



CATTLE

PERCHERON HORSES, AND ABERDEEN-ANGUS CATTLE GARRETT HURST, Breeder, Zyba, Sumner Co. Kans. For sale 1 young stallion, and 1 mare; also 3 cows, and 1 bull. All registered.

CLOVER CLIFF FARM.

Registered Galloway Cattle. Also German Coach, Saddle, and Trotting-bred horses. World's Fair prize Oldenburg Coach stallion, Habbo, and the saddle stallion, Rosewood, a 16-hand, 1,100-pound son of Montrose, in service. Visitors always welcome. Address BLACKSHERE BROS., Elmdale, Chase County, Kansas.

PIONEER STOCK FARM.

J. H. McALLISTER, Proprietor. BREEDER OF PURE BRED GALLOWAY CATTLE, POLAND-CHINA AND CHESTER WHITE HOGS, JACKS AND JENNETS. STANDARD BRED STALLIONS AND MARES. AGE, HOLT COUNTY, NEBRASKA.

RAVENSWOOD SHORTHORNS

O. E. LEONARD, - - BELLAIR, MO. Males and Females For Sale. Inspection especially invited. Lavender Viscount 124755, the champion bull of the National Show at Kansas City heads the herd. B. R. and Telephone Station, Buncoeton Mo. Ed. PATTERSON, Manager.

H. M. Satzler, Burlingame, Kansas, BREEDER OF.....

HEREFORD CATTLE, BERKSHIRE SWINE, COTSWOLD SHEEP. STOCK FOR SALE.

H. R. LITTLE, HOPE, DICKINSON CO., KANS., Breeds Only the Best Pure-bred

SHORTHORN CATTLE. The herd numbers 135, headed by ROYAL CROWN 125698, a pure Cruickshank, assisted by Sharon Lavender 143002. For Sale just now 16 Bulls of serviceable age, and 12 Bull Calves. Farm 1 1/2 miles from town. Can ship on Mo. Pacific, R. I., or Santa Fe. Foundation stock selected from 3 of the great herds of Ohio.



GLENDALE SHORTHORNS, Ottawa, Kans. Leading Scotch, and Scotch-topped American families compose the herd, headed by the Cruickshank bull, Scotland's Oham 127264, by Imp. Lavender Lad, dam by Imp. Baron Cruickshank. Twenty bulls for sale. O. F. WOLFE & SON, PROPRIETORS.

LIVE STOCK AUCTIONEERS.

JAS. W. SPARKS LIVE STOCK AUCTIONEER Marshall, Mo. Have been, and am now, booked for the best sales of high-class stock held in America. Write me before claiming dates.

R. E. EDMONSON (late of Lexington, Ky.) and R. Tattersalls (of Chicago, limited), now located at 208 Sheldley Building, Kansas City, Mo., offers his services as Live Stock Auctioneer. All the Herd and Stud books. Wire before fixing dates.

CAREY M. JONES, Live Stock Auctioneer Davenport, Iowa.—Have an extended acquaintance among stock breeders. Terms reasonable. Write before claiming date. Office Hotel Downs.

GEO. R. HUNGATE, The Reliable AUCTIONEER Son of A. J. Hungate, who spent 45 years as a prominent Auctioneer. I have sold more cattle during the past year than any man in Kansas. Sales made on the per cent plan. Correspondence solicited and promptly answered. Address, Sixth and Quincy Streets, Topeka, Kans.

LIVE-STOCK AUCTIONEER Col. J. N. Harshberger, LAWRENCE, KANS. Special attention given to selling all kinds of pedigree stock, also large sales of graded stock. Terms reasonable. Correspondence solicited. Mention KANSAS FARMER.

HORSES AND MULES.

PERCHERON HORSES.

J. W. & J. C. Robison, Towanda, Kansas. Importers and Breeders. Stallions for sale.

30--HEAD OF JACKS--30

T. B. BRIGHT & CO., will hold their big sale of JACKS at FOX & LOGAN'S LIVERY STABLE in DANVILLE, KY., FEBRUARY 28, 1901. Fifteen head of them range in size from 15 to 18 hands high. Catalogues mailed on application. Address T. B. BRIGHT & CO., Look Box 634, Danville, Ky.

JACKS....

for sale at Great Bargain if taken at once. The Best and Cheapest Lot of Jacks on Earth for the money, if taken at once. Write quick for information to HOLLOWAY & BAKER, L. Box 146, Kirksville, Mo.

OAKLAWN FARM

AS ALWAYS, VASTLY IN THE LEAD. PERCHERONS, FRENCH COACHERS, SHIRES. ON HAND, HOME-BRED AND IMPORTED 270 STALLIONS, 235 MARES.

The greatest collection of stallions ever brought together. Our two large, recent importations for this year included the Principal Prize Winners at the WORLD'S EXPOSITION, PARIS, and at the Government Shows at Amiens and Mortagne, and the Tops, first choice, purchased from the leading studs of France and England. The superiority of the Oaklawn Percherons was also shown at the

INTERNATIONAL LIVE-STOCK EXPOSITION at Chicago, December, 1900, pronounced by press and public the greatest live stock exhibition ever seen, where Oaklawn's Exhibit was awarded Three 1st Prizes, three 2d Prizes, three 3d Prizes, two 4th Prizes and two 5th Prizes in the three stallion classes; Championship, stallion, any age; Championship, mare, any age; 1st and 2d Prizes for collections; \$100 Gold Medal, best group, five stallions; \$100 Gold Medal, best group, three mares.

Catalog on application. Prices reasonable. DUNHAM, FLETCHER & COLEMAN, WAYNE, DU PAGE CO., ILLINOIS.

THE FAVORITE LINE TO THE Epworth League Convention

San Francisco, Cal., July, 1901, WILL BE

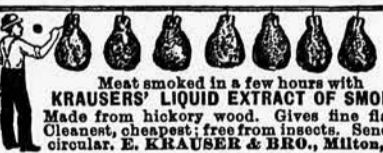
THE UNION PACIFIC

..ALL.. COMPETITION DISTANCED.

The fast trains of the Union Pacific reach San Francisco fifteen hours ahead of all competitors. If you are in no hurry take a slow train by one of the detour routes, but if you want to get there without delay take the historic and only direct route, the

UNION PACIFIC Very Low Rates.

Full information cheerfully furnished upon application. F. A. LEWIS, City Ticket Agent, 525 Kansas Avenue. J. C. FULTON, Depot Agent.



Meat smoked in a few hours with KRAUSERS' LIQUID EXTRACT OF SMOKE. Made from hickory wood. Gives fine flavor. Cleanest, cheapest; free from insects. Send for circular. E. KRAUSER & BRO., Milton, Pa.

ILLINOIS • SEED • CORN

If well bred, not too small, and planted thickly, always out-yields your Kansas native corn, because its ears mature before hot winds ruin your native corn. Positive proof of this and my new catalogue free. J. C. SUFFERN, Corn Breeder, Voorhies, Ill

We want an agent in every county in the state. Write us for terms and sample copies.



NEW IMPORTATION

Our new importation of FRENCH PERCHERON STALLIONS was landed at our barn, at Shenandoah, Iowa, September 16. Buyers will find at our establishment 60 Head of first-class Percheron stallions from which to make their selections. Prices are made right. Come and see the horses. It will do you good. Mention Kansas Farmer when you write. M. L. AYRES, Shenandoah, Iowa.



THE LINCOLN IMPORTING HORSE CO.,

LINCOLN, NEBRASKA, Calls Attention to the Following Facts: Our Percheron stallions are beautiful coal blacks. Our English Shire stallions are clean chestnuts and dark bays. Good bone, good back, good quarters, and GOOD ALL OVER. With moderate flesh, 2-year-olds weigh 1675 to 1800. They show action and style equal to an English Hackney. The exhibit made was at the Nebraska State Fair. They won first in their classes and sweepstakes over all ages. We boldly assert no better stallions in America.



Draft Stallions. PERCHERONS, SHIRES, AND CLYDES.

Choicest collection of imported Black Percherons west of the Mississippi River. All horses personally selected by a member of the firm with the aid of our own private interpreter, and a first choice from the oldest and leading breeders of France. All fresh, young stock. If you want a Good Stallion we can suit you. Barns are in town. For further information, address KEISER BROS., Keota, Iowa. (On O. R. I. & P. Railway, 14 miles west of Washington.)



German Coach and Percherons

THIRD importation of German Coach and Percheron horses for 1900 arrived in October. At the last Illinois State Fair we took 15 prizes out of a possible 16. Our buying facilities are unsurpassed as the oldest member of the firm lives in Germany and owns a couple of big stock farms. He buys 25 per cent cheaper, taking quality of stock into consideration than any American buyer can buy. Therefore, intending buyers of first-class stallions and mares will not to their interest by coming direct to our place. Correspondence solicited. OLTMANN BROS., Pioneer Importers of German Coach and Percherons. LEER, GERMANY, and WATSEKA, ILLINOIS.



AMERICA'S LEADING HORSE IMPORTERS.

We imported more prize-winners at Universal Exposition, Paris, and the Government Shows at Amiens and Mortagne than all others combined. Our Percherons won every first prize except one at the Universal Exposition at Paris. We imported more horses from France than any other three firms in America. We are the only firm buying in France without the aid of an interpreter, hence we get the best horses for the least money. More Coach stallions, more ton black Percheron stallions than can be found in the stables of all other importers.

If you want the best, call on or write McLAUGHLIN BROS., Sixth and Wesley Aves., Columbus, Ohio.

Norman Horses

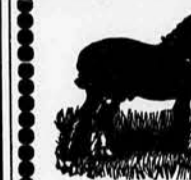
SAMPSON No. 6866 is at the head of the stud. Present weight, 2,350 pounds, and for bone and quality he has no equal in this country.



We guarantee satisfaction and can undersell all competitors, as the purchaser pays but the actual producing price.

ALSO SHROPSHIRE SHEEP and POLAND-CHINA HOGS. L. M. HARTLEY, Proprietor. SALEM, IOWA.

ENGLISH SHIRE, and PERCHERON STALLIONS.



WATSON, WOODS BROS. & KELLY CO., Importers of DRAFT STALLIONS. Lincoln, Neb. Three importations made in 1900.

All our horses are personally selected by Mr. Watson, who buys only of the best breeders in Europe. Mr. Watson was the World's Fair Judge of Draft Stallions. Our December importation is the 25th shipment made direct from Europe by him. OUR STABLES are located corner Ninth and E Streets. Our office on the ground floor of the Burr Block TWELFTH AND O STREETS. We invite inspection. No trouble to SHOW HORSES. Visitors welcome.

PURE PERCHERONS



The Richest Bred Herd in America, —AND THE— Oldest Breeding Establishment in the West

A limited number of choice young stallions for sale (including the herd stallion, Favorite 22937).

Correspondence Solicited. Inspection Invited. HENRY AVERY & SON, WAKEFIELD KANS.



### Columbus Herefords

Herd headed by COLUMBUS 51875. Headed 17th 55487, and Weston Stamp 15th 108383. Columbus is the sire of the \$7,500 Dale, the \$3,350 Columbus 17th, the \$3,000 Columbus 12th, the \$1,350 Viola. Five of Columbus' get, of our breeding, sold for \$7,140 or an average per head of \$1,428. Young stock of both sexes for sale sired by Columbus, and Headed 17th.

**BENTON GABBERT & SON, Dearborn, Mo.**  
Maple Leaf; Chicago, Rock Island & Pacific Railroads.



### SUNNY SLOPE HEREFORDS.

155 HEAD FOR SALE—Consisting of the imported herd bull, Sentinel, 7 2-year-old bulls, 73 bulls from 8 to 18 months old, 80 yearling heifers, and 10 cows.

MY ANNUAL SALE—Will be held at Kansas City in connection with W. S. Van Natta, and Scott & March February 26 to March 1, 1901, when 100 head will be sold from the three herds at auction.

**C. A. STANNARD, - - - Emporia, Kansas.**

## SCOTT & MARCH, .....BREEDERS OF PURE BRED..... HEREFORDS,

BELTON, CASS COUNTY, MO.



BULLS in service, HESIOD 29th 68304; Imp. RODERICK 20155; MONITOR 52975; EXPANSION 93662; FRISCOE 93674; FULTON ADAMS 11th 62721. HESIOD 29TH 68304.

Twenty-five miles south of Kansas City on Frisco, Fort Scott & Memphis and K. C., P. & G. Railroads.



### ...GUDGELL & SIMPSON... INDEPENDENCE, MO., .....BREEDERS AND IMPORTERS OF.....

## HEREFORDS.

One of the oldest and largest herds in America.

ANXIETY 4th blood and type prevail.

BOTH SEXES, IN LARGE OR SMALL LOTS ALWAYS FOR SALE.

## T. K. TOMSON & SONS,

\* \* Proprietors of \* \*

### ELDERLAWN HERD OF SHORTHORNS DOVER, SHAWNEE COUNTY, KANSAS.

GALLANT KNIGHT 124488 in service. Females are pure Scotch and Scotch-topped on the best American families. 100 head in herd. A choice lot of young stock for sale. Correspondence and inspection invited.



### PEARL SHORTHORNS.

HERD BULLS:  
BARON URY 2d 124970. LAFITTE 119915.

A FEW CHOICE YOUNG BULLS FOR SALE  
RANGING FROM 5 TO 20 MONTHS.

**C. W. TAYLOR, - - Pearl, Kansas.**

### VALLEY GROVE SHORTHORNS.

THE SCOTCH BRED BULLS

Lord Mayor 112727, and  
Laird of Linwood 127149  
Head of the Herd.

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

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

## GALLOWAYS.

Largest Herd of Registered Galloways in Kansas.

Young bulls, cows, and heifers for sale.

**E. W. THRALL, Eureka, Kans.**

## GALLOWAYS.

LARGEST HERD OF REGISTERED GALLOWAYS IN THE WORLD.  
Bulls and females, all ages for sale—no grades. Carload lots a specialty.  
**M. B. PLATT, Kansas City, Missouri.**  
Office at Platt's Barn, 1613 Genesee Street.



# SEVENTEENTH ANNUAL SALE FROM THE ELMWOOD HERD OF Shorthorns

Tuesday, March 12, 1901, at Manhattan, Kans

We will sell a very choice lot of useful Shorthorns. Of the 35 head 22 are young bulls, from 12 to 21 months old, and good size for age. The balance will be young cows and heifers with calves at foot or bred to our Scotch bull, Red Knight 120752.



This offering will be of fine colors and choice breeding, being Rose of Sharons, Flat Creek Marys, Josephines, Lady Elizabeth, etc. We believe this will be the best lot of young bulls offered at public sale in the west this year. : :

We should be pleased to have you come to the sale, or send mail bids to Col. J. W. SPARKS AUCTIONEER.

Catalogues sent on application to.....

**Gifford Bros. Milford, Kansas.**

Attention is called to the Shorthorn Sale of H. Tudor, at Holton, Kans., March 19, 1901.

## TEBO LAWN HERD SHORTHORNS

—HERD BULLS ARE—

IMPORTED COLLYNIE 135022 bred by Wm. Duthie.  
IMPORTED BLYTHE VICTOR 140609 bred by W. S. Marr.  
IMPORTED BAPTON MARQUIS bred by J. Deane Willis.  
ADMIRAL GODOY 133872 bred by Chas. E. Leonard.

FEMALES are the best CRUICKSHANK families topped from the leading importations and American herds. These added to the long established herd of the "Casey Mixture," of my own breeding, and distinguished for individual merit, constitute a breeding herd to which we are pleased to invite the attention of the public. Inspection and correspondence solicited. Address all correspondence to manager.

**E. M. WILLIAMS,**  
Manager.

**G. M. CASEY, OWNER,**  
SHAWNEE MOUND, HENRY COUNTY, MO.

## SHORTHORNS AT AUCTION!

OSCEOLA, CLARKE CO., IOWA, MARCH 11 and 12, 1901



The Clarke County Shorthorn Breeders' Association will hold their Annual Sale of Shorthorn Cattle on above dates, at which time 112 head will be sold from 9 different herds of the Association, which will be a closing-out of the Mordica Hill Herd, and also the entire Kelsor Herd lately purchased by Cooley & Son, and contributed to this sale. Sale will be held in new Sale Pavilion, recently erected. Come everybody. All visitors from a distance entertained free at hotels.

## HIGGINS HOPE HERD

Registered Poland-China Swine.

Having disposed of my entire crop of spring pigs, I now offer 25 SOWS, bred to my herd boar, PERFECT WM KNOW. These are tried animals and I offer them to accommodate those who have not secured pigs from this sire.

**J. W. Higgins Jr., HOPE, KANSAS.**

## Draft Stallions OF THE SHIRE, CLYDE, AND PERCHERON BREEDS.

IMPORTED, and HOME BRED All Ages  
POLLED DURHAM AND SHORTHORN CATTLE. POLAND-CHINA HOGS. Prices Right.

**Snyder Bros., Winfield, Kans**

## 250 HIGH GRADE ANGORA DOES

All pure white, thin pendulent ears. : : : Will sell very cheap if taken soon.

**W. T. McINTIRE, Live Stock Exchange, - - Kansas City, Mo.**

"PASTEUR VACCINE"  
SAVES CATTLE FROM  
**BLACKLEG.**  
PASTEUR VACCINE CO., Chicago. BRANCHES: Kansas City, Omaha, Ft. Worth, San Francisco.















**KANSAS FARMER.**

Established in 1863.

Published every Thursday by the  
KANSAS FARMER CO., : TOPEKA, KANSAS.

E. B. Cowgill.....President  
J. B. McAfee.....Vice-President  
D. C. Nellis.....Secretary and Treasurer

**SUBSCRIPTION PRICE: \$1.00 A YEAR.**

E. B. Cowgill.....Editor  
H. A. Heath.....Advertising Manager  
W. B. Roby.....Circulation Manager

**ADVERTISING RATES.**

Display advertising, 15 cents per line, agate (fourteen lines to the inch).  
Special reading notices, 25 cents per line.  
Business cards or miscellaneous advertisements will be received from reliable advertisers at the rate of \$5.00 per agate line for one year.  
Annual cards in the Breeders' Directory, consisting of four lines or less, for \$10.00 per year including a copy of the Kansas Farmer free.  
Electros must have metal base.  
Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.  
To insure prompt publication of an advertisement, send cash with the order; however, monthly or quarterly payments may be arranged by parties who are well known to the publishers, or when acceptable references are given.  
All advertising intended for the current week should reach this office not later than Monday.  
Every advertiser will receive a copy of the paper, free during the publication of the advertisement.  
Address all orders—

KANSAS FARMER CO.,  
116 W. Sixth Ave., Topeka, Kans.

**\$5,000 FOR BLOODED STOCK AT THE AGRICULTURAL COLLEGE.**

A month ago the agricultural college had one Guernsey bull that was bought by the college. Since then, through the generosity of public-spirited breeders, the college has received the following: From J. M. Foster & Co., Topeka, a Hereford bull, 9 months old; from Geo. W. West & Son, Silver Lake and from Steele Bros., Belvoir, each a Hereford heifer, 10 and 21 months, respectively; from John Warner, Manhattan, and Groom Bros., Panhandle, Texas, each a Shorthorn heifer; from W. O. Park, Hutchinson, a 19 months old Angus bull; from H. Smith, Colwich, a Poland-China sow. There are rumors of other donations of hogs that will no doubt be forthcoming. C. E. Westbrock, of Butler County, has a member of his breed of sheep for the college as soon as some other sheep man feels the same spirit of enterprise.

It is the idea of the college people to maintain typical specimens of the pure breeds, and a trio of each is all that is thought necessary for a beginning. The Breeders Gazette, in an editorial, "Equip the Agricultural Colleges," makes the following comment: "The states that have been conspicuous for their liberal handedness in this direction are Iowa, Wisconsin, and Minnesota. Without reference to the facts and figures—except to say that the Iowa school has had at least \$50,000 at its disposal for the purchase of pedigreed stock and other stock for experimental and educational purposes—it is enough to recall that the work with live stock has done more to bring the agricultural colleges of these states to the attention of the world than all the other lines of work projected. The overflowing short courses in these institutions and the phenomenal increase in the growth of the attendance in the long courses, speak eloquently of the influence of the work with live stock made possible through the liberality of the states named with their agricultural colleges." Further on the writer says: "It is significant of the awakening on this subject that Kansas is also making a similar appeal. The Sunflower state owes its wonderful progress to the help of the stock industry. The college at Manhattan has for years been a force in the educational field of that state and a potent influence for the advancement of agriculture in the West and certainly deserves all that can in reason be asked in the way of equipment for further work."

Briefly stated, the college needs and must have in order to carry on the work it is intended to do, representatives of the four leading beef breeds of cattle. These are Hereford, Shorthorn, Angus and Galloway. In three of these a start has been secured. Beef production can not be properly taught without the means of illustration. The college gets numerous questions as to the general purpose breeds. It is essential that they be represented and tried at the college. These are Red Polled, Polled Durham, and Brown Swiss. The dairy breeds must also be represented. The western part of the state wants a cow that can travel and graze over a large area for her food. The Ayrshires are particularly adapted to this mode of living in their native land, and are excellent milkers, but it is not known that there

is a single animal of this breed in the state. The Guernsey, Holstein, and Jersey also need to be tried and their adaptability determined.

There are eight breeds of swine concerning which the college is asked. Representatives of these should be provided. Twelve breeds of sheep, to say nothing of goats, demand attention. Chickens, turkeys, geese, and ducks must also be represented. Breeds of draft, carriage, and saddle horses demand representation. There is no place in our state where a young man may go and learn how to judge a horse, to feed and care for it while well, or to attend to it when ailing. The more breeds there are represented the broader minded the student will become. He will see that no breed possesses all the desirable points, but he will learn what is desirable, to what conditions it is best adapted, and so be able to select what is best under his conditions.

It will be readily seen that the present appropriation, which has cost the farmers of the state who own over \$3,000 worth of property, something like 2 1/2 cents each, would hardly pay the freight and other necessary expenses. If any start is to be made in the line of pure-bred stock before the next legislature meets, it must rest with the breeders to wholly or partially donate. Certainly all the public spirit and generosity in this line is not possessed by the seven or eight breeders who have responded.

**A CONTEST OF LETTERS.**

To know how to write a letter or other paper in correct form is extremely desirable. Contempt for or neglect of correct form marks the difference between the cultured and the uncultured person. Care to use correct form is not artificiality, but is a result and sign of qualities which are admired by both the learned and the unlearned.

Secretary Coburn has done many original and novel things in the interest of Kansas. What he will do next no one can predict, but what he has done last is always commended. Just now, he has in a practical way called the attention of a couple of hundred young people to the importance of writing a business letter in a business way. A few weeks ago, Professor Cottrell wrote to Secretary Coburn asking copies of the Twelfth Biennial Report of the Kansas State Board of Agriculture for the members of his class in agriculture. This letter brought the following from Mr. Coburn:

Capitol Building,  
Topeka, Kans., January 22, 1901.  
Prof. H. M. Cottrell, Kansas State Agricultural College, Manhattan.

My Dear Sir: The Twelfth Biennial Report of the Kansas State Board of Agriculture is now ready for distribution, containing a large fund of information intended to be useful to those interested in agriculture in this state. While the limited edition makes it possible for only about one Kansas farmer in twenty to be supplied with a copy, I am especially anxious that the bright young farmers at the agricultural college have their full proportion, with the others.

With a view to having the distribution made to those most appreciative and deserving, you may say to the students in your classes in agriculture and dairying that I will do the best I am able in response to their letters of application, giving preference to the best worded, best spelled and best written letters, and to those in which the writer declares his intentions to continue in the business of farming, stock-raising or dairying after leaving college.

These letters to be received by me on or before Monday, February 11th, proximo; to ask for but a single copy of the report and it to be sent direct to the applicant. No attention will be paid to postal card applications, or slovenly letters.

To each of the writers of the best two letters I will send a copy of the report bound in half-morocco and lettered with the names of those to whom they are sent; the awards to be made by some competent business men or man, selected for that purpose.

Very truly yours,  
F. D. COBURN, Secretary.

The requests written by the students to Mr. Coburn were referred to the editor of the KANSAS FARMER accompanied by the following letter:

Capitol Building,  
Topeka, Kans., February 11, 1901.  
Prof. E. B. Cowgill, Editor KANSAS FARMER, City.

My Dear Sir: The enclosed copy of a letter written to Prof. H. M. Cottrell, of the Kansas State Agricultural College, is self-explanatory. I had you

in the same connection about 200 letters from the agricultural and dairy students of the college, which the letter to Professor Cottrell has brought out within the time specified.

I will be greatly favored if, in accordance with your verbal expression of a willingness to do so, you take these letters, and with two other such competent gentlemen as you may invite to act with you, you will examine them carefully, and then return the letters to me, with a statement as to whom you have awarded the two volumes to be bound in half-morocco and lettered with the names of the students best entitled to them.

I am profoundly interested in helping these young men who are trying to learn the methods of a better agriculture and animal husbandry; not only in helping them along agricultural lines, but in others, conducive to their welfare, in every good way, and any observations or suggestions you and your two associates will make in reference to the letters written me, I will be glad to have, with a view to laying them before the students for their information.

While I know this is trespassing on your very valuable time, I am sure it is a matter in which you cordially sympathize, and if you can give it reasonably early determination I will be under many obligations.

Very truly yours  
F. D. COBURN, Secretary.  
After careful examination of the letters the following report was made to Secretary Coburn:

Office of the KANSAS FARMER,  
Topeka, Kans., February 20, 1901.  
Hon. F. D. Coburn, Secretary Kansas State Board of Agriculture, City.

My Dear Sir: As requested in your letter of February 11, I have examined the letters from agricultural and dairy students at the agricultural college, requesting copies of the Twelfth Biennial Report of the Kansas State Board of Agriculture, and with the assistance of Professor L. R. Cartwright, instructor in English literature at Washburn College, and Mr. W. B. Robey, an experienced business man of this city, have selected the letters of Mr. W. M. Powell and Mr. S. V. Smith as the two entitling the writers to the prizes offered under the conditions of your letter of January 22, 1901, to Professor Cottrell. I hope to present fac similes of these two letters, with some remarks germane to the subject at an early date in the KANSAS FARMER.  
Yours very truly,  
E. B. COWGILL, Editor KANSAS FARMER

**MR. W. M. POWELL'S LETTER.**

Based on this report Secretary Coburn wrote to Professor Cottrell as follows:

Capitol Building,  
Topeka, Kans., February 21, 1901.  
Prof. H. M. Cottrell, Kansas State Agricultural College, Manhattan.

My Dear Professor: January 22d, ultimo, I wrote you suggesting that to such extent as was possible I would furnish copies of this board's twelfth biennial report to the students in your classes in agriculture and dairying, who, before February 12th inst. made application by letter; also that to each of the writers of the best two letters I would send a copy of the report specially bound and lettered.

In response I have applications from 192 students; these were referred for examination to Prof. E. B. Cowgill, editor of the KANSAS FARMER, and two such other gentlemen as he might select. He chose as his associates Prof. L. R. Cartwright, instructor in English literature at Washburn College, and Mr. W. B. Robey, for many years connected with the business office of the Topeka Daily Capital. These gentlemen have, after a careful canvass, decided that under the requirements the letter written by Mr. W. M. Powell is first-best, and that of Mr. S. V. Smith second-best. The specially bound books will be sent directly to Messrs. Powell and Smith as soon as the binder can make them ready.

In your name I have now shipped by Rock Island freight, prepaid, four boxes of the biennial report, each volume wrapped, and bearing the name of a student from whom I have a letter—one volume to each applicant except Mr. Powell and Mr. Smith. You will do me a favor by seeing to it that these volumes are safely delivered into the hands of those to whom they are addressed.

It affords me, I assure you, no small pleasure to be in position to contribute this literature to the young men who through the medium of our agricultural college are striving to prepare themselves for larger usefulness and better citizenship. If it proves in any way promotive of their welfare and helps to a deserved appreciation of Kansas and the immeasurable opportunities she holds out to all her children, the state board of agriculture will be justified and consider itself richly compensated.

Very cordially yours,  
F. D. COBURN, Secretary.  
Following are photo-zinc reproductions of the two letters for which the prizes were awarded:

*Manhattan, Kans.  
Jan., 30, 1901.  
Hon. F. D. Coburn,  
Secy State Board of Agri.,  
Topeka, Kansas*

*Dear Sir:—  
Will you please send me  
a copy of the "Twelfth Biennial Report" of the State Board of Agriculture.  
I am now attending the Agricultural College and expect to be engaged in agriculture after completing the course.  
Yours Respectfully  
W. M. Powell.*

MR. S. V. SMITH'S LETTER.

Manhattan, Kans.  
Feb. 4, 1901.

Hon. T. D. Coburn,  
Sec. State Board of Agriculture.  
Dear Sir—:

I am a student of the Kansas State Agricultural College, and as I mean to make agriculture my future business, I shall be greatly pleased if you will send me a copy of the Twelfth Biennial Report of the State Board of Agriculture.

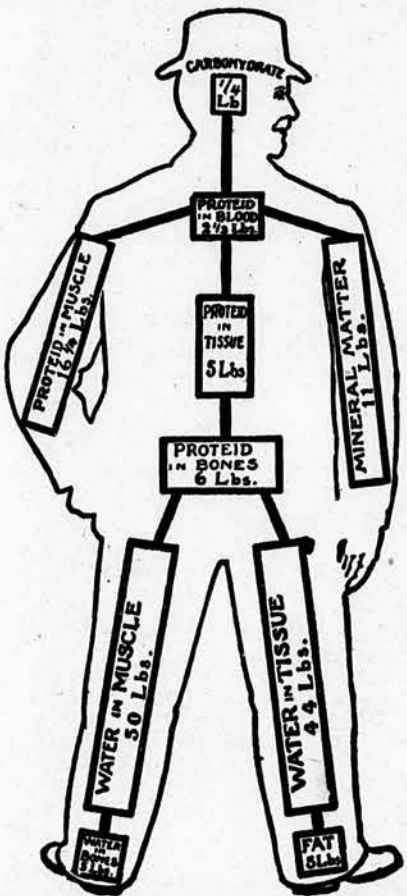
Very Truly Yours,  
S. V. Smith.

These two letters are in pretty good form, but they are not entirely free from flaws. The writer is not oblivious to the fact that what printers call "style" is not clearly set forth in any book. If a student undertake to learn style from the products of the printing offices of Kansas, he will not be long in concluding that no two of them agree as to style. Worse still, he will find that scarcely a paper, magazine, or book which he may examine critically, is consistent in its use of capitals, punctuation, or compound words. It is a de-

plorable fact that the English language is still in a somewhat unsettled condition on these points. The grammars and rhetorics are usually unsatisfactory and often contradictory as to details. It will be well, however, for every person who writes even an occasional letter to use diligently such aids as may be obtained. One of the most useful helps to correctness of detail in writing is a little book recently published by D. Appleton & Company, New York, under the caption, Punctuation, with Chapters in Hyphenization, Capitalization, and Spelling, by F. Horace Teall.

WHAT A MAN IS MADE OF.

In all the talk about balanced rations, little is said about a balanced ration for man. He needs it as much as any animal. He is made of pretty



much the same material as his horses, and in pretty much the same proportion. His food is likely to be short on pro-

tein. This can be supplied from either the animal or vegetable kingdom. The muscles with which he performs his labor, the tissues which join his several parts together, the brain with which he does his thinking, the bones which form the frame-work of his body, the hair which covers his head, the blood with which he renews his strength—all these contain protein, or proteids. Study this diagram and then study your family rations.

WISE OBSERVATIONS.

Jno. W. Springer, president of the National Live Stock Association, says: "No stockman will prosper who does not read and liberally advertise in stock journals, papers and magazines.

"The stockman who gains the greatest reward will be he who places quality above quantity in all of his dealings in live stock.

"No state can realize a heavy immigration that is not liberal with the live stock interests.

"No railway management will prosper long which turns a deaf ear to the complaints of stockmen.

"The race is not always to the swift nor the battle to the strong, but the stockman who uses only thoroughbred bulls will have the best bunch of yearling steers."

Government Hog Cholera Remedy.

In publishing the government hog cholera remedy, February 14, an important ingredient was left out. Following is the remedy:

- Pulverize and mix thoroughly:
1 part wood charcoal.
1 part sulphur.
2 parts sodium chloride (salt).
2 parts sodium bicarbonate (soda).
2 parts sodium hyposulphite.
1 part sodium sulphate.
1 part antimony sulphate.
Dose, 1 tablespoonful for each 200 pounds weight of hog once a day.

KANSAS BUTTER THE BEST.

Kansas butter-makers went after the first prize banner offered by the National Creamery Butter-makers' Association, at its annual meeting for 1901. Kansas butter-makers brought this prize banner home with them. In recognition of this honor won for the state, the senators on last Monday went in a body to the house of representatives and a joint session was held with Secretary Coburn as presiding officer. Mr. T. A. Borman, secretary of the Kansas State Dairy Association, produced the gorgeous banner and turned it over to the keeping of the Kansas State Board of Agriculture.

It was once thought that Kansas climate and Kansas feeds were not quite adapted to the production of butter of the highest excellence. But experience has shown that Kansas enterprise is able to so apply science to the situation as to bring the best results from Kansas conditions. It was necessary only that these conditions should be understood and rightly applied to demonstrate their superiority by the superiority of the results.

The butter-makers of Kansas have done a distinguished service for the state and they may be depended upon to maintain the reputation they are doing so much to make for Kansas.

Gossip About Stock.

(Continued from page 217.) ing demands on them for stock. All animals bred and sold by them heretofore has given them an enviable reputation as breeders of the most desirable Herefords.

M. W. Leonard of Fayette, Mo., one of the leading Hereford breeders of Missouri, has by reason of the encroachments of the town and railroads upon his farm felt impelled to part with his splendid herd of cattle which consists of 42 cows, 6 yearling heifers, 3 yearling bulls and 16 calves 6 to 12 months old—70 head in all—which now go at a long price to the famous Sunny Slope farm of C. A. Stannard of Emporia, Kansas. This celebrated herd bull, Heslod 30th, for which Mr. Stannard recently refused \$1,000, is included in the Sunny Slope acquisition.

Sunny Slope Tom 6th, one of the best sons of Mr. Stannard's celebrated herd bull, Wild Tom, and reserved for some time as his successor, has been sold for \$1,500 to head the herd of E. W. Creed, Youngstown, Ohio. Sunny Slope Tom 6th was one year old the 28th of last October, and is a magnificent animal for his age. He was shipped to Kansas City last Monday and exhibited enroute at Kansas City during the great combination sale held at the stock yards pavilion this week. This young sire is a credit to Sunny Slope herd and will undoubtedly make a deserved reputation as a herd header.

Among all the buyers at the Moffit and Frest sale at Shenandoah, Iowa, last week, none interested the writer more than Mr. J. C. Hall, of Hallsville, Mo., who bought two of the best things in the sale beyond doubt, to add to his already prominent herd of richly bred Shorthorns, viz.: Mazurka Belle 2d at \$185, and Jessie 2d for \$200. A glance at the catalogue shows them to be among the most richly bred cows in the offering, and also of the most fashionable families. Mr. Hall is a discriminating buyer, and knows a good thing when he sees it. He seems to think the best is none too good for his herd. He will be heard from further, later on.

Kansas breeders and farmers are cordially invited to make the occasion of H. O. Tudor's sale of Shorthorns, to be held at Bill Brook Farm, near Holton, Kans., on Tuesday, March 19, 1901, a regular rally of good people who wish to buy good cattle and at the same time inspect one of the best farms in Kansas and 40 cows and heifers, very desirable, and 10 serviceable bulls. It will be a big bargain day for buyers and a day of interest to all fortunate enough to be present. Mr. Tudor is very desirous of having a good crowd at the opening event of what is intended to be the biggest and one of the very best Shorthorn breeding establishments in Kansas. Catalogues will be sent only on application. Watch for further announcements of the offering next week.

W. O. Park of Atchison, Kansas, donates a fine 18 months' old Angus bull calf as a start for this bred at the agricultural college. Axtell of Osborne, Mo., 38360, the calf donated is by her famous Axtell of Estill, the highest priced Angus bull sold in 1898, and is out of the cow Queen Laura, the highest priced female in Mr. Park's herd. A half brother of Axtell of Osborne stood fifth in his class among the 150 yearlings exhibited at the International show at Chicago last fall. The calf was bid in at the sale at Osborne farm in Jackson county, Tuesday, February 19, by J. G. Haney, of the college, for \$220, a farmer near Mr. Park's ranch being the opposing bidder. This makes the third breed of pure-bred cattle now represented at the college as a result of the generosity of the breeders.

The three days' sale of Herefords at the Fort Worth stock show resulted in the disposal of \$31,000 worth of white-faces. Twenty-one head were offered by Reynolds Bros., of Higby, Mo., which sold at an average of \$149. The highest price was \$265, paid by F. G. Oxsheer for Oakwood Heslod XXX. Snowdrop, yearling heifer, sold to Herman Specht for \$250. Oakwood Heslod 23d sold to F. G. Oxsheer at \$235, and King Saul for \$250. Mr. Oxsheer also bought John Abness for \$230. These were the only ones bringing above \$200. The sale of Herefords by Gudgeon & Simpson, C. A. Stannard and Scharbauer Bros., was a successful one. The attendance was liberal and the bidding active. The highest price was \$605, paid by Brooks Bell, of Colorado City, Texas, for Blanchard 109738, a yearling calf. Six hundred dollars even was paid by Captain

943
The actual bonafide net increase since the first of January and the campaign has hardly begun. Watch the "old reliable" KANSAS FARMER climb for the 50,000 mark. Such encouragement as the following letters contain helps to make the ascent easy and swift.
Now at the Top.
KANSAS FARMER, Topeka, Kans.
I feel that it would hardly be treating you civilly to continue reading all these extra numbers of the FARMER without at least letting you know that such an immense amount of useful and reliable information is duly appreciated. Every phase of farm life has been illuminated by some specialist lately. Thanks for the energy and liberality which furnishes so much that is so very practical and helpful.
When I came to the state several years ago I thought the KANSAS FARMER a pretty weak affair, and quit taking it, but I now know that it is climbing toward the top among the very best and foremost papers of its kind in the United States, and ought to be read by everyone in the state who farms.
Wishing it increased success in the future, I am,
Very respectfully,
Hollis Kans. A. MUNGER.
The Paper for the West.
KANSAS FARMER, Topeka, Kans.
Find enclosed money order for one dollar to apply on subscription. The FARMER is one of the best papers in the West for the farmer and stock-raiser, and especially the Kansas farmer.
Imperial, Kans.
A. P. MILLER.

S. B. Burnett, of Fort Worth, for Luminous 109744, a 11-month-old bull calf. The average on the northern bred cattle was \$230.86.

The seventeenth annual Shorthorn sale by Gifford Bros., Milford, Kans., to be held at Manhattan, Kans., on Tuesday, March 12, 1901, consists of an offering creditable to any breeding establishment, and is by far the best offering in all respects ever made by Gifford Bros., who have so long been recognized as leading breeders of the reliable sort of cattle. The offering consists mainly of young bulls (the entire crop), none having been sold at private sale. Nearly every one of the 22 bulls catalogued was sired by the best herd bull they ever owned, Red Knight 120752, a Scotch bull of the Mysie tribe, which has been at the head of Ellinwor herd for three years. He is a very large, compact, deep-bodied bull, on very short legs. He has proven a most acceptable sire, as all will say when they see his get, and it is the judgment of the writer that a better lot of bulls will not be offered in the West this season. Only a dozen cows and heifers will be included in this sale but they represent a fair divide of the good things in the herd, and are principally Young Marys, Goodnesses, and Josephines. Last year's sale by Gifford Bros. was very acceptable to buyers and this one will be still more so, especially to bull buyers. All animals are in excellent condition. Send for catalogue and mention Kansas Farmer.

Colonel McCracken says: "If you want to do a profitable business, learn what the people want and give it to them in large doses." If we have what you want and you have room for one more brood sow, it is good business to buy her and put her to work. With a shortage of nearly 25 per cent in the number of hogs in the United States and a steadily increasing home consumption and a daily extension of our foreign trade, it will take two years to get the supply up to requirements, let the producer be ever so industrious. The recent advance and sharp demand plainly indicate that some of our people, at least, are awakening to this situation. Sixty head of high-class brood sows, none better bred to 10 boars of which there are no better ten boars, will be sold here at your price March 2d, at Kansas City—5 by Chief Tecumseh 2d, 7 by Chief I Know, 4 by Perfect I Know, 12 by Hadley Jr., 3 by Missouri's Black Chief, 4 by Chief Eclipsed, 2 by Lea's Wonder, 1 by Chief Perfection 2d, 1 by Black U. S., and 20 granddaughters. We ask you to come to the sale. Stop at Stock Hotel at our expense." The foregoing is the novel and business like announcement of the grand sale of Poland-China hogs to be held at Kansas City, on March 2, by Kirkpatrick & Son and W. P. Goode.

When the breath is foul and the appetite disordered, Prickly Ash Bitters is the remedy needed. It purifies the stomach, liver and bowels, sweetens the breath, promotes vigor and cheerfulness.













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Suitable for every class of work.

All styles. Only combination 1 and 2 wheel cultivator and drill made. Every way adjustable. All our tools have tough oak bent handles and are made of best material throughout. Popular prices. Send for catalog, describing complete line, and valuable book.

AMES PLOW CO., 42 Market St., Boston.

**The Apiary.**

Conducted by A. H. Duff, Larned, Kans., to whom all inquiries concerning this department should be addressed.

**Inquiries About Bees.**

Being interested in the bee department of the KANSAS FARMER, and knowing nothing about bees, I would be glad to have some information concerning them if you would kindly answer some questions. What do you feed bees, and how do you feed them? What is the cost of feeding a colony, and how much can be made from a colony in one year? By a colony of bees, do you mean an ordinary hive of bees? Can a green hand take bees and handle them without getting stung? How many hives or colonies will come from one hive in a year? Is it necessary to have the hives near trees?

E. OSBORN,  
Fredonia, Kans.

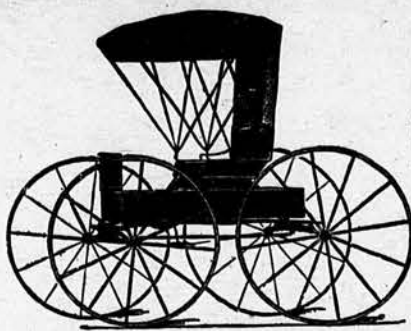
We feed bees sugar. Usually the best grades of granulated sugar. The sugar is made into sirup by adding a little water and heating it. The sirup for feeding should be about like thin molasses. The best way to feed a colony of bees is to add an upper story to the hive, considering of course that we are using the modern frame hives, this being an empty brood chamber, or an empty super, set directly above the hive to contain the feeders. These feeders may be made by any one from blocks of wood filled with holes not entirely through the block, thus forming a trough for the sirup. The partitions between the holes form footholds for the bees, and thus prevent them from drowning in the sirup, as they would otherwise do in ordinary vessels. Supply dealers make bee feeders something on this principle and they may be bought cheap. When feeding a colony, keep the upper chamber containing the feeders well enclosed to prevent bees getting in from the outside. Bear in mind that we do not feed bees to produce surplus honey, but only to furnish them a living until the honey season opens. Feed bees only late in the evening, and as near dark as you can see to do the work.

As to the cost of feeding a colony, it depends whether or not they have any honey in the hive, or what you are feeding for. To feed a colony in autumn enough to winter on if they have no honey in the hive of their own, would require 20 or 25 pounds of sugar, but to feed during springtime to stimulate brood rearing before the honey season would require but a few pounds to the colony. A hive of bees is now usually termed a colony of bees.

Beekeeping is undoubtedly profitable, or it would not have developed into such a business. Beekeeping is like many other things; sometimes it hits, and again it misses—something like corn and wheat crops in Kansas. I might here quote reports that I know are reliable, both good and bad, but I prefer to give my own experience. I have kept bees for twenty years, and during this time worked them on the latest improved systems that came up. I do not think my bees ever paid me less than an average of \$3 per colony, and they have made me as high as \$50 per colony. The products were bees, queens, and honey, not strictly honey alone.

A green hand knowing nothing about bees, and having no experience with them, would be very apt to meet with a warm reception if he opened a hive of bees at certain times. And in fact if he had to learn everything by experience, and without the assistance of books, it would be better not to engage in the business. The advantage the beginner has now is the text book that required the lives of several generations to produce. It is best to read up in some good work on bees, and quite a number of them are now published. It is all right to also have a colony of bees to practice with while you read. It takes actual practice as well as book knowledge to make a successful beekeeper.

Ordinarily, a good colony of bees in spring, with a fair honey season, will throw off three or more swarms, and besides may lay up some surplus honey. In extreme cases, one colony may increase by natural swarming to six or more. By artificial increase one colony has been made to produce 20 or 25 colonies, but this in extreme cases, and the bees well fed. It is not the best plan to try to increase too rapidly, even if we are very anxious to get more colonies, and especially so with the beginner. It is best to control swarming to some extent, and try to make the bees pay expenses in surplus honey, which they will mostly do, and very often



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Costs Little. Does Much. Any Child Can Run It

can do more work in a day than 5 men with HOES. All made of steel. Propelling force goes direct to wheel. Tempered steel springs, automatic adjustment. See it at your dealers or write for free Catalog to


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Examine one and you will see at once its superiority over any engine on the market. Practical, safe, simple and economical. A boy can run it. It makes farm work easy. Write today for Catalogue.

Davis Gasoline Engine Works, Waterloo, Iowa.



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**AUTOMATIC WAGON TONGUE SUPPORT.** Holds the tongue just where it is wanted.

**OUT-OF-SIGHT THIRD SEAT.** For carriages. A convenience when needed. No inconvenience when not in use.

**SAFETY-DROP FOR CARRIAGE TOPS.** When used once, always used. Write for prices and particulars. Address

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We will send you our **QUAKER CITY GRINDING MILL** and you may try it on corn and cob and all small grain, in competition with any mill of any make. If ours is not the most satisfactory and the best, send it back to us without cost to you. Send for our 32nd annual catalogue M13-11's free.

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**LIFE SIZE DOLL FREE** "Baby's clothes will now fit Dollie."

Girls can get this beautiful Life Size Doll absolutely free for selling only four boxes of our Great Cold & Headache Tablets at 25 cents a box. Write today and we will send the tablets by mail postpaid; when sold send us the money (\$1.00) and we will send you this Life Size Doll which is 24 inches high and can wear baby's clothes. Dollie has an Indestructible Head, Golden Hair, Rosy Cheeks, Brown Eyes, Kid Colored Body, a Gold Plated Beauty Pin, Red Stockings, Blue Shoes, & will stand alone. This doll is an exact reproduction of the finest hand painted French Doll, and will live in a child's memory long after childhood days have passed. Address

NATIONAL MEDICINE CO.,  
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If ruptured write to Dr. W. S. Rice, 859 Main St. Adams, N. Y., and he will send free a trial of his wonderful method. Whether skeptical or not get this free method and try the remarkable invention that cures without pain, danger, operation or detention from work. Write to-day. Don't wait.

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When you buy a carriage, buggy or harness. Choose from the biggest stock and fullest assortment, and pay only the cost of making, with but one moderate profit added. Our plan of selling direct from the factory insures satisfaction—your money back if you're dissatisfied with your purchase—and enables you to **save the dealer's profit.**

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**CELEBRATED • DES • MOINES • EVENERS.**

No. 5, for Gang and Sulky Plows. Works one horse in the furrow and three on the land. With attachments, works on plows with up and down clevis. With a change of irons, works on Wheat and Corn Binders, right and left hand. We have made nothing but four-horse eveners for 10 years. Drop us a card with name and address and let us tell you what others say about them. Prices reduced this season.

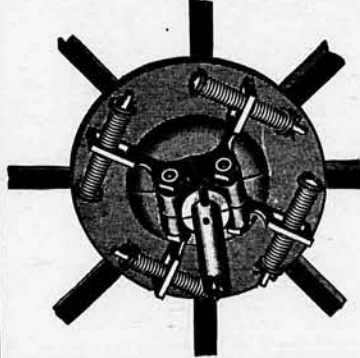
**DES MOINES EVENER CO.,** Des Moines, Iowa.



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**THE IMPLEMENT MFG. CO.,**  
Department E. DAVENPORT, IOWA

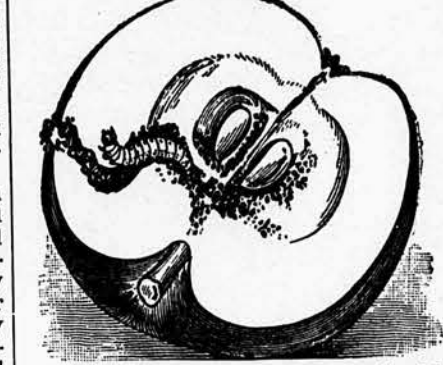


give a good profit besides. We can only get the largest honey crops, by keeping down increase of colonies to a greater or less extent. But this is not exclusively so, for in some cases we may fail by not allowing a colony to swarm.

It is very nice to have the hives of bees sitting about trees. An orchard is an ideal place for bees. But it is not necessary to have trees about the apiary. Hives may sit out in the open ground, and I would prefer them so, rather than to keep them in a dense shade, but a partial shade is perhaps preferable. When bees swarm, they like trees and shrubbery to settle on, and in most cases will settle pretty low, or near the ground. But occasionally they will rise to the top of the tallest trees, and on this account we will find it very inconvenient to have the apiary near very high trees.

**Spraying Fruit Trees.**

The question of spraying fruit trees to prevent the depredations of insect pests and fungus diseases is no longer an experiment but a necessity.



Our readers will do well to write Wm. Stahl, Quincy, Ill., and get his catalogue describing twenty-one styles of spraying outfits and full treatise on spraying the different fruits and vegetable crops, which contain much valuable information, and may be had for the asking.

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**FOR \$1.00**

I will send complete set of blue print drawings and full instructions which will enable any handy man to build and put this mill into successful use. It will be found just as represented; a cheap, practical wind power, capable of earning many times its cost. Address H. M. Thomas, Box 576, Duluth, Minn

**ORNAMENTAL FENCE**

25 designs, all steel. Handsome, durable. Cheaper than a wood fence. Special inducements to church and cemeteries. Catalogue free.


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**\$38.35**  
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**PRICE:** Cash with order.....\$38.35  
 Cash on delivery.....43.00  
 Send for the new catalogue and read all the bargains we offer at prices never before approached—as cheap prices on buggies and harness as your dealer pays, saving you traveling men's and dealer's profits. Read our strong guarantee on page 4 of the catalogue and the endorsement of the National Bank of Commerce, of St. Louis. Safe delivery and satisfaction guaranteed or money refunded. Write for new Catalogue today.  
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 BOTH RIDING AND WALKING. A COMPLETE SUCCESS.  
 J. D. TOWER & BRO: "We have given your Surface Cultivator a thorough trial the past season, and we have been highly pleased with the result, not only as regards the superior condition in which it left the soil for conservation of moisture but as to the way in which it handled the weeds. The stiff-stemmed weeds, such as milk-weeds, iron weeds, that dodge the ordinary shovel, had to go. The destruction of small weeds, such as foxtail, was also much more complete than with the shovel or plow."—J. J. Edgerton, Farm Foreman, Iowa Agricultural College, '98. Send for **Treatise On Corn Culture**, and discount to introduce where we have no agt. **J. D. TOWER & BRO.,** 14th St, Mendota, Ill



**64 T Lever Harrow \$7**  
 Made of channel steel. Very hard and strong. 1/4 in. steel teeth fastened with Hexagon nut. The best Harrow on Earth. Weight 170 lb., light but very strong. Same with 5 bars 60 T \$8, 2, 3 or 4 sections, combined 2 and 3 horse evener. Send for Big Free Catalogue to  
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 The only plow factory in the United States selling direct to the farmer.



**\$500.00 in Gold Free.**  
**WAR PUZZLE.**

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We will give **\$500.00 in Gold** to any person who will arrange the 16 letters printed in the square to the left into three names denoting three well-known Generals of the United States Army during the late Spanish War. Remember, we do not want one cent of your money. There is only one condition, which should take less than one hour of your time, which we will write you as soon as your answer is received. In making the three names, the letters can only be used as many times as they appear, and no letter can be used which does not appear. After you have found the three correct names, you will have used every letter in the sixteen exactly as many times as it appears. We make this liberal offer to people with whom we have never before done business will take an interest in whatever future offers we may make. We wish to make a friend of every reader of this paper in the United States and Canada. Try and Win. If you make the three names and send them to us at once on a postal card, who knows but what you will get the gold? Anyway, we do not want any money from you, and a contest like this is very interesting. As soon as we receive your answer we will at once write and notify you. We hope you will try, as we shall give the \$500.00 away anyway. Do not delay. Write at once.  
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*The Topeka Business College*  
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Large School. Reasonable Rates. Good Positions. Catalogue Free. Address L. H. Strickler, Topeka, Kans

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**LITTLE DEVIL WIRE STRETCHER.** Greatest Fence Repairing Tool on earth. By mail 60 cts. Agts. wanted. Z. Shed, Arapahoe Bldg., Denver, Colo.

**PAGE**  
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**TUESDAY, MARCH 19, 1901.**

The offering consists of 40 Cows and Heifers, and 10 Bulls. The cows and heifers are especially select, and all that are old enough to breed are safe in calf to Iowa Scotchman 2d 136861, or to Chieftain 148923, or will have calves at foot at time of sale. The females offered are a very attractive lot and are intended to make reputation for Bill Brook Herd, as the best lot offered at auction this year. The bulls are a strong lot of the blocky type of serviceable age and include 2 herd bulls, Col. Parker 124420, and Baron Kirklevington 134174, which headed the herd of J. L. Miller, Arrington, Kans., a herd purchased by me last fall.

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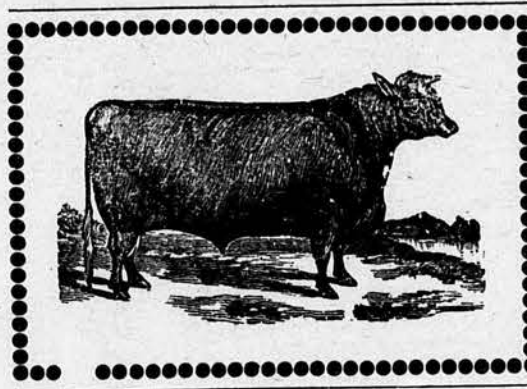
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