







**Gossip About Stock.**

Read E. E. Axline's "ad." in another column.

A car-load of high-grade and pure-bred Herefords is offered by W. E. Spears, of Richmond, Kas., in another column. Read his description.

J. R. Killough & Sons, Ottawa, Kas., advertise twenty-five pigs by J. R.'s Tecumseh, and some unregistered stock at low prices. See their "ad." in another column.

The Sunflower herd of Short-horns and Poland-Chinas contains some of the best blood in existence. Fifty boars and gilts are offered. Mr. Pringle's advertisement appears on the first page.

The handsome group picture in the Elder Lawn "ad." was sketched from life by our staff artist, and fairly represents the type of females in the herd, owned by T. K. Tomson & Sons, Dover, Kas.

An important sale of Poland-China swine is announced for September 27, 1898, by F. L. & C. R. Oard, of Vassar, Osage county, Kansas. This will be a prime offering by enterprising breeders and of a line of breeding and individual excellence that will open the eyes of the Poland-China fraternity.

Walter Morgan & Son, of Irving, Kas., purchased of C. A. Stannard, last week, a very fine burd calf, to use at the head of their herd, for \$300. He is sired by Sir Rodney of Brookside (47151) out of Lady Wilton (42428), being an intensely strong bred Wilton. Mr. Morgan has been using Anxiety-bred sires for a number of years, and we shall look for

the sweepstakes herd. Then there is another pen of four equally well bred and useful sows, all the get of noted sires, and about a dozen tidy gilts, the get of Corwin Chief I Know. Of the males there are several youngsters of show-yard quality, as well as Darkness Wilkes, all to go under the hammer, wielded by Col. S. A. Sawyer. Train leaves Topeka on Missouri Pacific at 8 a. m.

Mr. J. N. Harshberger, the genial "Colonel," of Lawrence, is booking his fall sales. Mr. Harshberger has only resided in Kansas two years, but during that time has demonstrated his ability as a first-class fine stock salesman. His terms are very reasonable and his efforts have never failed to give satisfaction. He maintains a herd of Poland-Chinas, about thirty head, chiefly of the Look Me Over and Hadley Jr. breeding. He is fitting a choice boar pig (April farrow) for the local fairs.

Beef steers sold at \$5.65 in Kansas City last Friday, the highest price for a full load in three years. Three years ago, to a day, the previous highest price for a full load was paid—\$5.75. It was a load of fancy cattle weighing 1,481 pounds. Six head of fancy Hereford Christmas cattle, belonging to Jas. A. Funkhouser, were sold at \$6 on December 9, 1896, nearly two years ago. The next highest price on that day, however, was \$5. The lucky owner of the bunch at \$5.65 was Charles Bosworth, an extensive feeder and a very successful farmer, of Wellsville, Kas. The load contained twenty-four high-grade Herefords, averaging 1,325 pounds. They

Duchess CXX 28675. The prices realized for these, in common with some of the individuals that composed the show herd, were not as high as some expected to see them go, yet all things considered, especially that many of the offerings were scarcely weanlings, the general average ranks it the best sale so far this season. Fifty-seven head brought \$3,101, making a general average of \$54.40.

**Wren's Twelfth Swine Sale, at Marion, Kas., Sept. 14, 1898.**

Our readers interested in Poland-Chinas will doubtless be interested in W. H. Wren's twelfth public sale of pedigreed Poland-China swine, which will take place in the city of Marion, the county seat of Marion county, on Wednesday, September 14. His last spring semi-annual sale was the most successful one he ever made—in fact, his sales since the initial one, several years ago, have steadily advanced in prices realized and the offerings have been considered better than the preceding ones. The coming sale will consist of forty-three head—thirty-five sows and gilts, with eight serviceable boars. Fifteen of the sows will have litters at side and others due to farrow later on after the sale. The writer takes it on himself to state that this offering, individually and collectively, is the best, both as to breeding and individual merit, that Mr. Wren has yet sent into a sale ring. Nothing has been spared to remain at home in the herd that would make an attractive offering in the sale ring. The youngsters at side are the kind that all progressive

**The Song of the Cradle.**



Bye, bye! Hope rises high:  
There's a sweet little cradle  
hung up in the sky;  
A dear little life that is  
coming to bless:  
Two soft chubby hands  
that will pat and caress;  
A pure little soul winging  
down from above;  
A darling to care for,  
a baby to love.

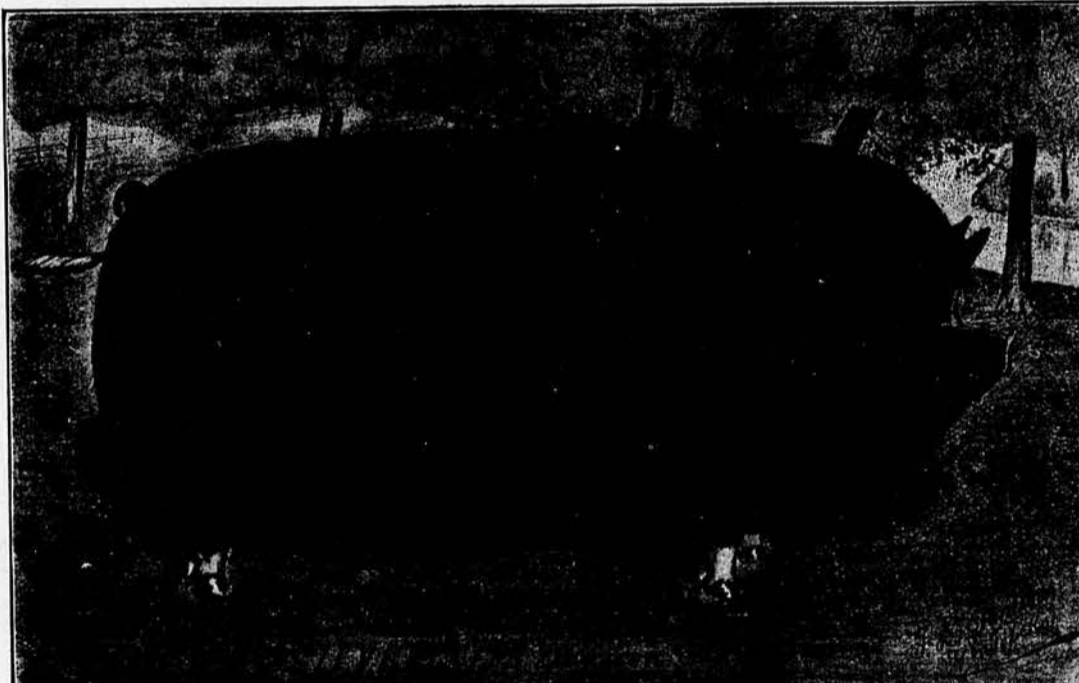
In the days when Eve sinned it was written that motherhood should hereafter be accompanied with pain and sorrow; but this curse upon our fore-parents has been lightened more and more as mankind have learned to rise superior to many of their sins and mistakes.



One of the grandest agencies which enlightened Science has discovered to relieve motherhood from excessive suffering is the "Favorite Prescription" devised by Dr. R. V. Pierce, chief consulting physician of the Invalids' Hotel and Surgical Institute, of Buffalo, N. Y. This wonderful "Prescription" imbues the entire nervous system with natural, healthy vitality; gives elastic vigor to the delicate organism specially concerned in motherhood; renders the prospective mother strong and cheerful and makes the coming of baby entirely free from danger and almost free from pain. The delighted gratitude of Mrs. Pearl Walton, of Alvo, Cass Co., Neb., will find an echo in the heart of every expectant mother:

"Previous to the birth of my child," writes Mrs. Walton, "I had no appetite, was sick at my stomach, had headache, could not rest at night, was completely worn out in every way. I commenced to use Dr. Pierce's Favorite Prescription and began to improve right away. I used two bottles of this great medicine and felt like a new person. At the time of confinement I was in labor but a little while and I owe it all to that great remedy—Dr. Pierce's Favorite Prescription."

Dr. Pierce's Pellets cure constipation.



Property of Geo. W. Berry.—Public Sale of Poland-Chinas and Berkshires, at Berryton, Kas., September 1, 1893.

some good results from the cross. The calf is a grand individual, and should have brought more money, but considering the fact that he will not be a year old until December 6, next, it is a fair sale.

J. F. True, Newman, Kas., owner of the Rock Hill herd of Short-horns, made a recent sale of ten young Short-horn bulls to L. F. Wilson, of Kansas City, Mo., for his Wichita Falls (Texas) ranch. Last year he sold the same party six head, but four died of Texas fever, which he hopes to prevent this season by inoculating against the Texas fever ticks.

Wilson county, Kansas, is the home of some of the finest Poland-China herds in Kansas, and that is equal to saying the finest in the world. Sunny Side herd, owned by M. L. Somers, M. D., of Altoona, contains some of the choicest specimens in Wilson county. The Doctor has made a successful effort during his many years of experience as a swine breeder in building up a herd which he confidently offers to the Poland-China specialists as the finest animals that can be produced.

Geo. W. Berry will hold his public sale of Poland-China swine, September 1, in the picnic ground, a shady grove at Berryton, Kas., affording comfortable accommodations for a large crowd. Among the attractions of this sale is a pair of mature sows sired by old Chief I Know and W. B.'s Tecumseh, respectively. In addition to being a choice pair of show sows, with short, wide, clean heads, great backs, hams and deep sides and best quality of bone, they are tried brood sows, and safe in pig to Darkness Wilkes, winner in classes and herds under a year old at three State fairs, and again as a yearling at the State fair, in class, as a sire and the head of

went to the Armour Packing Company. Mr. Bosworth bought them on the Kansas City market in April, 1897, when they weighed 570 pounds, paying \$4.75 for them. They were grazed last summer and put on full feed October 1. This summer they were on grass and corn meal. He allowed them the pasture in the day time, but brought them to his barn lots at night and gave them corn meal. They gained 755 pounds, Kansas City weights, and sold for 90 cents more than the original cost. At the same time he got the steers Mr. Bosworth bought 104 Hereford heifers from which he has raised 103 calves.

W. B. VanHorn, breeder of Poland-Chinas, at Lawrence, Kas., places a "Special Want" advertisement in this issue that will be of interest to any one who wants a young boar or one or more sows to increase his herd. Two of the boars are by Look Me Up by Look Me Over and two by Tecumseh Short Stop. The females descend from the late Hadley Jr., Look Me Over, McWilkes and other prominent boars. Combination Model 20112, sired by Combination F. F. by Chief Tecumseh 2d, heads the herd. He is well finished, active, stands well on his toes, and is of good weight, with fine color and markings.

The reduction sale of high-class Berkshire swine was held by John R. Gentry at Wood Dale Stock farm, near Sedalia, Mo., and buyers and representative bidders were out from eleven States and Territories. Messrs. Spicer & Grout, of Winchester, Ill., and W. T. Miller, of Bowling Green, Ky., tied on topping the sale on catalogue Nos. 17 and 18 respectively at \$166 each. These two animals were the boars Baron Duke VII 48206 and Baron Duke XIII 48207, sired by Baron Lee IV 33446 and out of

breeders hope to have, and they, with a highly-bred dam, present an opportunity for the prospective buyer to secure just about what he wants. The best way to get the breeding of the offerings is to write to Mr. Wren for a free copy of the sale catalogue, that gives full and complete information concerning the sale and the different animals that will go in the sale.

**The Coming Sale of Poland-Chinas at Fort Scott, September 6.**

No swine breeder, however high his ambition, need hesitate, if he be a prospective buyer, in attending the sale or consulting the sale catalogue and forwarding bids on the offerings that will go to the highest bidder at Fort Scott, Kas., on Tuesday, September 6. Among the sixty-one head that have been catalogued are nine serviceable boars whose progenitors have no superior in World's Fair history nor in the several annual State fair contests that have taken place since the memorable exhibit at the Columbian. A glance through the catalogue shows that the offerings are the sons and daughters of twenty different herd boars, any one of whose pedigrees shows them to be of the choicest breeding, backed by a train of show ring history. It may occur to the mind of the reader to inquire, "What means this Poland-China Sale Association, composed of Messrs. Hornaday, Adamson, Turley and Young?" It is perhaps best briefly answered, that each one selects out of his herd from the division ready to go the sure best ones, and, by offering all four lots at one sale, save expense; also it affords the intending buyer a better opportunity to select individuals from a more numerous array of breeding, thereby saving

**JUDGE ZIEGELASCH**  
Pronounces sentence on

**The Farmer's Friend!**

This is to certify that I have used Seelye's Wasatusa in my family for two years and WILL NOT BE WITHOUT IT. I heartily recommend it to any person.

WM. ZIEGELASCH, Probate Judge.  
Junction City, Kas.

H. Hensley, of the firm of Hensley & Masterson, wholesalers, St. Joseph, Mo., writes: "I need Wasatusa and hope you will ship at your earliest convenience one dozen bottles. I am out of it entirely, and as it seems MY LIFE ALMOST DEPENDS ON IT you will greatly oblige me by shipping as promptly as possible. I need it for kidney trouble."

Another writes that his daughter WAS THROWN INTO A BARBED WIRE FENCE from a horse, badly out, and

**WASATUSA**  
THE GREAT HEALER

healed all lacerations nicely and SAVED \$500 DOCTOR BILLS.

Wasatusa stands without an equal as a Healer and Quick Pain Remover, internally and externally, in man or beast. Try it.

A safe remedy for every home in America. Insist on your druggist getting it from the wholesaler for you. Price 50 cents and \$1 per bottle, or address

**DR. A. B. SEELYE MEDICINE CO.,**  
ABILENE, KANSAS.

**WASATUSA, the Great Healer,** successfully cures Rheumatism, Colic, Cramps, Sprains, Cholera Morbus, Accidents, Summer Complaint, Diarrhea, Headache, Catarrh, LaGrippe, Neuralgia, Sores—pains of all kinds, no matter where or by what name known.

ASK YOUR GROCER FOR  
**Dr. Seelye's Flavoring Extracts.**

Triple strength. The best on the market.

him expense and time in founding or recruiting his herd. The brood sows and gilts are a very choice lot and the sows in expectancy are bred to as strongly bred a lot of herd boars as can be found in the entire West. There is not one inferior or one to be faulted in the entire list of herd boars. Space forbids that extended individual mention that each of the four consignments merits, save to say that the writer takes it on himself to state that if the reader is after something that ought to prove both fashionable and profitable, he is sure to find it at Fort Scott, on Tuesday, September 6, if he will but send or go after it.

The ladies of the G. A. R. have arranged for through train to Cincinnati via Santa Fe on September 5. The round trip is \$16.10. An excellent opportunity to give your family an outing.

# The Apiary.

Conducted by A. H. DUFF, Leavenworth, Kan., to whom inquiries relating to this department should be addressed.

## The Bee and Honey Exhibit at Omaha.

The Apiary building at the Trans-Mississippi International Exposition is located on the North tract, directly opposite the Transportation and Agricultural Implement building. It belongs to what is familiarly known as the Swiss farm house style of architecture and is declared by experts to be the best-arranged and most convenient building ever erected for bee exhibits. The building is 148 feet long by 75 feet wide and is built of wood and staff. All the heavy timbers exposed are painted a red brown color, while the roof is green and has a sky-light on each side of the ridge pole that extends the length of the building. Every precaution has been taken to insure plenty of light, as it is an important adjunct in displaying a honey exhibit. In addition to the skylights there are numerous windows and the show cases have glass on both sides and tops. The interior of the building has been prettily decorated with draperies of yellow and white, and the names of the counties exhibiting are shown in comb honey.

The Nebraska display is arranged in a case that extends along the south side of the building. The exhibit is very attractive and complete and contains a large array of samples of honey, both in

its purity. Adulterations, such as glucose, etc., never granulate, hence when you see honey on the markets, especially during the winter season, that is in liquid form, you may look upon it with suspicion. Now, most people think it the reverse of this, and this is the principal reason that adulteration is practiced to such an extent. The bee journals and producers of honey generally have done everything in their power to educate the masses in regard to this one fact, but progress seems to be slow. Comb honey has never yet been imitated by man; although it has been published that comb honey is being manufactured by machinery, it is not true. Comb honey may be adulterated by feeding bees cheap sirups, which they will store in the combs, but it can only be done through them.

Honey improves with age, and the older it is the finer the flavor. Extracted honey is much easier kept than comb, as the latter is liable to get soiled and must be kept in tight cases to exclude dust and insects. Extracted honey may be kept in any quantity, either in open or tight packages. Tin cans are mostly used, and a very convenient and cheap package is the common fruit can, which, having a large opening, will admit of removing the honey after granulation and using it in this form. Honey should always be kept in a dry place, and away from a collar, except the same is very dry and well ventilated. Heat does not damage honey, but tends to ripen and improve it. Dampness and darkness will not agree with it. Honey that remains in the combs for some

## What Makes Success?



It is a universally acknowledged fact that the **LITTLE GIANT** is the most popular dairy machine ever put on the market. Its points of excellence are economy in running, a superior quality of cream, the cleanliness of clean skimming and a bowl that does not clog up and which is easy to wash. Send for circulars giving full information.

**BRANCHES:** P. M. SHARPLES,  
Elgin, Ill.  
Omaha, Neb.  
Dubuque, Iowa.  
West Chester, Pa.

## 28 YEARS CONSTANT USE



## THE STRAY LIST.

### FOR WEEK ENDING AUGUST 11, 1898.

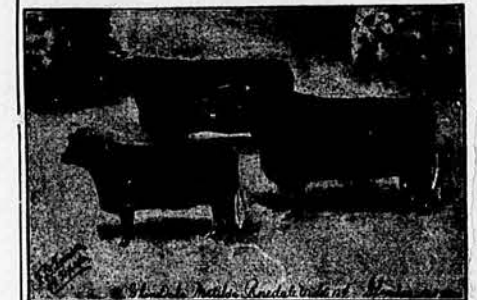
Wyandotte County—Leonard Daniels, Clerk.  
MARE—Taken up by William Barrett, whose residence is one and three-fourths miles west of Turner, in Shawnee township, Wyandotte county, July 14, 1898, one bright bay mare, 5 years old, 14 1/2 hands high, black mane and tail, white spot in face, right hind foot white; valued at \$25.  
MARE—Taken up by same, July 14, 1898, one dun-colored mare, 9 years old, 15 hands high, dark mane and tail, white spot in face, right hind foot white, splint on left front leg; valued at \$5.  
Pottawatomie County—A. P. Scritchfield, Clerk.  
MULE—Taken up by E. B. Sherman, April 14, 1898, whose residence is Lone Tree township, Pottawatomie county, one mouse-colored mare mule, 5 years old, mark in right ear, weight 650 pounds; valued at \$25.  
Osage County—William H. Thomas, Clerk.  
COW—Taken up by J. C. Lawson, whose residence is Quenemo, Agency township, Osage county, July 19, 1898, one red and white cow, 9 years old, ears cropped; valued at \$25.  
HEIFER—Taken up by same, July 19, 1898, one white heifer, 3 years old, no marks or brands; valued at \$20.  
Shawnee County—John M. Wright, Clerk.  
MARE—Taken up by W. E. Corbett, Mission tp. (P. O. Seabrook), July 13, 1898, sorrel mare, 5 years old, five feet two inches high, star in forehead, right hind foot white, foretop clipped.  
HORSE—Taken up by M. Cole, in Soldier township, June 27, 1898, one brown horse, 8 or 9 years old, white hind feet; valued at \$35.

### FOR WEEK ENDING AUGUST 18, 1898.

Linn County—C. O. Hoag, Clerk.  
STEER—Taken up by L. J. Brough, Centreville township, July 14, 1898, one red and white yearling steer, under-bit in left ear; valued at \$20.  
Montgomery County—D. S. James, Clerk.  
MARE—Taken up by M. Sney, in Drum Creek township, May 17, 1898, one gray mare, about 9 years old, about fourteen and a half hands high, black mane and tail, scar on left cheek.  
PONY—By same, one bay pony, about 6 years old, about fourteen hands high, blemish on right side the two animals valued at \$50.

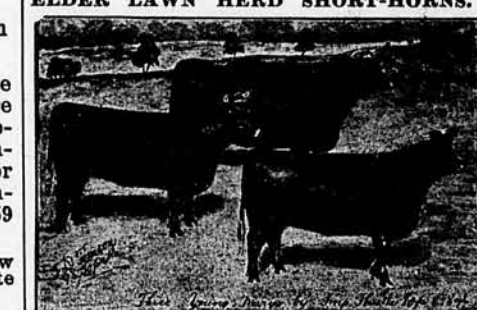
### FOR WEEK ENDING AUGUST 25, 1898

Cowley County—S. J. Neer, Clerk.  
HORSE—Taken up by J. C. Sulton, in Ninnescah tp. (P. O. Seely), July 20, 1898, one dark bay horse, medium size, star in forehead; valued at \$20.



**GLENDALE SHORT-HORNS**, Ottawa, Kas.  
Leading Scotch and Scotch-topped American families compose the herd, headed by the Cruickshank bulls, Glendon 11970, by Ambassador, dam Galanthus, and Scotland's Charm 12724, by Imp. Lavender Lad, dam by Imp. Baron Cruickshank. Young bulls for sale.  
C. F. WOLF & SON, Proprietors.

### ELDER LAWN HERD SHORT-HORNS.



THE Harris bred bull, **GALLANT KNIGHT** 124466, a son of Gallahad, out of 8th Linwood Golden Drop, heads herd. Females by the Cruickshank bulls, Imp. Thistle Top 83876, Earl of Gloster 74523, etc. Size, color, constitution and feeding qualities the standard. Address  
T. K. TOMSON & SONS, DOVER, KANSAS.

## GRANT MONUMENT, FORT LEAVENWORTH, LEAVENWORTH, KAN.

From a photographic view taken along the line of the Missouri Pacific Railway



comb and extracted. A unique feature of the Douglass county exhibit is the bottled wine and vinegar manufactured from honey.

In the center aisle a large collection of pressed honey- and pollen-producing flowers and plants are displayed in a large case. Nebraska is represented by 1,800 different specimens. Other States exhibiting are Iowa, Wisconsin, Minnesota, Kansas, Missouri, Ohio, Texas and Utah.

Two liquefying rooms fully equipped with utensils used by bee-keepers are located in the west end of the building for the convenience of exhibitors. There is also a large assortment of hives and extractors and other articles required for bee-keeping.

A comfortable reception room has been fitted up for visitors in the gallery, where three colonies of bees may be seen at work in glass hives and passing back and forth from near-by gardens through holes made in the wall for their accommodation.

### Care of Honey.

There is no limit to the time that honey will keep if not abused. Thoroughly sealed comb honey is usually in its highest state of perfection, and extracted honey is just the same, providing it has been sealed over before extracted, or left in the comb until it thoroughly ripens. Comb honey usually remains in liquid form, but in some instances it granulates in the comb, the same as extracted. It has been said that honey from alfalfa is more apt to granulate in the comb than almost any other, and this has been my experience. Granulation of extracted honey is no detriment to it, and is always proof of

time after being stored is always the best article when extracted, but more pounds are secured by taking it away as fast as well stored.

### Autumn Honey.

A honey flow in autumn is very advantageous to bees, and in localities where bees gather honey during the autumn months they almost invariably come through the winter better and prove more profitable in early spring. I have very frequently noticed that after a severe dearth of honey during autumn months, bees come out very weak in the spring and many do not survive the winter at all. This is true from the fact that bees only rear brood to any considerable extent at a time when they are gathering honey, and, as is usually the case, the principal honey season closes in or near the middle of summer, hence brood-rearing ceases, and as a consequence the bees become so old that they must die largely of old age before spring.

When no honey is being gathered by the bees during autumn months, they may be made to rear brood by feeding. This does not require much feed, but only some little trouble and attention. Bees may have plenty of reserve stores for wintering, but it matters not how much honey they may have on hand, brood-rearing ceases all the same, and nothing will induce them to rear brood at such times but feeding a little sirup every day, thus representing a natural flow of honey. It is remarkable to see how readily a little feed thus daily given them will stimulate them to business, and the queens will begin to lay eggs immediately even after the first feed is

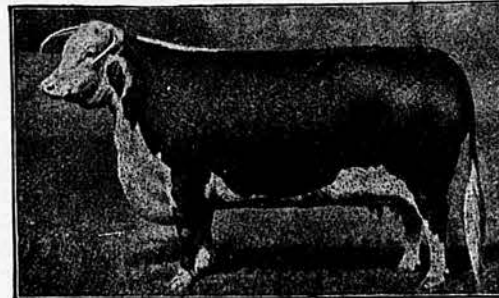
that will survive the winter successfully. Do not pretend to feed bees during winter. It cannot be done.

### Meeting Sovereign Grand Lodge, Boston Mass., September 19-24 Inclusive.

For this occasion the Nickel Plate Road will sell tickets at rate of one fare for the round trip. Tickets on sale September 16 to 18, inclusive, good returning until September 30, inclusive. For particulars address J. Y. Calahan, General Agent, 111 Adams St., Chicago. 59

Electric fans to keep you cool are new and timely features of Santa Fe Route dining cars.

Don't forget the excursion to Boston over the Nickel Plate road, September 16 to 18, inclusive, at rate of \$19 for the round trip. Good returning until September 30, 1898, inclusive. 60



## SUNNY SLOPE

EMPORIA, KAS.

REGISTERED  
HEREFORD  
CATTLE.

ADDRESS ALL CORRESPONDENCE TO.....

C. S. CROSS, Emporia, Kansas.





KANSAS FARMER

ESTABLISHED IN 1863.

Published Every Thursday by the KANSAS FARMER COMPANY.

OFFICE: No. 116 West Sixth Avenue. SUBSCRIPTION PRICE: ONE DOLLAR A YEAR.

ADVERTISING RATES.

Display advertising, 15 cents per line, agate (fourteen lines to the inch). Special reading notices, 25 cents per line.

HOW PREVENT FIELDS FROM WASHING?

Editor Kansas Farmer:—I have a tract of hillside land that has been in cultivation for about fifteen years, and is washing badly.

Any kind of grass is better than no grass to prevent washing. Where Kentucky blue grass thrives it is perhaps the best of all grasses to hold the soil against washing.

If the lay of the land is such that it washes very badly it may be necessary to resort to hillside ditches to prevent loss of soil.

The illustration represents an orchard planted on a very steep hillside where it was necessary to make hillside ditches and also to terrace the land.

It need scarcely be said that no two hillsides are precisely alike, so that every one presents a problem differing from the others.

soil, leaving an ugly gully. The farmer who ever used a leveling instrument may easily lay out his own ditches if he can bring himself to neglect points of the compass and run the ditches according to the lay of the land.

Begin at a point a little above where the wash has begun or is likely to begin. Set a stake at the place of beginning. Run up stream—as to the drainage at foot of hill—at a fall of one inch to 100 feet, or, if surveying without measuring, one inch to thirty-five steps.

In constructing the ditch, plow furrows following the line of stakes, always turning the soil down hill. If the slope is moderate, six furrows may make wide enough strip.

plow eight or ten or even more furrows at the first. In any case, the sides of the ditch should be but gently sloping, so that the mower and the rake can be used over them.

In cultivating land whereon hillside ditches are used the rows are sometimes made to cross the ditches as nearly at right angles as possible.

The soil on many hillsides in Kansas is so deep that with proper tillage the bottom of the ditch can be made as productive as any part of the field.

Who Has Such a Machine? Editor Kansas Farmer:—Who can inform me where I can purchase a machine to head Kaffir corn, taking the power from the wagon wheel?

The headquarters of the Kansas Commission, Omaha Exposition, are at the Her Grand hotel, Sixteenth and Howard streets, Omaha, Neb.

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CITIES AND TOWNS OF KANSAS.

Kansas has 103 cities and towns with 1,000 inhabitants or more. The State Board of Agriculture has compiled the assessors' and County Clerks' returns and finds that sixty-eight municipalities belonging to this list have made a gain of 21,227, Kansas City leading with 4,879, while thirty-five others lost a total of 5,414.

Table with 3 columns: Rank, Name, Population. Lists 103 cities and towns in Kansas with their respective populations.

Students' Meals at Cost at the Agricultural College.

Editor Kansas Farmer:—On opening the Kansas Farmer this morning I find very considerable editorial space devoted to the Agricultural College, a fact which we greatly appreciate here.

It is exactly in line with my own earnest desire that the college also furnish lodging at cost, especially to the worthy and necessitous students.

Wishing for your excellent paper continued and enlarged success, I am,

THOS. E. WILL. This is a move in the right direction, and will materially assist in clearing the way for many a worthy young Kansan to avail himself of the splendid educational advantages which are provided free of cost at the Agricultural College.—Editor.

Program.

Kansas State day at Trans-Mississippi and International Exposition, Omaha, Neb., will be observed on Thursday, September 1, 1898.

Music, Caman's Military band, Winfield, Kas.

Invocation, Bishop Frank W. Mills-paugh, Kansas.

Selection, Quartet, McPherson, Kas.

Address of welcome, Governor Silas A. Holcomb, Nebraska.

Response, Governor J. W. Leedy, Kansas.

Selection, Quartet.

Address, Hon. Gurdon W. Wattles, President of the Exposition.

Address, President Thos. E. Will, Kansas Agricultural College.

Selection, Quartet.

Address, Chancellor F. H. Snow, Kansas State University.

Address, Hon. C. B. Hoffman, Kansas.

Selection, Quartet.

Address, Hon. A. W. Smith, Kansas.

Music, Band.

Short talks by prominent Kansans.

An informal reception will be tendered Governor J. W. Leedy and State officers at Kansas State building at 4 o'clock p. m.

The exercises will conclude with an elaborate display of fireworks on the Midway, furnished by the Exposition Association, in honor of Kansas.

The G. A. R. will meet in Cincinnati September 5-10, 1898. They will leave here in special train via Santa Fe, September 5. The round trip fare is \$16.10. Santa Fe agent will give you particulars.



HILLSIDE-DITCHED AND TERRACED TO PREVENT WASHING.









# WASHBURN COLLEGE TOPEKA, KANSAS.

**A Co-Educational Christian College** of high grade. Three full courses of study, leading to degrees. Bachelor of Arts; of Science; of Letters. Preparatory Academic course of three years, leading to Freshman.

**Equipment First-class.** Beautiful Campus of 160 acres; six fine buildings; Library over 7,000 volumes; Laboratories; Museums; Ladies' Dormitories; Gymnasium.

**Instruction Thorough.** Fifteen competent professors; many of them specialists in their departments; Courses in Languages, Ancient and Modern; English; Science; Mathematics; History and Political Economy; Elocution and Oratory; Philosophy; Music and Art. Special courses in the study of the English Bible.

**Expenses Reasonable.** Tuition \$40 per year. Board \$2.00 to \$3.00 per week. Room rent low; no incidentals. Occasional opportunity for self-help.

**Situation Ideal.** Topeka is reached by four railroads. College is two miles southwest of the center of the city, reached by electric car every twenty minutes. Combines advantage of both city and country.

FALL TERM BEGINS SEPTEMBER 14.

For Catalogue and Information, address  
**GEO. M. HERRICK, President.**

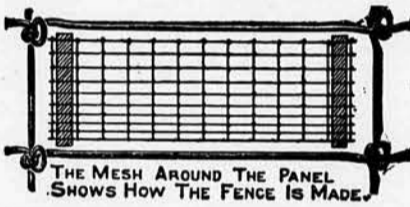
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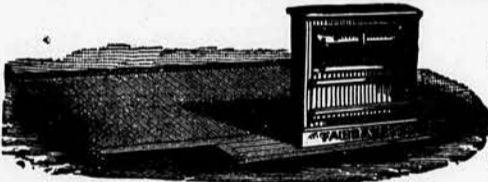
**BESIDES GREATLY STRENGTHENING IT.** Our Loop Knots make the fence plainly visible and impossible for stay wire to slip or give. It is Hog tight and Bull strong. Will turn all kinds of stock without injuring them. Where we have no agents a liberal discount will be given on introductory order. Reliable farmer agents wanted in every township. Send for catalogue and prices.

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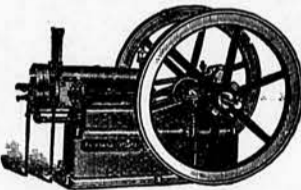
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	Cattle and Calves.	Hogs.	Sheep.
Official Receipts for 1897 .....	1,921,962	3,350,796	1,134,236
Sold in Kansas City 1897 .....	1,847,673	3,348,556	1,048,233

**C. F. MORSE,** Vice Pres. and Gen. Mgr. **E. E. RICHARDSON,** Secy. and Treas. **H. P. CHILD,** Asst. Gen. Mgr. **EUGENE RUST,** Traffic Manager.

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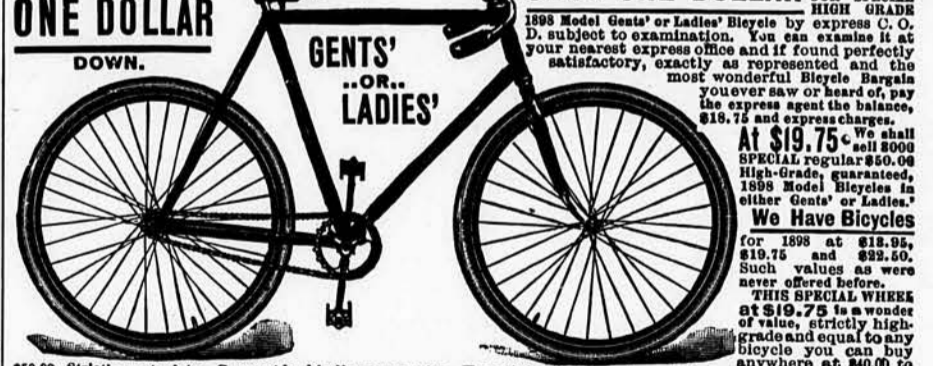
COLUMBIA CHAIN WHEELS,	-	-	\$75
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**OUR GUARANTEE.** We issue a written binding, one year guarantee, during which time if any piece or part gives out, by reason of defect in workmanship or material, WE WILL REPLACE IT FREE OF CHARGE. With care the bicycle will last 10 years. **SEND US ONE DOLLAR** State whether Ladies' or Gents', kind of handle bars and color of finish, and we will send you the bicycle by express C. O. D. subject to examination, and you can examine it at the express office and if you find it equal to any bicycle you can buy elsewhere for \$40.00 to \$50.00, and such a bargain as you never saw before, pay the express agent the balance, \$18.75, and express charges. OUR FREE BICYCLE CATALOGUE shows a complete line of bicycles at \$12.95, \$19.75, \$22.50, etc. Also a full line of bicycle sundries, bicycle clothing, etc. **SEND FOR IT.** **AS TO OUR RELIABILITY.** We refer to the publishers of this paper, our customers everywhere, Metropolitan Nat'l Bank, Nat'l Bank of Republic, Bank of Commerce, Chicago; German Exchange Bank, New York; any business house or resident of Chicago. We occupy entire one of the largest business blocks in Chicago, employ 700 people, and we guarantee to save you \$20.00 to \$30.00 on a high-grade bicycle. Order to-day. Don't delay. Only \$2,000 to be sold at \$19.75. **SEARS, ROEBUCK & CO.,** (Inc.) Fulton, Desplaines and Wayman Sts., CHICAGO. (SEARS, ROEBUCK & Co. are thoroughly reliable and for \$19.75 this is surely a wonder bicycle.—Editor)

In writing mention Kansas Farmer.

The Veterinarian.

We cordially invite our readers to consult us whenever they desire any information in regard to sick or lame animals, and thus assist us in making this department one of the interesting features of the Kansas Farmer.

WARTS.—I have a young mule that has warts. It has been two or three months since they first appeared. They are raw and bloody. A. N. W. Taw, Kas.

Answer.—How large are these warts? How many are there? On what part of the body do they appear? I must know this before I can intelligently prescribe.

COLDS.—Some of my sheep seem to have caught cold and are running at the nose. What is the remedy for it? Golden, Kas. B. C. L.

Answer.—Take black sulphate of antimony, pulverized sage, pulverized Juniper berries, of each 4 ounces, and mix. Mix this with a half bushel of ground oats or other ground grain and give each sheep a pint of the mixture once or twice daily for a few days.

WARTS.—One of my yearling Western steers is having a great growth of warts on his head and neck. They average about the size of the end of one's finger and extend from near the eye along the side of head below ear on to neck. What treatment should I give it? Is it contagious? I think they are beginning to come out on another. Kinsley, Kas. C. W. J.

Answer.—Please describe the warts a little more in detail. I am afraid it may be something else. Write again and mention their form, size, thickness, and anything else peculiar to them, whether they are smooth or rough, etc. Ordinary warts are not serious and usually disappear of their own accord.

SWEENEY.—I have a valuable young mare, which a man took to break this spring. He told me a few days ago that her shoulder was sweened. He don't know how it got done. She has not pulled or worked hard. The trouble is not of long standing. She is 5 years old and has not been worked until this spring. I. B. M. Green Ridge, Kas.

Answer.—So-called sweeney is another name for atrophy or wasting of the shoulder muscles. This can be produced in various ways. The commonest cause is some chronic painful affection of the lower parts of the limbs (hoof or joint diseases). This painful affection causes the animal to favor its limb, and the comparative inactivity attending this results in atrophy of the muscles.

LAME HORSE.—My horse is very lame in his left fore foot, occasioned by "pawing" in his stall. I can find no tenderness to pressure applied to any part of foot. When he stops he throws the foot forward, resting it on the point of the toe. If in setting his foot down his toe rests on anything he will flinch before the heel strikes the ground.

Answer.—I cannot give you much advice here. Most cases of lameness require a very minute and careful personal examination before they can be diagnosed. To judge from the facts you have given, a nail in the foot is probably at the bottom of the whole trouble.

bandage the hoof with dry cloths, repeating the disinfection and bandaging process twice daily. If you cannot find evidence of a nail prick, write again.

HORSE OUT OF CONDITION.—I have a three-year-old black horse, which was in very good flesh in the spring. I worked him and he got very poor. He always wants to go too fast. Now and then he coughed a little early in the spring. During the last couple of weeks he has been running at the nose a little and coughing a little more, as though his throat were full of slime.

Answer.—Feed your horse alfalfa hay and oats. Give one tablespoonful of the following mixture three times a day: Take sodium bicarbonate 3 ounces, powdered Juniper berries 2 ounces, powdered anise seed 2 ounces, and mix.

HOGS DIE SUDDENLY.—A number of my hogs suddenly took sick last night after feeding, and out of ten sick ones eight died during the night. They had been fed slop consisting of water and whey, followed by green corn fodder with considerable nubbins in it, which had been cut in the morning.

Answer.—It is entirely possible that the weather has affected the growth of the corn in such a way as to make it injurious stock food. Cases like this are often observed, but cannot always be explained.

SEVERAL INQUIRIES.—(1) I have a cow which had a sore head from dehorning. She was dehorned a year ago last fall. It healed up all right, but in the spring one side got sore and broke and ran for a few days and then it healed up all right. But last February she got to ailing and ran down in flesh.

Answer.—(1) This was an abscess, due to improper care of the wound resulting from the removal of the horn. The lump that you describe as still being present is probably a new abscess in the process of formation.

it seems to offer the least resistance. A quantity of pus will no doubt be discharged. The cavity should be washed twice daily with a 4 per cent. solution of creolin in water. Use a syringe to inject the fluid. Use the creolin solution liberally and see that not only the cavity, but also the surrounding skin, is kept perfectly clean.

MARKET REPORTS.

Table with multiple columns: Kansas City Live Stock, Shipping and Dressed Beef Steers, Western Steers, Native Cows, Native Feeders, Native Stockers, Chicago Live Stock, St. Louis Live Stock, Chicago Grain and Provisions. Includes various prices for cattle, hogs, sheep, and grain.

Horse Owners! 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.

20,000 Peerless Mills in Use. Unrivaled in capacity and quality of work. Will grind ear corn and all grain to any degree of fineness.

year ago, 933 cars. Sales by sample on track: Hard, No. 1, 63 3/4 @ 63 1/2; No. 2 hard, 60 1/2 @ 63; No. 3 hard, 57 1/2 @ 62; No. 4 hard, 55 @ 61; rejected hard, 45 @ 55; no grade, 48 1/2 @ 52 1/2.

Kansas City Produce. Kansas City, Aug. 22.—Eggs—Strictly fresh, 11 1/2 per doz. Butter—Extra fancy separator, 17c; firsts, 15 1/2c; dairy, fancy, 15c; store packed, 12c; packing stock, 10 1/2c.

A LONG SIEGE. After thirteen years of continuous assault by all kinds of stock, the first Page fences we built are still impregnable against "land forces."

Celebrated "Des Moines" Equalizers For Plows and Binders. Four Horses. No experiment. Ten years on the market. Thousands in use.

GOODHUE POWER AND MILLS. Self-acting, Best Governed, Acknowledged to be the most powerful and durable made. We have everything the farmer needs in this line.



poultry house. The best remedy is to anoint the head and eyes with a few drops of a mixture of one part of spirits of turpentine and four parts of sweet oil.

Coming Poultry Shows.

Kansas State Poultry Association.—J. W. F. Hughes, Secretary. At Topeka, January 9 to 14, 1898. C. H. Rhodes, judge. Wichita, State Fair, Kansas.—H. O. Toler, Secretary, Wichita, Kas. September 19-24, 1898. C. H. Rhodes, judge. Garden City Poultry and Pet Stock Association.—A. S. Parson, Secretary, Garden City, Kas. Show September 13-16, 1898. C. H. Rhodes, judge. Abilene Poultry and Pet Stock Association.—Roy O. Shadinger, Secretary, Abilene, Kas. Second annual exhibit, at Abilene, January 25-28, 1899. Theo. Sternberg, judge. Butler County Fancy Poultry and Pet Stock Association.—C. H. Pattison, Secretary and Treasurer, El Dorado, Kas. Second annual exhibit at El Dorado, Kas., December 20-23, 1898. C. H. Rhodes, judge. Topeka Fanciers' Association.—L. V. Marks, Secretary, Topeka. Exhibit January 9-14, 1899, in connection with State show. Horton Poultry Show.—J. Chase, Willis, Kas., Secretary. November 21-24, 1898. C. H. Rhodes, judge. Northwest Missouri Poultry Association.—R. V. Glenn, Kingston, Mo., Secretary. Kingston, Mo., November 24-26, 1898. C. H. Rhodes, judge. Ottawa County Poultry Association.—Mrs. D. Collister, Bennington, Kas., Secretary. Bennington, Kas., November 28-30, 1898. C. H. Rhodes, judge. Manhattan Poultry Association.—S. J. Norton, Manhattan, Kas., Secretary, Manhattan, Kas., December 1-3, 1898. C. H. Rhodes, judge. Mitchell County Poultry Association.—A. Whitney, Beloit, Kas., Secretary. Beloit, Kas., December 6-10, 1898. C. H. Rhodes, judge. Smith County Poultry Association.—S. C. Stevens, Smith Center, Kas., Secretary. Smith Center, December 12-13, 1898. C. H. Rhodes, judge. Arkansas Valley Poultry Association.—Mrs. H. P. Swerdfefer, Wichita, Kas., Secretary. Wichita, Kas., December 13-18, 1898. C. H. Rhodes, judge. Garfield County Poultry Association.—A. F. Rumsel, Enid, Okla., Secretary. Enid, Okla., December 24-25, 1898. C. H. Rhodes, judge. Chase County Poultry Association.—C. M. Rose, Cottonwood Falls, Kas., Secretary. Cottonwood Falls, December 27, 1898, to January 1, 1899. C. H. Rhodes, judge. Rooks County Poultry Association.—N. N. Neher, Stockton, Kas., Secretary. Stockton, Kas., January 2-5, 1899. C. H. Rhodes, judge. Glasco Poultry Association.—M. E. Potts, Glasco, Kas., Secretary. Glasco, Kas., January 5-7, 1899. C. H. Rhodes, judge. Central Oklahoma Poultry Association.—H. F. Stephenson, Kingfisher, Okla., Secretary. Kingfisher, Okla., January 16-21, 1899. C. H. Rhodes, judge.

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A Good Wagon begins with good wheels. Unless the wheels are good the wagon is a failure. IF YOU BUY THE ELECTRIC STEEL WHEEL made to fit any wagon—your wagon will always have good wheels. Can't dry out or rot. No loose tires. Any height, any width tire. Catalog free. ELECTRIC WHEEL CO., Box 46 QUINCY, ILL.

We make Steel Windmills, Steel Towers and Feed Grinders and are selling them cheaper than the cheapest. Our productions are standard; are first-class in every respect and are sold on trial. Send us a postal and we will tell you all about them. CURTIS WINDMILL CO., AGENTS WANTED. Manhattan, Kas.

Assure between burrs in grinding is carried on chilled roller bearings. Large inside burr revolves twice to sweep a one ordinary length sweep. DAIN DOUBLE MILL. Sold under an absolute guarantee to do double the amount of work of any other mill of same size or money refunded. Write for circulars and prices. DAIN MFG. CO., Carrollton, Mo.

The Test of Time is severe and inflexible, and the verdict is always convincing. The Perkins Wind Mills have stood the test of time in wheel, rudder, regulator and all parts, they are strong, durable, efficient and easy working. Built in many sizes. Meet every requirement for every purpose. Catalogue sent Free. PERKINS WIND MILL CO., 31 Race St., NISHAWAKA, IND.

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prehend that for which also I am apprehended of Christ Jē'sus. 13 Brethren, I count not myself to have apprehended: but this one thing I do, forgetting those things which are behind, and reaching forth

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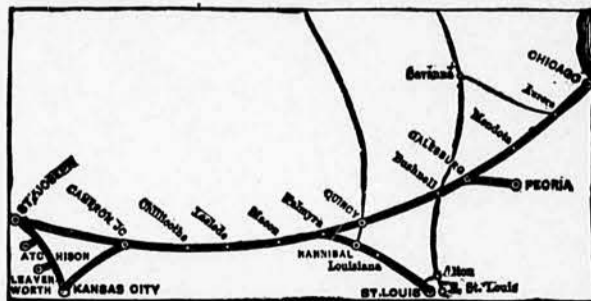
6 Be careful! for nothing every thing by prayer and tion, with thanksgiving, let, quests be made known unto 7 And the peace of God passeth all understanding, at

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Over 12,000 tons of export and import freight now being handled over its docks per month.

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Galvanized Float. Note the Raised Center. Guaranteed Mud Proof or Money Back. Price \$3 Freight paid to any point. Catalogue Free. Novelty Mfg. Co., Rock Island, Ill.

HORSE-HIGH BULL-STRONG PIG-TIGHT Laying aside all speculation these remain as the requisites of a perfect fence. Our Duplex Automatic Machine makes just such a fence in 100 styles at the rate of sixty rods per day, at a cost for wire of only 18c. for a good farm fence; 19c. for poultry fence; 16c. for a rabbit-proof fence and 12c. for a good hog fence. We will sell you plain, coiled spring or barb wire direct at wholesale prices. Get our catalogue before buying. Kitzelman Bros., Box 64, Ridgeville, Ind.

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SEND \$16 for a choice early farrowed Poland-China gilt delivered at your station.

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WRITE TO ALEX RICHTER.—Hollywood, Kas., how to sub-irrigate a garden, etc., and cost of same.

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