalogues will be furnished by Secretary I. D. Graham, Topeka.

Jos. Condell is selling one of the best small herds in Southern Kansas, October 31, at his farm one mile north of Eldorado, Kans. This is an absolute dispersion of the entire herd. All breeding cows, yearling heifers, and bull calves and the herd bull go. All are good, useful cattle in fair breeding flesh and a good useful lot. All cows have calves at side or are well along in calf and have recently weaned calves. Mr. Condell invites all admirers of the popular White-faced breed to attend, whether they wish to buy or not. Write for catalogue.

In the Shorthorn and Hereford sale at Blackwell, November 11, will be sold 56 head of the two breeds, all nice, young cattle. The offering is made up from choice, new herds that have been established in this new country since its opening. The consignors are putting in their young cattle, thus insuring a nice, useful lot. They have nearly all been liberal buyers from the herds of Kansas, and Kansas breeders should be interested in this sale. J. P. Cornelius, the sale manager, will furnish catalogue on application to him at Braman, Okla. The advertisement gives a list of the consignors who will gladly answer all inquiries about their respective offerings.

The Poland-China sale to be held at Richmond, Mo., Saturday, November 4, 1905, by George W. Falk & Bro., will be one of the notable events of the year. There will be offered 65 head, the very tops of the entire spring crop of over 100 head. The herd is rich in the blood that has made the breed famous. It will be a great opportunity to secure herd boars or sows to start new herds or strengthen already existing ones. In this sale will be sold the great sire, Always Chief. He was sired by Syracuse Chief, he by Missouri Black Chief, and his dam was Beauty by L's Perfection the sire of Corrector. Always Chief sired the 6th and 7th prize-winning sows at the St. Louis Exposition, and his produce are of uniformly high quality. He is being sold only because the brood sows in the herd are mostly sired by him. He is in fine breeding condition, is a prompt server and very sure breeder. Write for catalogue to Geo. W. Falk & Bro., Richmond, Mo.

Mr. Will H. Rhodes, owner of East Lynn Herefords, Tampa, Kans., writes as follows in regard to the cattle consigned to his sale, to be held at Tampa on November 9: "The young bulls I sell in my November 9 sale are with one exception long yearlings, all the big bone, mellow fellows and bred right as their pedigrees will show. 'Nut-brown's Nutcracker' was first prize in a class of three at the McPherson County Fair in September and second prize at the Hope Agricultural and Live Stock Show last week. 'Japalac,' from an imported dam and sired by an imported sire also 'in this sale' was placed first in class. The most of the bulls are sired by Imp. 'Duke of Clarence,' one by 'Java of East Lynn,' one by that show and breeding bull, 'Gem's Keep On.' These bulls will not be sold in high flesh but will be ready for immediate hard service. At the McPherson County Fair, a draft of 9 head from this herd won 9 ribbons, 4 firsts, 3 seconds, 2 thirds. This will be my first sale of Herefords. Parties from a distance will be met at Hope and Tampa with free conveyance to and from the farm. Write for catalogues. They are free, and plan to be with us on that date, November 9, 1905."

CASH

For your farm, ranch, home or business, no matter what it is worth or where located. If you want your property sold quickly, send us description and price. Then we will immediately write, telling you how and why we can quickly convert your property into cash.

IF YOU WANT TO BUY

a business or property of any kind, anywhere, tell us what you want and where you want it. We can fill your requirements, do it promptly, and save you time and money.

N. B. JOHNSON & CO.
547 Bank Commerce Bldg. Kansas City, Mo.



300 SHROPSHIRE EWES 300

At Public Sale.

At Kansas City, Mo., Sale Pavillion,

WEDNESDAY, NOV. 15, 1905.

This consignment of registered and bred Shropshire ewes is from the "Golden Hoof Stock Farm," at Lexington, Neb., founded by C. H. Balingier and now owned by Geo. Allen, will consist of 200 yearling and 2-year-old and 100 3- and 4-year-olds. The one's and two's will be sired by such noted imported rams as Allen's King, the champion ram lamb of America in 1901, and Imp. Dreamer, a pure Mansell bred ram, and the older ewes sired by the best imported and prize-winning rams. These ewes will be bred to such imported rams as Diamond Ace 16810, the champion ram of America in 1901; Imp. Monarch 192384, champion of America in 1903—a pure Mansell bred ram, and Imp. "Allen's 2094", winner of first prize as a lamb at the Shropshire and West Midland; first at the Bath and West of England, and first at the English Royal. The ewes are strictly first class in breeding, quality, and individual merit—there is no better in this country, or the old world, and they are all acclimated to Western conditions, hence should prove a great investment to any one desiring to start a first-class flock or to add a few more good ones to a flock already established. No such opportunity was ever offered in the West and everything catalogued will be sold at the bidder's price. Bids may be sent to the auctioneer, Col. Dwight Lincoln, Richland Center, Ohio. For catalogues address,

GEO. ALLEN, - - Lexington, Neb.

CANADIAN LANDS, MANITOBA, ASSINIBOIA.

The snap you have been waiting for—only one man gets it—320 acres of choice wheat land in the Milestone district of Assiniboia five miles from station, good water. Write for list.

E. L. CAMP,

511 Guaranty Bldg., Minneapolis, Minn.

SECOND ANNUAL POLAND-CHINA SALE.

Messrs. Heady & Bailey will hold their second annual sale at

Galesburg, Kans., Nov. 7, 1905.

This offering of pure-bred Poland-Chinas comprises the herd boar, Proud Perfection 3d, 4 brood sows, 16 spring boars and 18 spring gilts.

The sires of this offering are Proud Perfection 3d 31716, V. C. Perfection 30837, also six boars and five gilts sired by Grand Perfection 77899. He was fifth in class at Iowa State Fair, and first and sweepstakes at Topeka State Fair.

Some of these boars and gilts are extra nice. There will also be included in this auction 6 Shorthorn Cows and Holsteins and 3 Bulls.

Parties from a distance will be entertained free. Free conveyance to and from farm. For auctioneers, field men see catalogue. For catalogue or other information, address

J. W. HEADY or O. F. BAILEY, Galesburg, Kans.

Great Public Sale Poland-Chinas

—AT—

RICHMOND, MISSOURI, SATURDAY, NOVEMBER 4, 1905.

65 head, 35 boars, 30 sows of best breeding, among which are several good herd-headers, including the great sire of prize-winners, Always Chief, that sired sixth and seventh prize-winning yearling sows at St. Louis. Write for catalogue.

GEO. W. FALK & BROS., Richmond, Mo.

Bollin & Aaron's

FALL SALE

At Leavenworth, Kans., Nov. 8, 1905.

60 - HEAD - 60

Of Poland-Chinas.

Ten yearlings, 3 sows and 7 boars, 50 March and April pigs sired by Sir Darkness, The Picket, Black Perfection, Corrector, Kansas Chief, Chief Tecumseh 4th, Beauty's Extension, and Corrector's Equal. Messrs. Bollin & Aaron will also sell a dozen or more herd-headers good enough for any herd.

The catalogue tells all. Write for one, to John Bollin or Gus Aaron, Leavenworth, Kans.

Auctioneers: R. L. Harriman, Bunceton, Mo.; John D. Snyder, Winfield, Kans.

George W. Null's

ANNUAL FALL SALE!

AT ODESA, MO., NOVEMBER 1, 1905.

65 head; 20 sows and gilts bred to Radium and Null's Top Chief. Two of them by Chief perfection 2d; one by Keep On; three by Unique, and others of like breeding. The balance are boars ready for service. Spring and summer pigs of iehre sex, most of them by Radium and Null's Top Chief and a number of grandsons and granddaughters of \$1,575 Anderson Model. Arrange to attend or at least send some bids. Send for catalogue.

Jas. W. Sparks and Others, Auctioneers.

GEO. W. NULL, - - ODESA, MO.

Some Insect Pests to Be Treated by Fall Plowing.

ELBERT S. TUCKER, MUSEUM ASSISTANT IN SYSTEMATIC ENTOMOLOGY, UNIVERSITY OF KANSAS, LAWRENCE.

The study of insects does not appeal to all persons alike. In fact, some have even raised the question, what is the use of a collection of insects? To Dr. F. H. Snow, however, belongs the principal credit of building up the most extensive collections of natural-history specimens, particularly of insects, to be found in the Western States, thus placing the University of Kansas in the lead of higher educational institutions in regard to museum facilities. What the University of Kansas has with special reference to insects is briefly mentioned and its purpose stated in the last catalogue:

"The entomological collection is the largest connected with any educational institution in the United States. It contains more than 20,000 species and 200,000 specimens, representing all the different orders of insects. Nearly the whole of this material has been obtained by the expeditions conducted by the head of the department of systematic entomology during the summer vacations of the past thirty years, supplemented by a system of exchanges with collectors and museums in all parts of the world. The orders of Lepidoptera, Coleoptera and Diptera are especially well represented. Among the Lepidoptera, there are nearly 100 'types' of species described by Grote and Henry Edwards; among the Diptera, there are nearly 600 'types' of species described by Williston, Townsend, W. A. Snow, Aldrich, Adams, Day, Whitney, and Brown; and among the Hymenoptera, 300 'types' described by Vierech.

"The cabinet of Coleoptera contains 8,000 North American species and 2,000 European and exotic forms, and the Lepidoptera and Diptera include 3,000 species of each order.

"The instruction in this department has special reference to the discrimination of the beneficial from the injurious species, and the extensive collections are of practical value to the agricultural and horticultural interests of the State as well as to the students of the University in the determination of the names and habits of our insect friends and foes.

"There is no other university in the country where the advanced student of systematic entomology can find ready access to such an abundance of material for the prosecution of his researches. The collection occupies part of the second and third floors of the Museum of Natural History."

THE BLUE-GRASS BILL-BUG.

(*Sphenophorus parvulus*, Gyllenhal.) I enclose a box of bugs for you to examine and tell me the nature of; they are destroying sod-corn all through this vicinity and the farmers do not know what they are or how to destroy them. Will they eat the young corn all the time it is growing? Let me know just as soon as you can, for I am planting the second time and want to know if I must expect to have the plants destroyed again.

Gardner, Johnson County, Kansas, May 1, 1905.

The insects are a kind of bill-bug known as *Sphenophorus parvulus*, commonly designated by the term, Blue-grass Bill-bug. That they were remarkably numerous and consequently destructive was further indicated by a second letter received two days later from another farmer in the same locality, as follows:

"Inclosed find box of bugs that are destroying the corn on sod-ground in this neighborhood, so that we have to plant again. We never saw anything like them. Please tell us what they are and something about their life and character."

The strange feature of the sudden outbreak of these insects seems to be that they had not been previously known by the farmers. Can the explanation be that no sod-ground had been broken during some years past, whereby the presence of the insects would have been discovered? In the KANSAS FARMER of June 23, 1904, a larger kind of corn bill-bug was treated of, and further reference made in

regard to the species found in Kansas in issue of August 11, of same year, to which the reader who has preserved the papers can refer for helpful information that need not be repeated here. The species now under discussion agrees in general habits and life history with the other kinds of Bill-bugs, though more particularly it breeds in roots of grasses and becomes injurious to corn when that crop is substituted on its breeding-ground. Consequently,



Corn Bill-Bug (*Sphenophorus* sp.). Drawn from Hunter's "Elementary Studies in Insect Life."

when corn is grown on infested sod, no practical measures can prevent the bugs from attacking the plants; therefore, no means of protection could be suggested to the above inquirers. However, as the period of injury by the insect usually does not last long, another or repeated planting is the only course to pursue if a stand is to be obtained free from attacks of the pest under such conditions.

The remedy lies in fall plowing, which breaks up the hibernation of insects in the ground and exposes them, usually in an immature stage, to the action of winter weather. Endorsements from two leading authorities strongly support this practice. Professor J. B. Smith, of New Jersey, in his book, "Economic Entomology," says: "Fall plowing old timothy sod or sedge-land is always indicated, and will generally serve to reduce, if it does not entirely prevent, injury." Professor S. A. Forbes, of Illinois, in Experiment Station Bulletin 79, says: "If a field of grass infested by corn bill-bugs be plowed in fall before the time of insect hibernation has begun, it will be but lightly infested by them, if at all, the following year. Early fall or summer plowing of grass-lands intended for corn is thus an effective measure of protection against injury to that crop the following year."

A stray individual of the species in question was found May 14 on a walk near one of the University buildings; evidently it was migrating and probably it had emerged from lawn-grass. Reports have been made that grass on lawns has been killed, sometimes in large patches, through the propagation of this species in the roots. Egg-laying is begun in May and the grubs which hatch from the eggs feed on root bulbs until the time of transformation to beetles. Recent breeding experiments show that the winter is

passed by the insects in the adult stage. Injury to corn-plants, then, is done by the beetles which cling to the tender sprouts close to or in the ground and there puncture into and feed on the inner tissues by means of their long, stout beaks.

(Concluded next week.)

What Then?
Auntie—"How many commandments are there?"
Bessie—"Ten."
Auntie—"And if you should break one of them, what then?"
Bessie—"Then there would be nine."
—Baltimore World.

SAVE 1/2 BUY AN OLD HICKORY BUGGY AT FACTORY PRICES 30 Days Free Trial

OLD HICKORY BUGGIES have been building an enviable reputation for twenty years. They are built of a perfect grade of white hickory—will stand the WEAR and the TEAR of CONSTANT USE for many years. OLD HICKORY Buggies are

GUARANTEED FOR TWO YEARS

and we will make good any dissatisfaction that could arise. Our sales are enormous—and growing larger every year. We are manufacturers and can sell high quality buggies at about one-half the price you would pay your local dealer for the same goods. YOU NEED NOT SEND US ONE CENT. Use the buggy for thirty days and if you are not entirely satisfied return it at our expense. We manufacture a large number of different styles and can furnish any particular style desired. Send for large, free, illustrated buggy and vehicle catalogue which tells how to get an OLD HICKORY BUGGY on THIRTY DAYS FREE TRIAL, and will prove to you that we can SAVE you ONE-HALF ON YOUR PURCHASE.



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Chicago, Milwaukee & St. Paul Railway

Leave Union Station, Kansas City, 5.55 p. m.; Grand Avenue, 6.07 p. m., arrive Union Station, Chicago, 8.20 a. m. A postal card will bring you complete information about rates, routes & train service

G. L. COBB,
Southwestern Passenger Agent, 907, Main St.
KANSAS CITY, MO.

Miscellany

Hereford Association Annual Meeting.

The twenty-second annual meeting of the American Hereford Breeders' Association was held at the Midland Hotel on October 11. There was a large representative attendance and it was the most harmonious and business-like session that has occurred for a number of years. The president, William George, of Aurora, Ill., was not present, and the meeting was called to order by the vice president, Chas. Gudgell, of Independence, Mo. Mr. George was in Washington, D. C., where he is in attendance upon the meeting of the National Bankers' Association, of which he is a member of the executive committee. The address of the president was read by the secretary, Mr. Thomas, and covered a wide range of topics. He showed that Henry Clay imported a pair of Herefords in 1817, and from an old book quoted an account of the breed in the early days in England. The president suggested that the association resolve to stand for something other than a pedigree-recording organization, and that it take up other matters of vital interest. Among these recommendations was the question of freight rates.

The report of the board of directors was flattering, indeed. It showed that during the past year 294 new breeders had joined the association and the largest year's business in the history of the Hereford breeders had been done. One thing which the directors pointed out was the fact that during the year a larger number of plain bulls had been put on the market than heretofore. It was recommended that all breeders castrate at least 25 per cent of their bull calves, believing the prices which they would receive for the balance of their crop likely to be much higher.

The election of officers resulted in the selection of Charles Gudgell, as president, and Colin Cameron, of Arizona, vice president. There were three members of the board of directors to be chosen, and they were all elected by acclamation.

The new directors are Karl B. Stowe of Hamburg, Ia.; C. N. Comstock, of Albany, Mo., and Thomas Clark of Beecher, Ill.

The directors recommended that the sum of \$20,000 be appropriated to promote the interests of the Hereford breeders throughout the country. Some of the breeders in the South below the quarantine line, desired that the appropriation for shows in that section be consolidated, making one good-sized sum for one show. The idea was to offer a sum of money of sufficient size to induce breeders to fit their cattle for one big exhibit. Fort Worth, Tex., was recognized as the center of the cattle business in the South and it was suggested that the big show of the South be held there.

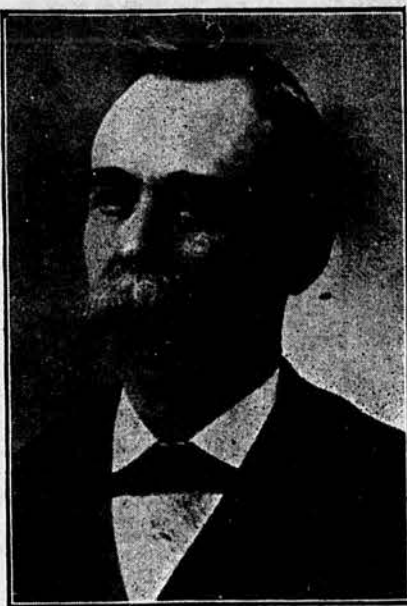
The directors of the Hereford Cattle Breeders' Association in session elected a secretary and treasurer, and transacted such other business as came before them. The new directors elected at the annual meeting last night were present.

C. R. Thomas was reelected secretary of the association, and this will be the twenty-second year he has been connected with the office. He was chosen assistant secretary in 1884 and first elected secretary in 1888. Mr. Thomas was born in Independence, Mo., in 1859, and probably is personally known to more Hereford breeders than any other man in America.

The Hereford Association at this meeting went squarely on record for reciprocity as shown by the resolutions adopted.

The matter was brought before the meeting after the regular order of business had been disposed of at the conclusion of the annual election. Former Governor L. B. Packard of Louisiana, now a resident of Marshalltown, Ia., gained the attention of the presid-

ing officer. He prefaced the resolutions with a few remarks apropos of the issue, reminding the breeders of the danger which confronts the United



CHAS. GUDGELL,
Independence, Mo., President-elect of
the American Hereford Association.

States in the rigid tariff policy of the Government. Governor Packard was permanent chairman of the recent National Reciprocity Congress, held in Chicago in August. The resolutions follow:

The Resolutions.

Whereas, The National Reciprocity Convention, which assembled in Chicago August 16 and 17 in obedience to a joint call of this and other associations, has published a declaration of principles in a preamble and resolution as follows:

The National Reciprocity Convention, representing more than two hundred agricultural, commercial and industrial associations of the United States, by delegates assembled at Chicago, August 16 and 17, 1905, hereby makes the following Declaration of Principles:

Whereas, The agriculture, manufacturers and other industries of this country have expanded to such an extent that they can no longer depend upon the home market for the consumption of their entire product; and

Whereas, The export trade has become a vital support to many of our industries; and

Whereas, The present commercial attitude of the United States, largely owing to our failure to carry into effect the reciprocal trade provisions of Section IV of the Dingley law, is antagonizing foreign nations, whose good will we desire and on whom we have hitherto depended as purchasers of our surplus products; therefore

Be it Resolved: First—That this convention, recognizing the principal of protection as the established policy of our country, advocates reciprocal concessions by means of a dual or maximum and minimum tariff, as the only practical method of relieving at this time the strained situation with which we are now confronted.

Second—that eventually the question of the schedules and items to be considered in reciprocal concessions preferably be suggested by a permanent tariff commission, to be created by Congress and appointed by the President, which shall consist of economic, industrial and commercial experts.

Third—That it is the sense of this convention that our present tariff affords abundant opportunity for such concessions without injury to industry, trade or the wages of labor.

Fourth—That we urge action upon Congress at the earliest time possible.

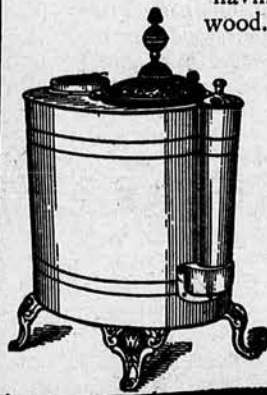
We recommend that a permanent organization be formed under the style of the American Reciprocal Tariff League; and that a committee of fifteen be appointed by the chair to have full power to organize and further prosecute the work for which the convention has assembled. Said committee shall have power to increase its membership and to fill vacancies when necessary.

Save Half Your Fuel

Just as the Wilson Hot Blast Coal Heater cuts your coal bill in two, so the Wilson Wood Heater consumes but half the wood other stoves require to heat a room. The reason is that the Wilson Wood Heater, like the Wilson Coal Heater, has the patent method of taking the draft from the top, creating the wonderful Hot Blast Down Draft. This Hot Blast Down Draft is the most perfect draft ever invented, and is only to be found in the Wilson Hot Blast Coal Heaters and Ranges and in the

WILSON Hot Blast HEATER FOR WOOD

This Hot Blast Down Draft secures perfect combustion, makes fire control easy, and *lessens the consumption of fuel*, as it burns into heat all the gases generated in the heater. In all other stoves and heaters this "gas fuel" is wasted. The Wilson Wood Heater burns chips,avings, bark, roots, corn cobs or cord wood. A fire can be started in a Wilson and be roaring in ten minutes.



If your dealer does not sell Wilson Hot Blast Soft Coal Heaters and Wilson Hot Blast Wood Heaters, write us. We will tell you where you can get them and send you a book on house heating, free.

SIMMONS HARDWARE CO.,
ST. LOUIS, MO.

Wilson Ranges are the greatest bakers
in the World.

That the chairman be requested to confer with the committee on arrangements, and the various organizations represented at this convention and take the time needed for the proper selection of suitable members.

Therefore be it Resolved: That the American Hereford Breeders' Association in annual convention assembled most heartily approves and endorses the platform of the National Reciprocity Convention, and especially the third resolution.

Resolved: That we view with alarm tariff wars with foreign countries by retaliatory schedules, thus excluding American farm products from foreign markets with disastrous results to the stockman and farmer.

Resolved: That in section 4 of the Dingley Law Congress declared its purpose to make certain concessions, not exceeding 20 per cent of the tariff schedules, whenever the President should arrange commercial treaties by and with the consent of the Senate with foreign countries:

That the defeated Kasson treaties demonstrated that commercial agreements can be arranged advantageously to this country by the abatement of from 5 per cent to 20 per cent of the rate of duty on certain foreign products, which concession section 4 fully authorized and granted for the purpose of extending our own foreign markets:

We therefore demand that Congress vitalize section 4 of that law by amending it to authorize the President to make reciprocal agreements within the limitations of this section and in accord with his own best judgment.

Resolved: That the maximum and minimum form of protective tariffs adopted by Germany, France, Russia, Italy, and Austro Hungary is a warning to this country that the policy of "give and take" must be recognized by the United States while offering foreign countries annually \$1,500,000 in value of our products.

Resolved: That we repose implicit confidence in President Roosevelt. We recognize our obligations and highly commend his efforts to enforce the laws against monopolies and to insure competition in our live-stock markets.

Resolved: That we will in our re-

spective localities bring to the notice of our Congressmen the importance to the stockmen and farmers of these matters which mean so much to our prosperity.

Resolved: That the secretary of this association be instructed to have printed 1,000 copies of these resolutions and to supply a copy to each of the 290 organizations participating in the Chicago conference, inviting their cooperation; also copies to the President and members of Congress.

ALLEN'S Best Cough Medicine
LUNG Safe, Sure, Prompt
BALSAM

FROST PROOF

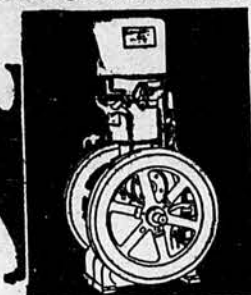
The Engine For You

Because it is the only farm power engine that will work every day in the year, regardless of weather conditions. No danger of frozen pipes or cracked cylinder. Economical because the positive governor regulates the consumption of fuel to the load attached. No filling and draining of water tank on oil cooled engine.

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are built to meet the farmer's needs. Send for our Free Book—Helpful Hints on Farm Power. It's yours for the asking. It deals with the subject from your standpoint. It will protect you from disappointment and loss no matter whose engine you buy. Write now.

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THE LARGEST AND BEST LINE OF
WELL DRILLING
MACHINERY in America. We have been making it for over 20 years. Do not buy until you see our new Illustrated Catalogue No. 41. Send for it now. It is FREE.
Austin Manufacturing Co., Chicago

In the Dairy

To Prevent Cows Kicking.

The elimination of the kicking cow from the dairy proposition of the present day is a considerable advantage. Dairy science has relegated her to history and since common-sense prohibits heifers from being "broken" to be milked there is nothing to bring her back, writes B. Walker in "Successful Farming."

The kicking cow was usually the product of the ignorance and cruelty of her master. She succeeded in making life miserable to him and in transmitting her undesirable eccentricity to her offspring.

Even after the exit of the kicking cow there are times in the best established dairies when it becomes necessary, for some purpose or reason, to confine a cow. Sometimes I have a cow whose teat or udder is injured so that it is not only exceedingly uncomfortable but painful to her in handling it. When such occasions arise I take a lug strap from a double harness and hold it with the buckle in my right hand, passing it between the cow's legs above the point of the hock and in front of the left leg. I then grasp it with the left hand and bring back around the leg to a point near the hock. The strap is then crossed twice and one end brought in front of right leg, around it and then buckled together. In this way the cow is prevented from lifting her legs more than enough to bring the foot six inches from the floor. As she is not fastened and can move about in her stall she does not become frightened. If kindly treated when so confined she soon yields and allows her udder handled even though the operation may be painful. I have successfully and satisfactorily used this scheme for a number of years. It is necessary that the milker be gentle and that the cow be sure of his good intentions from the start. The first thing for all who handle animals to learn is to control themselves. When this difficult feat is accomplished the management of the animal becomes an easy task.

Preserving Milk.

When nature instituted milk as a food she also provided the manner of supplying it in such a way that it should not be exposed, says the Rural World. The teat of the mother entered the mouth of the offspring and the food passed from one to the other without suffering external contamination. Extraneous matter attached to the outside of the teat. Human ingenuity has imitated the method, and when the scientist wants to secure milk in its natural state he inserts a sterilized glass tube into the teat and draws milk into a sterilized bottle. The point of interest to the dairy farmer is this: Milk taken from a cow by the scientists in this manner will usually keep fresh and sweet at room temperature for years when protected from later contamination.

Sharple's TUBULAR CREAM SEPARATORS

WHICH DO YOU WANT?

Tubular or Bucket Bowl?
Simple Bowl or Complicated?
Izzers or Hasbeens?
Waist Low Can or Head High Can?
Self Oiling or Oil Yourself?
Wash 3 Minutes or Wash Thirty?
All the Butter or Most All?
Best Butter or Medium Butter?

Tubulars are different, very different. Just one Tubular—the Sharple's. All others make bucket bowls—can't make Tubulars because they are patented. Ask for catalog Q-165.

THE SHARPLE'S SEPARATOR CO.
WEST CHESTER, PA.
TORONTO, CAN. CHICAGO, ILL.

From this fact the farmer can lay down all the necessary rules for the handling of his product, and all these rules can be summed up in one: Do not expose milk more than is absolutely necessary. Manifestly some exposure will take place; the farmer not only cannot do as the scientist does, but his object is not to produce sterile milk, but a marketable article that will retain its original properties for a limited period of time. In order to do this let him imitate, so far as he can the method of the scientist, and the closer he attains to this the better will be his product. But even when the milk has been exposed there remains a simple and powerful corrective. Keep milk in a low temperature. The secret of milk preservation lies in these two rules: First, expose milk as little as possible; second, keep milk at a low temperature. And it must be classed as a piece of good fortune that a food product of such value and widespread use can be maintained by the observance of so few and so simple precautions.

If the producer of milk will conduct his business with the knowledge and understanding that the cause of the physical and chemical changes in milk, and consequently a depreciation of its value, is the result of exposure to bacterial dirt, he will be forewarned and forearmed, and much better qualified to work intelligently.

Exposure to bacterial dirt is occasioned by putting milk into unclean vessels, by keeping it uncovered near unclean persons and animals, and leaving it uncovered in unclean places. Some exposure must occur in the ordinary routine. So much is granted. But this exposure can be made as slight and as harmless and as short as possible. That is, milk in its passage from cow to consumer should enter a small number of vessels, the fewer the better; the surface it touches in these vessels should be reduced as much as can be, and the openings in these vessels should be as small as the purpose allows, and provided with covers.

The Soft Cheese Secret.

Secretary Wilson and the experts in the dairy business in the dairy division of the Bureau of Animal Industry are much gratified at the success they are meeting in discovering the secrets of how to make in this country the famous soft cheeses of Europe. A million pounds a year of these cheeses are sold in the United States, whereas, according to dairy experts, the United States ought not to send a cent abroad for such a purpose. Not long ago it was announced that an excellent type of Camembert cheese had been made at the Storrs Agricultural Experiment Station in Connecticut. Now the experiments have gone far enough so that Roquefort cheese quite as good as that imported from Europe is being manufactured, and before long it is hoped other soft cheese, such as Neufchatel, Brie, Limburger, and the like, will be evolved quite as successfully.

In order to reach further perfection in the making of European soft cheeses in this country Dr. Charles Thom, one of the experts of the dairy division, who has been experimenting at Storrs, will go to Europe soon and make careful inquiry into cheesemaking methods. He will visit France and other centers of the cheese industry. Among other things he will seek specimens of the bacteria and molds used in Europe, and, if he finds any that are not known to the experts of this country, he will endeavor to introduce them on this side. Another step in the development of the cheese business is being taken under the direction of the bureau of chemistry of the department of agriculture to determine the digestibility of cheese. These experiments will be conducted at Middleton, Conn., on human beings, who will eat liberally of cheese at different stages of ripening and thus the effect on the human system will be accurately gauged.—Exchange.

BUY YOUR SEPARATOR NOW

If you have cows and haven't got a Centrifugal Cream Separator you almost certainly need one and doubtless know that you do.

If so, don't make the mistake of delaying its purchase "until spring." Buy it NOW and it will have half paid for itself by spring.

Don't let your waste of quantity and quality of butter-fat go on another six months, particularly while butter values are highest.

Buy your separator NOW, and take the first step toward making this most profitable of all farm investments by sending for a DE LAVAL catalogue at once.

THE DE LAVAL SEPARATOR CO.

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SPECIAL

OFFER, features and points of superiority found only in the SIMPLEST CREAM SEPARATOR the LOW DOWN DAVIS, with the simple three piece bowl, gearing and a low down supply tank, so constructed that there is no splashing or spilling of milk when filling. All the result of TWENTY YEARS experience in separator making and the thought of the Nine Davis Brothers, and a dozen other good points not found on other machines, with a photo of all, explained in our Dairy book. Send today for book 1 and our special introductory offer. DAVIS CREAM SEPARATOR CO. 56-60 N. Clinton St. CHICAGO, ILL.

THE CLEVELAND

is the only Ball Bearing Separator. No other can run so easy. You can try it at your home without any expense or obligation to buy. Send for the new free catalogue.

THE CLEVELAND CREAM SEPARATOR CO.,
34 Michigan St., Cleveland, Ohio.

YOUR MONEY BACK - QUICK

5 Cows and a U. S. made \$45.00 month
7 Cows but no U. S. made \$11.00 month
The U. S. makes the difference \$34.00 month

STAUNTON, ILL., SEPT. 25, 1905.

I hereby certify that on April 20th, 1903, I bought of your agent one of your No. 7 U. S. Cream Separators, and after using it for more than two years, I am more than satisfied. In 1902 I sold the milk of my seven cows to the creamery and realized from said cows an average of \$11.00 per month. From the herd in the spring of 1903 I sold two of the seven cows and milked the other five, and my income from the five cows was \$45.00 per month, a difference of \$34.00 in favor of the U. S. Separator. If necessary I will make affidavit as to this statement.

E. D. BRUCE.

Now, how quick did Mr. Bruce get his money back? Well, the extra profits alone paid for his U. S. in just about 10 weeks. Many thousands of satisfied users prove the

U. S. CREAM SEPARATOR,

(Which Holds World's Record for Close Skimming)

is the most profitable separator a farmer can buy. It does the best work the longest time with least trouble and smallest expense, and it

PAYS FOR ITSELF - QUICK

Send for free catalogue No. 550 F that tells plainly the reasons why.

VERMONT FARM MACHINE CO., Bellows Falls, Vt.
18 Distributing Warehouses throughout the United States and Canada 481



WESTERN WHEAT LANDS

10,000 acres in Hodgeman county, Kan., in solid adjoining sections. As much or as little of it as you wish at \$3 per acre, one quarter cash, balance long time and easy terms. Best possible wheat lands, smooth and fine. Come quickly and secure first choice.

5,000 acres in Hodgeman county, Kan., at from \$7 to \$15 per acre, in quantities to suit. Excellent wheat lands on easy terms.

4,480 acres smooth fine wheat lands in Hamilton county, Kansas, at \$550 per quarter, upon easy terms.

20,000 acres good wheat and farming lands in Hamilton county, Kansas at \$3 per acre, in large or small tracts, on easy terms.

All of these lands are selling rapidly. Do not delay if you would secure a bargain.

GEO. M. NOBLE & CO., REAL ESTATE SELLERS,
435 KANSAS AVE. (OPPOSITE POSTOFFICE) TOPEKA, KAN.

AMERICAN ROYAL SHOW
AWARDS.

(Continued from page 1081.)

Belgians.

Stallion, 4 years old and over—First to Crouch & Son, on Trappiste; second to McLaughlin Bros., on Rostan; third to Henry Lefebure, on Ravachol; fourth to Crouch & Son, on Carnot.
Stallion, 3 years old and under 4—To Crouch & Son, on Mon Sauhait.
Stallion, 2 years old and under 3—First to J. Crouch & Son, on Etolle du Nord; second to same, on Cinq Mars; third to H. A. Briggs, on Champagne de Berthem; fourth to Henry Lefebure, on Brilliant 3d; fifth to same, on Hercule.

Four animals, any age, get of one sire—To Henry Lefebure, on get of Brilliant.
Best American bred stallion—To Henry Lefebure, on Brilliant 3d.
Champion mare, any age—To Henry Lefebure, on Liza.
Group of 4 stallions—To Crouch & Son.
Best mare bred by exhibitor—To Henry Lefebure, on Jeanette.

Belgian Specials.

Special, Class B—Stallion, 2 years old and under 3—First to Crouch & Son, on Fottolle du Nord; second to same, on Cinq Mars; third to H. A. Briggs, on Champagne de Berthem; fourth to H. Lefebure, on Brilliant 3d; fifth to same, on Hercule.

Mare, 4 years old or over—First to Henry Lefebure, on Finette; second to same, on Mignonne.

Mare, 1 year old and under 2—First to Henry Lefebure, on Josette; second to same, on Maryette.

Group of 5 stallions, property of exhibitor—To same.

Group of 3 mares, property of one exhibitor—First to Henry Lefebure, on Finette, Martine, and Liza.

Clydes and Shires.

Stallion, 3 years old and under 4—First to McLaughlin Bros., on Uncle Robert; second to Watson, Woods Bros. & Kelly, on Bladen Surprise; third to G. T. Soderberg, on Captor.

Stallion, 4 years old and over—First to A. G. Soderberg, on Baron's Hope; second to McLaughlin Bros., on Barometer; third to same, on Roosevelt.

Stallion, 2 years old and under 3—First to A. G. Soderberg, on Tartan; second, third and fourth to Watson, Woods Bros. & Kelly.

Special, 4 years old and over—First to Watson, Woods Bros. & Kelly, on British Ensign; second to same, on Extra Special; third to same, on Nailstone Sidar.

Champion stallion, any age—To A. G. Soderberg, on Bramhope Dolphin.
Champion mare, any age—To A. G. Soderberg, on Osco Gorey.

MULE AWARDS.

Mules, 4 years old and over—First to Robinson Bros., Kansas City, Mo., on Maud; second to W. A. Elgin, Plattsburg, Mo., on Betsy; third to M. Pyle, Emporia, Kans., on Kansas.
Mules, 3 years old and under 4—First, second and third to M. Pyle.
Sweepstakes, any age—First to W. A. Elgin, on Topsy; second to M. Pyle.
Best pair mules, any age, in harness—First to W. A. Elgin; second to M. Pyle. These horse and mule awards made Thursday night.

SWINE AWARDS.

Ohio Improved Chester Whites.

Aged boar—To Alvey Bros., Argentine, Kans.
Boar, 6 months old and under 12—First to Alvey Bros.; second to King & Dockum.
Boar, under 6 months—First to Alvey Bros.; second to L. Pembleton.

Champion boar—To Alvey Bros.
Aged sow—To Alvey Bros.
Sow, 12 months and under 24—To Alvey Bros.
Sow, 6 months and under 12—First and second to King & Dockum.
Sow, under 6 months—First to Alvey Bros.; second to L. Pembleton.
Champion sow—To Alvey Bros.
Boar and 3 sows, under 12 months—First to King & Dockum; second to Alvey Bros.
Four pigs, under 6 months, produce of same sow—First to Alvey Bros; second to same.
Four swine, get of same boar, bred by exhibitor—First to Alvey Bros; second to King & Dockum.

Duroc-Jerseys.

Boar, 12 months old and under 24—First to McFarland Bros.; second to W. W. Wilcox.
Boar, under 6 months—First to Mc-

of same sow—To A. H. Kemp.
Four swine, get of same boar, and bred by exhibitor—First to McFarland Bros.; second to W. W. Wilcox.

Berkshires.

Boar, 12 months old and under 24—To James Qurollo.
Boar, 6 months old and under 12—First and second to James Qurollo.
Boar, under 6 months—To James Qurollo.
Champion boar—To James Qurollo.
Four pigs, under 6 months, produce of same sow—To James Qurollo.
Four swine, get of same boar, bred by exhibitor—To James Qurollo.

Poland-Chinas.

Aged boars—First to J. H. Saville & Son; second to Thos. R. Link.
Boars, 1 year old and under 2—First to J. H. Roberts; second to J. H. Saville & Son.

First to J. H. Saville & Son; second to H. G. Roberts.

Boar and 3 sows, under 12 months—First to Thos. R. Link; second to H. G. Roberts.

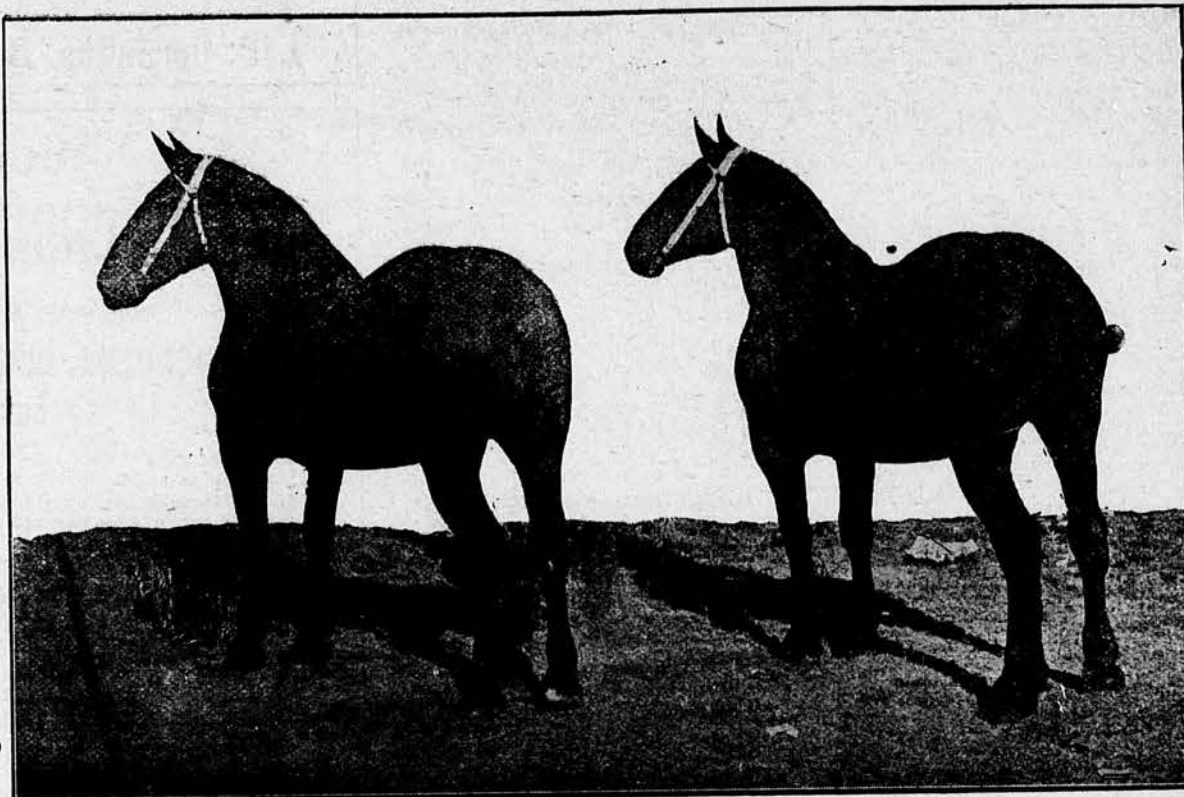
Four pigs, under 6 months, produce of same sow—First to H. G. Roberts.
Four swine, get of same boar, bred by exhibitor—First to J. H. Saville & Son; second to H. G. Roberts.

SALES.

Shorthorns.

COWS.

Lilac Bloom, 3 years, to S. N. Barranger, Coffeyville, Kans., \$325.
Violet Rose, 2 years, to W. A. Betteridge, Pilot Grove, Mo., \$280.
Sweet Charity 8th, 7 years, to C. M. Garver, Abilene, Kans., \$265.
Queen of Iowa 2d, 5 years, to W. A. Betteridge, \$305.



MINA 31721 AND LENA 40417.

The undefeated pair of Percheron mares. Winners of first and third at the World's Fair and first and second at the American Royal, besides being of the first prize group of 5 mares and winning first on best pair Registered Mares in harness in the Percheron Specials. Property of Henry Avery & Son, Wakefield, Kans.

Farland Bros.; second to W. W. Wilcox; third to same.
Champion boar—To McFarland Bros.
Aged sow—To McFarland Bros.
Sow, 12 months old and under 24—First and second to McFarland Bros.
Sow, 6 months and under 12—First to McFarland Bros.; second to A. H. Kemp.
Sow, under 6 months—First to McFarland Bros.; second to A. H. Kemp; third to McFarland Bros.
Champion sow—To McFarland Bros.
Boar and 3 sows, over 12 months—To McFarland Bros.
Boar and 3 sows, under 12 months—First to McFarland Bros.; second to A. H. Kemp.
Four pigs, under 6 months, produce

Boars, 6 months old and under 12—First to J. H. Saville & Son; second to H. G. Roberts.
Boars, under 6 months—First to H. G. Roberts; second, none shown.
Sows, 2 years old and over—First to J. H. Saville & Son; second to Thos. R. Link.
Sows, 12 months and under 24—First to H. G. Roberts; second to same.
Sows, 6 months and under 12—First to Thos. R. Link; second to same.
Sows, under 6 months—First to H. G. Roberts; second to same.
Champion boars—First to H. G. Roberts.
Champion sow—First to J. H. Saville & Son.
Boar and 3 sows, over 12 months—

Thessaly, 1 year, to J. F. Stodder, Burden, Kans., \$215.
Secrecy, 5 years, W. R. Wilson, Arispe, Ia., \$225.
Maple Golden Drop, 2 years, J. H. Miller, Peru, Ind., \$300.
Victoria, 2 years, to W. A. Betteridge, \$250.
Butterfly Beauty 3d, 2 years, J. H. Miller, \$305.
Park Violet 3d, 1 year, to J. P. Newell, Carthage, Mo., \$205.
Imp. Davbreak Princess, 4 years, to William Smiley, Macom, Ia., \$305.
Mount Vernon Aconite, 3 years, to J. P. Newell, \$235.
Flora Aberdeen, 5 years, to J. P. Newell, \$210.
Victoria's choice, 2 years, to J. H. Miller, \$525.

TO THOSE WHO DAIRY FOR PROFIT:

ARE YOU PERFECTLY SATISFIED?

Are you getting the highest price for your cream, or do you know?

Do you remember your surprise at the sudden jump in the price of butter fat a few years ago?

Do you remember that the cause of this was the **SYSTEM WE INAUGURATED?**

We are still on the same system, and with each succeeding day our facilities are improved, we can handle the raw material cheaper and we have a better market. The benefit from this is yours.

Write us and let us help you. Ship us a can of Cream and get all there is in it.

Special Offer: While They Last We Will Sell You

A Good 300 lb. an hour Separator for \$50

A Good 500 lb. an hour Separator for \$70

A Cheap Separator for \$20

A First Class \$10 Separator Foot Power for \$6.00

If this offer is attractive, you had better write at once.

Yours respectfully,

BLUE VALLEY CREAMERY CO.,

ST. JOSEPH, MISSOURI.

Baron Viscount 242294, 1 year, to Joe Green & Co., Gregory, Tex., \$700.
Messala 241044, 1 year, to F. G. Oxier, Ft. Worth, Tex., \$330.
Moss Rose 5th, 3 years, to J. H. Miller, \$240.
Lady Berkley 7th, 3 years, to C. M. Garver, \$145.
Lyda Sharon, 5 years, to C. M. Garver, \$115.
Duchess 3d, 6 years, to W. T. Dixon, Carbondale, Kans., \$160.
Melvina, 6 years, to Mark Buckner, Greenfield, Mo., \$200.
Josie Miller, 5 years, to Mark Buckner, \$150.
Red Beauty, 3 years, to W. R. Willson, \$130.
Eulalia, 10th, 2 years, to W. A. McMahan, Walnut Grove, Mo., \$125.
Kate Ramsden 7th, 1 year, to J. P. Newell, \$70.
Penelope, 4 years, to C. M. Garver, \$155.
Queen Aylesby 2d, 4 years, to H. M. Hill, \$190.
Vesta Maple, 2 years, to W. R. Willson, \$250.
Mt. Vernon Viscountess, 2 years, to W. A. McMahan, Walnut Grove, Mo., \$305.
Lovely Kirklevington, 2 years, to L. J. Hitchcock, Falls City, Neb., \$100.
12th Elderlawn Mary, 2 years, to T. K. Tomson & Sons, Dover, Kans., \$145.
Kirklevington Princess, 7 years, to H. M. Hill, \$140.
Second Lady Maud, 6 years, to C. M. Garver, \$100.
Wild Eyes Duchess 7th, 3 years, to W. A. McMahan, \$245.

BULLS.

King Archer 241722, 1 year, H. M. Hill, LaFontaine, Kans., \$300.
Golden Magnet 238688, 1 year, B. F. Winn, Edgerton, Mo., \$405.
The Professor 172332, 5 years, to J. H. Miller, \$625.
Orange Commander 220590, 2 years, to H. W. McAfee, Topeka, Kans., \$500.
Lachlan of Orange 242309, 11 months, to E. B. Grant, Emporia, Kans., \$180.
Headlight 2d 243305, 1 year, to C. W. Taylor, Pearl, Kans., \$230.
Clover Blossom's Pride 191237, 3 years, to A. Block, Archer, Mo., \$135.
Doctor Archer 217445, 1 year, to J. L. Miller, Muscatine, Kans., \$210.
President's Lancaster 24471, 1 year, to Tooley Bros., Monroe City, Mo., \$215.
Poppy 105th, 2 years, to J. H. Miller, \$215.
Golden Lad 239356, 1 year, W. R. Robinson, Springfield, Mo., \$90.
Imp. Rowan, 7 years, to A. B. Mull, Iola, Kans., \$220.
Victor Liverpool 243584, 2 years, to F. P. Cook, Beloit, Kans., \$130.
Maple Hill Gazelle 9th, 2 years, to E. B. Mickener, Beloit, Kans., \$120.
Kirklevington Countess 14th, 5 years, to C. M. Garver, \$240.
Orange Victor 244222, 1 year, to Joe Green & Co., \$160.
Curley King 237704, 1 year, to B. Bradford, Perry, Kans., \$100.
Laura Burdette, 2 years, to J. P. Newell, \$150.
Lucy Jane 8th, 3 years, to S. S. Tillery, Humesville, Mo., \$185.
Penelope, 5 years, to George Manville, Dearborn, Mo., \$175.
Eim Grove Ruby 3d, 1 year, to Mark Buckner, \$130.
Sharon Duchess, 7 years, to E. B. Michener, \$100.

SUMMARY.

16 bulls brought, \$ 4,525 Average, \$232.51
40 females brought, \$ 8,245 Average, 206.12
56 head brought, 12,770 Average, 228.04

Herefords.

COWS.

Beatrice 163000, 6 years, Wm. Hall, Vinita, I. T., \$150.
Dawn 17851, one year, Cargill & McMillan, La Crosse, Wis., \$205.
Beale 17th 189213, one year, Warren Landers, Savannah, Mo., \$255.
Armour Sun Glow 15955, 2 years, Stanton Breeding Farm Co., Stanton, Neb., \$150.
Moss Rose 179434, 2 years, Bert M. Barnard, Gallatin, Mo., \$90.
Patricia 203530, one year, Dr. T. F. De Witt, Colorado Springs, Colo., \$160.
Rosie O'Grady 160208, 2 years, W. H. Johnson, Frankfort, Kans., \$135.
Carrine 170344, 2 years, Wm. Dickhut, Bowen, Ill., \$120.
Matilda 108931, 5 years, Bert M. Barnard, \$150.
Ladybird 188082, one year, Ed. Rice, Vine, Kans., \$100.
Lila D. 83584, 7 years, M. T. Farris, Winchester, Kans., \$155.
Mabel 185224, 2 years, Wm. Dickhut, \$75.
Pearl 188386, 6 years, E. R. Morgan, Blue Rapids, Kans., \$155.
Princess May 3d 165746, 2 years, N. R. Barnett, Gallatin, Mo., \$235.
Bessie 100991, 6 years, Wm. Dickhut, \$160.
Peaceful 203531, one year, W. H. Johnson, \$135.
Nancy 170349, 2 years, E. A. Packard, Naco, Ariz., \$160.
Charming Lass 191222, 1 year, C. C. Sanders, Hereford, Tex., \$100.
Miss Dandy Rex 163747, 3 years, W. H. Johnson, \$125.
Royal Lass 178243, 1 year, Ed. Rice, \$70.
Miss Lou 3d 191202, 1 year, C. L. Browning, Liberty, Mo., \$75.
Primrose 162784, 6 years, E. R. Morgan, \$215.
Dulcinea 12th 194322, 2 years, Cargill & McMillan, \$305.
Lady Bloom 2d 121323, 4 years, W. H. Johnson, \$200.
Cloverdale 156502, 2 years, L. B. Breese, Ellendale, Kans., \$140.
Donna Gray 160205, 2 years, Bert M. Barnett, \$105.
Miss Bountiful 170348, 2 years, W. H. Johnson, \$120.
Lovely Countess 182326, 1 year, J. S. Sample, Luray, Mo., \$90.
May Queen 185228, 1 year, John Muselman, Gallatin, Mo., \$80.
May Vannatta 189970, 1 year, Ed. Rice, \$145.

BULLS.

Mandarm's Anxiety 197226, 1 year, R. C. Wilson, Amarillo, Tex., \$100.
Beau Donald 74th 187360, 1 year, F. A. Weiss, Brewer, Mo., \$205.
Principate 159457, 3 years, Messrs. Adair, Paladaro, Tex., \$305.
Ever True 203525, 1 year, A. M. Miller, Davenport, Neb., \$125.
Columbus F. 172966, 2 years, Wirt & Downing, Clarke, Mo., \$400.

Charming Lad 5th 191221, 1 year, Charley Bellau, Heston, Kans., \$125.
Beau Goldfinch 178239, 1 year, Lewis Cawman, Lost Springs, Kans.
Shadeland Anxiety 189981, 1 year, H. J. Hegg, Lee, Ill., \$295.
Erhrig's Lad 137250, 4 years, Ed. Rice, \$300.
Curly Boy 203878, 1 year, Messrs. Adair, \$300.
Fair Lad E. 167739, 3 years, A. B. Jones, Big Springs, Tex., \$700.
Beau Donald 79th 190136, 1 year, Col. In Cameron, Lochiel, Ariz., \$230.
Onward 18th 151570, 3 years, E. R. Morgan, \$1,400.
Winchester 217365, 1 year, Colin Cameron, \$215.
Advance 197900, 2 years, S. P. Johnson, Belle Fourche, S. D., \$145.
Emporia 162442, 2 years, A. G. Wyatt, Grainfield, Kans., \$160.
Donald Hugh 180589, 2 years, Geo. G. Annan, Clarinda, Ia., \$140.
Lord Columbus 208678, 1 year, Colin Cameron, \$280.
Model 207316, 1 year, Colin Cameron, \$145.
Modest Keep On 188084, 1 year, T. A. Baker, Ottawa, Kans., \$435.
Beau Ideal 161758, 2 years, W. L. Curtis, Hume, Mo., \$390.
Talcum 185233, 2 years, Isaac Strode, Culver, Kans., \$105.
Beau Donald 85th 214945, 1 year, Colin Cameron, \$200.
Onward 41st 201285, 10 months, Colin Cameron, \$530.
Lambert 188676, 1 year, S. B. Hayzlett, Graham, Mo., \$185.
Fenwick 203527, 1 year, Geo. E. Darwin, Virginia, Neb., \$145.
Tranquil 203532, 1 year, John Garuch, Lamoni, Ia., \$115.

SUMMARY.

30 females brought, \$ 4,360.00
Average, 145.34
27 bulls brought, 7,910.00
Average, 292.59
57 head brought, 12,270.00
Average, 215.26

Galloways.

FEMALES.

Carmen of Meadow Lawn 21301, 3 years, J. M. Hill, Halstead, Kans., \$400.
Imp. Vanity 19294, 5 years, O. E. Matson, Furley, Kans., \$120.
Inex Byrd 17064 and calf, 5 years, O. E. Matson, \$210.
Queen Prairie 16232, 6 years, O. E. Matson, \$160.
Nora of Elmiland 15550 and calf, 6 years, J. W. Athey, Brownell, Kans., \$135.
Loreno 16980 and calf, 6 years, Chris Rasmus, Bunceton, Mo., \$80.
Queen Bess 2d 24821, 2 years, M. H. Losee, Kansas City, Mo., \$70.
Ora of Wildwood 24999, 2 years, J. M. Hill, Halstead, Kans., \$55.
Destiny 24792, 2 years, O. E. Matson, \$115.
Belle of Hinkston 16352 and calf, 10 years, Chris Rasmus, \$80.
Chloe Favorite 20113, 4 years, T. J. Smith, Valley Center, Kans., \$75.
Grace of Brookside 10th 18518, 5 years, M. H. Losee, Kansas City, Mo., \$100.
Imp. Mary Roberts 2d 21219, 5 years, J. M. Hill, \$120.
Lucerne of Wavertree 15049, 6 years, Andrew Boss, St. Paul, Minn., \$85.
Mary 2d of Wildwood 24582, 2 years, W. L. Welch, Sumner, Mo., \$70.
Thelma of Stockport 24861, 1 year, George Bernard, Eastonville, Col., \$85.
Dreamy 27092, 2 years, M. H. Losee, \$60.
Wildy 16360 and calf, 8 years, James Cleary, Norborne, Mo., \$100.
Pride's Lassie 21365, 3 years, George Bernard, \$80.
Michigan's Lassie 27112, 1 year, George Bernard, \$70.
Gauget 2d of Meadow Lawn 23102, 2 years, T. J. Smith, \$125.
Lady Douglas 2d 23104, 2 years, Felix Wilds, Cowgill, Mo., \$130.
Daffodil 24795, 2 years, George Bernard, \$85.
Lutie 2d of Wildwood 24581, 2 years, R. W. Samson, Quinter, Kans., \$50.
Lella 18737 and calf, 5 years, R. W. Samson, \$75.
Dandy M. 2d 20660 and calf, 4 years, Earl Hunt, Quindaro, Kans., \$80.
Amie of Hope, 23302, 2 years, C. E. Talley, Mead, Kans., \$80.
Agnes of Meadow Lawn, 24816, 2 years, C. E. Talley, \$75.
Seurele of Hinkston 18740 and calf, 5 years, J. W. Baddoff, Wellsville, Kans., \$75.
Fedora 24706, 2 years, George Bernard, \$100.
Lucerne 24868, 2 years, J. M. Hill, \$70.
Isabelle 1st 27168, 1 year, C. E. Talley, \$55.
Jane 5th of Wildwood 24579, 2 years, C. E. Talley, \$60.

Shorthorn and Herford Cattle

AT BLACKWELL, OKLA., NOV. 11, 1905.

40 Shorthorns, J. P. Cornelius, Braman, Okla., sells 6 young bulls, 3 cows and 6 heifers from his Fairholme Herd; T. E. Kanfold, Blackwell, Okla., 3 yearling bulls, the Cruickshank Herd Bull, 188th Duke of Wildwood, and 12 cows and heifers from Glendale Herd; Chas. Cornelius, Blackwell, Okla., 3 young bulls and 1 heifer; Richard Farrah, 1 young bull; Henry Burline, Caldwell, Kans., 2 young bulls; W. A. Jeffries, Blackwell, Okla., 1 young bull; Grant Shoemaker, Braman, Okla., 1 young bull. 16 Herefords, 8 cows and heifers and 8 young bulls; G. L. Rheinhardt, Hunnewell, Kans., 1 cow, 4 heifers, and 5 bulls; Thomas Brothers, Tonkawa, Okla., 2 heifers and 2 bulls; A. S. Gilbert, Ponca City, 1 bull.

Auctioneers: Lefe Burger, Wellington; John D. Snyder, Winfield, Kans.; Al Savage, Blackwell.

Send to

J. P. Cornelius, Braman, Okla., for Catalogue.

Auction Sale of

POLAND-CHINAS AND HEREFORDS.

Sale will be held at the farm, 3 miles south and one-half mile west of

BENDENA, DONIPHAN COUNTY, KANSAS,

OCTOBER 30, 1905.

The offering consists of 60 Poland-Chinas, comprising 5 yearling boars, 10 yearling gilts, 25 spring boars, and 20 spring gilts, sired by Hadley's Pride, Perfection Yet, and Perfection Corrector.

Will sell 4 Registered Hereford Bulls, the get of Hesiod 87th. Will meet all Rock Island trains. For further particulars address,

KLAUS BROTHERS, BENDENA, KANSAS.

Col. J. W. Sparks, Auctioneer

Combination Sale of Shorthorn and Hereford Cattle

AT

Longnecker's Barn, W. Douglass Ave.,

WICHITA, KANS., NOVEMBER 10, 1905.

50-HEAD-50

W. H. Ransom, North Wichita, sells 10 Shorthorns; all cows well along in calf.

H. M. Hill, LaFontaine, 25 Shorthorns.

Clark & Clark and D. M. Clark, Fredonia, 2 Shorthorns each.

H. E. Bachelder, Fredonia, 10 Shorthorns and Herefords.

Nearly all of the above offerings are cows and heifers bred to choice Scotch bulls.

Auctioneers: R. L. Harriman, Bunceton, Mo.; E. F. Potter, Sterling, Kans.

Send for catalogue.

H. E. Bachelder, Manager, - - Fredonia, Kans.

Moore's Car-Sul Dip

For Hogs, Cattle, Sheep and All Kinds of Live Stock.

Positively guaranteed to kill lice and ticks, cure mange, canker, ringworm and all parasitic skin diseases, without injury to eyes, skin or hair. Unequalled for healing cuts, galls, wounds or sores, and for the prevention of disease. Our guarantee means exactly what it says: If Car-Sul in cans sealed with our label, fails when used according to the simple directions

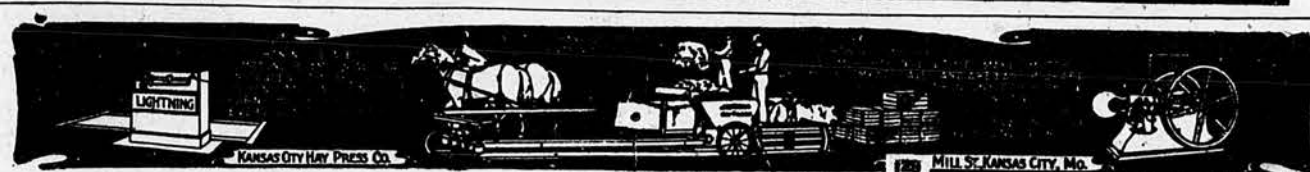
YOU GET YOUR MONEY BACK.

Car-Sul is used and endorsed by leading breeders, stockmen and farmers everywhere. Don't take an inferior imitation; save money, time and labor by using Car-Sul, the guaranteed dip; made by the originators of the hog dipping tank. Without question the strongest and most economical.

Trial gal. \$1.50 at dealers or direct, express prepaid. Five gal. can \$6 freight prepaid.

Send for Free Book—"Facts for Stockmen," full of suggestions and price list of dipping tanks.

MOORE CHEMICAL & MANUFACTURING CO., 1503 Genesee St., Kansas City, Mo.



Jess of Castlemilk 11633 and calf, 9 years, Chris Rasmus, \$95.
 Kathleen Miss 16196 and calf, 9 years, E. H. Brown, Hillsboro, Ia., \$90.
 Madeline of Hinkston 18743 and calf, 5 years, J. T. Tinkler, Gypsum, Kans., \$80.
 Neva of Hinkston 18739 and calf, 4 years, R. W. Samson, Quinter, Kans., \$85.
 Mollie M. 22485 and calf, 4 years, John Vest, Wakeeney, Kans., \$60.

BULLS.

Gaston 2d 25193, E. A. Wuschied, St. George, Kans., \$100.
 Johnnie Seal 23430, 3 years, L. W. Markham, Lamar, Col., \$150.
 Valley Bill 23664, 2 years, L. W. Markham, \$80.
 Young McKay 24829, 2 years, J. P. Joel, Canon City, Tex., \$195.
 Mackenzie of Scroggishall 24472, 1 year, Henry Straub, St. George, Kans., \$150.
 Bob 17580, 5 years, M. H. Losee, \$105.
 Fortune Still 22735, 3 years, L. W. Markham, \$125.
 Black Joe 3d 24711, 1 year, William Eckert, Parkville, Mo., \$100.
 Randolph Duke 25015, 2 years, E. A. Umpscheld, St. George, Kans., \$130.
 Starlight 2d of Tarbreoch 24473, 1 year, P. Grace, Rosedale, Ia., \$165.
 Bob C. F. Wildwood 25310, 2 years, J. W. Athey, \$110.
 Royal McDougall 27123, 1 year, Geo. Bernard, \$150.
 Young Worthy 24825, 1 year, James Meserve, Smoky Hill, Kans., \$150.
 Hubert's Perfection 25148, 1 year, C. E. Talley, \$45.
 Randolph Chief 25016, 2 years, L. W. Markham, \$140.
 Epigram 26895, 1 year, James E. Tinkler, Gypsum, Kans., \$60.
 Rainy Day 26200, 1 year, C. E. Talley, \$50.
 Roscoe of Atlanta 25096, 2 years, C. E. Talley, \$60.
 Doctor of Wellwood 25002, 2 years, L. W. Markham, \$75.
 Ralph of Atlanta 25094, 2 years, C. E. Talley, \$50.

SUMMARY.

38 females brought.....\$3,740
 Average.....98
 58 head brought.....5,930
 Average.....102
 20 bulls brought.....2,180
 Average.....104

Aberdeen-Angus.

BULLS.

Duke of Cityside 81442, 1 year, Geo. Hall, Russell, Kans., \$85.
 Victor of Highlawn 83699, calf, G. B. Allen, Mead, Kans., \$55.
 Duke of Highlawn 83696, calf, R. D. Carpenter, Hartford, Kans., \$85.
 Archer of Highlawn 83698, calf, R. S. Williams, Liberty, Mo., \$90.
 Helmet 3d 70974, 2 years, G. B. Allen, \$225.
 Sweetheart's Pride 83335, calf, W. R. Slaughter, Salisbury, Mo., \$140.
 Maplehurst King 2d 53917, 3 years, G. B. Allen, \$120.
 Bob Bass 79603, 1 year, J. W. Allison, Anadarko, Okla., \$80.
 Captain of High Lawn 83697, calf, J. R. Ferguson, Tibbetts, Mo., \$90.

COWS.

Allie Blackwood 44591, 5 years, G. B. Allen, \$120.
 Maplehurst Queen 8th 53919, 3 years, T. F. Morris, Stanberry, Mo., \$75.

Rosette Seeley 2d 40105, 5 years, T. F. Morris, \$75.
 Net Nosegay of Swan Lake 35720, 6 years, C. E. Sutton, Russell, Kan., \$55.
 Grapewood Clatho 72593, 1 year, C. E. Sutton, \$145.
 Bluegrass Ridge Lillie 63724, 2 years, J. Auracher, Shenandoah, Ia., \$75.
 Jilt 17th 41592 and calf, 5 years, C. E. Sutton, \$135.
 Warner Queen 53298, 4 years, Frank B. Hammer, Stanberry, Mo., \$55.
 Bess of Cityside 68096, 2 years, W. C. Jeffries, Odessa, Mo., \$65.
 Mignonette 8th 24687, 10 years, Charles Sutton, \$100.
 True Pride 2d 65299, 2 years, P. L. Culver, Edgerton, Mo., \$105.
 Ara 19891, 2 years, J. W. Allison, Anadarko, Okla., \$60.
 Princess Iola 48181, 4 years, W. A. Holt, Savannah, Mo., \$100.
 Carlotta Seeley 2d 40192, 5 years, R. H. Goodbar, Gallatin, Mo., \$110.
 Seeley Florence 33865 and calf, 6 years, J. F. Shaw, Lexington, Mo., \$85.
 Alva of LaCrew 2d 52018, 3 years, P. L. Culver, Edgerton, Mo., \$125.
 Williamsdale Silvergirl 38186 and calf, 9 years, J. W. Martin, Odessa, Mo., \$95.
 Williamsdale Irene 33089 and calf, 7 years, W. C. Jeffries, Odessa, Mo., \$90.
 Pride of Aberdeen 63d 86763, 6 years, John S. Goodwin, Chicago, \$205.
 Violet Martin 65377 and calf, 2 years, Geo. Kitchen, Jr., Gower, Mo., \$170.
 True Pride 34626, 7 years, L. Catterson, Marysville, Mo., \$110.
 Rosette of High Lawn 83700, calf, Homer Catterson, Marysville, Ind., \$90.
 Rose of Glendale 18936, 12 years, Charles Sutton, \$65.
 Cloverdale Mignonette, 4 years, P. L. Culver, \$150.
 Clover Lawn Favorite 52504, 3 years, W. O. Murrill, Kansas City, Mo., \$65.
 Hickory Hill Carrie 42907, 5 years, C. A. Binney, Alta, Ia., \$85.
 Nettle of Cityside 2d 22840, 10 years, R. D. Carpenter, \$50.
 Warner Daisy 64860, 2 years, James Shurt, Lawrence, Kans., \$55.
 Abess of Estill 19536, 12 years, John T. Lee, Estill, Mo., \$100.
 Jennie's Duchess 5th 54330, 3 years, John T. Lee, \$90.
 Drusilla 64346 and calf, 2 years, J. R. Webb, Norborne, Mo., \$90.
 Isabell 5th of Swan Lake 20943 and calf, 11 years, George Mason, Kansas City, Mo., \$75.
 Lady Wexford 66142, 3 years, G. B. Allen, \$70.
 Ido of Cityside 63095, 2 years, Frank Hammer, Stanberry, Mo., \$57.50.
 Maple Twig Mettie 70284, 2 years, Frank Hammer, \$57.50.
 La France 56691, 3 years, R. D. Carpenter, \$185.
 Mina Williams 40801, 5 years, R. D. Carpenter, \$100.
 Jewel of Alta 2d 76357, 1 year, A. C. Binney, \$295.
 Mina 9th of Pope River 24406, 9 years, R. D. Carpenter, \$80.
 Mina 2d of Cherokee 38902 and calf, 6 years, T. C. McDonald, Princeton, Mo., \$155.
 Hattie Blackwood 32362, 7 years, George Kitchen, Jr., \$150.
 Princess Seeley 2d 52017 and calf, 4 years, James Short, \$100.
 Roses Folly of Osborne 46446 and calf, 4 years, Culver, \$150.

SUMMARY.

9 bulls brought \$ 970.00 Average \$107.77
 43 cows brought 4,470.00 Average 103.95
 52 head brought 5,440.00 Average 104.61

Publisher's Paragraphs.

W. B. Kraft, of Sumner County, desires to find a market for about eighty bushels of pop-corn. Who wants it?

Special Want Column

"Wanted," "For Sale," "For Exchange," and small want or special advertisements for short time will be inserted in this column without display for 10 cents per line of seven words or less per week. Initials or a number counted as one word. No order accepted for less than \$1.00.

CATTLE.

FOR SALE—Red registered Shorthorn bulls, 11 to 15 months. Must have room for younger stuff. Price right. F. H. Foster, Route 6, Box 18, Lyons, Kans.

FOR SALE—Red Polled Cattle, both sexes, half brothers and sisters to Worlds Fair winners. Buy while they can be shipped in crate and save freight. D. F. VanBuskirk, Blumound, Kans.

FOR SALE—20 Jersey and a few grade Holstein cows. These cows are young and from good families. Price, \$40. F. D. Wiggins, Route 1, Lawrence Kans.

TWENTY-EIGHT high-class dairy cows, at public sale, on Wednesday, November 1, 1905, at the Burton Dairy Farm on Seward Avenue, half a mile East of the Santa Fe shops, Topeka, Kans.

FOR SALE—One Polled-Durham bull, weight 2,100 pounds, got by Duke of Rose Pomona 2d 118987, out of Lynette. Basye & Abston, Coats, Kans.

HOLSTEINS—Mr. Dairyman! Your herd did not average over 3,000 pounds of milk a head last year. If you use a Holstein bull, the heifers will beat that with the first calf, and you can quickly grade up to double that average. I would like to sell you a bull calf. H. B. Cowles, Topeka, Kans.

FOR SALE—10 Registered Galloway bulls, cheap. J. A. Darrow, Route 2, Miltonvale, Kans.

FOR SALE CHEAP—A young royal bred Holstein-Friesian bull by J. P. Mast, Scranton, Kans.

FOR SALE—Eight good, registered Shorthorn bulls, four straight Cruickshank, good ones, and prices right. H. W. McAfee, Station C, Topeka, Kans.

FOR SALE—One straight Cruickshank bull, 14-months-old, dark red, extra good animal. H. W. McAfee, Topeka, Kans.

REGISTERED GUERNSEY BULLS—Ready for service. Also pure-bred Scotch Collie puppies. Dr. J. W. Perkins 422 Altman Bld., Kansas City, Mo.

FOR SALE—Registered Jersey cattle. Two yearling bulls. Sires. A son of Bessie Lewis, 32 lbs. butter 7 days, and "Financial Count" (Imported) grand dam held Island butter record 3 years. Sire's dam holds public milk record of 58 pounds daily, and his dam and Island winner in class for 2 years. Her 4 dams 22 to 28 quart cows, and all winners. Sayda Polo Jersey Farm, Parsons, Kans.

RED POLLS—6 pure bred Red Polled bull calves rom 5 to 7 months old. Also two excellent yearling bulls. Write for prices and full description, or visit us. CHARLES FOSTER & SON, Butler Co. R F D. 4. El Dorado, Kansas

SWINE.

FOR SALE—Say! I have some fine, big-boned, broad-backed Berkshires, brood sows or pigs. Want some? Write me; turkeys all sold. E. M. Melville, Eudora, Kans.

FORTY registered Duroc-Jersey hogs on Wednesday, November 1, 1905, at the Burton Dairy Farm, half a mile East of the Santa Fe shops, Topeka, Kans.

Oct. 28, 1905—Duroc-Jersey Swine and Shorthorn Cattle at Paola, Kans. J. F. Staadt, Ottawa, Kans.

FOR SALE—Three Poland-China boars ready for use. Pedigreed. H. W. McAfee, Topeka, Kans.

HORSES.

FOR SALE—The best seven-eighths black Percheron colt I ever saw, coming 2 years old; also other good ones and some fillies. F. H. Foster, Route 6, Box 18, Lyons, Kans.

FOR SALE—24 head of yearling and sucking mules. Address R. B. Irwin, Modoc, Scott Co., Kas

FOR SALE. One Black Percheron Stallion, three years old weight 2,100 lbs.; good bone quality and good disposition. Will sell cheap if taken soon. Imported in October, 1904. A. C. HAWORTH, Lewis, Iowa.

FOR SALE or trade, one large, black jack, 16½ hands high, weight 1150 lbs. Sure foal getter; also one trotting stallion, sure breeder. Thos. Brown, Palmer, Kansas.

FOR SALE—One black Percheron stallion, 3-years old, weight 2100 lbs., good bone quality and good disposition. Will sell cheap if taken soon. Imported in October 1904. A. C. HAWORTH, Lewis, Iowa.

LOST OR STRAYED—Brown mare, weight 1100 pounds, white spot in forehead, barb wire cut on side, somewhat away backed. Suitable reward for return. J. W. Gillard, 836 Highland ave., Topeka.

POULTRY.

S. C. BUFF LEHIGH COCKERELS—Pure-bred at \$1 if taken soon. J. A. Reed, Route 3, Wakefield, Kans.

SEEDS AND PLANTS.

Pure English Blue Grass Seed. One thousand bushels of FANCY English Blue Grass, Strictly Clean. \$6.00 per hundred pounds or \$1.25 per bushell f. o. b. Independence Kansas. No charge for sacks. Send for sample. UNION IMPLEMENT & HARDWARE CO.

Stray List

Meade County—D. P. Wynson, Clerk. HORSES—Taken up by W. W. Ward, in Mertella tp., one 4-year-old bay gelding, left hind foot is white; one 7-year-old brown gelding, flying X on left thigh; also one 5-year-old brown mare; valued at \$50 each.

FARMS AND RANCHES.

KANSAS LANDS.—I have a choice lot of well-improved farms in Marion County, varying from \$20 to \$50 per acre. Also large list of Western Kansas lands. For full particulars, address, A. S. Quisenberry, Marion, Kans.

FOR SALE—\$20 acre well improved farm 6 miles from Emporia. Price, \$25 per acre. Write Hurley & Jennings, Emporia, Kans.

SUB-IRRIGATED FARMS—One of the best in southcentral Kansas, only 8 to 12 feet to water, 620 acres, splendid land for corn, wheat, alfalfa and fruit. Only 3 miles from Kingman. A beautiful location for a thoroughbred stock farm, for description write Frank Weinschenk, Mgr., Kingman County Colonization Co., Kingman, Kans.

GOOD BARGAINS—\$0 acres, small improvements, \$1,600; 160 acres, 80 acres cultivated, improved, \$3,200; 160 acres, all bottom, fine land, \$5,000; 480 acres, nice smooth land, \$17 per acre; 640 acres, fine wheat section, \$16 per acre. All sizes and kinds. Write to Minneapolis, Florence, or Salina, Kansas, for list. Garrison & Studebaker.

FARMERS GET RICH IN FOUR YEARS—On our alfalfa, corn and wheat farms in Northwestern Kansas. \$15 to \$45 per acre on easy payments. Interstate Investment Company, Phillipsburg, Kans.

FARM MUST SELL—160 acres, \$3,800 or \$1,800 cash. Balance time, low interest. Will sell either 80. Write me. Wm. McDonald, 602 North LaFayette, Chanute, Kans.

FARM—106 acres with buildings, \$1,500. Other farms cheap. P. S. Leake, Richmond, Va.

FOR SALE.—A good farm of 320 acres in Anderson County, Kansas, main line Missouri Pacific railway, R. F. D., near to school and church. American community, good improvements; \$22.00 per acre. A bargain. Address O. J. Prentice, 156 Washburn avenue, Chicago.

FIFTY farms in Southern Kansas, from \$15 to \$70 per acre; can suit you in grain, stock or fruit farms. I have farms in Oklahoma, Missouri and Arkansas for sale or exchange. If you want city property, I have it. Write me. I can fix you out. Wm. Green, P. O. Box 966, Wichita, Kans.

LAND FOR SALE in Western part of the great wheat State. H. V. Gilbert, Wallace, Kans.

FOR SALE—An elegant 160-acre farm, 1 mile from Erie, Kans., with five good oil wells and pumping plant complete, for less than value. Must sell. M. W. Hall, Erie, Kans.

IF you want a tame grass, corn and wheat farm address Buckeye Agency, Williamsburg, Kas.

ANDERSON COUNTY FARMS. A premium in farm lands in Anderson County, Kansas. Inspection and correspondence invited. Address S. B. Hamilton, Colony, Kans.

KANSAS LAND FOR SALE. Corn land, wheat land, alfalfa and ranch land. Write us for prices. Niquette Bros., Salina, Kansas.

MISCELLANEOUS.

WANTED—Man and wife on farm, man for work on farm, woman as housekeeper. Good wages. Must be a hustler; permanent place to right party. No children. A. L. Wynkoop, Bendena, Kans.

WE HUSTLE—If you have real estate or merchandise for sale or exchange list with us. Send description and price. Blanck & Barnes, Real Estate Brokers, Harrisonville, Mo.

WANTED—Experienced and competent dairy man to take charge of farm, dairy-room, etc., and also an all round competent farmer. Yearly contract, \$22.50 increase yearly. Sayda Polo Jersey Farm, Parsons.

FOR SALE—Second-hand engines, all kinds and all prices; also separators for farm use. Address the Geiser Mfg. Co., Kansas City, Mo.

WANTED—Your apples to grind. I do custom work every Saturday at my mill on West Sixth st. H. W. McAfee, Topeka, Kansas.

AGENTS WANTED Sell \$1 bottle Sarsaparilla for 50c; best seller; 200 per cent profit. Write today for terms. F. R. Greene, 115 Lake St., Chicago

FINE Scotch Collie puppies sold by Y. U. Treadway. La Harpe, Kansas.

WE PAY \$36 A WEEK to men with rigs to introduce poultry compound. Year's contract. IMPERIAL PULP. CO., DEPT. 18 PARSONS, KANS.

"THE CEMENT WORKER'S HAND BOOK" Tells you how to do all kinds of cement work successfully, walls, floors, walks, tanks, troughs, chimneys, fence posts, building blocks, etc., etc. Second edition. Sold in all English-speaking countries. Sent no any address for 50c. Address, W. H. Baker, Seville, Ohio.

Ohio Improved Chester Whites for Ready Sale—15 Spring Boars, 25 Spring Glits; also a few bred Sows. Stock is in first-class condition and in the pink of health. Prices reasonable. A. E. STALEY & SON, R. 7, Ottawa, Kans.

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A. H. DUFF, Larned, Kans.

The Poultry Yard

CONDUCTED BY THOMAS OWEN.

Fattening Turkeys.

EDITOR KANSAS FARMER:—I would like to have some advice from those who have experience and were successful in raising turkeys. Is it advisable to raise turkeys from young stock, or are old hens preferable? Some say that old hens are more liable to contract disease; others claim that old hens are the stock to breed from, because they lay larger eggs and consequently grow larger birds.

What is the best food for fattening for market? My turkeys have the run of the farm, go out in the morning and return in the afternoon. I feed them corn, some wheat and Kafir-corn. They are larger than any I have seen this year.

WM. STRASEN.
Wabaunsee County.

Answer.—It is not advisable to raise turkeys from young stock, for the progeny is apt to be small and puny. In fowls we often advise mating cockerels with hens or an old male bird with pullets; but with turkeys it is much more essential to breed from adult specimens. There is no truth in the declaration that old hens are more liable to contract disease than young pullets; on the contrary, it is the young turkeys that generally contract disease. After they reach a certain age, they become hardy and are rarely troubled with ailments. From adult turkeys the progeny is certain to be larger and stronger than that produced from young stock. Turkeys generally are inclined to disease, not because they are old, but because they have been inbred too closely and their vitality has been impaired. A frequent change of blood strengthens the constitutions and make the progeny much more hardy. For fattening turkeys, there is nothing better than corn. If it is soaked, it will be so much the better, and still better if soaked in sweet milk instead of water. It is a difficult matter to get turkeys or fowls to eat enough of one kind of food to fatten them properly, therefore a variety of food is necessary to keep up their appetites. After the bugs are gone and turkeys can not get any more of them, some animal food is necessary, such as ground, fresh bones, beef liver, beef meal or dried blood.

Poultry Pointers.

The cold fall months are upon us and infection from roup is prevalent among the poultry flocks. The houses should be free from cracks or openings where the cold winds strike the chickens. If you have a warm house, it is well to be careful about letting your chickens out too early on very cold mornings. Wait till the sun is an hour or two high before letting them out.

Straw or millet hay on the floor of the poultry-house is valuable for the reason that it absorbs the moisture that will collect in cold weather; it makes a good place for the hens to scratch in and it makes the house warmer. It should be several inches in thickness and renewed every few days.

If we were going to exist forever in this world, even then there would be poor excuse for the manner in which most of us live.—Billings.



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Fine birds. Extra layers in breeding pens. Eggs \$1.50 per 15; \$3 per 45. Range flock 75c per 15; \$3 per 90.


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Clendale Park, Hutchinson, Kansas.

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standing out during months it is not in use. Most of the machinery used here is not housed. My plan is to house the most delicate iron parts of the machinery, and practically all wooden parts.

L. W. Waldraven.—It is our custom to make a machine do its required work with proper treatment. Such implements as plows and disks, I always give a thorough application of axle-grease. We keep a well equipped blacksmith and repair shop on the farm and keep the machinery in good order. I believe in keeping machinery well oiled and cleaned. I put my expensive machinery in the shed the day I finish work.

P. K. Symns.—Keep in repair while in use, shelter while idle, when season is over clean up and repair, oil and store ready to begin next season's work.

W. R. Correll.—Use best oil obtainable; keep all bearings tight. Aim to keep under sheds; paint shovels, plows, listers, etc., when put away.

10. What per cent do you allow each year for the depreciation in value of farm machinery?

Ans.—Nine, 10 per cent; five, 15 per cent; one, 20 per cent; one from 25 to 33 per cent.

C. W. Taylor.—I estimate each piece of machinery when I invoice. It depends upon the party who uses the machine. Some men will use a machine five years, and others will only use it one.

Edwin Taylor.—Do not be afraid to send the machine to the scrap pile; it is cheaper to buy new machinery than to repair.

11. Do you practice a definite system of crop rotation? What is your plan?

Ans.—Fifteen, no; seven, yes.

C. W. Shull.—No, not to any extent, but speaking from observation will say that barley generally follows sorghum, Kafir-corn or corn. Our most progressive people here are adopting the Campbell system.

L. W. Waldraven.—We always practice crop rotation thus far. We raise three crops, principally corn, oats, wheat and rye. We leave stalks standing in the field and the following year plow and sow to oats. In the fall, plow oat-stubble for wheat. Corn two years, oats one year, and wheat or rye one year.

W. H. Rhodes.—What I have in corn this year I put in oats and other small grain next year.

A. J. Pottorf.—I do. Corn-stalk ground is sown to oats, the oat-stubble is plowed in the summer and sown to wheat in the fall, the wheat-stubble is mowed if noxious weeds are plentiful, and if not the mower is not used. The following spring this ground is listed to corn. This is the way we raise our biggest corn. A field treated in this way will make sixty bushels per acre this year.

A. M. Reichenberger.—Corn land followed by oats and wheat, aiming to run ground to oats one year, and about three years to oats and corn.

J. A. McKenzie.—No. Consider alfalfa in a long rotation, eight to twelve years, the best for this section, or alfalfa four to six years, then a period of cultivated crops.

Frank B. Buchli.—I practice crop rotation with a view of preserving and enriching the soil and getting best crops.

12. Do you feed the crops on the farm, or sell and remove them from the farm?

Ans.—Nine, do both; sixteen, feed all crops; two, sell nearly all crops.

J. M. Moody.—I sell my own crops of corn for seed, but buy feed, the same amount as was on the farm.

E. M. Hall.—I remove grain and hay and sell, but plow down the stalks; never burn trash or weeds.

A. J. Pottorf.—If grain is high and I do not think it will pay to feed, grain and stock are both sold; but if grain is cheap, I feed at home.

13. What is your method of saving and handling manure?

Ans.—Two, no method.

Unsigned.—Clean stables out and haul manure to the fields. Clean out feed-lots in the spring.

J. P. Wood.—I haul from the stables and spread on wheat ground when possible, and haul from lots and spread on wheat when I can.

C. J. Reid.—All manure made in stables and sheds and open lots is hauled out as soon as made and immediately applied to the land. In winter the manure is applied to the corn-stubble for succeeding crops, but the aim is to save and use all the manure.

E. E. Chase.—The manure from cow-

lot is scraped up and dumped on the land and spread by hand. The manure from the barns is forked on a low wagon and spread by hand.

J. B. Harrison.—Haul to the field as soon as made.

L. W. Waldraven.—We put out manure in heaps and haul it to fields in the latter part of the winter, before seeding time; also the summer manure we haul to the fields after harvest. Last spring I scattered thirty loads on an eight-acre field, which I think has been neglected in fertilizing for about ten years. The rank growth of weeds that usually follow harvest we turn under green at times.

P. K. Symns.—Manure is removed from stock barns, feed-racks and decayed straw-stacks and scattered at present on corn and pasture lands.

A. L. Noyes.—I allow the manure to accumulate in the corral until I get time to haul it onto the land, unless it is liable to get too muddy, then I scrape it together with a road-scraper until I can haul it.

W. R. Correll.—I have no method, I am sorry to say. I expect to have a manure-scraper as soon as I can get

fixed for it, and will use all the manure I can scrape up.

J. A. McKenzie.—Spread it as made, thin on the ground and frequently.

E. L. Cottrell.—Haul as soon as made.

14. What kind or quality of horses do you find profitable to keep for work?

Ans.—One, good; two, mules; one, plugs; four, Percherons.

J. A. Showalter.—It takes good horses to do good work. A well-made horse will keep easier and work better. I want my horses to weigh not less than twelve hundred—the heavier the better, up to fifteen or sixteen hundred. I have three mares and let them raise good draft colts.

Unsigned.—Would like to have good, blocky horses for farmwork, weighing about twelve hundred and fifty to thirteen hundred, of Percheron breed; and light horses (part road stock), weighing about eleven hundred, for use on road, going to market, etc., and for light work on the farm if necessary.

J. P. Wood.—Usually brood mares of the best quality I can raise.

C. J. Reid.—A medium weight horse

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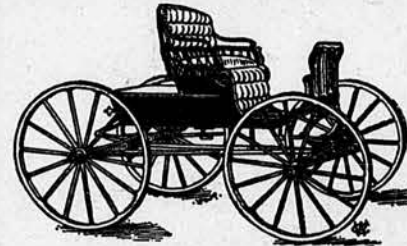
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Society. Can you invest \$10.00 in any other way that will bring you even one-tenth the income that this will? Can you buy your supplies as cheaply any other way? Co-operation alone makes such a thing possible. You have everything to gain and nothing to lose by becoming a member. If you join the Co-operative Society of the National Supply Co., and your savings in discounts on purchases should not amount to \$10 during the year and you wish to withdraw, we will redeem your Membership Certificate by paying you back the difference between the amount of the discounts you have received and the \$10 membership fee, together with 6 per cent interest on the amount so paid back. Isn't this a fair offer, and doesn't it take away all risk from you? No other co-operative society ever made such a broad offer before. We invite you to join and we make it easy and absolutely safe for you to do so. Write today for particulars and full explanation of how this Society is able to make these extraordinary offers.

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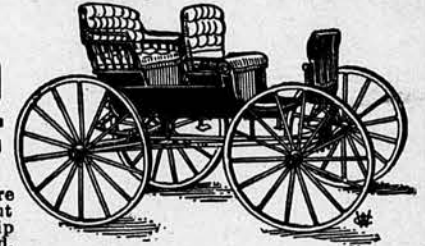
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This National Jump-Seat Buggy is actually worth \$47.50 and you cannot duplicate it for less anywhere else. It is built for two or four passengers, made of good hickory, and is fully warranted in every particular—quickly changed from a single to a double seat without removing any parts. This is acknowledged to be the most convenient arrangement ever invented. It is very simple, making it possible to instantly change this rig from a two-seated buggy to a really desirable light market wagon—just what every farmer needs. Wheels are all hickory, Sarven or shell band, 1 1/4 inch steel tire. Gear—Axle, 1 inch, dust-proof, and cemented to hickory wood, rear king bolt, fifth wheel and double perch reach. Oil-tempered, elliptic springs, strong enough to carry four passengers. Body—white wood and hickory, strongly ironed throughout, and full length body loops 60 inches long and 28 inches wide. Cushions—green cloth, whipcord or imitation leather. Painting—body black with dark green gear, narrow stripe, high-grade finish. We are only able to make this remarkable offer by

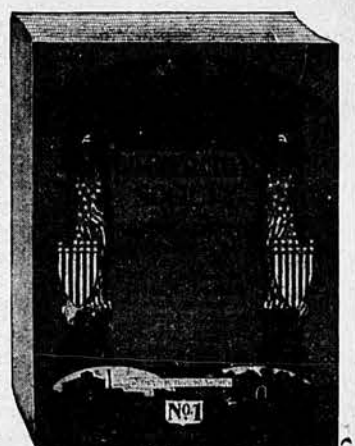
taking the entire output of the factory, and saving all middlemen's profits—co-operation in this Society cuts out all needless expenses and profits between the factory and the member. Send us an order for a National Jump-Seat Buggy at once—\$38.00 is cheap for it. To make the bargain still better, send for an Application Blank, join the Society, and save \$3.30 extra—this extra saving will pay more than one-third the membership fee. Hundreds of members have joined the Society without it costing them a cent—the savings on their purchases paying the full fee and often leaving them a nice profit besides. We solicit you to join the Society now.

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of active disposition, such as are produced by standard-bred sires of good size, bred to grade mares. This makes an excellent farm horse in my opinion. They are intelligent, active, and have good staying qualities.

E. E. Chase.—For my part I would rather have good mules. If a man has or prefers horses I should have medium weight. I have never seen heavy horses that could stand the heat and work well.

C. W. Shull.—High-grade Percheron horses. Have also used mules with great satisfaction, as they are always willing to work.

L. W. Waldraen.—We keep horses weighing about twelve to fourteen hundred; we have had good success with Norman and English grade sires of this weight.

Horticulture

ORNAMENTAL PLANTING.

Best Twelve Shrubs for Succession of Bloom.

Ornamental planting may have several objects. First, the pleasure one may derive from working with nature; second, making a given piece of ground appear beautiful and attractive to others, thereby increasing its desirability and value.

Frank Scott says the highest object is the appreciation of and desire to create with nature charming effects of sunlight and shadow or lovely examples in miniature of what we call landscapes.

In ornamental planting there should be more thought than the mere gathering together of material and planting where it will grow, although these are both important. One must think of whether the plants will coincide with the surrounding architecture and conditions. The plants themselves should be grouped so as to bring out some desired effect or end.

The texture of the foliage, the color of the flowers, the season of bloom, and the rapidity of growth all must be considered.

All of a homestead, for example, must not be filled with plants, but let there be broad acres of green grass bordered by masses of shrubbery so arranged as to produce long vistas or views, giving an unobstructed vision of beautiful or picturesque points in the distance. The habit of scattering plants all over a yard or of planting in rows in several given directions is not ornamental planting. While the plants, when looked at in detail, may be beautiful and the highest works of nature, yet such planting gives the idea of a wilderness and as a whole is unsightly and spoils the individual beauty of the plants instead of bringing it out.

The bordering lines of a place and the inside curves of a walk or drive usually require groups of shrubbery,

also the corner of a building needs some mass of green to tie the building to the ground, or in other words break the line between the building and the ground.

Unsightly objects should be completely covered by a screen of trees and shrubbery. Barns, outbuildings, and fences usually do not have much architectural beauty and can easily be hid from view by proper planting.

There is an endless amount of material with which one may work. First of all, the foundation of all landscape work is the trees; these, together with the shrubs, form the framework of a place.

A few of the best trees for planting are found among ash, birch, elm, linden, maple, sycamore and others. The particular use for which a tree is wanted will, of course, determine the variety.

The naming of the 12 best shrubs for a succession of bloom is not an easy matter. Tastes may vary; climate, soil and the care given the plants will have their due influence, but the following 12 will give good results with little care:

1. Forsythia, or Golden Bell.
2. Cydonia Japonica, or Japan Quince.
3. Viburnum opulus sterale, or snowball.
4. Spiraea Van Houttei, or White Spiraea.
5. Lonicera tatarica, or Upright Honesuckle.
6. Weigelia rosea, or Rose Colored Weigelia.
7. Philadelphus, or Mock Orange.
8. Syringa, or Lilac.
9. Spiraea Antony Waterer, or Dwarf Spiraea.
10. Spiraea Callosa, or Pink Spiraea.
11. Hiscus syriacus, or Althaea.
12. Hydrangea pan, grandiflora, or Common Hydrangea.

Among other shrubs which are worthy of planting are the spring Hercules Club, botanically known as Aralia spinosa, both the purple and green-leaved barberry, several varieties of the dogwoods, and the flowering locust.

Next to trees and shrubbery properly come perennials. These flowers, when once planted, need but little care and will come every year. Many perennials have been handed down and improved on from our grandmother's gardens. Some of the perennials most worthy of a trial are found among the Anemone, Foxglove; Aquilegia, Hollyhocks; Asters, Poppies; Chrysanthemum, Peony; Coreopsis, Phlox; Larkspur, Golden Glow.

Now, last, but not least, come the annual plants. These have to be planted each year, but furnish some of our best flowering plants. A few of the annuals used in planting are Asters, Gaillardia; Alyssum, Nasturtium; Ageratum, Pansy; Balsams, Petunia; Cosmos, Phlox; Pinks, Verbena, Zenia, etc.

Trees, shrubs, vines, evergreens, perennials and annuals all have their place and should be used in ornamental planting.—C. A. Chandler in American Farmer.

Among the substitutes for coffee evolved by civil war ingenuity, sweet potatoes furnished the best. The dry, yellow sorts are most desirable. Pare, cut into small dice and let dry for a day; then parch like coffee, grind and keep dry and dark. Mixed with one-third of real coffee, the result is a beverage hardly to be distinguished from the simon-pure article, and much valued by those whose nerves will not endure strong coffee, yet whose palates revolt equally at weak. Alone the parched potato gives a palatable drink, although lacking the aroma of the Arabian berry.—Selected.

Men give me credit for genius; but all the genius I have lies in this; when I have a subject on hand I study it profoundly. The effect I make, they call the fruit of genius; it is, however, the fruit of labor and thought.—Alexander Hamilton.

The Stock Interest

THOROUGH-BRED STOCK SALES

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

Oct. 30, 1905—Herefords and Poland-Chinas. Klaur Bros., Bendena, Kansas.
Oct. 31, 1905—Joseph Condell, El Dorado, Kans. Hereford dispersion.
Nov. 1, 1905—Polled Durhams and Red Polls for W. H. Lawless and N. N. Ruff, Marshall, Mo.
Nov. 1, 1905—Fancy Poland-Chinas. W. J. Honeman, Madison, Kans.
November 6, 1905—J. F. Laing, McLouth, Kans., Poland-Chinas.
Nov. 8, 1905—John Bollin and Gus Aaron, Leavenworth, Kans., Poland-Chinas.
November 9, 1905—Will H. Rhodes, Phillipsburg, Kans., Hereford cattle.
Nov. 9 and 10, 1905—Poland-Chinas, Duroc-Jerseys, Shorthorns and Herefords at Wichita, Kans. H. E. Bachelder, manager, Fredonia, Kans.
November 11, 1905—Shorthorns and Herefords at Blackwell, Okla. J. P. Cornwell, manager, Brannan, Okla.
Nov. 13, 1905—J. H. Cooper & Son, Winfield, Kans., Poland-Chinas.
Nov. 14, 1905—S. H. Lenhart, Hope, Kansas Poland-Chinas.
November 14, 1905—S. H. Lenhart, Hope, Kans., Poland-China hogs.
Nov. 15, 1905—S. H. Lenhart, Dispersion Sale of Shorthorns.
November 16, 1905—E. A. Smith, Lawrence, Kans., dispersion Standard-bred trotting stock.
Nov. 16-18, 1905—Registered stock at Arkansas City, Kans. by the Improved Stock Breeders' Association of the Wheat Belt. Chas. M. Johnston, Sec'y, Caldwell, Kans.
Nov. 17, 1905—Four hundred bred Shropshire ewes Geo. Allen, Manager, Lexington, Neb.
Nov. 17, 1905—350 bred Shropshire ewes. Geo. Allen, Lexington, Nebraska.
Nov. 22, 1905—Poland-Chinas at Anthony, Kans. C. O. Parsons, Mgr., Clearwater, Kans.
Nov. 22, 1905—Aberdeen-Angus combination sale at Kansas City, Mo. Berry Lucas, Hamilton, Mo., manager.
Nov. 23, 1905—Shorthorns at Anthony, Kans. H. M. Harrington, Mgr., Clearwater, Kans.
Nov. 23, 1905—Poland-Chinas and Shorthorns. J. R. Cooper & Son, Winfield, Kans.
November 29, 1905—H. N. Holdeman, Topeka, Ho'stein-Friesian Cattle.
December 5, 1905—Nathan Brooks and others, Burden, Kans., Shorthorn cattle.
December 6, 1905—Marshall Bros., and J. F. Stodder, Burden, Kans., Duroc-Jerseys.
December 7, 1905—Marshall Bros., and Harry E. Lunt, Burden, Kans., Poland-Chinas.
December 7, 1905—American Aberdeen-Angus Breeders' Association, Aberdeen-Angus, Chicago, Ill. W. C. McGavock, Manager.
Dec. 8, 1905—American Galloway Breeders' Association sale, Chicago, Ill.
Dec. 8 and 9, 1905—Poland-Chinas, Duroc-Jerseys, Shorthorns and Herefords at Coffeyville, Kans. H. E. Bachelder, manager, Fredonia, Kans.
Dec. 12 and 13, 1905—Imported and American Herefords, Armour-Funkhouser sale at Kansas City, Mo. J. H. Goodwin, Manager.
December 15, 1905—S. H. Lenhart, Hope, Kans., dispersion sale of Shorthorn cattle.
December 21, 1905—Poland-Chinas. A. P. Wright, Valley Center, Kans.
Jan. 17, 1906—Poland-China bred sows, H. E. Lunt, Burden, Kans.
Jan. 18, 1906—Poland-China bred sows, Marshall Bros., Burden, Kans.
Jan. 18, 1906—Duroc-Jersey bred sows, Marshall Bros., Burden, Kans.
February 15-17, 1906—Third Annual Sale of the Improved Stock Breeders' Association of the Wheat Belt at Caldwell, Kans. Chas. M. Johnston, Sec'y.
February 21-23, 1906—Percherons, Shorthorns, Herefords at Wichita, Kans. J. C. Robison, Manager, Towanda, Kans.
Feb. 24, 1906—Poland-Chinas, at Wichita, Kans., by H. E. Lunt, Burden, Kans.

AMERICAN ROYAL SHOW AWARDS. Kansas City, October 9-14, 1905.

(Continued from last week.)

Herefords.

Junior sweepstakes bull, under 2 years old—To A. C. Huxley, Bunker Hill, Ind., on Perfection Fairfax.
Senior sweepstakes cow or heifer—To Jas. A. Funkhouser, Plattsburg, Mo., on Kathleen.

Junior sweepstakes heifer, under 2 years old—To Cargill & McMillan, on Miss Donald 17th.
Best bull, any age—To C. G. Comstock, Albany, Mo., on Defender.
Best cow or heifer, any age—To Jas. A. Funkhouser, Pittsburg, Mo., on Kathleen.

Aged herd—First to Cargill & McMillan; second to Jas. A. Funkhouser; third to W. H. Curtice; fourth to W. S. Van Natta & Son; fifth to Steele Bros.

Young herd—First to Jas. A. Funkhouser; second to Gudgell & Simpson; third to W. S. Van Natta & Son; fourth to W. H. Curtice; fifth to A. C. Huxley.
Calf herd—First to Jas. A. Funkhouser; second to Cargill & McMillan; third to W. S. Van Natta & Son; fourth to W. H. Curtice.

Specials.

Meadow Park Special (Armour cup), for best Hereford herd in the show—To Cargill & McMillan.

Two animals of either sex, product of one cow—First and fifth to James Funkhouser; second to W. S. Van Natta & Son; third to Gudgell & Simpson; fourth to W. H. Curtice.

West End Hotel Special for best pair of Herefords, male and female—To James A. Funkhouser, on Onward 18th and Kathleen.

Four animals, get of one sire—First to W. H. Curtice; second to James A. Funkhouser; third to Cargill & McMillan; fourth to W. S. Van Natta & Son; fifth to Gudgell & Simpson.

Aberdeen-Angus.

Judge—L. McWhorter, Aledo, Ill.
Aged bulls—First to C. J. Martin, Churdan, Ia., on Prince Ita 2d; second to M. P. & S. E. Lantz, Carlock, Ill., on Zaire the Great; third to William Avery, Waldron, Ind., on Gay Barbara; fourth to W. A. McHenry, Denison, Ia., on Censor; fifth to J. B. Withers, Missouri, Mo., on Errol's Rose-gay; sixth to Parker Parrish & Miller, Hudson, Kans., on Sunflower Gay Lad.

Bull, 2 years old and under 3—First to E. T. Davis, on Morone; second to Omer Catterson, on Clansman Chief 2d; third to W. A. McHenry, on Baden Lad; fourth to M. P. & S. E. Lantz, on Monarch's Eric; fifth to Geo. Kitchen, Jr., on Helmet 3d; sixth to Parrish & Miller, on Japan Ita.
Senior yearling bull—First to E. T.

On the Trail with a Fish Brand Pommel Slicker

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The Veterinarian

We cordially invite our readers to consult us when they desire information in regard to sick or lame animals, and thus assist us in making this Department one of the most interesting features of the Kansas Farmer. Kindly give the age, color, and sex of the animals, stating symptoms accurately, and how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. In order to receive a prompt reply all letters for this Department should give the enquirer's postoffice, should be signed with full name and should be addressed to the Veterinary Department of the Kansas Farmer, Topeka, Kans., or to Dr. C. L. Barnes, Veterinary Department, Kansas State Agricultural College, Manhattan, Kans.

If in addition to having the letter answered in the Kansas Farmer, an immediate answer is desired by mail, kindly enclose a 2-cent stamp. Write across top of letter "To be answered in Kansas Farmer."

Scours in Mare.—I have a 10-year-old black mare that has been scouring for four days. The droppings are of a natural color, but thin and watery. She refuses grain, but eats some green grass and prairie hay. She does not seem to be in pain, although she is rather full in the flanks. Her feed has consisted of one gallon of oats wet, morning and noon, and eight ears of new corn at night, with prairie hay. Previous to this ailment, I worked her on the sulky plow. Is the new corn the cause of the trouble?

Robinson, Kans. SUBSCRIBER.

Answer.—I would suggest that you discontinue giving the animal the corn, and would give a pint of raw linseed oil, followed up by two doses of tincture of opium (two doses, of an ounce each), six hours apart.

Fistula.—My black mare, 4 years old, has a hard swelling on top of the neck just behind the right ear; it started 5 weeks ago, is 4 inches across at base. I am told it is poll evil.

I also have a bay pony, 8 years old, with a swelling just in front of the shoulder on top of the neck; it is very hard, but she does not flinch when it is pressed. I am told that this is fistula. Neither case is running yet.

Buffalo, Kans. A. A. R.

Answer.—Your animals have poll evil and fistulous withers; use a stimulating liniment which will blister; or get a fly blister and use this to blister them severely; then let us hear from you again.

Tubercular Consumption.—I should be pleased to have some information regarding tubercular consumption, as to whether the test can be made by an unprofessional.

W. N. National Military Home, Kansas.

Answer.—Tuberculosis in cattle is one of the most dreaded of cattle diseases at the present time, from the fact that unless a person is properly equipped for determining positively the presence of the disease he may be owning animals that are in the last stages of tuberculosis and still the cattle be in good flesh and apparently in good health. Such animals have been seen by the author, and if it had not been for the tuberculin test these cows would have escaped being destroyed, and they were furnishing the milk for children and invalids on account of its richness. The well-developed cases of-

ten escape the unprofessional, who does not possess the tuberculin and does not know how to properly make the test. When the lungs are so badly affected that the breathing is unnatural it is not so difficult to determine the presence of the disease; but as all parts of the body may be affected, it is necessary to resort to something other than simply an examination of the lungs to determine the presence of the dreaded disease, tuberculosis. Tuberculin consists of the sterilized produced of the germs of tuberculosis grown in beef broth; in other words, it contains the toxin or poison produced by the germs of tuberculosis but does not contain the germ itself. Tuberculosis can not be produced without the germ of tuberculosis; so in using this liquid (tuberculin) on healthy cattle it will not produce the disease in them. Tubercular cows possess considerable poison in their system on account of the presence of the disease. Two cubic centimeters of the tuberculin being injected underneath the skin of a tubercular cow causes a rise in temperature, on account of adding that much more concentrated toxin. The temperature of a tubercular cow is higher normally than that of a healthy cow, ranging from a half to 2° or more. The temperature of a herd is generally taken every two hours, for a day. At ten o'clock at night of the same day two cubic centimeters of tuberculin are injected with a hypodermic syringe beneath the skin on the neck of each cow to be tested. Ten hours after the injection of the tuberculin the temperature is to be taken every hour and continued for 24 hours after the injection of the tuberculin. In the tubercular animal the temperature gradually rises, from twelve to fourteen hours after the injection to, say 20 hours after, and then gradually falls. This is known as the typical tubercular curve. Cows not having the disease may show a temporary rise in temperature, but their temperature will return to normal in an hour or two, and then go up again, and so on, which means nothing.

Tuberculin is a valuable diagnostic agent in the hands of those who can readily explain the cause of the rise in temperature due to change of feed, change in watering time, change of milkers, and, in fact, anything abnormal from that of the natural methods employed in caring for the animals. Animals to be tested should be kept as near the natural way during the test as they have been for a week or ten days prior to the test; such as becoming accustomed to standing in stanchions or stalls. They should not be tested after a long drive through the hot sun, etc.

If any of the readers of the KANSAS FARMER wish to ask further questions in regard to this test, we will be glad to answer them from the veterinary department of the college.

Bunches on Mare's Shoulders.—My 7-year-old gray mare has bunches on her shoulders caused by collar galls; they will heal over at times when the work is light, but there are always bunches left under the skin, and when she is worked hard or the weather is hot they become sore again and are as bad as ever. I have been advised to have them cut out, but am afraid to do so, and do not know a competent person in this part of the country that I could trust to do it, even if I wanted it done. Is there some kind of medicine that I could use to get rid of these bunches?

G. W. S. Longton, Kans.

Answer.—If you are unable to get the bunches cut out of the mare's shoulder, I would advise cutting a hole through the sweat-pad of the collar, at the place where the shoulder comes in contact with the collar; in that way there will be no enlargement caused.

Worms in Colt.—I have a colt 4 months old that has worms; can you tell me something to rid him of them?

G. T. Corning, Kans.

Answer.—In prescribing for worms in a colt it is always best to know the kind of worms, whether large or small, etc.

C. L. BARNES.



What's Your Winter Crop?

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DUROC-JERSEYS—Large-boned and long-bodied kind. A fine lot of spring pigs either sex, for sale. Prices reasonable.
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20 fine March and April pigs, sired by Norton's "Wonder," and from aged dams, for sale.
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THE CHERRY RED HERD Our Durocs are better than ever. Some No. 1 February and March boar pigs; as pretty as can be found in any herd. Also just as fine gilts of same age for sale at low prices, with Keen Champion 34469 to head herd. Also some W. P. Rocks and Pekin Ducks.
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Herd headed by King of Kansas 26293, sired by Improver 24, the hog which brought \$500 for a half interest. For sale: A lot of pigs sired by King of Kansas. The brood sow, Daisy E, is very large and a good breeder of show hogs. There are several sows in the herd of the Tip Top Notcher strains. Send in your orders and get a bargain.
J. M. YOUNG, Plainville, Kans.

ROCKDALE HERD OF DUROC-JERSEYS
I have for sale, 35 head of the best boars I ever raised of March and April farrow. Sired by Chief Perfection No. 20609 by Van's Perfection No. 11571, Improved 3rd No. 28361 by Improver 2nd No. 13365, Dandy Orion No. 33676 by Orion No. 5293 and Sir Bunceton 22311 by Ohio King No. 12179. All out of matured sows of up-to-date breeding. Write me your wants. Visitors always welcome. Satisfaction guaranteed. J. F. Chandler, Frankfort, Kan.

80 Select Duroc-Jersey Pigs
My herd numbers 225 in all of pure-bred Duroc-Jersey swine. I now offer for ready sale 80 of the tops of this herd, consisting of 40 spring boars and 40 gilts. There is no better breeding and the pigs selected for sale are splendid types and individuals. Inspection or correspondence invited. Address:
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FOR SALE Poland-China Hogs, Holstein-Friesian Cattle; either sex. Best strains represented
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Best strains. Large and grothy, yet with plenty of flesh. A few sows bred for Sept. Farrow for sale (good ones). Write us what you want.
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Eight choice young boars, bred and open gilts, good size and finish; first draft for \$20; take choice of boars. WM. KNOX, SOUTH HAVEN, KANS.

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Herd headed by Nonpareil 86105A. Sweepstakes boar at Missouri State Fair 1904. Can spare a few choice sows bred for May and June farrow.
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Spring Creek Herd of POLAND-CHINA SWINE
Pigs by On and On and U. S. Model. 3 fall boars and a number of choice gilts, large, fancy and well bred. Perfection and Sunshine blood
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ROME PARK POLAND-CHINAS and BERKSHIRES.
I have about twenty boars ready for use and twenty-five sows bred, and some unbred, and a large number of good pigs, both breeds.
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Park Place Herd, Poland-Chinas
Four first, one second won at Topeka, 1905; six firsts, five seconds, and three sweepstakes at Hutchinson, 1905. These winners and others for sale. All fashionably bred.
A. P. WRIGHT, Valley Center, Kans.

BOLLIN & AARON
Fall Poland-China Sale
at Leavenworth, Kans.,
November 8, 1905. . . .

Send for catalogue, mentioning Kansas Farmer.

Pure Poland-China Hogs.
We have a few fall and winter boars sired by American Royal 81505 A and Onward 97359 A, he by Keep On 61015 A, out of some of our best sows. Also some spring pigs by same boars.
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200 HEAD POLAND-CHINAS
W. R. Peacock's Poland-Chinas, at Sedgewick, Kansas. 200 head in herd. Boars in service are Mischief Maker I Know; 3/4 brother in blood to Grand Champion Meddler C's. Corrector brother to Gsard Champion Corrector 2nd. Klever's Perfection, sire to 7 head winning 7 firsts and seconds, and Sweepstakes prizes at the Hutchinson fair, 1904. Watch the Kansas Farmer for public sale date.

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Winfield, Kans.

Breed and have for sale Percheron stallions, Polled-Durham cattle, and choicest strains of Poland-China hogs. Correspondence and inspection invited.

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Choice young stock of both sexes for sale at very low prices.
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Shorthorn cattle, Oxford sheep and Peafowls. I won 13 prizes on 14 head of Chester-Whites at World's Fair, 1904. Four herd boars in use.
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I have choice O. I. C. and Duroc-Jersey males. Also bred O. I. C. and Duroc-Jersey gilts for sale. B. P. Rock cockerels and eggs in season. Write or come and see
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Sows and gilts bred to Kerr Dick, sire to World's Fair Junior Champion, or by Kerr Dick and bred to other equally good sires. Also fine crop of spring pigs from such sows as Big Mary, grand champion at St. Louis, Kerr Uina, Silver Mine and others. Headquarters for Boars and Gilts. Write me.
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SWINE
200 head all sizes, both sexes, singly, pairs, trios or small herds. A large number by Norway Chief 12263 grand first and sweepstake boar Nebraska State Fair, 1904. Top quality. Rock bottom prices. Write to-day for prices to
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SUTTON'S BERKSHIRES
Imported Blood
30 extra choice Boars, 100 to 150 pounds.
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Fancy heads, strong bone and all-around good ones. Bargains at \$15 to \$25 to close quick.
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Pacific Duke 56891, the 1,000 pound champion show and breeding boar from herd of S. B. Wright, Santa Rosa, Cal., bred by N. E. Gentry; Model Princess 60134, by Halle 60125, sweepstakes Pan-American sow; Stumpy Lady 63409 by Combination 56028, sweepstakes Kansas City and Chicago 1902. Lee's Model Princess 62514, the \$180 daughter of Governor Lee 4771; Lady Lee 99th 66035, the \$160 daughter of Lord Premier 50001, and other "Blue-Bloods." Sows bred to 3 grand boars and young stock for sale.

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Choice bull calves and 2-year-old heifers bred at \$50 each.

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Best strains of stock for sale at popular prices.
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Breeder of Shorthorn Cattle and B. P. Rock Chickens. Bulls, Cows and Heifers for sale. Prices reasonable.
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Three Choice Shorthorn Bulls.
All dark red, 12 to 30 months old good breeding, good individuals. Also some cows and heifers bred. Twenty-five spring boars, good growthy fellows, out of mature sows and No. 1 boars. For description and prices, call on or write:
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In Special Offer. 8 young cows and heifers bred to Imp. Aleybury Duke and Lord Thistle. Some choice Duroc pigs of either sex sired by gilts bred to May Bury. First prize winner at Am Royal, Mo. State, and World's Fair, 1904.
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100 Scotch and Scotch Topped Females, 5 Scotch Topped Bulls in special offer, Pavonia Prince 207316 and Happy Knight by Gallant Knight 124463 in service.
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Registered Hereford cattle. Major Beau Real 71621 at head of herd. Choice young bulls, also heifers by Lord Evergreen 95651 in calf to Orito 132856 for sale. Bronze turkeys and Barred Plymouth Rock eggs for sale.

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Headed by the great Cruickshank bull, Prince Consort 187008, sired by Imported Prince of Perth 158879, and out of own sister of Lavender Viscount 124755.

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Sired by such bulls as Lord Mayor, Mayor Valentine, and Proud Knight.

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Will put into sale of H. E. Bachelder at the Longnecker stables, Wichita, Kans., November 10, ten head of choice young cows and heifers; all bred to bring calves in January and February.

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Service Bulls—Herefords: Columbus 17th 91864, Columbus Budybody 141836, Jack Hayes 2d 119761. Shorthorns: Orange Dudding 149489. Polled Shorthorns: Scotch Emperor 133646, Crowder 204815.

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Nonpareil Star 183488 at the head of herd. Imp. Edelweiss, Edelweiss 3rd by Lord Banf, Lady Goddess, etc. One 18-months old bull by N. S. out of Lady Goodness, for sale. John Regier, Whitewater, Kansas.

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Scotch bulls in service. Cows carry three to five Scotch crosses on standard Shorthorn foundations. Ten Bulls 2 to 18 months old also a carload of extra good 2- and 3-year-old heifers for sale. All red, and all in good condition. Come and see our cattle.

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ENGLISH RED POLLED CATTLE—Pure-bred Young Stock for Sale. Your orders solicited. Address L. K. Hazlett, Route 7, Springfield, Mo. Mention this paper when writing.

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Percheron Horses

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Importers and Breeders of High-Class Percherons. Herd headed by Casino 27830 (45462). Winner of first prize at World's Fair. Young stock for sale. Largest herd in the West. Won every first prize competed for but one at the Topeka State Fair.

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The Biggest and Best Horse Barn in the United States, and the Biggest and Best

Percheron and French Draft Horses

SAMSON AT HEAD OF HERD.

(Percheron 27238 and French Draft 6846.)

He weighs 2,444 pounds, with more bone and quality than can be found in any other one horse in the United States. We can show more bone, size and quality than any other one firm in the country. Prices below competition. Call on or address

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OF

East Lynn Herefords,

To be held at East Lynn Stock
Farm, Tampa, Kansas,

Thursday, November 9, 1905.

Sale begins promptly at one o'clock p. m. after usual lunch.

This offering will consist of 50 head of Registered cows, helpers and bulls. About 15 of the cows will have calves by their side and bred again. These cattle are bred right. Seven head are by Imported bulls and two from Imported cows. The calves at foot are by a son of "Java," and "General Scott," a grandson of Beau Brummel. Cows bred to "General Scott" and to my present herd bull, "Keep On 40" 148331.

This is the chance for the beginner to get a herd for the price of one. These cattle will not be sold in high flesh but just in good, healthy breeding condition.

Write to-day for catalogue and plan to attend this sale. Sale will be under cover. Come spend the day at East Lynn. The Santa Fe and Missouri Pacific trains will be met at Hope, and those from a distance will have free conveyance to and from the sale. Rock Island trains will be met at Tampa. Write to-day for catalogues, they are free.

Cols. R. E. Edmonson, J. N. Burton, H. R. Little, Auctioneers.

Will H. Rhodes, - - **Tampa, Kansas.**

A part of my Show Herd will be included in this sale.

**H. N. HOLDEMAN'S
FALL SALE OF POLAND-CHINAS**

At Girard, Kansas, Oct. 27, 1905.

50 head, 4 yearling sows, 4 yearling boars, 28 spring gilts, 19 spring boars, Mo.'s Black Perfection, Corrected Chief Perfection 2nd and other popular strains. All good, a number extra fine. Sale at farm 1/4 miles north of court house, at Girard. People from a distance please be my guests at Hotel Huber; free conveyance to and from farm; sale under cover; no postponement. Auctioneers, Col. Jas. W. Sparks, Marshall, Mo., and Col. Bert Fisher, Topeka, Kansas. Hon. M. G. Slawson, Clerk.

Reduced Rates on all Railroads.

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Standard Bred Trotting Stock

At Auction, Norwood Stock Farm, 2 1-2 Miles West of Lawrence,

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COMMENCING AT 10 A. M.

35 Head Brood Mares, Geldings, Fillies and youngsters, all bred in the four leading families, Wilkes, Electioneers, Almonts, and Nutwoods. Send for catalogues and attend the sale.

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LIVE STOCK
EXPOSITION
SHOW AND SALES.**

**Union Stock Yards,
Chicago, Illinois,
December 2 to December 9.**

The Crowning Event of the Year to be held in the New Amphitheater. Ample Seating Capacity, Largest Building Devoted to Show Purposes in the World.

There will be sold at Public Auction the following number of Selected Cattle:

Tuesday, December 5.

50—Shorthorns—50
For catalogue write
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Wednesday, December 6.

60—Aberdeen-Angus—60
For catalogue write
C. R. Thomas, Secy.,
Kansas City, Mo.

Thursday, December 7.

60—Herefords—60
For catalogue write
W. C. McGavock,
Springfield, Ill.

Friday, December 8.

40—Galloways—40
For catalogue write
Chas. Gray, Secy.,
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Railways are offering better rates and facilities for this year's exposition than ever before.

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LEADING HORSE
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**Our Percheron and French Coach
Stallions won Every First Prize
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