

# KANSAS FARMER

ESTABLISHED 1863.  
VOL. XXIX, No. 4.

TOPEKA, KANSAS, WEDNESDAY, JANUARY 28, 1891.

SIXTEEN PAGES.  
\$1.00 A YEAR.

## TABLE OF CONTENTS.

PAGE 2—AGRICULTURAL MATTERS.—Western Kansas. Meats for the Family. Sugar Beets. Growing Artichokes.  
PAGE 3—THE STOCK INTEREST.—Legitimate Horse Breeding. Value of Sheep on the Farm. Hog Cholera—Mange. Thoroughbreds in Battle.  
PAGE 4—ALLIANCE DEPARTMENT.—Ellis County. Republic County. Subjects for Discussion. Nemaha County. Books for Alliances. Shawnee County Alliance. Gossip About Stock.  
PAGE 5—State Poultry Association.  
PAGE 6—THE HOME CIRCLE.—A Dream (poem). Use of the Pneumatic Tube in the Postal Service. Our Children. The Management of Children.  
PAGE 7—THE YOUNG FOLKS.—Faith (poem). What Can Be Done on Snow-Shoes. Interesting Items.  
PAGE 8—EDITORIAL.—Western Pork Packing. United States Senator. The Vote for Senator. Work of the Legislature. Gang-Plows, Fodder-Loaders, etc. Seed Catalogue. Shawnee County Horticultural Society. Publishers' Paragraphs.  
PAGE 9—EDITORIAL.—The Legislature.  
PAGE 10—HORTICULTURE.—Black Rot and Mildew in Grapes—How to Prevent It.  
PAGE 11—IN THE DAIRY.—Kansas State Dairy Association. Should the State Dairy Association Become a Branch or Department of the State Board of Agriculture?  
PAGE 12—The Veterinarian. The Markets.

## BREEDERS' DIRECTORY.

Cards of four lines or less, will be inserted in the Breeder's Directory for \$15.00 per year, or \$5.00 for six months; each additional line, \$2.50 per year. A copy of the paper will be sent to the advertiser during the continuance of the card.

### HORSES.

#### Choice Shire Stallions for Sale.

For the next sixty days. Our own importation. Best quality. Thoroughly acclimated. Good breeders. Prices very reasonable, and long time will be given, if desired. MAKIN BROS., Florence, Kas.

R. REDMAN, Leighton, Iowa, breeder of pure-bred R. and high-grade French Draft horses and Red Polled cattle. Young stock for sale.

PARTIES desiring to be placed in communication with the largest and most reliable importers and dealers in English Shire, Clydesdale, English Coach and Standard-bred Trotting Stallions and Mares, should address "Importer," KANSAS FARMER office, Topeka, Kas. Longer time and at lower rate of interest than any other firm in America. Every animal guaranteed.

PROSPECT STOCK FARM.—For sale, four registered, two imported and six high-grade CLYDESDALE stallions and eight fillies. For sale cheap. Terms to suit purchaser. Two miles west of Topeka, Sixth street road. H. W. McAfee, Topeka, Kas.

M. D. COVELL, Wellington, Kas., breeder of Registered Percherons. At head, Bucentaure 2378 (1097), imported by Dunham, and half-brother of his Brilliant 1271 (755). Finely-bred colts a specialty. The best my motto.

### CATTLE.

JERSEY CATTLE.—A. J. C. C. Jersey Cattle, of noted butter families. Family cows and young stock of either sex for sale. Send for catalogue. C. W. Talmadge, Council Grove, Kas.

VALLEY GROVE HERD OF SHORT-HORNS.—For sale choice young bulls and heifers at reasonable prices. Call on or address Thos. P. Babst, Dover, Kas.

L. A. KNAPP, { SHORT-HORN CATTLE  
Breeder, { and BUFF COCHIN POULTRY  
MAPLE HILL, Kas. { FOR SALE.

ENGLISH RED POLLED CATTLE.—Young stock for sale, pure-blooded and grades. Your orders solicited. Address L. E. Macelino, Dorchester, Greene Co., Me. [Mention Kansas Farmer.]

FOR SALE.—One 3-year-old bull and one 5-year-old cow and female calf. Registered in American Holstein-Friesian Herd Book. Bred from imported stock. Wm. A. Travis & Son, Box 2, North Topeka, Kas.

MAPLEDALE HERD.—Of Short-horns. Good cattle with reliable breeding. Acklam Whittlebury 95837 heads the herd. Some choice stock of both sexes for sale. Write for what you want. C. B. CRUMPAKER, Washington, Iowa.

GEO. M. KELLAM & SON, breeders of GALLOWAY CATTLE. Have for sale now eight thoroughbred bulls, from 6 to 16 months. Also bred Hambletonian and Morgan horses. Richmond, Shawnee Co., Kas.

### CATTLE.

M. E. MOORE, Cameron, Mo., breeder of pure-bred HOLSTEIN-FRIESIAN CATTLE ONLY. The home of Gerben 4th, who has a butter record of thirty-two pounds in seven days.

HOLSTEIN-FRIESIAN CATTLE.—Are undoubtedly the most profitable for the general farmer and the dairyman. I have them for sale as good as the best at very low prices. Farm four miles north of town. Buyers will be met at train. H. W. Cheney, North Topeka, Kas.

### CATTLE AND SWINE.

J. H. TAYLOR, Pearl, Dickinson Co., Kas., SHORT-HORN, Poland-Chinas and Bronze turkeys.

E. L. LEMENT, Albion, Marshall Co., Iowa, breeder of Poland-China swine and Short-horn cattle. Only good pigs shipped. Prices reasonable.

SAVED.—By getting my prices before buying SHORT-HORN CATTLE and POLAND-CHINA HOGS. Good individuals and pedigrees. ELYACOUTH HOGS, fowls of most noted strains. Eggs \$1 per thirteen. C. M. T. HULBERT, Edgerton, Johnson Co., Kansas.

HOLSTEIN-FRIESIAN CATTLE.—M. H. ALBERTY, Cherokee, Crawford Co., Kansas, breeder of recorded stock. Have young stock for sale. Have shipped to eight different States and Territories. I have now for sale choice stock as follows: Two Holstein bulls eligible to record, old enough for service; two bull calves, three months old, cheap for next thirty days. Also thirty male and female POLAND-CHINAS. Sow pigs at reduced prices.

A. B. DILLE & SON, Edgerton, Kas., breeders of A. choice Poland-China hogs, Short-horn cattle and thoroughbred Poultry. Choice young bulls and boars for sale cheap.

W. W. WALTERS, Carbondale, Kas., breeder of Short-horn cattle and Chester White hogs. Have bred them for eleven years in Kansas. Young stock for sale. Pedigrees furnished. Light Brahma chickens.

### SWINE.

GRAND VIEW HERD POLAND-CHINA SWINE.—Stock all recorded or eligible to record. Corwin, Black Boss and other strains. Twenty-five sows bred to three choice boars for 1890 trade. Satisfaction guaranteed. W. D. Taylor, Lyons, Rice Co., Kas.

L. E. MAHAN, Malcolm, Nebraska, breeder of pure Essex swine.

KAW VALLEY HERD POLAND-CHINAS.—Kaw Chief at head, sired by Royalty 1666 B. R., dam Lady Tom Corwin 24 702 B. R. All sows of like breeding. One hundred pigs for season's trade. For terms address or call on M. F. Tatman, Rossville, Kas.

ROME PARK HERDS.—T. A. Hubbard, Rome, R. Sumner Co., Kas., breeder of POLAND-CHINA and LARGE ENGLISH BARKSHIRE HOGS. One hundred pigs for sale, among which are about a dozen boars nearly ready for service, mostly Poland-Chinas. My herds are composed of the richest blood in the U. S., with style and individual merit, the Poland-Chinas representing such strains as Corwin, U. S. Black Boss, I. X. I., the Berkshires, Salles, Dukes, Duchesses, Belladonnas, Hoods, Champions, etc. Show pigs a specialty.

GOLD DUST HERD.—J. M. McKee, Wellington, Kas., breeder of choice select Poland-China swine, consisting of the original Model family, also Give-or-Take and Gold Dust strains. Young stock always on hand. Five varieties fancy poultry for sale.

A. R. HERD.—Jas. Purcell, Piqua, Woodson Co., Kas., breeder and shipper of registered Poland-China swine of the most fashionable strains. Herd consists of 150 head. Can supply show pigs or sows bred, as desired. Correspondence invited.

D. TROTT, Abilene, Kas.—Pedigreed Poland-China and Duroc-Jerseys. Of the best. Cheap.

A. K. SERCOMB, Paton, Iowa, breeder of DUROC-JERSEY SWINE. West Star at head of herd. Let me hear from you.

TODD'S IMPROVED CHESTER WHITE SWINE.—W. W. Seeley, breeder, Green Valley, Ill. The farmer's hog; noted for early maturity, excellent mothers, easily handled, and from food consumed produce more meat than any other breed. Stock recorded. Special rates by express.

MOUND VILLA HERD OF REGISTERED POLAND-CHINA SWINE, of the best and most fashionable strains. Pigs forwarded to any part of the United States. Robert Cook, Iola, Kas.

B. A. ROBERTS, Albion, Neb., breeder of Poland-China swine. Climax 2287 B., assisted by Peerless 2259, at head of herd. Young stock for sale. Satisfaction guaranteed.

A. B. JOHNSON, Albion, Neb., breeder of Poland-China swine. Noiseless 5651 at head of herd, assisted by Mahomet 5695. Good stock for sale at all times. Write me.

V. B. HOWEY, Box 103, Topeka, Kansas, breeder of Thoroughbred Poland-China and English Berkshire swine. Stock for sale. Also fancy poultry eggs: \$1.25 for 18; \$2 for 26.

H. E. GOODELL, Tecumseh, Shawnee Co., Kas., breeder of thoroughbred Berkshire swine. Stock for sale, both sexes, at reasonable prices. Write for what you want.

### SWINE.

F. E. COMMONS, breeder and shipper of Thoroughbred recorded Poland-China swine. Am booking orders for spring pigs. Quaker Ridge Farm, Paton, Greene Co., Iowa.

ASHLAND STOCK FARM HERD OF THOROUGHbred Poland-China hogs, contains animals of the most noted blood that Ohio, Indiana and Illinois contains. Stock of both sexes for sale sired by Black Tom No. 5125 C. and Gov. Hill. Inspection of herd and correspondence solicited. M. C. Vansell, Muscatoh, Atchison Co., Kas.

BLUE VALLEY STOCK FARM.—H. C. Stoll, Beatrice, Neb., breeder of Poland-China, Chester White, Small Yorkshire, Essex and Jersey Red swine. A choice lot of pigs for sale. State what you want. All inquiries answered.

WOODLAWN STOCK FARM.—Columbia, Mo. J. Baker Sapp, proprietor, breeder and importer of LARGE ENGLISH BARKSHIRE HOGS. Choice hogs for sale.

PRINCETON HERD OF POLAND-CHINAS.—H. Davison & Son, proprietors, Princeton, Kas. Champion R. at head, assisted by Bradford's Perfection. Young stock for sale. Inspection invited. Correspondence promptly answered. Mention FARMER.

POLAND-CHINA SWINE.—From No. 1 breeding stock. All stock recorded or eligible to record. Personal inspection solicited. Correspondence promptly answered. Satisfaction guaranteed. Henry H. Miller, Rossville, Kas.

MAINE HERD OF POLAND-CHINAS.—James Maine, Oskaloosa, Jefferson Co., Kas. Selected from the most noted prize-winning strains in the country. Fancy stock of all ages for sale.

LUMAN SLY, Manchester, Iowa, breeder of fashionable strains of POLAND-CHINA SWINE. Herd second to none in the West. One hundred pigs for sale. Show pigs a specialty. Correspondence solicited.

75 POLAND-CHINA PIGS for this season's trade. Well bred and good individuals. Address J. W. GRIFFITH, P. O. Box 41, Ridgely, Mo.

JOHN KEMP, NORTH TOPEKA, KANSAS, Breeder of Improved CHESTER WHITE SWINE. Stock for sale.

CLEVELAND ELLER, Clay Center, Neb., breeder of Duroc-Jersey Red and Poland-China hogs of the very best blood. Pigs or sows bred for sale. [Mention this paper.]

D. T. GANTT, Steele City, Neb., breeder of Poland-China swine. Head of herd Kalo Jim 2315. Young stock for sale. Also two young Short-horn bulls for sale—Fancy family.

### POULTRY.

SUNFLOWER STRAIN BARRED PLYMOUTH Rocks. Choice 1 cockerels \$1.50 each. No pullets to spare. I have no "cheap" birds to sell by the dozen. Send for circular. G. C. Watkins, Hiawatha, Kas.

KANSAS ECONOMY INCUBATOR AND BROODER.—Incubator capacity 250; hatches 88 percent. Is easily managed and sold very reasonably. Brooder is vermin, rat and weather-proof, and will accommodate 200 chicks. Plenty of light in bad weather, where chicks can be fed dry and warm. Write for particulars. Address Jacob Yost, Box 238, Topeka, Kas., or call at Walnut Grove Poultry Yards, five and one-half miles southeast of city, via Highland Park.

S. C. BROWN LEGHORNS EXCLUSIVELY.—The leading place for Leghorns in the West. 14 eggs \$2. A \$4 order gets a Poultry Monthly. Circular free. Stamp for reply. Belle L. Sprout, Frankfort, Kas.

GREAT BIG LIGHT BRAHMAS. First at Chicago every year. Headquarters. Also first-class Nursery Stock cheap. Send for catalogue to E. H. UPSON, Wilmet, Indiana.

MRS. A. B. DILLE, Edgerton, Kas., breeder and shipper of choice high-scoring Barred Plymouth Rocks, S. C. Brown Leghorns, B. B. Games, B. Langshans, Imperial Pekin ducks and M. B. turkeys. Stock and eggs for sale. Write for prices. Satisfaction guaranteed.

E. E. FLORA, Wellington, Kas., breeds Buff and Partridge Cochins, Wyandottes, B. Plymouth Rocks, S. C. Brown and White Leghorns, Light Brahmas, Langshans, B. B. E. Game Bantams, Pekin ducks, Mammoth Bronze turkeys. Stamp for reply.

EUREKA POULTRY YARDS.—L. E. Pixley, Emporia, Kas., breeder of Wyandottes, B. B. Games, P. Rocks, B. and W. Leghorns, Buff Cochins and Pekin Ducks. Eggs and birds in season. Write for what you want.

### POULTRY.

BRONZE TURKEYS.—Toms of May hatch, weighing 24 pounds and over, hens 14 pounds and over; B. P. Rocks, Brown Leghorns and Laced Wyandottes. Eggs in season. Mrs. M. E. Dyer, Box 40, Fayette, Mo.

SHAWNEE POULTRY YARDS.—Jno. G. Hewitt, Prop'r, Topeka, Kas., breeder of leading varieties of Poultry, Pigeons and Rabbits. Wyandottes and P. Cochins a specialty. Eggs and fowls for sale.

### MISCELLANEOUS.

S. A. SAWYER, FINE STOCK AUCTIONEER, S. Manhattan, Riley Co., Kas. Have thirteen different sets of stud books and herd books of cattle and hogs. Compile catalogues. Retained by the City Stock Yards Commission Co., Denver, Colo., to make all their large combination sales of horses and cattle. Have sold for nearly every importer and noted breeder of cattle in America. Auction sales of fine horses a specialty. Large acquaintance in California, New Mexico, Texas and Wyoming Territory, where I have made numerous public sales.

DR. S. C. ORR, VETERINARY SURGEON AND DENTIST.—Graduate Ontario Veterinary College, Canada. Veterinary Editor KANSAS FARMER. All diseases of domestic animals treated. Ridgling castration and cattle spaying done by best approved methods. Will attend calls to any distance. Office at Farmers' Ranch Stables, 514 Jackson St., (Telephone 375), Topeka, Kas.

ROSE-LAWN KENNELS AND POULTRY YARDS. R.—F. H. Vesper & Sons, Topeka, Kas., breeders of thoroughbred St. Bernard dogs. Puppies for sale. S. C. Brown Leghorns, B. P. Rock, Light Brahms and Game chickens. Stock and eggs for sale in season. Send stamp for circular.

### ROSE LAWN FRUIT FARM.

All kinds of small fruit plants. Strawberries on specialty. Prices low. Write for Descriptive Price List. DIXON & SON, Netawaka, Jackson Co., Kas.

### PURE ALFALFA SEED.

I will fill all orders for pure Alfalfa seed, f. o. b. at Syracuse, Kas., at \$3.50 per bushel. References—Bank of Syracuse or Hamilton County Bank. All orders sent either bank, accompanied by remittance, will receive prompt attention. L. P. Worden, Syracuse, Kas.

## Alfalfa Seed

For sale. Car lots or less. Also JERUSALEM CORN for sale. R. J. Mefford, Seedsman, Garden City, Kas. Grower and Dealer.

## BROOMCORN.

If you have some to sell write to HUGH E. THOMPSON, 1412 & 1414 Liberty St., KANSAS CITY, MO.

## OIL CAKE! FOR STOCK.

Cheaper than Corn. For sale at export values. Write for prices and circulars. KANSAS CITY LEAD & OIL WORKS, KANSAS CITY, MO.

## R. E. HIGGS & CO., Receivers and Shippers of Grain,

324 Exchange Building, KANSAS CITY, MO. Consignments solicited and liberal advances made

A. D. JOHNSON, President. G. L. BRINKMAN, Vice President.

## JOHNSON-BRINKMAN COMMISSION COMPANY.

Grain, Mill Products, Etc.

ROOM 328 EXCHANGE BUILDING, Telephone 2623. KANSAS CITY, MO

Mention KANSAS FARMER when writing advertisers.



## Agricultural Matters.

### WESTERN KANSAS.

EDITOR KANSAS FARMER:—By western Kansas I mean the west half of the State. We are truly thankful for the interest manifested by the people east of us for their interest in our prosperity, as shown by the advice so frequently given us by the newspapers there, although much of it is given by men who have never seen the western half of the State, or only through the windows of the cars as they passed over it. I am certain that if all the advice given us had been accepted and followed that western Kansas would be depopulated by farmers and only occupied by cattlemen. Last summer, when the hot, dry weather began to dry up our corn we were urged to cut it up and shock in large shocks. We did not follow that advice; we had tried that experiment and our fodder was nearly worthless, a shock could, in the winter, be broken in the middle like a pipe stem. But we believe when we are able to build silos we can save every stalk when another dry season comes.

Farmers in western Kansas have not settled there depending on friends east for aid, but with energy have striven to overcome every obstacle in the way of developing the country, and they have made soil, climate, rainfall and all the elements necessary to success a careful study. About thirty years ago the agricultural papers were full of subsoiling, how it should be done, and the great gain to the farmer. A man in southern Illinois without sufficient knowledge of his soil and subsoil paid \$50 to have a field subsoiled, and three years afterward said that it had not produced so much as a Spanish needle, and that he would give \$200 to have it brought back into cultivation and fertility again. I wish to impress the thought that before we advise or take advice we should understand climate, soil, and all the elements necessary to success in a given locality. Less than fifty miles from the man who so signally failed subsoiling was a grand success.

The failure in western Kansas has been the people and not the country. Probably not one in a hundred had means to defray necessary expenses six months when they got on their lands, and had nothing to improve or develop the country with; and had they only had a small amount of money to begin with the result would have been very different. Permit me to say that it required energy and no ordinary pluck for men to take their families out on the great desert without anything to subsist upon; and the fact that so many have remained on their claims under such circumstances is the strongest evidence possible that western Kansas has been and is a grand success. With our poverty to begin with and all the drawbacks, most farmers are in much better circumstances than when they got to their claims; many have paid off their mortgages and bought additional farms, cattle, horses, etc., so that now they are in a prosperous condition. If a man desires to grow rice, bananas and pine apples, I would not advise him to settle in western Kansas; but if he will use the location for that to which it is adapted and not try to force Eastern ideas and methods on entirely different soil and climate, he will certainly be successful in western Kansas. In soil, lay of the land, health and fine winters for stock, western Kansas is seldom equaled and never excelled. One man with four horses can seed to wheat 450 acres between 1st of August and 1st of December, and the last sown will produce as much per acre as the first. But I will calculate that 350 acres will be an average work for one hand and nine bushels to the acre the average (as that has been the average for twelve years) yield, then at reasonable wages

for seeding, harvesting and threshing, the cost of production will not exceed 25 cents per bushel.

Another item of profit is the pasturage afforded during fall, winter and early spring, which is very considerable, but not easily estimated in dollars and cents, and as a rule the wheat will be better than when not grazed. The disc harrow, or sod-cutter, for rapidity and excellence of work, is the best implement we have for preparing land for wheat in western Kansas; it will pulverize the ground four inches deep and keep it level.

Once in five years our land should be plowed or stirred as deep as possible, and my way would be with the lister. I would cultivate to corn one-fifth of the farm each year, and then I would have the best possible preparation for wheat, and the fodder will pay for cultivating. The other three-fifths of the farm can be prepared for wheat with the harrow. If we get all out of a wheat crop we must have stock to consume the straw, which is profitable forage in our dry winters.

Western Kansas, I believe, is on the eve of greater prosperity than in the past. With the irrigation that is certain to come soon, the evaporation of water, the breaking of the buffalo sod, and settling of the country, will cause humidity of the atmosphere, so that dews will be common, and then the farmer will find that for wheat and forage for stock there is rain sufficient to produce abundant crops with certainty. I will not attempt to estimate the cost of raising corn, but will say that in Rush county it is all profit, as I am certain that the fodder properly used pays the expense of cultivation, and furthermore that we have and can raise corn sufficient for farm purposes. The greatest need is irrigation for horticultural purposes, and if we can irrigate a part of each farm western Kansas will be assured of success and unlimited prosperity.

W. M. GOODWIN.

Rush Co., Kas.

### Meats for the Family.

The price of butchers' meat varies little in our country towns, whether the butchers pay 3 or 5 cents a pound, live weight, for the cattle; and the farmer who depends on buying fresh meat for his family the year round has a bill to pay which requires the sale of several head of cattle to meet it. I have tried to reduce this account by making the farm produce as far as possible the meats used, and have succeeded to quite an extent in doing so.

Another way to reduce meat bills is to use less meat. By taking pains to have an abundant supply of fruit and vegetables, there are few persons but will be satisfied through the hot weather with a moderate allowance of meat. I think we do not use half the meat from April to October that we did in former years, and all the family—and work hands—express themselves well satisfied with the change.

We have also learned to like pig pork. I do not think my family would eat fifty pounds in a year of such fat corn-fed pork as was always slaughtered by farmers years ago; but spring pigs that have been raised on grass, bran and oats, make delicate eating, and in October we begin to eat spring pig. A pig that will dress from sixty to seventy-five pounds can be easily disposed of by a family of half a dozen, as the hams can be put into sweet pickle and kept a while at that season of the year. These spring pigs, relieved by an occasional chicken and turkey, give small meat bills until winter sets in; and as soon as this happens, we are ready to butcher a yearling heifer which we have taken from grass and been feeding for the purpose. When slaughtered, we cut it ready for packing, and put into a cold room. If the winter proves cold, we have fresh beef for weeks; but if there

comes a thaw so that there is danger that the meat will not keep, we put it in sweet pickle. This pickled beef, whether eaten warm, or sliced cold, is excellent, and we rarely tire of it.

The last of December we kill pigs for the year's supply of lard and bacon. Instead of killing three or four 300-pound hogs excessively fat, as was the former custom, we kill twice the number of pigs that will weigh 150 each net, and have been fed but a few weeks on corn. Instead of putting down a barrel of fat middlings, as my father did, we fill a three-gallon stone jar, as the only use we make of pickled pork is to cook a small piece with vegetables to season them. Our pigs are all made into lard and sausage, except the hams and shoulders which are trimmed close and put into sweet pickle for six weeks and then cured with liquid extract of smoke. The sausage is put into cloth bags three inches in diameter, and all except what we shall use in two or three weeks is treated with the liquid smoke, which will keep it sweet and good until warm weather. The shoulders of these pigs are almost as lean and good as the hams. I like the new method of curing much better than smoking, as it does away with the risk of fire and thieves in the smoke house, for the meat can be hung in a garret in the house, and insects will not disturb it.

To cure the meat, we sponge the liquid on it twice at an interval of a week, and it is well to make a third application after the weather gets hot in May or early June. We are just using the last of our hams at this date (August 1), and they have hung all summer in the woodhouse loft, with no canvassing or protection from flies or other insects, and have kept perfectly. This is the second year we have cured our meat in this way, and it has given excellent satisfaction.

When we add poultry and eggs to our bill of fare, it will be seen that our butcher's bill need not be large. I am rather shy of canned meats; they are cheap and palatable, but not always safe.

We find dried beef cooked a cheap and very palatable meat for a variety, and use it often for a breakfast dish in warm weather. To prepare it, put a tablespoonful of butter into the skillet, and when it is slightly scorched, add milk, flour and seasoning until you have a rich gravy; then stir the beef into it, or pour the gravy over it in the dish. The beef should be cut very thin and partly shredded. I think a half pound of dried beef treated in this way is equal to nearly two pounds of steak.

My receipt for sweet pickle for either hams or beef is one and a half pounds of salt and one pound of brown sugar to each gallon of water. Good sorghum or New Orleans molasses may be used in place of sugar, but the weight should be the same as that of the salt. The meat should be sprinkled or rubbed over with salt and allowed to lie a day or two, to extract the blood, before the pickle is applied. The pickle should be boiled and then allowed to cool before it is poured over the meat.—Waldo F. Brown, in *Country Gentleman*.

### Sugar Beets.

EDITOR KANSAS FARMER:—Prof. Wiley has just forwarded to this point the result of the chemical test made on samples of sugar beets raised by C. H. Longstreth, as follows: Three samples were sent and the following results are given of the percentage of sugar, viz., 14.30, 15.70, 17.10, average 15.70 per cent. No special or even ordinarily good care was taken of these plants, and the results are so surprisingly good that Mr. L. says that by giving the plant proper care in cultivation he has no doubt that a beet very much richer can be raised. These were raised under irrigation.

Lakin, Finney Co., Kas.

BEECHAM'S PILLS cure Sick Headache.

### Growing Artichokes.

EDITOR KANSAS FARMER:—I see in last week's FARMER some "Inquiring Farmer" asks about growing artichokes for hogs. I have not grown them here, but always had a small patch of them in Pennsylvania. They were to some extent grown in Bucks county, Pa. The way to grow them is about the same as potatoes, but they are a great deal more productive than potatoes. My land was a cold clay soil, wet and not well drained, but I grew always a good crop of artichokes. They need less cultivation than potatoes. They were harvested and stored the same way as potatoes, cooked, mashed and mixed with corn and oatmeal and fed to hogs during fall and winter. Hogs and even horses liked them much, and they were even eaten to some extent by the farmers there, making a kind of pickle of them. Feeding to hogs in this way, it would take only about half the corn to fatten them. I do not think there is any more nutriment in them than in potatoes, but they yield more. I had a friend in Bucks county, Pa., whose land was more sandy. He used to have a patch of artichokes adjoining his hog-pen. He had four crops that I know of from one planting. The first year he planted them and cultivated them like potatoes, giving them two cultivations only; in the fall he plowed them up and harvested the biggest tubers, then turned in his hogs and let them do the harvesting for themselves, feeding some corn additional. The hogs were taken out of the patch when the ground froze up. Next spring he gave the ground some good harrowing and there were enough tubers left in the ground to cover the whole patch with stems shooting up, so that cultivation was impossible; he let the artichokes grow and in the fall his hogs harvested the crop, leaving enough to seed the patch for the next year, and so the third and fourth year; but then he had to plow up the patch as it became too weedy. I moved away at that time, so I do not know whether he planted the patch again to artichokes. I tried the reseedling plan, too, but my soil being wet and cold, the tubers froze and thawed, and instead of growing next spring, they were rotting. Freezing in dry land does not hurt the artichokes, and I have no doubt they would do well here, in Kansas in our comparatively dry and well-drained soil. I would suggest planting in spring, just like potatoes, harvesting in the fall enough to replant (if replanting should be necessary next year) and turn the hogs in as soon as enough are harvested; the hogs will not waste any; they like to eat them raw. Feed some corn in addition, and as our winters here generally set in a good deal later than in Pennsylvania, the hogs could be fattened in the patch and do their own harvesting, and I have no doubt there will be enough tubers left in the ground to make replanting unnecessary next year, provided not too many hogs are turned in. Wherever there is a particle of tuber left, it will grow; in a favorable soil they have such vitality that they cannot easily be got rid of if once well established. The best way to get rid of them would be to plow them up several times during summer, turning hogs in after each plowing.

OSCAR VOIGTLANDER.

Wilson, Ellsworth Co., Kas.

### Tried and True

Is the positive verdict of the people who take Hood's Sarsaparilla. When used according to directions the good effects of this excellent medicine are soon felt in nerve strength restored, that tired feeling driven off, a good appetite created, headache and dyspepsia relieved, scrofula cured and all the bad effects of impure blood overcome. For a good blood purifier, take Hood's Sarsaparilla.

Now is the time to build the Hog Sanitarium. No mud! No waste! No filth! No work! Healthy hogs. Think of it. Send for circulars to E. M. Crummer, Belleville, Kas.



## The Stock Interest.

### Legitimate Horse Breeding.

This subject was discussed in the following paper by Rev. H. S. Davis, before a New York farmers' institute lately:

"I speak of legitimate horse breeding in contrast with the illegitimate manner of conducting the business, and in this connection there are two or three points to be made. I am not to speak of breed. In that matter every man unfortunately is a law unto himself—unfortunately for the real prosperity of the business and those engaged in it. My purpose is to try to set forth some of the moral phases of the question. Time was (and is not yet passed) when it was accounted a low business. But that is fast mending, and soon it will be possible for any man to engage in it as being (what it is) as legitimate and necessary and imperative a business as any other stock breeding or any business. But it has fallen under reproach because much that is immoral has come to be associated with it, partly from the temptation to contests, trials of speed, and partly from the temptation to gamble, which appeals so strongly to all human nature. In order to have legitimate horse breeding I would lay down the rule that it should be confined to farmers, for they have the means to do it advantageously at the minimum cost; they produce food to sustain animal life which other breeders must purchase; they have facilities for shelter and exercise which growling colts need. All these things other breeders must buy or rent at increased cost; and so the law of economy of production makes it the rule that only men with farms should undertake this work. One of the difficulties of this matter is the fictitious values that have been assigned to horses. In order to preserve the balance between production and demand the farmers should have the business exclusively in their hands; then the danger of overproduction and damaging competition would be removed, because many farmers would not engage in it, and those who did not so could be sure of fair profits. Great breeding establishments have done good work, developing choice breeds and varieties; still their chief purpose is to put upon the market their produce as early and at as high prices as possible. Suppose there were a large increase of such establishments, then in a short time the market would be overstocked and serious losses be entailed. Should we buy or breed for speed? Is that the chief demand? I think not. There is a demand, and a legitimate demand for speed, but other qualities also are being searched for—size, style, symmetry. Avoid extremes; breed for speed, but not for speed only, size, style, symmetry, good temper, trustworthiness, serviceableness. To be successful then we must study and give thought and care to the matter, working intelligently. The moral phase is of great importance. No one can say it is wrong to own a good, valuable, serviceable, beautiful horse and fast (if you will). It cannot be denied that there is a demand for such. Where once a man kept one horse and four oxen, he now has four horses and no oxen. Neither is there any inherent wrong in trials of speed; the horse that is bred to trot enjoys the contest as much as his driver does. But there is an increasing illegitimate demand for gambling purposes, and it cannot be denied that the development of speed is tending to increase the gambling propensity; hence I speak of legitimate horse breeding. The purpose of a breeder should be to get all the speed he can, not neglecting other points, but not for gambling purposes. The contest of speed is as lawful as baseball, but where to draw the line is the difficulty; where to stop in development of speed. If one has a horse that can do a mile in 2:40 he wants to go in 2:35, and having done that, he crowds him to get down to 2:30. In order to get the record he must go where horses are trotted, where the system depends on purses, stakes. Many a farmer has brought ruin on himself by trying to make undue speed from his horse, the cost of harnesses and sulky, and boots, and training and entrance fees, being great. The horse fails to get the race and all is lost. Probably no farmer ever got rich in the effort to develop great speed in his own colts. So I conclude that the legitimate horse breeding of which I speak does not include the expectation of great prices for fast trotters; better breed good ten-mile roadsters and sell for a fair

profit. In this matter fictitious values have done harm. One raises a promising colt and will not sell for a fair profit, hoping to get a fancy price, and so keeps his horse until he is worthless and gets nothing for him. The question should be not about the sale of some other horse, but what is *this* horse worth? Add service fee, loss of time of mare, cost of keep, and the actual cost of raising the horse can be easily found. To this add a fair profit, and in the long run attain a prosperous and successful business. Other businesses are conducted in this way, finding actual cost of production, adding a slight margin of profit and then selling, depending on actual value, not fictitious. It will be a great day for legitimate breeding when it shall be conducted for good, serviceable horses—not for speed alone."

### Value of Sheep on the Farm.

No other animal eats so many different varieties of herbage as the sheep, and this fact should recommend the animals to farmers where the fields are over-run with weeds. There are many old fields and pastures that could be greatly benefited by having the weeds destroyed by sheep. Many of our most obnoxious weeds are very difficult to kill, and they continue to grow unless a strict watch is kept over them, uprooting them again and again. But the constant cropping off of such weeds by sheep and lambs would eradicate them from the soil more effectually than any other method. The common willow is a terrible pest in various sections of the country, and it seems to be endowed with more lives than a cat, but it is easily overcome by pasturing sheep in the fields occasionally. The poverty weed, wild carrot, ox-eye daisy and goldenrod, with hosts of others, are nuisances so well known that every farmer would be glad to find a good remedy for killing and preventing their return.

Every pasturage should have sheep placed in it to graze occasionally, for all such fields become overrun with weeds and bushes if neglected too long. Sheep that are allowed to graze in a pasture long enough will soon free it from all weeds and bushes, and leave it covered with fine, sweet, nutritious grasses. Our pastures have been neglected enough in this way already, and there are many hilly and level pastures covered with weeds and bushes which a flock of sheep would soon convert into fine pasturing lots.

In spite of all this, however, the number of sheep in many sections of the country is becoming less every year. But this is due, not to the decline in the sheep industry, so much as to the shifting character of the business. Portions of the country that seem poorly adapted to the raising of sheep are transferring these animals to more favorable sections, and new industries are springing up there. This is a good sign, but it is still a little doubtful if any part of the country is poorly adapted to sheep raising. Some sections are naturally superior to others in this respect, but the mistake heretofore has been that the right sheep for the right sections have not been raised. A better knowledge of the business, and the needs of the various kinds of breeds, will probably result in the restocking of those districts that are now emptying all of their sheep upon other sections. No matter if a country is not well adapted to sheep raising, a few of these animals at least should be on the farm, because they are necessary to good farming. They need not be raised directly for wool or mutton, but simply to improve the land and fill out the farming.

A few sheep are sometimes valuable in wheat growing, and for turning loose in the orchard, where they will not only break up and pack the soil nicely, but destroy weeds and eat up many noxious insects. Their manure also is fine for the garden and all hoed crops. Sheep raising needs encouragement in all parts of the country, and farmers and farm land would be inestimably benefited by it. There can be no loss, for early lambs are always marketable and wool will yield a small profit.—E. P. Smith, in *American Cultivator*.

Don't experiment with your health. You may be sure of the quality of your medicine, even if you have to take much of your food upon trust. Ask your druggist for Ayer's Sarsaparilla, and no other. It is the standard blood-purifier, the most effective and economical.

### Hog Cholera—Mange.

EDITOR KANSAS FARMER:—One of the commonest diseases found in a hog cholera pen is mange. I have yet to find the first herd of fifty head and over of hogs that has not got some of this disease in it. Its presence seems to be everywhere. It is a skin disease and gives the skin the look of old cracked leather, often gives the skin a greasy look. It contracts the skin, produces what some would call hide-bound, prevents growth in young pigs, prevents grown hogs from fattening, prevents development of different parts of hogs, thereby an enemy to the breeder of choice stock, prevents recovery of hogs that have been sick with other diseases, gets into hogs' ears—making them hold their heads sideways, makes the hair stand wrong way, makes runts and scrubs of the finest hogs we have. The herd in which I saw this disease in its most virulent form was one that was having trouble in farrowing. The poor brutes' skins were contracted by disease, instead of being relaxed at that particular time. This disease is favored by filth, by bad management in every shape. Different diseases also favor its increase. In what are understood as hog cholera herds, this disease is particularly active. It works along side of swine fever on the same hogs. It differs from swine fever in several particulars. (1) Mange is favored by filthy surroundings and ill treatment, while swine fever is favored by good treatment and clean surroundings. (2) Mange works upon the skin while swine fever works upon the blood. (3) Mange works slowly in destroying its victims, while swine fever works fast. (4) Where mange will destroy one hog swine fever will destroy one hundred. (5) Swine fever is much more cheaply destroyed than mange. What will destroy mange will often destroy swine fever, but swine fever can be destroyed without interfering with mange.

**Treatment of mange.**—I find the readiest and most direct method is to take nitrate of lead, one pound (costing 30 cents)—this being sufficient when dissolved to dress 400 head at one time. To dissolve the nitrate of lead, take boiling water—several gallons—and pour on to the crystals until dissolved, then pour the solution into four barrels of cold water, and sprinkle the hogs with it by spraying or any way you choose, so long as you wet them all over with the solution. Dipping soon destroys the wash and also makes needless labor of it. I have given instructions for the treatment of 400 head with one pound of nitrate of lead, but it can be easily understood that at this rate that 4 ounces of nitrate of lead and one barrel of water would be sufficient for 100 head, or 1 ounce and one-fourth barrel of water for 25. One dressing with the above solution is generally sufficient to destroy all the mange on hogs. But that is not the only good you can do with this same remedy. It kills swine fever, if present, on the same animals. It kills swine fever so dead that it never rises again on the same hogs, and won't hurt the hogs a particle either. This is killing two diseases with one remedy. The above may seem to many of your readers a novel method of handling diseases in a hog pen, but it will, when used and properly understood, save over half your hogs that die at the present time by these different diseases which you call by one name—hog cholera.

WM. BELSHAW,  
Seneca, Nemaha Co., Kans.

### Thoroughbreds in Battle.

"When I went to the war in 1861" said Senator Wade Hampton to a reporter, "I took with me three thoroughbred stallions that were worth a king's ransom. One was as black as night, one was a dark chestnut and the other was a chestnut sorrel. You are perhaps aware that my father was not only a noted importer of running horses, but a famous breeder of the thoroughbred as well.

"I rode the black stallion at the first Bull Run battle, where I commanded the Hampton Legion, composed of infantry, cavalry and artillery. At the famous cavalry fight at Brandy Station with Pleasanton, in 1863, I rode the chestnut. He was a hard horse to control in a charge, and he nearly carried me into the enemy's lines on that day twice. I rode the chestnut sorrel at the great cavalry fight in the rear of Meade's army on the third day at Gettysburg, and came near meeting the same fate as that I escaped from at Brandy Station a few weeks previous. My exper-

ience with thoroughbreds is, in time of war they are safer horses to get away from the enemy with than when you are going toward him, especially when on a gallop. But when it comes to endurance one thoroughbred will kill three cold-blooded horses in a campaign. They will go further with less food, go faster, and show more courage in the face of danger. I have ridden the stallions I mentioned into Federal batteries and they never once flinched. All of them were wounded three or four times, but they pulled through.

"I think a body of men mounted on entire blooded horses would prove much more formidable in a charge than the same force mounted on geldings of the same blood. Our ancestors in ancient times always went to war on entire blooded horses, and in order that their presence might not be betrayed to the enemy their nostrils were slit so that they could not neigh. The Arabs in their journeys prefer entire blooded horses, as they seem to have more courage, sense, strength and endurance than the mares or geldings."

### SPECIAL CLUB LIST.

In order that we may save our regular subscribers some money, and at the same time supply the very best newspapers and magazines, we have selected a few representative journals, such as are most in demand, which we offer at a very low combination rate, exclusively for subscribers of the KANSAS FARMER. If more than one paper or magazine is desired, in each case subtract one dollar from the combination rate, the remainder representing the amount to remit for that particular one. *We can only supply sample copies of the KANSAS FARMER.*

	Regular price.	Clubbed with Farmer.
Breeder's Gazette.....	\$2.00	\$2.50
Globe-Democrat.....	1.00	1.70
Farm, Field and Stockman.....	1.00	1.75
Kansas City Times.....	1.00	1.75
Western Agriculturist.....	1.10	1.75
Topeka Democrat.....	1.00	1.50
Topeka State Journal.....	1.00	1.50
Daily Kansas State Journal.....	3.00	3.75
Topeka Capital.....	1.00	1.50
The Advocate.....	1.00	1.75
Nonconformist.....	1.50	1.75
Cosmopolitan.....	2.40	2.50
Leavenworth Weekly Times.....	1.00	1.25
Leavenworth Daily Times.....	3.00	3.00
Kansas City Weekly Star.....	1.00	1.25
Kansas City Daily Star.....	4.00	4.00
Western Poultry Breeder.....	.50	1.25
Ham and Eggs.....	.25	1.15
Fanciers' Review.....	.55	1.20
Alliance Tribune.....	1.00	1.75

Turkey hens attain maturity earlier than the gobblers.

Farmers near Atwood, Ind., have organized an exchange, and barter is carried on on first principles.

"It leads them all," is the general reply of druggists when asked about the merit or sales of Hood's Sarsaparilla.

A correspondent of the *Breeder's Gazette* claims for the Jersey: "She will make beef as profitably for food consumed as any other dairy breed.

The "golden hoof" becomes iron unless its wearer is well fed and cared for. Farmers get out of their sheep and other domestic animals what they put into them. It is changed only in form.

Avoid making your horses excitable by being cool and level-headed yourself. Horses are imitators just as men are, and if you are inclined to be foolish about little things you cannot expect anything else from your horse.

A farmer raising several hundred chicks each year sets his hens in small coops. During three weeks they are never allowed to leave the nest. He has a tin cup with water and one with corn before them constantly. His success has been very good for years. This shows that eggs need no cooling, as some believe.

### Special Offer.

We have special arrangements with the publishers of the Weekly *Capital*, the official State paper, a large 12-page weekly newspaper with full dispatches and State news, price \$1. We can supply both the *Capital* and the KANSAS FARMER one year for only \$1.50. Send in your orders at once.

### Farm Loans.

Loans on farms in eastern Kansas, at moderate rate of interest, and no commission. Where title is perfect and security satisfactory no person has ever had to wait a day for money. Special low rates on large loans. Purchase money mortgages bought. T. E. BOWMAN & Co., Jones Building, 116 West Sixth street, Topeka, Kas.



## Affiance Department.

### NATIONAL DIRECTORY.

**FARMERS ALLIANCE AND INDUSTRIAL UNION.**  
 President.....L. L. Polk, Washington, D. C.  
 Vice President.....B. H. Glover, Cambridge, Kas.  
 Secretary.....J. H. Turner, Washington, D. C.  
 Lecturer.....J. F. Willits, McLouth, Kas.  
**FARMERS' MUTUAL BENEFIT ASSOCIATION.**  
 President.....H. H. Moore, Mt. Erie, Wayne Co., Ill.  
 Secretary, John P. Stelle, Mt. Vernon or Dahlgren, Ill.  
**NATIONAL GRANGE.**  
 Master.....J. H. Brigham, Delta, Ohio.  
 Lecturer.....Mortimer Whitehead, Middlebush, N. J.  
 Secretary.....John Trimble, Washington, D. C.

### KANSAS DIRECTORY.

**FARMERS' AND LABORERS' ALLIANCE OF KANSAS.**  
 President.....Frank McGrath, Beloit, Kas.  
 Vice President.....Mrs. F. R. Vickery, Emporia, Kas.  
 Secretary.....J. B. French, Hutchinson, Kas.  
 Treasurer.....S. M. Scott, McPherson, Kas.  
 Lecturer.....Van B. Frasier, Neutral, Kas.  
**STATE ASSEMBLY F. M. B. A.**  
 President.....D. O. Markley, Mound City, Kas.  
 Vice President.....W. C. Barrett, Quenemo, Kas.  
 Secretary.....J. O. Stewart, Ottawa, Kas.  
 Treasurer.....G. W. Moore, Carls, Kas.  
 Committee on Finance.....J. W. Moneley, of Neosho;  
 F. Roth, of Ness; A. E. Stanley, of Franklin.  
**STATE GRANGE.**  
 Master.....A. F. Beardon, McLouth, Kas.  
 Lecturer.....A. F. Allen, Vinland, Kas.  
 Treasurer.....Thomas White, Topeka, Kas.  
 Secretary.....Geo. Black, Olathe, Kas.  
 Executive Committee.....Wm. Sims, Topeka; D. S. Fairchild, Overbrook; G. A. McAdam, Excelsior.  
**CITIZENS' ALLIANCE OF KANSAS.**  
 President.....D. C. Zercher, Olathe, Kas.  
 Vice President.....Ira D. Kellogg, Columbus, Kas.  
 Secretary.....W. F. Bightmore, Cottonwood Falls, Kas.  
 Treasurer.....W. H. Porter, Oswego, Kas.  
 Lecturer.....S. H. Snyder, Kingman, Kas.  
 Executive Committee.....First district, John Stoddard; Second district, B. B. Foy; Third district, G. Hill; Fourth district, C. W. March, Chairman, Topeka; Fifth district, A. Hennigson; Sixth district, W. M. Taylor; Seventh district, Mrs. M. E. Lease.

Officers or members will favor us and our readers by forwarding reports of proceedings early, before they get old.

### SPECIAL.

We want some members of every farmers' organization—Grange, Alliance or F. M. B. A.—to regularly represent the KANSAS FARMER and help extend its fast-growing circulation and usefulness. Please send name and address at once.

### Ellis County.

At the last meeting the County Alliance opposed the re-election of John J. Ingalls, and resolved in favor of the choice of the Representatives in caucus. Resolved that they believe there has been a plot laid to reflect upon the character and standing of President Frank McGrath, and showed their confidence in that gentleman by declaring that they have perfect faith in him.

### Republic County.

White Rock Alliance has unanimously decided that it is to their interest to have the State Exchange run independent of the State Alliance, and condemned the plan of the State Exchange paying tribute to the State Alliance, or being taxed by it in any way, believing that it can stand upon its own merits. A vote on resubmission resulted in three for and thirty-six against. They favor a fifty-dollar per capita circulation, and direct taxation for revenue.

### Subjects for Discussion.

We are asked to suggest subjects, along the economic line, for discussion in Alliances and Unions. Get the books suggested in another place in this issue, and a great variety of subjects will present themselves. A great many local matters are always of pressing interest, as assessment and taxation in their many phases, wages of workmen and salaries of public officers, warehousing property, transportation and its cost, interest rates, appraisement and redemption laws, school books, practical education in schools, refunding of municipal bonds, cost of necessary farm supplies—how to lessen it, middlemen, relations between farmers and merchants, relations between town and country, evil influences in practical politics, political responsibilities of citizens, party claims on personal allegiance, trust of public office, qualifications of officers, etc., etc.

### Nemaha County.

Rock Hill Alliance, No. 1423, in regular session—

Resolved, (1) That we do in this earnest, public manner reaffirm our fealty to the demands of the St. Louis platform, and further indorse and loyally accept those of the supreme council at Ocala. (2) That we respectfully ask our Representatives at Topeka to retire John J. Ingalls, and return in his place W. A. Pfeffer, the tried and trusty advocate of Kansas' great common people. (3) We heartily indorse the compliment and well-earned laurels which awarded to our revered and honored brother, John F. Willits, the worthy office of National Lecturer. May he proudly lead our country to a higher education and grander victory in 1892. (4) That to our Alliance officers, our late candidates, Hon. Ralph Beaumont, Mrs. Lease, Mrs. Emery, and thousands of other loyal, true and brave missionaries, we owe a debt of gratitude. We wish you all a hearty God

bless you. God bless the truths so earnestly, loyally sown. May you reap double reward in this life. In the life to come—"Well done, good and faithful." S. N. Krim, President.  
 DAVID HAXTON, Secretary.  
 Berwick, Kas., Jan. 16, 1891.

### Books for Alliances.

Answering questions concerning proper books for Alliances to have on hand for study, we regard government reports among the very best. Let the Secretary of each Alliance write to the different Cabinet officers and request a copy of the reports of each department as they are issued. Among books on finance, "Brice's Financial Catechism" is very good. It can be obtained from the Vincent Bros., Winfield, Kas.—price 50 cents. A work published by Hon. W. A. Phillips, Salina, Kas., some five years ago, entitled "Labor, Land and Law," contains a great deal of useful information. We do not know the price. Write the Messrs. Vincent, Winfield, for a catalogue of their books. "The Way Out" can be had at the KANSAS FARMER office at 10 cents a single copy, and for 5 cents apiece in lots of ten and upward.

### Shawnee County Alliance.

The meeting on Friday, January 9, was called for the purpose of more thoroughly discussing and final action upon the report of the committee on needed legislation.

This is a country of the people, for the people, and by the people. We, as members of the body politic, the producers for others to make capital, freemen in every sense of the term, many of us having fought for the preservation of the union, whilst many of our relatives and friends have sealed their devotion to our great nation and sacrificed their heart's blood on the altar of liberty, that our country might be great, glorious and free, want sub-treasuries established in our several State capitals, from which money will be loaned at 2 per cent. per annum on improved real estate security—the best security on earth. It will increase the volume of our circulating currency by the issue of United States Treasury notes, greenbacks, and silver certificates of small dimensions in the purchase of silver bars and bullion by the Treasury, and present the following to a discriminating public and a scrutinizing press as our people's bill of rights:

Resolved, That all mortgages on real estate shall be assessed at their full face value and the amount of said mortgage be deducted from the assessed valuation of said real estate.

2. That the assessors throughout the State be instructed to assess all property, both real and personal, at its true cash value, and that railroad property and the holders of chattel mortgages be no exception to this rule.

3. That parties having chattel mortgages on their personal property shall make a true and faithful statement under oath, and the amount of said mortgage be deducted from the assessed valuation of his personal property, the object being to obtain a just and true valuation of real and personal property throughout the State.

4. That the law in reference to foreclosure of mortgages be amended in such a manner as to authorize the court to defer the issuance of execution for not less than six months, nor more than two years, and that no receiver shall be appointed by any court upon any homestead in the State of Kansas.

5. That a Board of Railroad Commissioners be elected by the people at the next general election, said board to consist of three members, the first to hold his office for one year, the second for two years and the third for three years, and at each and every subsequent election there shall be one Railroad Commissioner who shall act as such for a term of three years or until his successor shall have been duly elected and qualified.

6. That for the purpose of making our State printing permanent, and in the near future a saving to the tax-payer and the heads of families, we erect a building as a State printing establishment, and therein print free of cost all school books for use in our public schools throughout the State, said books to be considered State property subject to such rules and regulations as may be recommended by the State Superintendent of Public Instruction.

7. That we favor a State Superintendent of Printing to be selected by joint committee of the State Senate and House of Representatives, they to fix the amount of yearly salary.

8. That we favor retrenchment and thorough reform in fees now collected by Sheriffs, Coroners and Constables, and suggest the same as is now charged by the above-named officials in the State of New York, and invite attention to the system of robbery as now practiced by Police Judges and Justices of the Peace, charges under the title of fees never before heard of.

9. That we demand the Australian system of voting and favor an enactment making it an offense to solicit votes by money or other valuable consideration, and the party so offending shall on conviction be subject to a fine or imprisonment, one or both, in the discrimination of the court.

10. That we oppose the office of a State Agent at Washington, D. C.

11. That we favor the abolishing of the

State Board of Pardons, the State Coal Oil Inspector, the office of County Auditor, throughout the State, and urge the necessity of prompt action by our legislators to reorganize our county and township officials with fees and salaries in accordance with those governing other States.

12. That the election of United States Senator by direct vote of the people has become a political necessity, and we demand of our representatives in Congress that they use their influence to bring about the same.

13. That we are opposed at the present time to the calling of a constitutional convention.

14. That we would consider the re-election of John J. Ingalls a public calamity, and hereby notify our Representatives that we shall hold them strictly responsible if by their actions such misfortune come upon us.

15. That we also believe the following legislation to be imperatively needed and demand that the coming Legislature enact the same into law: (1) A regulation of the charges on railroad traffic in such a way that their net earnings shall not exceed the legal rate of interest on the amount actually invested. (2) Prohibiting the voting of railroad bonds. (3) That all school taxes on railroad property in each county shall be distributed equally throughout the county for the benefit of all the schools, provided that townships voting bonds in counties that do not shall receive all the railroad school tax for the equal benefit of all schools in their townships. (4) Forbidding the use of Pinkerton detectives for the protection of property in case of public disturbance. (5) Real or personal property when sold on mortgage must cancel the debt. (6) An insurance company should pay the full amount of the risk when it is a total loss, and we recommend that any insurance company failing to do so within sixty days from time of adjustment be debarred from doing business in the State. (7) The interest on tax sale certificates should be reduced to 10 per cent., and the county should be the purchaser of all property thus sold.

The committees appointed to solicit aid in this county for the relief of the suffering Alliance people of western Kansas will take notice that T. H. Hiller has been appointed receiving and forwarding agent for this county, and all donations should be delivered to him at North Topeka.

G. G. McCONNELL, Sec'y.

### Gossip About Stock.

The year just closed gave the lowest "top" prices for both hogs and cattle since 1879.

G. W. Berry, of Berryton, has sold Royal Champion to H. M. Kirkpatrick & Son, of Hoge, Leavenworth county. Consideration up in the three figures.

The Morgan Horse Co., of Dundee, Ill., have renewed our old admiration for the Morgan horse by sending to this office their second annual catalogue.

Col. W. A. Harris, of Linwood, has been sounding the praises of Cruickshank Short-horns the last two weeks, while his friends have been enthusiastically discussing his fine points for United States Senator.

From the Chicago wool report for the week ending January 17, the following is taken: "The total amount of sales for the past week foot up nearly 400,000 pounds. Small advances continue to be obtained on the various grades that are in small stock, while medium wools, that continue in large stock, are slow sale at old prices. A few of the sales were medium Utah at 23½ cents, low medium combing 24½ to 25 cents, coarse Wisconsin and Illinois combing 23½ cents, low medium Indiana and Kentucky combing 26½ cents, low medium Wisconsin and Illinois 25 cents, low medium sorted Colorado 23 cents, medium Wisconsin and Illinois clothing 27 cents, fine scoured defective 56 cents."

Attention is called to the advertisement of O. P. Updegraff in the KANSAS FARMER. He proposes to offer two guaranteed baby stakes—both for foals of 1890. The first stake is for \$1,000 for yearlings to be trotted in the fall of 1891; and the other for \$2,000, to be trotted when the colts are two years old, in the fall of 1892. The enterprise is entirely a new one to the West, and was unknown until the great Iowa horseman, Mr. C. W. Williams, introduced it. Mr. Updegraff has already received much encouragement from breeders and owners in this city, and many entries are being named. Being well known in the West as an honest, industrious business man, who has always made his word as good as his bond and fulfilled every contract he ever entered into. If the enterprise meets with the encouragement which it deserves, Mr. Updegraff will continue the stakes from year to year.

Larimer, Smith & Bridgeford, wide-awake live stock commission merchants of Kansas City, write us that the receipts of live stock at the stock yards of that city the past year, compared with the previous year, were as follows: 1890—Cattle, 1,472,229; calves, 76,568; hogs, 2,865,161; sheep, 535,869; horses and mules, 37,118. 1889—Cattle, 1,220,343; hogs, 2,073,910; sheep, 370,772; horses and mules, 34,563. During the first week in January, 1890, the average highest price paid for cattle was \$4.34, and the general average weight of "tops" 1,497 pounds. For the week ending April 10, the average highest price was \$4.62, and the general average weight of "tops" 1,540 pounds. Values continued to advance until for the week ending May 8,

the average highest price was \$5.01, and the general average weight of "tops" 1,499 pounds. From that time on there was a decline in values until for the week ending August 7, the average highest price was \$3.99, and the general average weight of "tops" 1,270 pounds. On August 23, thirty-eight Polled-Angus steers, averaging 1,460 pounds, sold at \$4.90. Hogs opened on January 1, 1890, at \$3.50@3.60, and on January 14, ranged \$3.40@3.70. On January 20, 22, 24 and 27, sales were made at \$3.80. The highest price, \$3.82½, was paid on January 23 and 30. February opened with the range \$3.60@3.80, and the highest price paid during the month was \$3.85 on February 5 and 10. On March 1, the range was \$3.70@3.82½, and on March 8, \$4.00 was paid. \$4.15 on March 30 and 31 was the highest price paid during the month. On April 1, the range was \$4.00@4.17½. Values were for the most part steady, and \$4.20 was the highest price, paid on April 10, 11 and 18. May opened with sales ranging \$3.90@4.07½, and declined to \$3.65@3.75. On May 31, some immaterial fluctuations occurring in the meantime. On Monday, June 2, the range was \$3.60@3.75, and on June 30 values had declined to \$3.42½@3.65. On July 1, sales ranged \$3.40@3.50, and with slight fluctuations during the month, closed with \$3.40@3.60 on the 31st. On August 1, the extreme range of sales was \$3.30@3.67½, and advanced until on the 30th the range was \$3.35@4.10, closing on the 31st with \$3.75@4.05. September opened with \$3.60@4.10 on the 2d, closing with \$4.00@4.32½, as high as \$4.60 having been paid on September 19. On October 1, sales ranged \$3.75@4.32½, sold up to \$4.40 on the 2d, 3d and 7th, closing on October 31 with sales at \$3.60@4.05. November opened with sales at \$3.40@4.15, and did not fluctuate violently, closing on Saturday, November 29, with sales at \$3.25@3.90. On December 1, sales ranged \$3.15@3.75, and on December 17 sold down to \$3.00@3.35, closing on December 31 with sales at \$3.15@3.80. The sheep trade has been satisfactory to all concerned, but the quality of the receipts has been, as a general thing, below medium. The closeness of the money market during the last five months has had a depressing effect on all lines of business, and has forced feeders to prematurely market much of their stock. Although money is still close, there is now more confidence in the future. We believe that we have already seen the worst of the hard times, and that good fat cattle will sell at good prices and be profitable to feeders.

### A Most Remarkable Offer.

We have been publishing for several issues an advertisement of Mrs. John A. Logan's new publication, the *Home Magazine*, together with our clubbing offer. Our subscribers certainly have not given this offer the consideration it merits, for surely not one of them will fail to take advantage of it when they have fully considered the proposition, and examined a copy of the *Home Magazine*.

Never before in the history of journalism has the attempt been made to publish such a periodical as the one Mrs. Logan is now conducting at the price the publishers are now asking for it. In fact \$2.00 would be thought only a reasonable price for one year's subscription. It is a large 28 to 32 page magazine, printed on book paper, handsomely and profusely illustrated, with literary matter from the best writers. The *Magazine* has already attained a circulation of nearly a quarter of a million, and this in three years, showing that it is fully appreciated.

Now, the publishers of the *Home Magazine* have enabled us to make a most liberal offer to all our subscribers, old and new. If you have not seen a copy of the *Home Magazine*, call at our office or send for sample copy.

We offer our paper and the *Home Magazine* both one year for only \$1.25. The combination is worth fully many times the price.

### A Boon to Humanity.

Our representative, J. M. Blake, was down to Wichita last week, and heard of a gentleman there, connected with the Wichita Remedy Company, recently found, who has discovered and most successfully used a sure remedy for that dread disease, cancer. We have heard of many nostrums and pretended cures for that terrible affliction, but, investigation has proven them all failures. Mr. Blake took special pains to personally inspect the work done, testimonials, some patients treated, and found those healed by this marvelous conqueror of cancer most grateful and anxious to testify.

Those having any kind of cancerous growth should not delay the treatment one hour, for delay is fatal. Go to Wichita and consult M. S. Rochelle, the company's medical director, who will tell you honestly and inform you of your condition, and if not already in death's embrace, he will surely heal you and cause you to rejoice the rest of your life.

We are not writing this as merely an advertising puff, but, because we are bestowing a great blessing upon our race in pointing the unfortunate so afflicted to such a sure and safe relief from this heretofore incurable malady. The company can secure patients comfortable quarters, at reasonable rates, while subject to treatment.



## STATE POULTRY ASSOCIATION.

The State Poultry Association made a good display at Topeka, January 15th, 16th and 17th, 1891. Following are the awards:

## LIGHT BRAHMA.

	Premium.	Score.
J. W. Werner & Son, cock.	1	91
Adam Rankin, cock.	2	88
J. W. Werner & Son, cockerel.	1	93 1/2
J. W. Werner & Son, cockerel.	2	92
Mrs. Emma Brosius, cockerel.	3	91 1/2
F. H. Vesper & Son, cockerel.	3	90 1/2
A. Sheetz, cockerel.	4	90 1/2
A. Sheetz, hen.	1	91 1/2
A. Sheetz, hen.	2	91 1/2
J. W. Werner & Son, hen.	2	91 1/2
A. Sheetz, hen.	3	91 1/2
J. W. Werner & Son, pullet.	1	94 1/2
J. W. Werner & Son, pullet.	2	94
J. W. Werner & Son, pullet.	3	93 1/2
A. Sheetz, pullet.	3	93 1/2
A. Sheetz, pullet.	4	93
Adam Rankin, pullet.	4	93
J. W. Werner & Son, breeding pen.	1	187 1/2
A. Sheetz, breeding pen.	2	183 1/2
Mrs. E. Brosius, breeding pen.	3	182 1/2
A. Rankin, breeding pen.	4	181 1/2

## BLACK LANGSHANS.

S. S. Robinson, cock.	1	94 1/2
D. Q. Diven, cockerel.	1	95 1/2
W. A. Howard, cockerel.	1	95 1/2
S. S. Robinson, cockerel.	2	95
W. A. Howard, cockerel.	3	94
S. S. Robinson, cockerel.	3	94
E. J. Holderness, cockerel.	4	93 1/2
S. S. Robinson, hen.	1	95
S. S. Robinson, hen.	2	92
S. S. Robinson, pullet.	1	95
S. S. Robinson, pullet.	2	94
D. Q. Diven, pullet.	3	93 1/2
W. A. Howard, pullet.	4	92
S. S. Robinson, breeding pen.	1	189
E. J. Holderness, breeding pen.	2	188
W. A. Howard, breeding pen.	3	178 1/2
Kidder, breeding pen.	4	189
D. Q. Diven, pair.	1	189
W. A. Howard, pair.	2	189

## PARTRIDGE COCHIN.

S. S. Robinson, cock.	1	93
T. V. Codington, cock.	2	92
S. S. Robinson, cockerel.	1	94 1/2
S. S. Robinson, cockerel.	2	94
S. S. Robinson, cockerel.	3	92 1/2
S. S. Robinson, cockerel.	4	92 1/2
S. S. Robinson, hen.	1	93
S. S. Robinson, hen.	2	92 1/2
S. S. Robinson, hen.	3	92 1/2
S. S. Robinson, hen.	4	92 1/2
S. S. Robinson, pullet.	1	94 1/2
S. S. Robinson, pullet.	2	94
S. S. Robinson, pullet.	3	96
S. S. Robinson, pullet.	4	92 1/2
S. S. Robinson, breeding pen.	1	188 1/2
S. S. Robinson, breeding pen.	2	188 1/2
T. V. Codington, pair.	1	184 1/2

## BARRED PLYMOUTH ROCKS.

A. Sheetz, breeding pen.	1	188 1/2
F. W. Hitchcock, cockerel.	1	93
F. W. Hitchcock, pullet.	1	92 1/2
A. Sheetz, hen.	1	90
J. C. Snyder, hen.	2	179 1/2
F. H. Vesper & Son, cock.	2	88 1/2
G. C. Watkins, cockerel.	2	91 1/2
F. H. Vesper & Son, hen.	2	88
F. W. Hitchcock, pullet.	2	92 1/2
A. Sheetz, cockerel.	3	89 1/2
J. C. Snyder, pullet.	3	92
G. C. Watkins, pullet.	3	94
J. C. Snyder, cockerel.	4	84
A. Sheetz, pullet.	4	84
J. C. Snyder, pullet.	4	90 1/2

## WHITE PLYMOUTH ROCKS.

I. J. Molby, breeding pen.	1	187 1/2
I. J. Molby, pair.	1	187 1/2
J. W. Werner & Son, pair.	1	188
A. Rankin, pair.	2	182 1/2

## S. L. WYANDOTTES.

A. Gandy, cock.	1	85 1/2
Mr. and Mrs. D. M. May, cockerel.	1	92 1/2
Carl Welck, cockerel.	2	89
Carl Welck, cockerel.	3	88
A. Gandy, cockerel.	4	85 1/2
J. G. Hewitt, hen.	1	90 1/2
Mr. and Mrs. D. M. May, pullet.	1	90 1/2
A. Gandy, pullet.	2	90 1/2
S. B. McGraw, pullet.	3	89 1/2
Mr. and Mrs. D. M. May, breed'g pen 1	1	185 1/2
Mr. and Mrs. D. M. May, breed'g pen 2	1	182 1/2
Mr. and Mrs. D. M. May, breed'g pen 3	1	181 1/2
Carl Welck, breeding pen.	4	179 1/2

## BLACK WYANDOTTES.

A. Gandy, pullet.	1	93 1/2
-------------------	---	--------

## BLACK COCHINS.

C. H. Rhodes, 1, 2, 3 and 4 on cockerels, 1, 2, 3 and 4 on pullets and 1 and 2 on breeding pens.		
--	--	--

## WHITE LANGSHANS.

W. A. Howard, 1st on pair, C. E. Kidder, 2nd on pair. This class is not yet admitted to standard registry.		
--	--	--

## PEKIN DUCKS.

H. B. Cowles, 1st pair, Vesper & Son, 2nd pair, H. B. Cowles, 1st on individual. This class is not yet standard.		
--	--	--

## BLACK MINORCAS.

F. H. Vesper & Son, cock.	1	92
F. H. Vesper & Son, hen.	1	93 1/2
F. H. Vesper & Son, pullet.	1	92
F. H. Vesper & Son, breeding pen.	1	185 1/2

## S. S. HAMBURG.

J. P. Lucas, cockerel.	1	90 1/2
J. P. Lucas, hen.	1	92 1/2
J. P. Lucas, pullet.	1	92 1/2
J. P. Lucas, pullet.	2	92
J. P. Lucas, pullet.	3	91
J. P. Lucas, pullet.	4	91
J. P. Lucas, breeding pen.	1	182 1/2

## W. C. B. POLISH.

H. E. Gavitt, cockerel.	1	94
H. E. Gavitt, pullet.	1	92 1/2
H. E. Gavitt, breeding pen.	1	189 1/2

## S. C. BROWN LEHORNS.

J. G. Hewitt, pullet.	1	93 1/2
N. H. Wolf, pullet.	2	92 1/2
F. H. Vesper & Son, pullet.	2	92 1/2
S. B. McGraw, pullet.	3	92

## BLACK COCHINS.

C. H. Rhodes, cockerel.	1	94
C. H. Rhodes, cockerel.	2	94
C. H. Rhodes, cockerel.	3	94
C. H. Rhodes, cockerel.	4	93 1/2
C. H. Rhodes, pullet.	1	96
C. H. Rhodes, pullet.	2	94 1/2
C. H. Rhodes, pullet.	3	94 1/2
C. H. Rhodes, pullet.	4	94 1/2
C. H. Rhodes, pen.	1	188 1/2
C. H. Rhodes, pen.	2	187 1/2

## BUFF COCHINS.

F. H. Vesper & Son, cockerel.	1	91 1/2
J. G. Hewitt, cock.	1	85 1/2
F. H. Vesper & Son, Pullet.	1	90
S. B. McGraw, pullet.	2	88
S. B. McGraw, pen.	2	178 1/2
Philip Maier, pen.	4	177

## GOLDEN WYANDOTTES.

Thos. Owen, cockerel.	1	85 1/2
Thos. Owen, pullet.	1	92
W. F. B. SPANISH.		
Harry Shull, cockerel.	1	94 1/2
H. E. Gavitt, cockerel.	2	93 1/2
Carl Welcke, hen.	1	95 1/2
H. Gavitt, hen.	2	94 1/2
Carl Welcke, hen.	2	94 1/2
Carl Welcke, hen.	3	94
Frank Grief, pullet.	1	96
Carl Welcke, pullet.	2	95 1/2
Harry Shull, pullet.	3	94 1/2
Barl Welcke, pullet.	4	94
Carl Welcke, breeding pen.	1	180

## GAMES—B. B. RED.

Henry Mayer, cock.	1	96
Theo. Sternberg, cock.	2	94 1/2
H. A. Wattles, cockerel.	1	94
Henry Mayer, cockerel.	2	92 1/2
H. H. Wattles, hen.	1	95 1/2
H. H. Wattles, hen.	2	94 1/2
Henry Mayer, hen.	3	95 1/2
Theo. Sternberg, pullet.	1	93 1/2
Henry Mayer, pullet.	2	93 1/2
H. A. Wattles, breeding pen.	1	188 1/2

## GAMES—JAPANESE.

Henry Mayer, cock.	1	96
Henry Mayer, cockerel.	1	94 1/2
Irwin Taylor, Jr., breeding pen.	1	188 1/2

## S. D. GAME BATAMS.

Clarence Young, cockerel.	1	91 1/2
Clarence Young, hen.	1	94 1/2
Clarence Young, pullet.	1	94 1/2

## INDIAN GAMES.

E. A. Haslet, cock.	1	93 1/2
E. A. Haslet, cockerel.	1	93 1/2
J. L. Worley, cockerel.	2	92
E. A. Haslet, hen.	1	95
E. A. Haslet, pullet.	1	94
E. A. Haslet, pullet.	2	93 1/2
J. L. Worley, pullet.	1	92
J. L. Worley, pullet.	4	92

## B. S. POLISH.

Ed. Hossfeld, cockerel.	2	92
Ed. Hossfeld, pullet.	1	92
Ed. Hossfeld, breeding pen.	1	183

## B. B. RED GAME BATAMS.

E. A. Haslet, cockerel.	1	93
J. G. Hewitt, cockerel.	2	89 1/2
J. G. Hewitt, hen.	1	92 1/2
E. A. Haslet, pullet.	1	94 1/2
E. A. Haslet, pullet.	2	94

## RED CAPS.

Ed. Hossfeld, cock.	1	92
Ed. Hossfeld, hen.	3	87
H. E. Gavitt, cockerel.	1	91
H. E. Gavitt, pullet.	1	92
H. E. Gavitt, pullet.	1	88
H. E. Gavitt, breeding pen.	1	183

## WHITE HOLLAND TURKEYS.

A. Gandy, pair.	4	184 1/2
-----------------	---	---------

## BRONZE TURKEYS.

Mrs. Emma Brosius, cockerel.	1	95 1/2
Mrs. Emma Brosius, cock.	4	80
Mrs. Emma Brosius, hen.	2	89
Mrs. Emma Brosius, pullet.	1	97 1/2

## WHITE LEHORNS.

J. G. Hewitt, cockerel.	1	93
Carl Welck, hen.	1	19

The following officers were elected for the year 1891:

President, Theodore Sternberg, of Ellsworth; Vice President, S. S. Robinson, Hazelton; Second Vice President, Carl Welcke, Ellsworth; Third Vice President, C. A. Hodge, Abilene; Secretary, J. P. Lucas, Topeka; Corresponding Secretary, John G. Hewitt, Topeka; Treasurer, C. H. Rhodes, Topeka; Executive committee—J. D. Alexander, Wichita; J. W. Werner, Greenleaf; Mrs. D. M. May, Emporia; Dr. J. R. Douglass, Concordia.

## Make Your Own Bitters.

On receipt of thirty cents U. S. stamps, I will send to any address one package Steketee's Dry Bitters. One package makes one gallon best tonic known. Cures stomach and kidney diseases. Address GEO. G. STEKETEE, Grand Rapids, Mich. Read Steketee's advertisement on Hog Cholera.

The State at its forestry stations at Ogallah, Trego county, and Dodge City, Ford county, now has about 1,300,000 yearling forest trees for free distribution. Persons wishing a share of these little trees ought to let me know at once at either of the above named places or at Hayes City, Kansas, so that I may correspond with them and receive their formal application prior to February 15, 1891. Martin Allen, Commissioner of Forestry.

## Stockmen, Read This.

DESOTA, MO., Jan., 16, 1891.  
Mr. G. G. Steketee, Proprietor Steketee's Hog Cholera Cure. Send me for a neighbor, three pounds of your Hog Cholera Cure as soon as possible. He is losing his hogs with cholera. I used it on my hogs and it worked like a charm.

GEO. ADDES.  
The invention of Steketee's remedy for the prevention and cure of Hog Cholera is nearly as valuable to the farmers, as is Prof. Kock's discovery for the cure of consumption to the human being. Farmers I sell you no humbug. It is the cheapest medicine for the price known. Try it. Send 60 cents to G. G. Steketee, Grand Rapids, Mich., or make your druggists or dealers have it, and pay them 50 cents.

## Commercial Restaurant

Is located at 528 Kansas avenue, Topeka, and is the best patronized restaurant in the city. Good meals 25 cents. Oysters or lunch to order at reasonable prices. Try the Commercial when in Topeka and you will become a regular patron.

Bookkeeping and Shorthand at Topeka Business College. Students may enter at any date.

## SOLID GOLD WATCHES FREE!



We, the Publishers of this paper will give away absolutely Free! 50,000 genuine Solid Gold Stem-winding and Stem-setting Watches (in order to get new subscribers and agents) to 50,000 persons as stated in our advertisement in our paper. These Watches come in Ladies' or Gents' size, Hunting Case or Open Face, in different styles of cases. Each and every Watch will be warranted and guaranteed by us and an American Watch Co., who have been doing business in this Country for the last 30 years to be first class in every particular and to run and keep correct time for 5 years! Also that each and every Watch mentioned above is genuine 14k Solid Gold, or we will forfeit \$1,000 to any School, Church or Charitable Institution in the United States. This is certainly one of the grandest offers ever made by any living publisher. How can we do all of this? This is a question that thousands who read our advertisement will ask; we answer—Easily Enough! and in order to make everything perfectly plain to you, we offer the following bona-fide explanation: Papers of a National reputation spend each year from \$5,000 to \$50,000 in advertising to make known their publication and increase their advertising patronage. Of course, no paper can possibly make money, or even exist without advertising. Consequently by giving away absolutely Free 50,000 Solid Gold Watches (and more if our subscribers and Agents demand them) we expect to get the largest circulation of any family publication in the world! Our point is after we get a certain circulation we can command easily from \$25 to \$50 an inch from advertisers for space in our paper—there's Millions of Dollars in advertising—to say nothing about the income from subscriptions. See! Then it will be only a question of time when we will be able to give away more Solid Gold Watches and our paper will give such perfect satisfaction that we will get as much as \$50 to \$100 new subscribers in every town where our paper goes, and as there is something like 50,000 towns in America, you can easily see what an immense circulation we are sure to build up. Remember we are after a large circulation! We must have it! Even though it costs Two Millions of Dollars! Otherwise our enterprise would be a dead failure. We consider our paper one of the most reliable and popular Home publications that is printed. You'll say so too, when you see it. It is a complete family paper in every way. Each issue is beautiful, fully illustrated, containing complete and serial stories of fascinating interest, and a rich variety of funny sketches, anecdotes, news, condensed notes on fashion, art, industries, literature, etc., and stands conspicuous among the illustrated journals. When the New York World, Herald, Times, Tribune and other papers have an income of over One Million Dollars each year why can't we have the same thing? Has a man ever done anything yet that another one couldn't do? Any person with money to invest, can make money! Isn't this true? Now read the following and secure a splendid premium.

## OUR GRAND 60 DAYS OFFER!

Upon receipt of a One Dollar Bill, Postal Note, Express Money Order, Registered Letter or P. O. Money Order for one year's Subscription to Home Guest we will send you by return mail postage paid. Absolutely Free, as a Premium, this beautiful and elegant Stem-winder as illustrated here. This advertisement may never appear again. So Out It Out! Nothing is gained by correspondence as everything is fully explained here. References: All Newspaper Publishers, any Mercantile Agency, Bank, Merchant or Express Agent in this city. Extra! We will send six of these Premiums and six copies of our paper for one year to a club of six persons for \$5. Perhaps you can get five of your friends to join you and thus get your own Premium and paper Free! Address,

CHAS. H. HAWKSHAW & CO., Publishers, 29 Park Row, N. Y.



TELEGRAPHY.  
If you want to learn Telegraphy in the shortest possible time and secure a situation at once, write W. J. BOSS, BEST FACILITIES, Holton, Kansas. Bona-fide arrangements with the largest Railway and Telegraph Companies in the U. S. for placing

graduates. Board and room \$10.00 per month.

SITUATIONS SECURED FOR GRADUATES

SEEDS COLE'S GARDEN ANNUAL FREE!  
Containing a complete list of Garden Flowers and Flower Seeds. Gardeners and Farmers should send for it before purchasing. Lowest prices. Stock pure and tested. Address, COLE'S SEED STORE, PELLA, IOWA.



Send 20c. for Electric Insole (state size—men's or women's) Cure Rheumatism. A 4 in. x 6 in. mat. Made from Pine Needles Wash. Try our Electric Jar—Price 25c. Cures headache in one minute. Agents wanted. E. Wingren & Co., Burlington, Kas.

## Private Boarding.

This house is centrally located and offers the very best private board in the city. Furnished rooms. Come before all are taken. Only three blocks from business center and same distance from State Capitol.  
H. F. STEINBERG,  
520 Harrison St., Topeka, Kas.

## Hammock Reclining and Folding Chair.

Sample chair delivered at any railroad station in the United States for \$6. Send for circular, price list, etc. Agents wanted everywhere.

Manufactured by  
PLUMMER CHAIR CO.,  
P. O. Box 33. Arkansas City, Kas.

## CANCER

POSITIVELY AND PERMANENTLY CURED.  
No Knife Used  
A cure assured, with three to eight weeks treatment. Write for testimonials and information, or come and be examined by our Medical Director, M. S. Rochelle.  
THE WICHITA REMEDY COMPANY,  
WICHITA, KANSAS.

## EVERGREENS

FRUIT AND FOREST TREES  
50,000,000 trees for spring trade. No agents employed. All trees sold direct from the Nurseries. Send for our catalogue, mention this paper, and you will receive by return mail a valuable work, (How to Grow EVERGREENS), and a coupon good for 50 cents worth of Trees FREE.  
Our Evergreen and Forest Trees are all grown from seed on our own grounds. Prices lower than the lowest. We send them by Mail and Express, prepaid. Address  
THE E. H. RICKER CO.  
Established 1854.  
Incorporated 1883.  
7th year.

## WEAK MEN

and WOMEN can quickly cure themselves of Wasting Vitality. Lost Manhood from youthful error, etc., safely at home. 64 page Book on All Private Diseases sent FREE (sealed). CURE GUARANTEED. 20 years' experience. Dr. S. M. LOWE, Winnetka, Conn.

## OLDEST &amp; ORIGINAL DOCTOR WHITTIER.

10 WEST NINTH STREET, KANSAS CITY, MO.

## NERVOUS DEBILITY.

seminal weakness, impotency, etc., resulting from youthful indiscretion, excesses in matured years and other causes, inducing some of the following symptoms, as dizziness, confusion of ideas, defective memory, aversion to society, blotches, emissions, exhaustion, varicose veins, etc., are permanently cured. Impaired vitality in many men is caused by diurnal losses, and kidney troubles.

Dr. Wh



## The Home Circle.

### To Correspondents.

The matter for the HOME CIRCLE is selected Wednesday of the week before the paper is printed. Manuscript received after that almost invariably goes over to the next week, unless it is very short and very good. Correspondents will govern themselves accordingly.

### A Dream.

I dreamed last night of such a place  
As I've always wished to see;  
I stood with nature face to face,  
The birds sang merrily.

It seemed to be a summer day,  
The air was fresh and sweet;  
The cares of life were far away,  
They never entered this retreat.

And I was wandering in a glade,  
The flowers formed a carpet fair,  
O perfect did this place seem made  
I felt no grief could enter there.

I plucked the violets, ferns and flowers,  
To form a garland bright;  
For I was Queen in these fair bowers,  
And has not Queen the right?

And were these not my subjects true,  
Who made my life so calm,  
That I could make no use of balsam,  
Nor indeed of any other balm?

For I at last was happy—  
I who had known so much of grief,  
And I blessed my tiny subjects  
Who had brought me such relief.

I would have stayed in that dreamland,  
And not wakened back to earth,  
For who would give up such command  
For even his place of birth?

In this world there's sorrow much,  
I could not welcome the gleam  
Of the morrow's coming light,  
And telling me that this is all a dream.

E. C.

Tread firmly. The air is fresh and bracing,  
And sweet with the breath of hope.  
No more 'mid doubts and fears interlacing,  
Thy feet in the darkness grope.  
Bright golden rays are lavishly sifted  
Through the meshes of merriment down;  
And see! where the ruby clouds are rifted  
White hands hold a jeweled crown!

—Anon.

## USE OF THE PNEUMATIC TUBE IN THE POSTAL SERVICE.

A great deal of surmise and comment is taking place in engineering circles about Postmaster Van Cott's remark that the only solution of the problem of the rapid collection and distribution of mails lies in the adoption of the compressed air system. A correspondent thinks that this system could also be adopted with advantage for the transmission of samples, packages, etc., which are frequently subjected to many delays with the present express facilities. Some officials seem to regard such articles as of little importance, whereas it is often of great moment to have samples forwarded with all possible dispatch.

The possibilities of compressed air are as yet not fully realized in this country. The pneumatic tube system of communication is of course in use in many of the big down town stores, in newspaper offices and to some extent between Western Union offices; but there exists a great deal of ignorance about the use of compressed air, even among engineering experts. Of course the principle of the system is well understood, but except for mining operations and for sending articles from one part of a building to another it is not in general commercial use in the United States.

A leading engineer said to a reporter the other day: "This compressed air system, of which there is so much talk, is financially well supported, but it's all humbug." This expresses the opinion of a great many who are supposed to be thoroughly acquainted with the most recent developments of mechanical science. But as many whose occupation does not lead them to make strict investigation into the feasibility of all the mechanical contrivances that come into public discussion are beginning to think that the use of compressed air would solve many postal difficulties and also mitigate the smoke nuisance, a brief summary of the information on the subject is given here.

### THE SYSTEM USED IN PARIS.

It is generally believed that the system, now in actual use in Paris, has solved the question of the speedy transmission of letters and parcels. But this system was first adopted for the purpose of regulating the clocks of the city on the pneumatic button principle, to obtain a uniformity of time all over Paris. A large number of capitalists became interested in the scheme, the company extended its operations and the principal business of the company at

present is the supplying of power to manufacturing in different parts of the city.

The power is transmitted from the works, which are situated just outside the city limits, in pipes through the city sewers. One advantage of this system is that there is no escape of steam in the factories where it is employed, and it does not vitiate the atmosphere in which the workmen spend so much of their lives. In fact, the escape of air into the rooms is beneficial, as it helps to cool and ventilate them.

On the other hand, the fact that up to the present time it has been found impossible to devise any means which would entirely obviate the continual leakage of air makes the commercial utility of the system doubtful. It has been found that in transmitting air for mining purposes 50 per cent. of the power is lost. Of course in transmitting the air to great distances through the ramifications of a vast city the loss of power by expansion is vastly greater. It is possible that the percentage of waste allowed by the company in Paris would frighten American capitalists, and make the adoption of the system here commercially impracticable. Indeed the system in Paris, although indorsed by generous capital, is still in an experimental stage.

### TRANSMISSION OF LETTERS.

The system has conclusively proved that the scheme is quite practicable physically, although the inevitable waste of power is diametrically opposed to the generally accepted ideas of mechanical economics. Such a service is practicable if the public can afford to pay for it at such a rate as will insure a revenue sufficient to cover the loss of power. But that loss of power makes all the difference between profit and loss, and it is entirely possible that in New York at least compressed air will never become a serious rival to electricity.

The pressure kept up throughout the system varies from seventy-five to eighty pounds, sufficient to tear letters or packages all to tatters. It is strange that the transmission of letters should not have attracted the attention of the company if it could be done profitably, as for this purpose about three pounds or four pounds pressure is amply sufficient. And the fact that they have not made use of what seems such an advantageous system is an argument in favor of the statement that the service the public demands must be so cheap that this system could not fill the requirements without a financial loss.

There are, however, other uses to which scientific ingenuity is beginning to apply compressed air. It is rumored in Paris that a company will shortly supply compressed air at such a low temperature that it will entirely take the place of ice in hotels and households. This is an excellent idea, and opens a new field for sensational novelists. By merely opening a valve in what is apparently an innocent heating apparatus the villain can freeze his victim to death in his own bed chamber. This would have added another story to Edgar Allan Poe's tales of mystery were he alive to-day.

The authorities of the United States navy have also been experimenting with compressed air for the discharge of heavy artillery, especially in connection with the new dynamite gun. —New York Tribune.

From the Springfield Republican: "Good Housekeeping has a much more substantial value in the home than the sensational publications which appeal for the same support and rely on a style of puffery that would put a patent medicine man to blush; and it has the honest and substantial flavor that belongs to the best things of New England. Merit in its contributors outweighs the magic of a name, and this good old standard serves to give the best results. That it should prefer the practical knowledge of expert New England housekeepers to the superficial observations of professional writers who have not acquired information at first sources, ought not to be wondered at by intelligent people—but the other fashion is so prevalent that it is well to lay emphasis on the care with which the editor of *Good Housekeeping* fulfills his office. It is also fair to call attention to the taste in typography and the mechanical niceties which distinguish this magazine, as well as the other publications of Clark W. Bryan & Co.—the *Paper World*, *Progressive Springfield* and the *Library Bulletin*. This house is doing its full share to make the stamp of this city a guaranty of good quality."

Shorthand and Typewriting, General Studies, taught at Topeka Business College.

### Our Children.

Agesilaus, King of Sparta, being asked what things he thought most proper for boys to learn, replied, "Those which they should practice when they come to be men." This is the true basic principle of education; yet how very far have we wandered from that first principle. The mind has been compared to fallow ground, upon which culture and seed are bestowed. While the culture may be all that nature requires, if the seed is worthless, the labor is lost; or by improper culture the good seed sown is also rendered useless; or, again, the fertility of the soil may be injured by injudicious culture. But to know what seed and culture are adapted to the soil requires intelligent husbandry. "What a man sows, that shall he also reap." Take our common schools all over the State. Is the system of education as applied designed to make of them intelligent farmers? Is it any more designed to fit them to become farmers than physicians? Does not the common school course rather lead the young mind toward the professions, and more so as the grades advance? Is there anything in geography to assist the young man in determining the nature of his soil? Is there anything in mathematics that assists him to discern what fertilizing element is needed? Does grammar initiate him into the wonderful mysteries of plant life? Why is a premium set on the branches of education so necessary to intelligent husbandry, and at the same time these sciences considered essential to the qualification of professionals? Our agricultural colleges are designed to remedy this evil, but one out of a hundred of our children are ever fortunate enough to secure the advantage. Why not in our country schools cut down the grammar and geography, allowing half the time to be devoted to the elementary principles of botany, geology and philosophy? What wonders it would unfold to the country boy. His lessons would be around him at every step. A glimpse into natural history would bring him close to nature's heart. The teacher could take the children to the fields and woods to recite and analyze. Would not children thus taught unavoidably develop a love of rural things? Think of the thousands of dollars that might have been saved to the Kansas farmers if they had been able to identify the rank weeds that have destroyed their cattle and horses. Think, too, of the herbal remedies growing in luxuriance everywhere, trampled under the feet of suffering humanity. Why is it that a professional man will so often prosper in agriculture? It is simply by his superior intelligence in the sciences relating to that industry.

A wise philosopher has said we are so constituted that habit will assimilate our natures to almost any condition or occupation. If this be true, why do boys persist in leaving the farm life, unless their education or culture is the cause? True, it is in part attributable to financial failure and the prospect of fruitless toil; but when we reflect that these are in part a result of mistaken education, the cause still precedes the effect. Perhaps we might take a hint from our German brothers, who usually hire a small garden or orchard through the summer months for the use of the kindergarten school. This would serve to give our girls and boys a practical initiation into the science of botany and horticulture, and at the same time instill into their young hearts a love of nature. Thus would city children be drawn to the country, instead of the reverse. In short, if we would have our children love the country, we should teach them those things we would have them practice when they become men and women.

M. J. HUNTER.

### The Management of Children.

If you would see a woman or a child graceful, beautiful, and charming, you must find one that is loved. The child that dreads to be corrected or criticised for every word or movement never has a manner of elegance or an expression of charm. Fill your child's soul with an ideal of good manners, of benevolence and beauty; teach it abstractly to dislike vulgarity, selfishness, rudeness, and to feel that you love and admire it, and expect of it charming manners, and the work is accomplished.

It is impossible for a slave to have any style. If you would have your child dignified, you must treat it with dignity. It is wrong to correct a child in public.

## Peculiar

To itself in many important particulars, Hood's Sarsaparilla is different from and superior to any other medicine.

Peculiar in combination, proportion and preparation of ingredients, Hood's Sarsaparilla possesses the full curative value of the best known remedies of the vegetable kingdom.

Peculiar in its medicinal merit, Hood's Sarsaparilla accomplishes cures hitherto unknown.

Peculiar in strength and economy—Hood's Sarsaparilla is the only medicine of which can truly be said, "100 doses one dollar." Medicines in larger and smaller bottles require larger doses, and do not produce as good results as Hood's Sarsaparilla.

Peculiar in its "good name at home"—there is more of Hood's Sarsaparilla sold in Lowell, where it is made, than of all other blood purifiers.

Peculiar in its phenomenal record of sales abroad, no other preparation has ever attained such popularity in so short a time. Do not be induced to take any other preparation. Be sure to get

### Hood's Sarsaparilla

Sold by all druggists. \$1; six for \$5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

### 100 Doses One Dollar

Any proud child feels degraded by it. It should be a case of dire necessity when you find fault with a child before strangers, and to destroy a child's pride is to do him an irreparable injury. Take advantage of some intimate hour when parent and child are alone together, and then let the parent tenderly explain how the child has behaved ill the day before or that morning, and why the child's conduct was wrong, and how it should have behaved, and show the child that the parent respects it and loves it, and believes in its capacity to do all good things. This will have ten times the effect of punishment, when the child is in a state of excitement and the parent usually angry.

Get in the habit of explaining the reason of things to your child. Let there be as little confusion in its mind as possible. Above all, keep the fact of your love uppermost in the child's mind, and let it understand that you have no wish to domineer over it, only that being older and wiser, and loving the child so much, you would save it from its inexperience, that this is your duty, that you are teaching it to be its own master.

If your child is cross, do not punish him, but distract his mind from the subject that annoys him. If he continues to be cross, suspect his stomach, and assure yourself that this is in perfect order; a troubled digestion is the root of bad temper.—*Harper's Bazar*.

### Confinement and Hard Work

Indoors, particularly in the sitting posture, are far more prejudicial to health than excessive muscular exertion in the open air. Hard sedentary workers are far too weary after office hours to take much needful exercise in the open air. They often need a tonic. Where can they seek invigoration more certainly and agreeably than from Hostetter's Stomach Bitters, a renovant particularly adapted to recruit the exhausted force of nature. Use also for dyspepsia, kidney, liver and rheumatic ailments.

## ST. JACOBS OIL

CURES SURELY.

### SPRAINS.

Ohio & Miss. Railway,  
Office President and  
General Manager,  
Cincinnati, Ohio

"My foot suddenly  
turned and gave me  
a very severely  
sprained ankle. The  
application of St.  
Jacobs Oil resulted at  
once in a relief from  
pain."

W. W. PEABODY,  
Pres't. & Gen'l Man'gr.

### BRUISES.

746 Dolphin Street,  
Baltimore, Md.,  
Jan'y 18, 1890.

"I was bruised badly  
in hip and side by  
a fall and suffered severely.  
St. Jacobs Oil  
completely cured me."  
WM. C. HARDEN,

Member of State  
Legislature.

THE CHARLES A. VOGELER CO., Baltimore, Md.

## If You Have

No appetite, indigestion, flatulence,  
Sick Headache, "all run down," loss  
of flesh, you will find

## Tutt's Pills

the remedy you need. They tone up  
the weak stomach and build up the  
flagging energies. Sufferers from  
mental or physical overwork will find  
relief from them. Nicely sugar coated.

SOLD EVERYWHERE.

TOKOLOGY Complete LADIES GUIDE  
Alice B. Stockham, M. D.  
The very best book for AGENTS. Sample pages free  
Prepaid \$2.75. A. B. Stockham & Co., 157 La Salle St., Chicago.



## The Young Folks.

### Faith.

#### I.

Somewhere in this weary world  
Thou dost go seeking me;  
Through the highway, through the lane,  
Through the gusty path may be.  
Am I fair and full of grace?  
Thou hast never seen my face.  
Yet unerring to my side,  
Shalt thou cross the whole earth wide;  
Its own flower, knows the bee,  
Safe, mine own, shalt come to me,  
If not to-day, to-morrow—  
Live on!

#### II.

Lo! in this austere place,  
Where so few would care to stay;  
Tranquilly, with idle hands,  
Sit I waiting, day by day.  
In my garden there below,  
All my lilies in a row,  
Regal in their white and gold,  
Whisper soft, their secrets old.  
Soon my steadfast dreams shall be  
Merged in grand reality.  
If not to-day, to-morrow—  
Hope on!

#### III.

Hours lag and days grow long;  
Lacks the sun its old-time light;  
No birds sing at eventime;  
No stars gem the sullen night.  
Strange what mocking doubts and fears  
Gather with gathering years;  
Has the world changed, or have I?  
What was song is now but sigh.  
God's own time is long indeed,  
Yet must come the soul's best need.  
If not to-day, to-morrow—  
Love on!

—Josette Gertrude Menard.

But best befriended of the God  
He, who in evil times,  
Warned by an inward voice,  
Heeds not the darkness and the dread,  
Biding by his rule and choice,  
Feeling only the fiery thread  
Leading over heroic ground,  
Walled with mortal terror round,  
To the aim which him allures,  
And the sweet heaven his deed secures.  
—Emerson.

### WHAT CAN BE DONE ON SNOW-SHOES.

Those who look for the first time on the wide clumsy snow-shoes that hang crossed upon the wall of a young bachelor's apartment, or are exhibited in some museum among other curious things from the North, would regard them as an awkward sort of shoe, and a difficult if not dangerous thing to use. The beginner is as ill at ease as a cat with paper shoes on, and more certain to come to grief. With the abject humility that follows the first trial comes a respect for a snow-shoer of only average ability, awe and admiration for the expert who shuffles along unconscious of the great flat surface tied to his feet.

In the northern part of the United States, and in Canada, where it is said the year consists of "eight months winter and four months poor sledding," the snow-shoe is a necessity for hunters, trappers, and those who must travel the unbroken snow. These men begin as boys tramping about with long narrow clapboards fastened to their feet, setting wire nooses for the little white rabbits that track the snow with their own broad feet. As they grow older they get their first pair of rawhide snow-shoes, and with these they go beating about the country on longer excursions with gun on shoulder, scaring away everything but the noisy squirrels and impudent chickadees. As men, one must be with them to appreciate the ease with which they can run, the marvellous way they slide down the steepest banks, clinging to limbs and bushes, and now they go, with skip and jump, after the long-legged, startled moose, through the roughest places where the great trees uprooted by the storms lie piled in endless confusion underneath the snow, never tripping, never falling. As your Indian guide tells you, "Sartin fall down, very poor hunter."

I have heard from those who knew, him of a certain lumberman in Canada who was so good a snow-shoer that there was not a man in the whole country who, running on a hard-beaten roadway with moccasins, could beat him as he ran on his snow-shoes in the deep snow along-side.

As a means of recreation and social enjoyment, snow-shoeing has been taken up by Canadians and by Americans who visit Canada. For many years snow-shoe clubs, especially those at Montreal, have held besides their regular tramps, tournaments each year, which many people from the United States have keenly enjoyed. These carnivals have been imitated in our own cities where there has been enough snow and ice for those northern sports.

There are hurdle races also. It seems to us impossible to jump a hurdle with snow-shoes such as are worn at Montreal.

These shoes are the kind we see most commonly in the United States, and are noticeable for their long "heels," which would be dreadfully in the way when jumping.

In the early war with French and Indians many a winter campaign could never have been carried on but for the snow-shoes, which alone made marching possible. In the winter attacks of the savages upon the settlements in northern New England, and in the expeditions of English and French troops, snow-shoes were a necessary part of their equipment, their baggage being hauled on sleds or toboggans.

Long distances across country are accomplished as quickly and with less fatigue on snow-shoes over the snow than on foot over the same ground after the snow has melted away. There is something in the spring of the snow-shoe and in the manner of the long swinging step that makes it easier than ordinary walking, especially if the ground is uneven.

Nothing is more awkward for a beginner than learning to keep right side up on snow-shoes. It is not necessary to walk with legs stretched wide apart, for one shoe is lifted over instead of around the other. The tracks lie one in front of the other almost as in ordinary walking. By taking long steps one need never flounder in the snow as a beginner does who lets the toe of one shoe get caught under the heel of the other.—Tappan Adney, in Harper's Young People.

### Interesting Items.

Woodenspoon making is an extensive industry in Russia, about 30,000 being the annual product.

A tunnel to Prince Edward Island across Northumberland Straits, a distance of six and a half miles, is the next great engineering feat talked of in Canada.

The most expensive drug is physostigmine, two ounces of which costs nearly \$2,000,000. It is a preparation from the calabar bean, and is of use in eye diseases.

The average length of life is greater in Norway than in any other country in Europe. This is attributed to the fact that the temperature is so generally uniform, and it is cool throughout the year.

Russians dress recent wounds with a thick layer of ashes, prepared by the burning of cotton or linen stuff. This simple, effective and convenient method has been practiced from time immemorial by the Russian peasantry.

The largest apartment-house in the world is located in a suburb of Vienna. It contains between 1,200 and 1,500 rooms, divided into upwards of 400 suites of from four to six rooms each. They are now occupied by over 2,000 people.

There are 5,000 Indians living on reservations in New York State. The Senecas are the largest tribe, having 2,000 members. They have buried the hatchet, smoke the pipe of peace, and instead of having ghost dances at this season, they have Christmas trees, just like the pale-faces.

The finest furs come from those animals that inhabit the coldest climates, and the season of the year in which any of them are killed greatly influences the quality of the fur, a summer skin of some of these animals being comparatively valueless, however excellent it might be in the winter season.

The greatest meat-eaters in the world are the people of America, whose average consumption is 175 pounds per annum. The English come next, with an average of a little over 110 pounds. The French eat only half as much meat as the English, and the people of Germany, Austria and Italy still less.

### The Old, Old Story.

A little cough; a feeling ill;  
A headache off; a daily chill;  
A slower walk; a quickened breath;  
A frequent talk of coming death;  
No strength to rise from day to day;  
From loving eyes he fades away;  
Now lifts no more the weary head,  
The struggle's o'er; the man is dead.

Such is the fatal progress of consumption. How often is repeated the old, old story. Yet not half so often as it was before the knowledge came to mankind that there was a discovery in medical science by which the dread disease could be arrested in its early stages and the patient restored to health. This wonderful remedy, is Dr. Pierce's Golden Medical Discovery.

Thousands of cures follow the use of Dr. Sage's Catarrh Remedy, 50 cents.

## AYER'S HAIR VIGOR

Restores the original color to faded and gray hair, keeps the scalp clean, and imparts that natural gloss and freshness so universally admired.

"A little more than two years ago my hair began turning gray and falling out. After using one bottle of Ayer's Hair Vigor my hair was restored to its original color and ceased falling. An occasional application has since kept the hair in good condition."—Mrs. H. W. Fenwick, Digby, N. S.

"Ayer's Hair Vigor is excellent for the hair. It stimulates the growth, cures baldness, restores the natural color, cleanses the scalp, prevents dandruff, and is a good dressing. We know it to differ from most hair tonics, in being perfectly harmless."—From *Economical Housekeeping*, by Eliza R. Parker.

## Ayer's Hair Vigor,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists and Perfumers.

## SCOTT'S EMULSION

DOES CURE  
CONSUMPTION

In its First Stages.

Be sure you get the genuine.

THE GREAT ENGLISH REMEDY,  
**BEECHAM'S PILLS**  
For Bilious and Nervous Disorders.  
"Worth a Guinea a Box" but sold  
for 25 Cents,  
BY ALL DRUGGISTS.

**PLAYS** Dialogues, Tableaux, Speakers, for School, Club & Parlor. Best out. Catalogue free. T. S. DENISON, Chicago, Ill.

**FREE CARDS** Send your name and address on a postal card for all the Latest Styles of Silk Fringe, Photograph, Envelope, Beveled Edge, Gray Edge Cards &c. Samples of all free. HOME and YOUTH, Cedar, Ohio.

**NAME ON** 55 NEW STYLE FRINGES EMBROIDERED, FLORAL, HIDDEN NAME, &c. CARDS, 500 SCRAP PICTURES. Verses, &c. 50 Puzzle, Ladies' Age Reverser, 1 Calendar. AGENTS' OFFICE and a gift, all 10 cents. GLOBE CARD CO., CENTERBROOK, CONN.

**1 Snake Ring, 1 Band** Ring, and agents samples of our latest and finest cards, all for a free stamp. Banner Card Co., Cedar, Ohio.

**DOUBLE Breech-Loader \$7.75.** All kinds cheaper than elsewhere. Before you buy, send stamp for RIFLES \$2.00. **GUNS** POWELL & CLEMENT, 1250 Main Street, CINCINNATI, Ohio. PISTOLS 75¢.

\$8000.00 a year is being made by John R. Goodwin, Troy, N.Y., at work for us. Reader, you may not make as much, but we can teach you quickly how to earn from \$5 to \$10 a day at the start, and more as you go on. Both sexes, all ages. In any part of America, you can commence at home, giving all your spare moments only to the work. All is new. Great pay SURE for every worker. We start you, furnishing everything. EASILY, SPEEDILY learned. PARTICULARS FREE. Address at once, STINSON & CO., PORTLAND, MAINE.

A Saw Mill for light power at a low price was introduced first by us. Many are in use; many are wanted. If you want one remember that

**\$188.00—A Saw Mill For—\$200.00**

are our figures, and that no better, substantial, durable small mill can be found. Address the old stand,

The Lane & Bodley Co.

ESTABLISHED 1851.

CINCINNATI, O.

**FALL AND WINTER EDITION.** GENERAL CATALOGUE. Everything You Eat, Wear and Use NOW READY. You cannot afford to be without it; even if you don't send orders to us, it will save you money as a guide to prices you should pay at home. We furnish the book free. Send 6 cents to pay the postage on it.

**H. R. EAGLE & CO.,** WHOLESALE FARMERS' SUPPLY HOUSE, 68 Wabash Avenue, CHICAGO, ILL.

NOT FAIL to send for specimens of penmanship and illustrated circulars of the WINFIELD BUSINESS COLLEGE. Only college in the West that has ever been awarded medals at any of the World's great Expositions. Expense less than at any other school. Address, C. S. PERRY, Winfield, Kansas.

## WASHBURN :: COLLEGE,

TOPEKA, KANSAS.

For both sexes. Collegiate and Preparatory courses. Classical, Scientific, Literary Facilities excellent; expenses reasonable. Address PETER MOVIGAR, Fall term begins September 17. President.

## SHORTHAND DEPARTMENT

Winfield M. E. College. The NEW RAPID, the most legible and rapid system in existence, is taught. Can be learned in one-third the time required by other systems. Successfully taught by mail, also. Good positions for all students when competent.

For circulars, etc., address, G. P. Van Wye, Principal, Winfield, Kansas.

**Southwestern Business College.** VICTORIA, CAN. — Wants for Canada.

Book-keeping, Shorthand, Telegraphy, Penmanship, Typewriting, and all other business branches thoroughly taught. Board \$1.50 per week. Send for circulars.

**EMPORIA Business College.** Emporia, Kansas.

Is preferred to other like schools, by discerning young people, for the following reasons: (1) Its Commercial, Shorthand and Telegraph courses have the greatest breadth and depth. (2) Because everything is found as represented. Take your course here in this, a city of students. Board \$1.50 per week. Write for specimens, Journals, etc. Now is a good time to enter. A thorough course of thirteen lessons in shorthand by mail, including book and tablets, for \$5.00. Hundreds learn in this way.

**SALINA SCHOOL OF TELEGRAPHY AND RAILROAD BUSINESS**



WILL H. SKELTON, Manager  
**SALINA KANSAS**

## Wanted, x Young x Men

TO LEARN

## TELEGRAPHY,

And be assisted to positions. All former graduates in good paying positions. Best course! Lowest rates! Shortest time! Address as above for terms. Paper published by the school gives detailed information.

## MAKE MONEY, TEACH and ENTERTAIN.

**The AURORA OPTICAL MFG. CO.** TOPEKA, KAS.



IMPROVED STEREOTICONS SCIOPTICONS AND MAGIC LANTERNS. ILLUSTRATED PRICE LISTS MAILED TO ANY ADDRESS.

SOCIETY VIEWS ON HAND.

## OLD COINS WANTED

\$5.75 for 1853 quarters. \$2.00 for 1856 cent. \$1.10 for trade dollars. \$10.50 for 1858 dollar. \$1.00 for 1864 dollar. \$5.50 for 1838 half dollar, and hundreds of other dates wanted for which I pay big prices if in required condition. Send list of all coins you have dated before 1871. Enclose stamp for reply. W. B. SKINNER, Coin Broker, Boston, Mass. Mention this paper.



## KANSAS FARMER.

ESTABLISHED IN 1883.

Published Every Wednesday by the  
**KANSAS FARMER COMPANY.**OFFICE:  
KANSAS FARMER BUILDING,  
Corner Fifth and Jackson Sts.

SUBSCRIPTION PRICE: ONE DOLLAR A YEAR.

An extra copy free fifty-two weeks for a club  
of six, at \$1.00 each.  
Address **KANSAS FARMER CO.,**  
Topeka, Kas.A MEMBER OF THE  
**Western Agricultural Journals**  
CO-OPERATIVE LIST.New York Office: Thos. H. Child, Manager,  
150 Nassau street.  
Chicago Office: Frank B. White, Manager,  
543 The Rookery.

## 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 line for one year.  
Annual cards in the **Breeders' Directory**, consisting of four lines or less, for \$15.00 per year, including a copy of the **KANSAS FARMER** free.  
Electrotype must have metal base.  
Objectionable advertisements or orders from unreliable advertisers, when such is known to be the case, will not be accepted at any price.  
To insure prompt publication of an advertisement, send the 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., Topeka, Kas.**

Kansas always leads.

The "fool farmer" had his way this time.

The first reform Senator goes from Kansas.

Wheat is reported to be generally in good condition.

A great many messages of congratulation to the new Senator have been received. They are treasured as trophies of a victory which he could not forget if he would.

It would have done your heart good, dear reader, could you have seen the "farmer lobby" in Topeka during the Senatorial contest. They were the "old guard," sure.

Several of our subscribers desire to know where they can procure flaxseed. Parties having such seed for sale are missing many sales by not advertising their business through the columns of the "old reliable" **KANSAS FARMER**.

The twelve creameries of Dickinson county have paid to the farmers of that county during the past year over \$20,000 in cash. The industry is growing rapidly, and many farmers are turning their attention almost exclusively to dairy products.

**BARLEY.**—A correspondent wants to know something about barley as a farm crop in Kansas. He wants the experience of some farmer who has raised it. Does it pay? Will some barley man please answer? Duty on foreign barley is now 30 cents a bushel.

Farmers' Institutes will be held as follows: Peabody, Marion county, Thursday and Friday, January 29 and 30; Stockton, Rooks county, Thursday and Friday, February 5 and 6; Hiawatha, Brown county, Thursday and Friday, February 5 and 6. As these annual Institutes are the most valuable educational gatherings of the year for the agriculturist, all farmers who can possibly do so should attend these meetings. Interesting programs and instructive practical papers have been prepared for all of them.

## Western Pork Packing.

The Cincinnati *Price Current* says the aggregate movement of hogs in the West has been decidedly reduced the past week, although moderately exceeding corresponding period last year. Total packing for the week 480,000 hogs, against 625,000 the preceding week, and 450,000 for corresponding time last year. Total from November 1 to date 5,630,000, against 4,905,000 a year ago—Increase 725,000, or nearly 15 per cent. Prices of hogs at the close are about the same as a week ago, being slightly higher in a few instances, and a little below the highest figures of the week. The quality is generally good, but the average weight continues decidedly short of a year ago.

## UNITED STATES SENATOR.

The people are here. This very day they choose one of their number a Senator of the United States for the term beginning March 4, next. Every conceivable device was resorted to in favor of the re-election of Senator Ingalls, but of the ninety-three People's party members in the House and one in the Senate, the editor of the **KANSAS FARMER** received ninety-four—every one. Seven Democrats and one Republican voted the same way. Where, oh, where is the Alliance man that sold his vote? We had an unwavering faith that the record of our Representatives would be good. They can look the world in the face as honest men. May the Good Father remember all of them in the years to come.

The new Senator avails himself of this opportunity to express to the people of Kansas generally and to the members of the People's party in particular, a profound appreciation of this distinguished mark of their confidence. In return he promises a consecration of all of his best energies to the work they have given him to do. He will know no party but that of the people, and no interests but theirs. He believes the country to be worth more than any party, and that the public interests are paramount to those of classes or individuals.

Let us take courage, good people. We are on the eve of great things. We stand in the dawn of a new era. The future is coming near and civilization is taking on new colors. Work on; keep the faith; the day of emancipation is not far ahead.

## THE VOTE FOR SENATOR.

The Senate attended the convention in a body. A full quorum of both houses was present. Gen. Charles W. Blair received one vote in the Senate and two in the House, and Kelly and Morrill one vote each in the Senate, and Lucien Baker, of Leavenworth, one vote in the House.

The following is the vote in detail:  
WILLIAM A. PEPPER.  
Senate 2, House 99.....101  
JOHN J. INGALLS.  
Senate 35, House 23.....58  
SCATTERING.  
Senate 3, House 3.....6  
Total.....165  
Pepper's majority over all.....37

## WORK OF THE LEGISLATURE.

The session is now two weeks advanced, and a great deal of work has been done—much more than usual in so short a time. The Hayseed is carving his way splendidly. He wastes little time in talk, but he watches every man that does talk. And he has his wits about him. He came fresh from a constituency that knows what it wants and he had work all cut out when he came to the capital. The great thing, however, that of which the **KANSAS FARMER** is most proud is, that he has the courage of his convictions. He is absolutely immovable, steady and unpurchaseable.

A very large number of bills have been introduced and referred to appropriate committees; some of them have been reported back and are now before the House for discussion. The debates are orderly and in some respects surprising. The House is so largely composed of farmers that no considerable dispute can be carried on without his help.

Outsiders, the "Third House," as they are termed, have been running things, as they supposed, but the "fool farmers" in the Legislature go right on with the real work they came to do. Taxation, schools, railroads, and other grave matters are under discussion. It requires time to get well under way, because most of the preliminary work is done in committee; and this year a State Printer and United States Senator had to be elected—those matters necessarily occupied some time. Soon we shall be able to report visible progress.

The "old soldiers" and the "preachers" were invited to the Senatorial feast, but they went away empty.

## Gang-Plows, Fodder-Loaders, Etc.

EDITOR **KANSAS FARMER**:—Please inform Bro. C. T. Sears, of Williamsburg, who inquires in your last week's issue about gang-plows, that, with a five year's experience, I cannot recommend them. Mine was the make of a celebrated Western plow manufacturing company—two twelve-inch plows. After wearing it about half out, it went the way of most gang and sulky plows—to a quiet nook in the barnyard, with the jimson weed and festive sunflower growing up around it. They are too cumbersome and unwieldy on an average farm, to say nothing of heavy draft. Mine was hard work for four heavy horses; and as the teams have to be driven at tandem, to avoid side draft, it leaves the plowed field with a solidly-tramped headland at each end. Like most sulky plows, it did good work, and the inevitable spring seat made it "take" with the hired man. But a clumsy blacksmith can soon spoil the shares in sharpening, so as to make them run hard. The sheer weight of the driver and the machine may keep them in the ground, while the plowman walking behind an old-fashioned plow can soon tell by the touch of the handles what ails it. All this time the dumb brutes are tugging away and urged on (for did you ever see a fellow on top of a plow that didn't?), unable either to utter a mild complaint or enter an indignant protest. A few years ago riding plows were all the rage, while but few are used hereabouts now. For shallow plowing and turning under a rank growth of weeds, a sixteen-inch sulky or a gang plow is very serviceable; but in spite of glib-tongued agents asserting that the wheels take off the friction from mould-board, land-side and "sole," the duped grangers skeptically sneer at the scientific theory, and pronounce them "horse killers."

As to Bro. S.'s experience with fodder-loading appliances, a neighbor of mine uses a low, long-coupled truck wagon, loading the shocks on by means of the team hitched to an anchor chain with the other end thrown around the shock. Another neighbor fastens the ends of two strong poles (twenty or more feet long) onto his fore wagon, with the other end dragging on the ground, with two upright stakes behind to keep fodder on. Then, taking an extra team with him, and throwing a chain with a slip-noose around the shock, "yanks" it across the frame.

The farmer who feeds 100 head or more of stock daily, knows what it is to pick corn-fodder out of snow and ice by hand; he can well afford to look around or inquire for something better. The successful inventor of a practicable loading apparatus, not too complicated and costly, will make a fortune.

Like your correspondent, I believe in exchanging ideas and suggestions pertaining to the different branches of our noble calling through the medium of the **KANSAS FARMER**. Let us cease to be sponges, but act on the "give and take" principle.  
ED SECREST.

Randolph, Kas., January 25.

## Seed Catalogues.

EDITOR **KANSAS FARMER**:—A very commonplace topic and one that may very easily be construed into an advertising commendation. Well, we do not care if you so consider it in this case, for we have the beautiful catalogues showered upon us from every direction that a word of acknowledgement and commendation is not certainly out of place. We notice that one of the large seed firms that deal largely in high-priced specialties and novelties have this year spent \$40,000 in preparing and sending out their catalogue, and the readers of them get the benefit of this vast outlay free. Of course our seedsmen make it pay to not only issue and send out these catalogues free, but also they are large patrons of the farm press at this season of the year. But aside from any other consideration these "books of beauty" are really valuable, and nothing that comes to our table is more closely scanned than they. The seedsmen vie with each other in introducing the latest and best thing out, and so far as we have time and means we like to test the novelties. We have the satisfaction often of having the best or earliest in the neighborhood. While we would recommend standard or tested and proved varieties for main crop, yet we would also admire such experimenting with the new, as practicable with your surroundings. So study the seed

catalogues. Order your seeds early. We have our supply largely on hand. Sometimes seedsmen are not careful in shipping mail packages. We have received them with packages broken and contents partially lost. For carefulness commend us to Bouk and Hupert, with three separate wrappings and four tyings, it would have went many times around the world in perfect condition.  
J. M. RICE.

Riverdale, Mo.

## Shawnee County Horticultural Society.

The society will meet at the **KANSAS FARMER** office at 1:30 p. m., Saturday, February 7. The following subjects will be discussed: "Tree Planting," Hon. F. Wellhouse; "Tree Peddlers," Albert Evans; "The Orchard for Market," B. F. Van Orsdol; "Floriculture," W. T. Jackson. Let every one interested in horticulture come; the meetings are open to all.  
W. F. FILE, Secretary.

## Wheat Condition.

Mr. Prince, the Crop Statistician, reports the general condition of wheat in the Northwest and Southwest, and also the States west of the Mississippi river, to be practically these: So far we have had a dry winter. The snowfall has been the heaviest in Kansas and Missouri, Illinois, Indiana and Ohio and also Michigan have had very little so far this winter. Taking the winter wheat crop as a whole the largest percentage of area is to-day bare of snow. We have had a week of rather trying weather upon it. Last year at this time the crop was very rank, and it had been subjected that week to its first severe freeze, and we are threatened now with the coldest weather of the season. Take the crop as a whole, and under the conditions which have existed since December 1, it has about held its own in the last ten days. There is very little if any wheat moving out of farmers' hands, and supplies from these sources are lower than they were last year at this time. This seems to be particularly the case in Indiana, Illinois, south of the Ohio river, but Kansas and Missouri seem still to hold very fair reserves.

## Publishers' Paragraphs.

A word to our January subscribers: All labels "Jan 91" indicate that subscription terminates with this number of the **KANSAS FARMER**.

The subscription department of this paper desires to announce to those who have not yet renewed, that it will be well to send in your dollar bills at once in order to get the next number of the paper edited by the new United States Senator.

Attention is called to the advertisement of Frank Ford & Son, Ravenna, Ohio, in this issue. We are in receipt of a copy of their catalogue for 1891. It certainly is a "novelty" that all should see before placing their orders for seeds, potatoes, fruit plants or trees. Clear print, neatly arranged, concise, readable, and free to all.

Delano Bros., Lee Park, Neb., growers of and dealers in choice field and garden seeds, lately favored us with a sample package of fresh seed, accompanied by a copy of their fine illustrated catalogue for 1891. They promise fair dealing and unsurpassed seeds at living prices, with a guarantee of safe arrival of seed at destination.

We have two copies left of "History of the Grand Army of the Republic," by Robert B. Beath. They are beautifully bound, with marbled edges, 700 pages, and the work is considered one of the best histories of G. A. R. published. Price is \$5. We will sell a copy to any one for its price and also give one year's subscription to the **KANSAS FARMER**. Or for a club of fifteen names and \$15 we will give the book as a premium. Only two copies left.

About 700 of our good friends have, within the past twenty-four hours come to the **KANSAS FARMER** office and announced the fact that "The Way Out" was also a good "Way In." The business department desires to say that there are on hand a couple of hundred copies of "The Way Out," tenth edition. Send in your orders, and if sufficient call is made we will put the eleventh edition in press. Price—single copies 10 cents, or twenty copies for \$1.

We are just in receipt of Johnson & Stokes Garden and Farm Manual for 1891, from Johnson & Stokes, Philadelphia, Pa., who are well known as one of the most popular and reliable seed houses in the country. It is a most complete book, bound in a very handsome illuminated cover, with reliable descriptions and hundreds of illustrations from nature of vegetables, flowers, plants, bulbs, etc., which include a number of choice novelties in both vegetable and flower seeds. It will be mailed free to all who write for it.



## THE LEGISLATURE.

The following is a list of the bills introduced in both houses of the Kansas Legislature for the four days named:

Friday, January 16.

## HOUSE.

Smith, of Neosho, limiting the powers of counties, townships and cities to borrow money to create indebtedness.

Gable, of Leavenworth, providing for the purchase of coal lands adjacent to the Kansas penitentiary; to amend chapter 171, laws of 1885, to authorize districts and boards of education in Kansas to contract for and purchase school books.

Dickson, of Johnson, to establish the salaries of State officers, their assistants and clerks, judges and officers of the Legislature.

McConkey, of Ottawa, to amend section 7, chapter 38, statutes of 1885, relating to exemption of pensions.

York, of Rawlins, an act for the relief of Rawlins county; (by request), to apportion State for Senators and Representatives; relating to county seats; making appropriation for conveying prisoners to the penitentiary.

Stephens, of Franklin, concerning roads, culverts, bridges and traction engines; apportioning Franklin county into two Representative districts; concerning public highways, weeds, cockle burrs and other noxious weeds; to amend section 80, chapter 93, session laws of 1871, relating to the insurance department; fixing the legal rates of interest and prescribing penalties for usury; fixing the time when township officers shall qualify and enter upon their office; to regulate the action of common carriers of intoxicating liquors.

Milner, of Wyandotte, fixing the duties of Coroner in regard to scientific examination of dead bodies; fixing the fees of Coroners.

Whittington, of Lincoln, relating to the entry of satisfaction of foreclosed liens on real estate by the Clerk of the District court.

Simmons, of Douglas, to create the department of agriculture.

Brown, of Harvey, to repeal section 169, chapter 23, laws of 1889, relating to railroads; to repeal section 98, chapter 23, general statutes of 1889, relating to railroads; compelling railroad companies to adopt, use and maintain upon their freight cars automatic couplings; to compel corporations and others employing laborers to pay weekly wages; to prohibit private bankers from doing business in any other than the individual name or names of the proprietors, and providing a penalty; relating to liability of railroads for damages by fire and amendatory of section 165 of chapter 23, general statutes of 1889.

Lupfer, of Pawnee, requiring railroad companies to mark or cause to be marked the weight of boxes or packages thereon; to change the name of Kelfer Shope to Frederick Seemann.

Hopkins, of Finney, relating to and concerning irrigation.

Phinney, of Jefferson, to amend section 15, chapter 15, laws of 1889, relating to proceedings in garnishment.

Lovitt, to provide a stay of execution in actions for foreclosure of mortgages and other liens; to change the name of W. H. Hollopeter to that of William Henry Heston.

Pratt, of Hamilton, to prevent sheep from being driven across lands other than highways.

Steele, relating to the renting of farm lands; to amend sections 1, 3, 4, 8 and 11 of chapter 168, laws of 1889, relating to liens of mechanics.

Jones, of Butler, providing for the assessment and taxation of judgments.

McKinnie, regulating the contract for interest upon money, prohibiting usury and regulating sections 2 and 3 of chapter 164, laws of 1889; regulating the code of civil procedure and repealing section 1 of chapter 66, laws of 1872; regulating crimes and punishments and amendatory of section 107, chapter 31, statutes of 1868; to amend section 5725, general statutes of 1889, and to provide for the adjacent territory in cities of the second class for school purposes only, and to provide for the qualified voters residing thereon to vote at any election held therein for school purposes.

Alexander, of Anderson, amending section 18, chapter 89, laws of 1874, in relation to roads and highways; to prohibit the killing of pinnated grouse or prairie chickens and quails; to amend section 40, school laws of 1874, providing for the change of school house site.

Shull, of Osage, fixing the fees and salaries of certain officers.

Willard, of Leavenworth, to amend article 2, section 5, chapter 142, laws of 1885, relating to State militia.

Templeton, of Geary, to restore the name of Davis county by changing the name of Geary county to Davis county.

Rice, of Coffey, to provide for the heating of passenger cars by steam.

## SENATE.

Howard, an act fixing the liability of sureties on official bonds.

Kelly, of McPherson, an act giving additional powers to railroad commissioners and prescribing certain liabilities and duties of railroad companies.

Johnson, an act relating to the practice of pharmacy and the sale of poisons.

Osborn, an act to grant James Anthony certain land.

Wilson, an act relating to county seats; an act making appropriations for conveying prisoners to the penitentiary; an act for the relief of Rawlins county.

Rush, an act relating to public money.

Gillett, an act defining the manner in which the property of telegraph com-

panies shall be listed for taxation; an act on rendering divorce decrees.

Moody, an act relating to the organization and control of mutual life insurance associations in this State.

Saturday, January 17.

## HOUSE.

Hurt, of Sedgwick, relating to the office of State Inspector of Oils.

Brown, of Harvey, relating to the liability of fire insurance companies for loss and damage by fire.

Rood, of Marion, providing for the licensing and taxing of dogs; providing for the payment of a reward for killing wolves and coyotes.

McKinnie, to amend section 1, general statutes 1888, respecting notaries public; for the redemption of real estate sold under execution, order of sale or other final process.

Andrews, relating to telephone companies.

Drake, of Morris, (by request) in relation to section end track men on railways.

McClintan, restraining coercion at elections.

Doolittle, of Chase, to protect the purity of elections.

Stephens, of Franklin, fixing the salaries of County Treasurers and County Clerks.

Meeker, to protect the making of a promissory note against fraud on the part of the payee.

Nixon, of Cowley, to change the boundaries of the city of Winfield and to vacate a certain addition.

Meeker, relating to the jurisdiction of Justices of the Peace.

Doolittle, of Chase, to protect the purity of the Legislature.

Kenton, to regulate and establish reasonable maximum charges for the transportation of freight on the different lines of railroads in the State and providing for a State Board of Railroad Commissioners.

Doolittle, of Chase, to apportion the State for judicial purposes.

Maddox, to prohibit the waiver of the appraisalment and stay laws and laws of procedure in suits for the collection of debts and to repeal chapter 66, laws of 1872; providing for the setting aside of sales of real estate for inadequacy of price, made upon execution, order of sale or other final process.

Rehrig, of Wabaunsee, relating to County Surveyors.

Andrews, of Cowley, making appropriations for the idiotic and imbecile asylum.

Whittington, of Lincoln, to prevent railroad companies from requiring their employees to give bonds other than good and sufficient security located in this State.

Kenton, providing for the selection of a board of railroad assessors.

Jones, of Butler, relating to stenographers for District courts.

Rice, of Bourbon, making an appropriation to pay the bounty for sugar manufactured in Kansas in 1889 and 1890.

Clover, for the protection of birds and providing at what season game may be shot.

Webb, of Shawnee, to change the name of Edith F. Armstrong to Edith F. Milligan.

Rowse, for the regulation and support of common schools.

Campbell, of Stafford, to legalize the acts of certain officers.

Shull, of Osage, relating to fire insurance companies and providing for the adjustment of losses on policies issued thereby.

Brown, of Wilson, to protect hotel and boarding-house keepers.

Scott, of Montgomery, to vacate a portion of the townsite of Cherryvale.

Kenton, to repeal chapter 124, laws of 1883, relating to railroads.

Campbell, of Stafford, relating to railroads and to prescribe maximum rates thereon.

Smith, of Smith county, regulating the salaries of County Treasurer, County Clerk, Register of Deeds and Superintendent of Public Instruction of Smith county.

Webb, of Shawnee, relating to the annual levy of school taxes in cities of the first class and to the issuance of bonds by boards of education of such cities for certain purposes; to authorize and empower the Board of Education of the city of Topeka to issue the bonds of their school district for purchasing sites for and erecting buildings, and making additions to present buildings, and furnishing said buildings and additions as school rooms, and for officers of the Board of Education and Superintendent.

## SENATE.

Elliston (presented on behalf of the labor organizations of the State), an act declaring the first Monday in September a legal holiday.

Johnson, an act relating to roads and highways.

Carroll, of Miami, an act for the enrollment, government and compensation of the State militia.

Wilson, an act relating to crimes and punishments, making the baiting or fighting of animals a misdemeanor and prescribing penalty therefor.

Osborn (in behalf of the labor organizations of the State), an act to prohibit the employment of children under 14 years of age, and regulating the employment of children under 16 under certain conditions.

Kelley, of Crawford, an act relating to County Treasurers; an act relating to fire, lightning and tornado insurance.

Long, an act making an appropriation to pay certain sugar bounties on sugar manufactured in 1889 and 1890, and provided for by law.

Bentley, an act for the redemption of land sold for taxes.

McTaggart, an act to regulate the fees

and salaries of county officers in Montgomery county.

Woodward (by request), an act for the suppression of crime.

Monday, January 19.

## HOUSE.

Brown, of Harvey, relating to the boundary lines of Harvey and Marion counties; to authorize the township of Center, Garfield county, to subscribe to the capital stock of a milling company by issuing bonds.

Hopkins, of Finney, relating to and concerning irrigation.

Goodwin, relating to the distribution of money derived from taxes upon railroads for school purposes in the construction of which aid was given by voting bonds; prohibiting the voting of bonds for any purpose whatever excepting the voting of bonds for school purposes.

Whittington, of Lincoln, creating the office of county printer.

Showalter, of Sumner, for the enrollment, government and compensation of the militia of the State, and for the public defense.

Rice, of Bourbon, providing for the control of gas, electric light, and water companies, and prescribing certain duties for the Board of Railroad Commissioners; changing the name of George Kice Irvin.

Henry, of Montgomery, to abolish school district No. 102 in Montgomery county.

Doubleday, to prohibit counties, townships or cities from voting aid except for public buildings, bridges and school houses; relating to negotiable paper obtained by fraud and providing defense thereto.

Davidson, making an appropriation to pay Evan Shriner for supplies furnished during the Price raid.

Carey, of Nemaha, relating to the duties of township and city assessors.

Stephens, of Franklin, requiring the State Board of Education to furnish the people of Kansas a uniform series of school books.

Rehrig, of Wabaunsee, to amend sections 36 and 37 of chapter 39, general statutes of Kansas, relating to witnesses' and jurors' fees; (by request) providing for the election of county printers; (by request) relating to the compensation of election boards.

McConkey, to amend section 1, chapter 41, laws of 1879, in relation to lands sold for taxes.

Hardy, of Brown, requiring the assessor to indorse as listed for taxation, certain evidences of debt, and providing that an action shall be maintained thereon unless so indorsed.

McClintan, to provide for the destruction of weeds along railroads and making railroads liable for stock killed or damaged by same.

Jackson, to regulate the method of assessing promissory notes, bonds and other written evidences of debt and to provide a penalty for the violation thereof.

Caster, to amend section 3, chapter 107, general statutes of 1889.

Pearson, of Allen, relating to the value of railroad property and stock of companies issued in excess of such values, and prescribing certain duties of the Railroad Commissioners.

Meeker, to amend section 21, chapter 98 of the general statutes of 1889.

Vail, to provide for a general school fund and the distribution of the same.

Webb, relating to actions for the recovery of the possession of real property and for adjusting the rights of occupying claimants in certain cases; to authorize the County Commissioners of Shawnee county to construct and maintain a bridge across the Kansas river on Quincy street in the city of Topeka and to prevent the using of said bridge for certain purposes; regulating proceedings in habeas corpus and to repeal certain sections of the code of civil procedure.

Craig, to appropriate a certain sum of money to the heirs of Wm. H. P. Bristow, deceased.

Smith, of Smith county, to remove the political disabilities of Johnson Isom, of Smith county.

McConkey, to amend section 91, chapter 34, laws of 1876, to provide for the assessment and collection of taxes.

Howard, of Shawnee, requiring all public, private and municipal corporations existing under the laws of this State to pay their employees their salaries and wages weekly in lawful money and providing penalties for the violation thereof; constituting eight hours a day's work for all laborers, workmen, mechanics and other persons employed by or on behalf of the State, or any county, city, township or other municipality in said State, or by contractors or others doing work or furnishing material.

## SENATE.

Murdock, an act to vacate a certain part of Brainerd, Butler county.

Senior, an act to regulate the organization of banking corporations.

Carroll, of Miami, an act to regulate elections; an act in relief of W. W. Hopkins, Miami county; an act in relief of C. F. Tracey, Miami county.

Wheeler, an act changing the time of organization of the boards of education in cities of the second class.

Emery, an act in relation to railroads.

Elliston, an act to incorporate and regulate cities of the first class.

Long, an act to enable the County Commissioners of Wallace county to pay certain claims that accrued before its valid organization.

Tuesday, January 20.

## HOUSE.

Milner, of Wyandotte, to amend section 1 of an act to amend sections 8, 9, 11, 13, 14, 21, 91, 92, 93, 94, and 113 of an act entitled

an act to incorporate and regulate cities, approved March 4, 1887.

Coons, of Johnson, to regulate stock yards and commissions for the sale of live stock.

Jones, of Butler, to amend section 21, regulating the conveyances of real estate.

Freeman, of Reno, to remove the political disabilities of George W. Hern.

Goodwin, relative to sleeping cars and the charges for accommodations therein.

Coons, of Johnson, an act for the furnishing of text books for use in all the common schools of the State.

Freeman, of Reno, to change the name of William Amos Sutton to William Amos Stolabarger.

Ruble, to establish, locate and endow a State normal school.

Douglass, of Sedgwick, relating to the fees and salaries of county officers of Sedgwick county.

Ruble (by request), relating to the stenographers of the District court.

Whittington, of Lincoln, to destroy election returns after the expiration of five years.

Lovitt, to refund certain money erroneously paid into the State permanent school fund of the State.

Lupfer, of Pawnee, to legalize a certain election in Cheyenne county and to declare the town of St. Francis the permanent county seat of said county.

Soupe, of Pottawatomie, conferring upon women the right to hold office.

Chubb, to amend section 1 of chapter 145, laws of 1885, concerning mortgages; conferring upon members of subordinate orders of the anti-horse thief associations in certain cases the authority of deputy sheriffs.

Rogers, of Washington, making appropriation for legislative department, enrolling clerks, committee clerks, postage of the members and officers of both houses, and expenses incident to the Legislature of 1891.

Newman, of Clay, to provide for compiling, illustrating, electrotyping, printing and distributing a State series of text books.

Simmons, of Douglas, to establish an experimental station at the State University of Kansas to promote and conduct experiments for the destruction of chinch bugs by contagion or infection.

Stephens, of Franklin, fixing the salaries of county officers of Franklin county.

Dickson, of Johnson, fixing the fees and salaries of certain officers and persons therein named.

Morrison, to create the office of county printer.

Remington, of Miami, an act for the suppression of crime.

Douglass, of Sedgwick, amendatory of and supplemental to chapter 1 of the session laws of 1889, entitled an act for the protection of the records of the several counties of the State and regulating the business of abstracting; to amend section 253 of chapter 199 of the session laws of 1889; (by request), relating to the code of civil procedure and amendatory of section 542, chapter 80 of general statutes of 1868; to amend section 56, chapter 34, session laws of 1876, relating to the assessment and collection of taxes; fixing the fees of certain officers and persons therein named.

Reckards, of Jefferson, in relation to trials by jury.

## SENATE.

Carroll, of Miami, an act to provide for the furnishing of text books in the common schools.

Forney, an act defining and extending the duties of county superintendents of public instruction; an act fixing the time of the annual meeting of school districts; an act relating to the appraisalment of lands.

Howard, an act to establish an experimental station at the State University for conducting experiments for the destruction of chinch bugs by contagion and making appropriation therefor; an act regulating the sale of real estate for delinquent taxes.

Norton, by request, an act to legalize the acts of F. W. Blatner as Justice of the Peace.

Gillett, an act concerning the foreclosure of mortgages.

Wheeler, an act requiring all public, private and municipal corporations to pay wages weekly.

McTaggart, an act to regulate and establish the salaries of the County Commissioners of Montgomery county, Kansas.

Bentley, an act to establish, locate and endow a State normal college; an act relating to the redemption of real property sold under foreclosure or forced sale; an act relating to the release of persons confined for failure to pay any fine or cost by the County Commissioners.

Carroll, of Leavenworth, an act constituting eight hours a day's work for all laborers and other persons employed by the State of Kansas, or any county, city, township, or other municipality in this State.

Had John Jacob Astor, when selling apples in New York, spent his pennies for cigarettes, he never would have founded his great fortune.

Lice do not fancy wading up to their chins in fine dry ashes and lime over walls and roosts. It is well to have two sets of roosting poles. Change every few days, keeping one set out in the weather all the time.

A slow, easy-going horse should never feel the whip except to hurt him. Ladies and tender-hearted drivers often do great mischief to such horses by constantly flicking at them until the horse cares no more for the whip than he does for his tail.



## Horticulture.

### BLACK ROT AND MILDEW IN GRAPES—HOW TO PREVENT IT.

[We clip the following from the catalogue of Wm. Stahl, Quincy, Ill., manufacturer of the Excelsior Sprayer and spraying outfits, thinking it may interest some of our readers.]

Black rot is the most serious and important disease of the vine in the United States. In America only can one appreciate the full extent of the ravages of this malady. There is no disease of the vine yet known that causes in a few days such great losses, and our vinticulturists rightly consider black rot as the worst of all scourges.

The numerous varieties of vines which have been originated and which are still being multiplied in the United States, have been propagated with the hope of discovering one which would be proof against black rot.

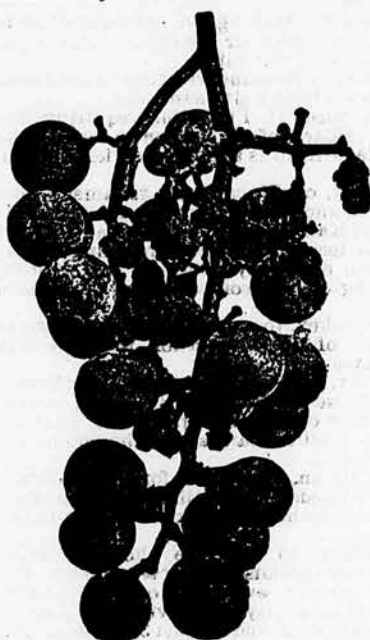
The crossing of American varieties with French vines has been wholly abandoned, for it only resulted in disappointment. At the time when the Rogers' hybrids were introduced a company with a capital of \$200,000 was organized in Missouri for the cultivation of the vine. Very large tracts of land were purchased at a low price and distributed amongst vineyardists who sold their product to the company. Rogers' hybrids had given two good crops, and the hope of realizing large profits imparted confidence in the success of the enterprise. But black rot very soon ruined all the products and brought disaster to the vine-growers and to the company, in spite of the zeal and knowledge of the vinticulturist who directed it.

**Black Rot.**—This disease is confined for the most part to the leaves and fruit. Upon the former it usually appears about ten days before the fruit is attacked and manifests itself in the form of reddish brown, more or less circular spots. As the disease progresses the spots run together, forming large irregular shaped blotches. At the same time there appear scattered over the surface numerous minute black specks.

The berries, when first attacked by the fungus of black rot, show at one or more points upon the surface small brownish, more or less circular discolorations. These rapidly enlarge and soon the rest of the berry turns brown, while the parts first attacked assume a blackish hue. Minute pimples now appear scattered irregularly over the surface, and finally the berry withers, turns black, and ultimately dries up, but, as a rule, remains firmly attached to the stalk. Black rot occurs throughout all the States east of the Rocky mountains. It began its ravages in 1885, and the loss of the vineyardist has increased every year. In 1888 almost every vineyard in the Southern States, except in some instances where the vines were bearing their first crops, was affected with black rot. This was also throughout Illinois, Missouri, Kansas and Iowa, and on the islands of Lake Erie, in Ohio, in western New York and New Jersey thousands of acres were

yard of young vines. In 1887, owing to black rot, the product from the same vines was only one gallon. At Dover, Ohio, this year (1890) fully three-fourths of the crop was destroyed. In western New York, the largest grape belt, at Fredonia, Brocton and Dunkirk, the crop was this year badly affected by mildew, which is less common and causes less loss to the crop, although in consequence of repeated attacks for several years may cause the death of the vine. This never results from black rot.

The Department of Agriculture, during the past three years, has devoted considerable time to the study of fruit tree and vine diseases. This division was the first agency in this country to introduce the use of fungicides for grape diseases, and it is estimated as a result of its work that nearly 5,000 grape-growers, in nearly all parts of the country, treated their vineyards for mildew and black rot in 1890. Probably in no part of the United States was the spraying of the grape vines and fruit trees put to more of a severe test than at Nauvoo, Ill., this season. Nearly \$2,000 was invested there in spraying outfits and material. The results have proven so satisfactory that this coming season almost every vintner and orchardist in



One of the best clusters affected with black rot. Taken from a photograph. (Size reduced.)

that section of the country will have a spraying outfit; in fact the spraying outfits have become as much of a necessity as the plow on a farm.

#### TREATMENT OF BLACK ROT AND MILDEW OF THE GRAPE, PEAR SCAB AND LEAF BLIGHT.

**Bordeaux Mixture.**—(A) Dissolve 16 pounds of sulphate of copper in 22 gallons of water; in another vessel slake 30 pounds of lime in 6 gallons of water. When the last mixture has cooled pour it slowly into the copper solution, taking care to mix the fluids thoroughly by constant stirring.

It is well to have this compound prepared some days before it is required for use. It should be well stirred before applying.

A solution containing the ingredients in the following proportions has been recommended for general use:

**Bordeaux Mixture.**—(B) Dissolve 6 pounds of copper in 16 gallons of water, and slake 4 pounds of fresh lime in 6 gallons of water. When cool mix the solutions as described above.

**Treatment.**—To indicate a definite line of treatment that will be applicable to all regions is somewhat difficult. As a first step, however, every precaution should be taken to remove as much of the infectious material as possible. With this object in view the old leaves and rotten berries should be carefully collected in the fall or winter and burned or buried. The trimmings should also be burned, as they often harbor thousands of the minute spores or reproductive bodies of the fungus.

The Bordeaux mixture has proven beyond a doubt to be the most reliable preventive to black rot. In all cases it must be remembered that these treatments are preventive, and being such it is sheer folly to wait until the enemy appears before beginning the fight.

In spring, after the vineyard has been pruned and put in order by the plow, but before vegetation starts, spray the vines thoroughly with the Bordeaux mixture, formula A. The object of this spraying is to destroy any spores of the fungus that

Injuries to HORSES or any animals

**QUICKLY CURED BY**

## Phenol Sodique

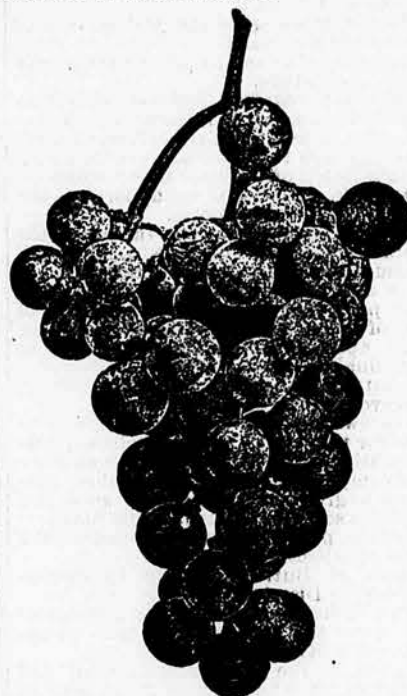
Veterinarians, Farmers, Stock Raisers and Horsemen will find it wonderfully efficacious for wounds, cuts, abrasions, scratches, sores.

It has no equal, and should be always at hand.

*Sold by Druggists and Dealers.*

HANCE BROS. & WHITE, Proprietors, Philadelphia.

may be hidden away in the crevices of the bark. About ten days before the flowers open, spray all the green parts of the vine with the Bordeaux mixture, formula B, taking care to wet the foliage thoroughly. Spray again with the same preparation when the flowers are opening, repeating the operation every three weeks until the fruit begins to color. The necessity for beginning the treatment early can not be too strongly urged; it is absolutely necessary to insure success.



Perfect bunch sprayed with Bordeaux mixture. (Size reduced.)

For applying the remedies, spraying pumps with specially constructed nozzles are necessary. The Excelsior sprayer, fitted with the improved vermoral nozzle, answers the purpose admirably. With this machine (of which the engraving below is an exact representation), which is carried on the back, knapsack fashion, a man can spray from five to six acres of vines per day, and the cost of treating an acre in an average season, using the Bordeaux mixture as indicated above, need not exceed \$8. In all cases where the Bordeaux mixture is employed it will be best to use the Improved Vermoral nozzles, for the reason they are specially constructed to prevent clogging. Heretofore we have had to rely mainly upon machines imported from France. The average fruit-grower can not afford to send to France for a machine that will cost him from \$18 to \$25, this price being entirely beyond the reach of the average farmer, gardener and fruit-grower. The Excelsior Knapsack sprayer is guaranteed to do the work satisfactorily, and is sold with complete outfit for \$14.



The following report of the Department of Agriculture from an experiment made at Vineland, N. J., will convince the grape-growers of the benefits derived from spraying the vines with the Bordeaux mixture, compared with other ingredients. This information, coming from the source in

which it does, should be considered reliable and trustworthy:

#### YIELD OF UNTREATED AND TREATED ROWS FOR SEVERAL SECTIONS.

Sec.	Treatment.	Untreated row.		Treated row.	
		Vines.	Yield of grapes.	Vines.	Yield of grapes.
3	Bordeaux mixture.....	13	lbs. 2 1/4	13	lbs. 80
4	Eau celeste (formula 1).....	13	2 1/4	13	6 1/4
5	Eau celeste (formula 2).....	14	4	14	14
6	Sulphatine.....	25	4	25	20

It is estimated that the extent of damage done to the fruit trees and vines in the United States by insects and fungus disease each year will reach \$400,000,000; in which event it is time some method was devised to avoid this heavy loss, which is most felt by the growers in years of scarcity. The scarcer the fruit is the more we have to contend with insects. This is no doubt accountable for the very short supply this year to a very great extent.

In Europe these remedies have been used for five years or longer, and their application there is now almost universal. In Switzerland a law was recently passed compelling grape-growers to spray their vines.

That beautiful glossy sheen, so much admired in hair, can be secured by the use of Ayer's Hair Vigor. There is nothing better than this preparation for strengthening the scalp and keeping it free from dandruff and itching eruptions.

## STEKETEE'S

### IMPROVED HOG CHOLERA CURE

Greatest Discovery Known for the cure of

### HOG CHOLERA

### PIN-WORMS IN HORSES!

#### HUNDREDS OF THEM.

BOSWELL, IND., October 13, 1890.

Mr. G. G. Stoketee:—Your Hog Cholera Cure, of which I fed two boxes to a yearling colt, brought hundreds of pin-worms and smaller red ones from her. She is doing splendidly. We believe it to be a good medicine. WILLIS ROBISON.

Never was known to fail: the only sure remedy for worms in Hogs, Horses, Sheep, Dogs or Fowls. Every package warranted if used as per directions. Price, 50c per package, 50c. by mail, 8 packages \$1.50 by express, prepaid. If your druggist has not got it send direct to the proprietor, GEO. G. STEKETEE, Grand Rapids, Mich.

Challenge All Other Hog Cholera Remedies. Always mention KANSAS FARMER.

**OEIL'S FRUIT FARM AND NURSERY.**  
J. F. OEIL, Prop'r, North Topeka, Kas. Fruit and Ornamental Trees, Vines, Plants and Shrubs. Cherry Trees and Small Fruits a specialty.

**O, SAY!** I have seventy varieties of Small Fruits, new and old sorts. If you want plants, write for my price list. H. F. SMITH, Lawrence, Kansas.

**Flax Seed and Timothy.**  
Minnesota-grown, plump, thoroughly clean seed. Prices on application.  
ALLIANCE ELEVATOR CO., Adrian, Nobles Co. Minnesota.

## Nebraska Seed

36 Packets Choice Vegetable Seeds \$1.  
Early Mastodon Corn, with a yield of 215 bushels per acre. It will pay you to send for our Catalogue before buying your seeds.  
DELANO BROS., Seedsmen, Lee Park, Neb.



General run of bunches affected with black rot, taken from a photograph. (Size reduced.)

affected with this disease, the majority of vines losing from 80 to 95 per cent. of their crop by black rot. In Tennessee, near Nashville, upon the banks of the Cumberland, Mr. M. O. Randall obtained in 1885, eighty-eight gallons of wine from a vine-



## In the Dairy.

### KANSAS STATE DAIRY ASSOCIATION.

The fourth annual session of the Kansas State Dairy Association convened in the Keith building, Topeka, Thursday, December 15, at 2:40 p. m., with a fair delegate attendance. President Geo. Morgan in the chair and Secretary Geo. W. Hanna at the desk.

Reading of the minutes postponed and John Bull, of Ravenna, this State, was called upon for his paper, "Cheese-Making in Kansas." Mr. Bull is considered the king cheese-maker of the West, and his valuable paper received the closest attention. Among other things he urged the State Board of Agriculture to awaken the Legislature to the necessity of a sufficient appropriation to add a dairy school to the State Agricultural college, at Manhattan, similar to that of the State of Wisconsin.

While Wisconsin, New York, Pennsylvania and other Eastern States are furnishing us with cheese, Mr. Bull claims that none of them can produce a better quality of cheese than we can. Kansas imports thousands of dollars worth of cheese annually for home consumption, and he contends that in ten years, with proper application we may export millions of dollars worth annually and thereby bring the money into our coffers instead of paying it out. He claims that our high temperature, open falls, mild winters and early springs make Kansas superior to any other State for the making of good cheese, and that we ought to be able to make and ship it and sell it to them for less than they can manufacture it themselves. The paper called forth quite an animated discussion which brought out many valuable points pertaining to the industry, all complimentary to Kansas.

Prof. C. C. Georgeson, of the State Agricultural college, followed with a most valuable paper upon "Feeding for Milk and Butter."

In answer to questions Prof. Georgeson said that fifty pounds of ensilage and five pounds each of bran and ground oats mixed with chopped dry feed was a good ration for a cow with a healthy appetite. Also that whatever a cow will continue to eat up clean can not injure her, no matter how much it may be; but cautioned against giving more than would be eaten. Oat hay is considered one of the best.

A gentleman living near Kansas City said he furnishes a number of private families in that city with butter at outside prices, and since beginning to feed freely with turnips, his customers are more pleased with his butter than ever. But such feed should be given after and not before milking, otherwise the milk and butter would be tainted with the flavor of the turnips.

Mr. Jacobs, of Attica, Harper county, complained that he had lost several valuable Holstein cattle by feeding sorghum ensilage.

Papers were then read from absentees J. C. Mayos, of Clay Center, and R. T. Stokes, of Garnett, entitled "Management and Care of Dairy Cattle" and "Private Dairy."

#### EVENING SESSION.

H. W. Cheney, of Shawnee county, read a most entertaining paper entitled "Holstein as Dairy Cattle," giving a history and a few of the remarkable milk and butter records of this valuable breed, some of the tests averaging as high as 122 pounds and 13 ounces per day.

In the discussion that followed it was agreed that the Holsteins were becoming more symmetrical and otherwise improving since imported to this country. A soft, fine, cream-colored skin was most desirable for milkers.

A paper entitled "Fodder Crop" was then read by H. H. Cottrell, of the State Agricultural college. He claims that corn fodder is the most satisfactory and valuable of all rough feed. Moseley's Prolific considered the best variety. Drill in same as wheat, and cut just as the grain begins to harden. Alfalfa considered second to corn fodder.

#### FRIDAY MORNING.

On account of the noise produced by the workmen in placing the electric motor for the butter-extractor in position, the session was not called to order until 11 o'clock, at which time J. E. Nessley, of Manhattan, read a most excellent paper on "Creamery Management," which was listened to with marked attention. Mr. Nessley is one of the most successful creamery men in Kansas, and is thoroughly posted in every branch of the industry. Among the many good things and predictions mentioned in his paper, he declared it his belief that the day is not far distant when our friends east of the Alleghany mountains will wake up to the realization that Kansas is the greatest dairy State in the Union; that the proper management of creameries would bring about this result; that they must make themselves known and heard. He condemned the practice of creameries being managed by men who had other occupations, declaring it his belief that one-half of the creamery managers to-day are not fitted, are not educated for the business. Instead of trying to educate the masses in this line, he contended that we should bring our efforts in this direction to the few, upon whom more directly devolves the management. What we want are schools to educate men for the



Can be put on by any one.

How to Keep Poultry Healthy.

How to Keep Fowls free from Vermin.

How to Build good Buildings Cheap.

How to be a Successful Farmer.

How to be a Money Making Poultryman.

Use "NEPONSET" WATER PROOF FABRICS.

THEY enable you to BUILD EXCELLENT HOUSES with a SMALL OUTLAY. Being Non-Conductor of Heat, they INSURE BUILDINGS being WARM in WINTER and COOL in SUMMER. As DURABLE as Shingles and COSTS ABOUT ONE-THIRD AS MUCH.

MANUFACTURED SOLELY BY

F. W. BIRD & SON, - EAST WALPOLE, MASS.

Your Dealer should have it. Write to us and we will send you FREE, samples and full explanations.

S. E. BARRETT MANUFACTURING CO., WHOLESALE AGENTS, CHICAGO, ILL.

practical working of creameries, and to this end we should ask the Legislature to appropriate the necessary means.

#### AFTERNOON SESSION.

From 1 to 3 p. m. was devoted entirely to witnessing the manufacture of butter by Col. Stones' butter-extractor, direct from sweet milk. The interesting operation was witnessed by hundreds of our citizens, who looked on with astonishment at the continuous flow of sweet milk entering the machine and its constant delivery of fine, sweet, granulated butter, several pounds of which were carried away in small sample packages. It is quite evident to all who witnessed the trial that the extractor is destined to revolutionize the manufacture of butter.

From 3 p. m. the rest of the session was devoted to the reading of several very valuable papers, one of which, entitled "Should the State Dairy Association become a branch or department of the State Board of Agriculture," by Hon. John G. Otis.

Upon resolution a special committee was appointed on legislation, to place the matter referred to in Mr. Otis' paper before the State Legislature.

J. H. Monrad, of Chicago, one of the best posted men on the dairy business in the United States, read an able paper entitled "Small Matters in Butter-Making."

Then followed President Morgan's annual address, which showed the association to be in an encouraging condition. The matter of making a display at the World's Fair in 1893 was discussed, but no decision arrived at.

The following officers were elected for the ensuing year: President, General Morgan, Clay Center; Secretary, J. E. Nessley, of Abilene; Assistant Secretary, J. S. Soule, of the KANSAS FARMER; Treasurer, J. D. Graham, of Manhattan.

Should the State Dairy Association Become a Branch or Department of the State Board of Agriculture?

Read before the Kansas State Dairy Association, by Hon. J. G. Otis, at Topeka, January 16, 1891.

In answer to this question, let us consider very briefly the objects and purposes of the two organizations, touching lightly upon their history, their scope and future possibilities.

This is the fourth meeting of our dairy association. Upon a careful survey of our reports we feel much good has been accomplished.

Had the advice of this association at our first meeting been followed, many of the defunct creameries of our State would never have been built, others would have been built at far less expense, and many a neighborhood would not have been imposed upon by some reckless supply house, whose anxiety to build a creamery in a given locality was measured more by the amount of money to be cleared from the contract than by any desire to promote the dairy interests of the State, or furnish a paying institution to the patrons.

The growth of our association has been slow, but we believe it has been solid. If we have but little to boast of, we have nothing to be ashamed of. If our history is brief, our character is wholly unimpeached.

The great primary object of this association is the promotion and protection of the dairy interests of Kansas. The production of milk, cream, butter and cheese is one of the most important branches of husbandry. We have never seen any valid reason assigned why it should not occupy a prominent place in Kansas agriculture.

In the history, character and purposes of this association, we see no valid reason why it might not occupy a prominent place in the Kansas State Board of Agriculture, if that board can be so reconstructed as to cover the entire field of agricultural production, and made practical and effective. The discussion of the different kinds of feed and methods of feeding, the different kinds of dairy cattle and their proper care, the different methods of manufacturing the product, and the best way to produce genuine, thoroughbred dairymen and dairy women, are all subjects worthy of a place in an agricultural report, and embrace the leading

topics of discussion in our Dairy Association. We regard dairying one of the branches that should occupy a very prominent place in our Board of Agriculture. There is no branch of husbandry that better condenses the raw product or more fully keeps up the fertility of our farms, and our American cheese has ever been an important article of export to foreign countries.

As our Board of Agriculture is now constituted there might be some objections to our becoming a branch of it. Our dairy interests would doubtless receive but slight consideration. The local societies which now send representatives to the State Board meetings, are often made up from citizens of the town rather than from the country. They are frequently more interested in fast horses than in milch cows. Our State Board of Agriculture is an outgrowth of our old Agricultural Society of nearly thirty years ago. During the administration of Alfred Gray it was looked upon by most farmers as an "immigration bureau," a kind of medium for advertising the State. Of late years it has become more interested in making the resident farmer prosperous than in making the State appear attractive to home-seekers from abroad.

The late report of the Senate committee on codification and revision have prepared a radical change in our board, making the Secretary of Agriculture a State officer elective by the people. And the Secretary of Agriculture becomes the head and front of the agricultural bureau of the State. He is to collect all statistical information and disseminate the same, and to this end is authorized to establish farmers' institutes in each county. This law contemplates a general consolidation of the horticultural and other branches of agriculture under one general head. We can see no objection to this law, in fact we see many things to recommend it, and if rightly carried out we can see no reason why it will not prove a success.

Agriculture is like a giant tree whose rootlets extend out in every direction, and whose huge trunk supports many branches, extending far and near and yielding fruit for all. Beneath its grateful shade all other vocations seek shelter. All the branches of this great tree should be properly pruned and cared for. Under the law referred to each organized county in the State could have its farm institute and be connected with the central bureau. And it seems to us, further provision should be made for all the different branches to hold one meeting each year at the capital of the State in connection with the central office. These meetings should all occur some time between the 1st of November and 1st of April in each year. And each branch should have a week set apart by the State Secretary to itself and a program of suitable length prepared. We think each county should be allowed one delegate to some one of these meetings each year, and each county should be required to hold at least three institutes at different places in the county during each year. These county institutes would take up such subjects as the local authorities should see fit to select. And at these local meetings we should try and have at least one or more persons present our dairy interests, and in this way push the work of educating the people up to the most advanced point in dairy knowledge. We can see no reason why under an arrangement of this kind our Dairy Association might not properly and profitably become a branch or department of our State Board of Agriculture.

Our idea is that the State pay the expenses of one delegate each year from every county in the State and thus secure a representation; but this would in no wise prevent the local authorities sending other delegates to any of the meetings, nor prevent any person who saw fit from attending at their own expense. It is possible that the Secretary of each county institute should be allowed a small sum annually for labor in gathering statistics and other work in connection with his office, and it should be made his duty to attend all the local institutes and report the same to the State Secretary. Under the new law, provision should be made for printing and properly revising, by the State Secretary of Agriculture, all the proceedings of the different branches, as they meet from time to time, and for condensing and publishing the same in connection with the Biennial Report of the State Secretary of Agriculture. And

these annual reports, for the most part, should be distributed through the county institutes to the citizens of each county. Heretofore our Agricultural Reports have been given out by Senators and Representatives. It would seem to us that the Secretary of each county institute could distribute these books more satisfactorily, and it might be made an inducement to increase the membership by giving a copy to each member annually. In this way the meetings of our association and all other associations could be provided for each year by the Secretary of Agriculture, and we should form co-ordinate branches of one complete system.

We herewith submit copies of the old law in relation to the State Board of Agriculture, and also a copy of the new law as proposed by the Senate codifying committee, which will enable us to fully consider and discuss this matter in all its bearings.

To strengthen the hair, thicken the growth, stop its blanching and falling out, and where it is gray to restore the youthful color, use Hall's Hair Renewer.

Full Business course, superior Penmanship, at the Topeka Business College. Write for catalogue.

**SORGHUM** HAND BOOK, with full information as to seed culture and manufacture, sent free. Blymyer Iron Works Co., Cincinnati, O.

**Our Dollar Mail Collections**

Of first-class Trees and Plants, will start any one in the fruit-growing business. Price List for 1891, free to all. Address Prospect Nursery Co., Otsego, Allegan Co., Mich.

**SEEDS** GARDEN, FLOWER & FIELD Seed POTATOES, Fruit TREES, PLANTS & VINES, all best kinds. Our FREE CATALOGUE is a novelty, as it has No Big Pictures and gives Complete Accurate Descriptions and Fair Prices for Best Goods. Don't miss seeing it before buying. Send address to-day to FRANK FORD & SON, Ravenna, Ohio.

**ALNEER'S SEEDS** RELIABLE We give you BEST Seeds and Save you Big Money. Buy direct from the growers. Potatoes 2 and 3 cts. Send for our Handsome Illustrated Catalogue mailed FREE. Market Gardeners ask for Wholesale Prices List. ALNEER BROS., ROCKFORD, ILL.

**H. W. BUCKBEE'S SEEDS** Celebrated for Purity and strong germinating qualities. Only 3 and 30 per large package and nov. city extras with all orders. Name Seed Farm. One Acre of Solid Glass. Send for my Beautiful Illustrated Catalogue, Free. Address H. W. BUCKBEE, Rockford, Illinois.

**MISSOURI NURSERY CO., Louisiana, Mo.** Salesmen wanted; special aids; magnificent outfit free.

**STARK NURSERIES.** Stark Bros. Nursery Founded 1828. Oldest in the West. Largest in the World. BEST of everything. Nearly 600 salesmen sell our stock in almost every State and Territory; volume of annual sales now exceeds that of any other Nursery. We sell direct through our own salesmen, without the aid of tree dealers or middlemen, and deliver stock, freight and all charges paid.

**NO TREES** Last and bear like whole root trees; or like plum, prune and apricot trees on Mariani, the best plum stock grown. Idaho and other New & Old Fruits (by mail); ornamentals, root grafts—everything. No larger stock in U.S. No better. No cheaper.

**IF YOU WOULD HAVE CHOICE VEGETABLES**

And Beautiful Flowers. You must plant Good Seeds. Do not go to the village store But write to-day for

**Burpee's Farm Annual 1891**

Which plainly tells How to get the Best Seeds, Without any Extra Cost, Direct from the Growers. It describes Rare Novelties Which can not be had elsewhere.

**W. ATLEE BURPEE & CO. PHILADELPHIA, PA.**



## 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. Give age, color and sex of animal, stating symptoms accurately, of how long standing, and what treatment, if any, has been resorted to. All replies through this column are free. Sometimes parties write us requesting a reply by mail, and then it ceases to be a public benefit. Such requests must be accompanied by a fee of one dollar and be addressed direct to our Veterinary Editor, Dr. S. C. Orr, 514 Jackson St., Topeka.

**ENLARGED KNEE.**—My yearling colt came in from the pasture with a soft bunch on the front and lower part of one knee. It does not lame him. Please advise me through the KANSAS FARMER. Mount Ida, Kas. D. W. R.

**Answer.**—Where there is no lameness, young animals generally outgrow such things in time, without treatment, but if you can handle him, you might blister the part with cerate of cantharides. Tie him so he cannot get his nose on the blister. Wash off in twenty-four hours and grease every other day. Repeat the blister in a month if necessary.

**DEAFNESS.**—On the 13th inst., I fired a gun from my wagon, and the shot passed a little to the left of the near horse, causing deafness. He did not prick up his ears nor become frightened in the least, but he has not heard anything since. L. D. H. Rosalie, Kas.

**Answer.**—We think by the time you read this your horse will have recovered his hearing. If he should still be deaf, have him examined for a shot-wound in the region of the ear. Permanent deafness from concussion is generally incurable, but you might apply some stimulating liniment about the base of the ear and give half drachm doses of powdered nuxvomica in feed twice a day for two weeks.

**RING-BONE-BOOK.**—(1) Is there a cure for ring-bone on a horse? (2) In a recent issue of the KANSAS FARMER I saw an account of a book called "Diseases of the Horse," which I thought was to be given free to farmers, so I wrote to the Secretary of Agriculture for it, but have received no answer. Please inform me if we are to pay for it, and if so, what is the price. J. R. New Frankfort, Mo.

**Answer.**—(1) Yes, if it is the result of an injury, and not of too long standing. But if it is hereditary it is generally incurable. (2) "Diseases of the Horse," a bulletin prepared by Dr. Salmon, Chief of the Bureau of Animal Industry, is now in press, and if your name is on the list of applicants, you will receive a copy as soon as it is issued. It will be sent free.

**SWELLED LEG.**—A six-year-old mare, last August, swelled in her right hind leg and broke out in sores that oozed a gummy, yellowish matter, but she did not seem to suffer any inconvenience from it. I worked her as usual, and after two or three weeks I consulted a man who claims to be a "hoss doctor," and he said he could cure her in a short time. He put her on a course of powders for two weeks and then prescribed sulphate of soda in two tablespoonful doses per day. Sometimes both swelling and sores are almost gone and then new sores appear, but lately the sores fall off only to be replaced by others, and some of the sores form pus and run a few days and then dry up. Otherwise the mare seems to be in perfect health. Wellington, Kas. D. W. B.

**Answer.**—Your description sounds very much like a case of button farcy, a disease identical with glanders, and also one for which self-styled "hoss doctors" generally have some specific. We advise you to isolate the mare from other horses. Do not get any of the discharge in sores on your hands, and have her examined as soon as possible by a qualified veterinarian. Until this is done we would not be justified in prescribing treatment.

**SKIN DISEASE.**—A horse and mare both got lousy last spring from a colt that was kept in the same stable. I got them off and have not seen any for two months, but the mare continues to rub and bite herself while standing in the stable. The inside of the hind legs got rough and scabby, and when the scabs came off the hair came with them. Her coat looks rough but she has a good appetite and feels well. The horse is not so bad. His coat is smooth and bright but the hair is full of dandruff. What can I do for them? Irving, Kas. A. C. M.

**Answer.**—Your animals have either eczema or a light attack of mange. We cannot say which without an examination. Make the following mixture: Sulphur, 2 pounds; unsalted lime  $\frac{1}{2}$  pound; water, 2 gallons; boil till well mixed and, when cool, add  $\frac{1}{2}$  ounce of carbolic acid. Sponge the animal over quickly with this mixture and then blanket warmly. Repeat in one week. Feed on bran and oats, with good hay, and give twice a day, in feed, for one week, a heaping tablespoon-

ful of the following: Sulphur, four parts; powdered rosin, one part; mix. Then change and give in feed, twice a day, for a week, half an ounce of Fowler's solution of arsenic. Handle carefully, as it is poisonous. When writing to us you should always write your name in full, not for publication, but as evidence of good faith.

**CURB.**—I have a bay mare which strained her hind knee a year ago. I applied cold water and the swelling went away, but it left a curb. Eight months afterward I hitched her up and the leg swelled again and she went lame. J. M. Lyons, Kas.

**Answer.**—You do not say on what part of the hock joint the swelling is located, but as you take it upon yourself to call it a curb, for a curb we will prescribe. Have the mare shod behind with heels one inch high and no toe calks. Blister the enlargement with cerate of cantharides. Tie her so that she cannot get her nose on the blister. Wash off in twenty-four hours, and then keep the part well greased for two weeks. Repeat the blister in a month if necessary. Hereafter write your name in full.

**MANGE.**—My steers are troubled with a skin disease that is new to me. The skin on the neck thickens and gets scurfy and shows cracks through the hair, and patches of scab form along their backs. There are only about six out of ninety head that are very bad; but others are taking it. Emporia, Kas. E. J. D.

**Answer.**—We cannot find anything on the scabs which you sent us, but from the symptoms given your cattle are affected with mange, a contagious disease of the skin due to the presence of parasites. There are several varieties of these, but the one generally found on the ox is known as *Dermatodectes*, which lives on surface of the skin and causes irritation by biting. If you will look on the skin under the scabs we think you will see them as very minute white specks moving about. Make an ointment in the proportion of: Sulphur, 2 pounds; quicklime, 1 pound; soft water, 2 gallons. Boil and stir till thoroughly mixed. Select a warm day, confine the animals in a chute and wash the affected parts thoroughly with the mixture, using a sponge or brush. Repeat at intervals of about a week till cured.

### Be Your Own Physician.

Steketee's Dry Bitters cures Bladder trouble. John Liechty, Sen., of Clay City, Iowa, says: When "I catch cold I am troubled with Bladder disease. I used your Dry Bitters. It helped me. Send me one more package."

Send to G. C. Steketee, Grand Rapids, Mich., 30 cents U. S. stamps and he will send it.

Read Steketee's ad in this paper.

## MARKET REPORTS.

### LIVE STOCK MARKETS.

#### Kansas City.

January 26, 1891.  
**CATTLE**—Receipts 2,430. There was a light run, mostly steers; market active and 10a15c higher; cows, stockers and feeders scarce and higher. Best beefs, \$4 60a5 00; common, \$3 00a3 60; stockers and feeders, \$2 90a3 60; cows and mixed, \$1 75a3 00.  
**HOGS**—Receipts 5,243. Opened 5a10c higher and closed off. Bulk of sales, \$3 35a3 50.  
**SHEEP**—Receipts 921. Demand good, but none for sale—all consigned to packers.

#### Chicago.

January 26, 1891.  
**CATTLE**—Receipts 11,000. Market 10c higher. Best beefs, \$5 10a5 50; good, \$4 60a5 00; medium, \$3 90a4 50; common, \$3 00a3 80; stockers, \$2 00a2 40; feeders, \$2 60a3 50; bulls, \$1 25a2 75; cows, 75c a \$3 15.  
**HOGS**—Receipts 33,000. Market 10c higher. Mixed, \$3 45a3 70; heavy, \$3 60a3 80; light weights, \$3 25a3 65.  
**SHEEP**—Receipts 11,000. Market 10a15c lower. Natives, \$3 10a4 90; Western corn-fed, \$3 90a5 00; lambs, per cwt., \$4 50a5 65.

#### St. Louis.

January 26, 1891.  
**CATTLE**—Receipts 1,200, and only a few on sale. Native steers, common to fancy, \$2 50a 5 00.  
**HOGS**—Receipts 4,100. Market strong. Bulk of sales at \$3 20a3 45; range, \$3 10a3 65.  
**SHEEP**—Receipts 600. Market steady. Natives, \$3 60a4 90.

### GRAIN AND PRODUCE MARKETS.

#### Kansas City.

January 26, 1891.  
**WHEAT**—No. 2 red, 92c.  
**CORN**—No. 2, 47a48c.  
**OATS**—No. 2, 45a46c.  
**RYE**—No. 2, 64c.  
**FLAXSEED**—\$1 15.  
**CASTOR BEANS**—\$1 00.

#### Chicago.

January 26, 1891.  
**WHEAT**—No. 2 spring, 92c; No. 2 red, 94 $\frac{1}{2}$ a 95c.  
**CORN**—No. 2, 49 $\frac{1}{2}$ a 50c.  
**OATS**—No. 2, 44c.  
**RYE**—No. 2, 71c.

#### St. Louis.

January 26, 1891.  
**WHEAT**—No. 2 red, cash, 90 $\frac{1}{2}$ a97 $\frac{1}{2}$ a 98c.  
**CORN**—No. 2 cash, 49 $\frac{1}{2}$ a 50c.  
**OATS**—No. 2 cash, 45 $\frac{1}{2}$ a 46c.  
**RYE**—No. 2, 70c bid.

# NIAGARA. GRAPE VINES

All old and new varieties. Extra quality. Warranted pure. Lowest rates. Introducing the EATON

## FIELD AND GARDEN SEEDS

OUR ILLUSTRATED CATALOGUE SENT FREE.

Send 4c. in stamps and we will send a packet of the great novelty, THE PERSIAN MONARCH MUSKMELON, the finest flavored melon grown. Box B. BOUK & HUPERT, Greenwood, Neb.

**JOHNSON & STOKES**  
GARDEN AND FARM MANUAL FOR 1891  
CHOICE NOVELTIES  
BULBS FOR SUMMER FLOWERS.  
NEWEST GARDEN TOOLS & POULTRY SUPPLIES.  
JOHNSON & STOKES, 217 & 219 Market Street, PHILADELPHIA, PA.

**Currie's Superfine Scotch Pansy Seed**  
This strain is unexcelled in size of flower, richness of color and beautiful markings. It is a selection from Gold Medal winners at the leading European exhibits. Send 25c and get a packet of this grand strain and our BEAUTIFULLY ILLUSTRATED CATALOGUE of CHOICE FARM AND GARDEN SEEDS. Containing many RARE NOVELTIES of genuine merit in SEEDS and PLANTS, mailed FREE. CURRIE BROS., Seedsmen and Florists, 108 Wisconsin-st. and 312 Broadway, MILWAUKEE, WIS.

**CURRIE'S ECLIPSE CABBAGE**  
Acknowledged by all growers of experience to be the BEST SECOND EARLY CABBAGE GROWN. Send 10 cents for a package of this excellent Cabbage and our BEAUTIFULLY ILLUSTRATED CATALOGUE of CHOICE FARM AND GARDEN SEEDS. Containing many RARE NOVELTIES of genuine merit in SEEDS and PLANTS, mailed FREE. CURRIE BROS., SEEDSMEN AND FLORISTS, 108 Wisconsin St. and 312 Broadway, MILWAUKEE, WIS.

**WHY ARE SOME PEOPLE ALWAYS LATE?**—They never look ahead nor think. People have been known to wait till planting season, run to the grocery for their seeds, and then repent over it for 12 months, rather than stop and think what they will want for the garden. If it is Flower or Vegetable Seeds, Plants, Bulbs, or anything in this line, MAKE NO MISTAKE this year, but send 10 cents for VICK'S FLORAL GUIDE, deduct the 10 cents from first order, it costs nothing. This pioneer catalogue contains 3 colored plates, \$200 in cash premiums to those sending club orders. \$1000 cash prizes at one of the State Fairs. Grand offer, chance for all. Made in different shape from ever before; 100 pages 8 $\frac{1}{2}$ x10 $\frac{1}{2}$  inches. JAMES VICK, SEEDSMAN, Rochester, N. Y.

**SALZER'S NORTHERN CROWN SEEDS**  
ARE THE BEST FOR ALL SOILS AND CLIMES.  
My White Bonanza Oats took the American Agricultural Fair \$500 Prize, as the heaviest yielding Oats in America, cropping 135 bush per acre. Low Freight to all points. 60,000 BUSHELS POTATOES CHEAP.  
Our Catalogue is the finest ever published. Send 4c. for same, or 8c. for my Grain Samples, or 6c. for my new 17-day Acme Radish and receive Catalogue free. In Trial—25 pkgs. Earliest Vegetable Seeds, post pd. \$1 15 pkgs. Elegant Flower Seeds, postpaid, 50c.  
"ACME" the new 17-day Radish.  
JOHN A. SALZER, LA CROSSE, WISCONSIN.

**WILSON'S WINTER PINE APPLE MUSK MELON**, the greatest 19th Century. You can HAVE DELICIOUS MUSK MELONS ALL WINTER.  
HENDERSON'S NEW BUSH LIMA BEAN—Splendid Lima Beans raised without poles. NEW MAMMOTH RED ITALIAN ONION. Will grow Two-Pound Onions from Seed first year. THE NEW EARLY IGNOTUM TOMATO—Largest, smoothest, and best tomato in the world. WILSON'S IMPROVED SURE HEAD CABBAGE—Best winter cabbage. Always heads, never fails to head.  
Wilson's Seed and Plant Catalogue and Live Stock Annual 116 pages, 200 engravings, handsome colored plates, full of useful information. Most reliable Catalogue published. Garden, Flower, and Field Seeds. New Potatoes, Plants, Trees, Roses, Choice Land and Water Fowls, &c., &c. ALL THE ABOVE SENT FOR 25 CENTS, stamps or money. Address SAMUEL WILSON, MECHANICSVILLE, PA.

**ROSES SEEDS** Seeds, Plants, Shrubs, Vines, Fruit & Ornamental Trees, Etc.  
CATALOGUE FREE.  
Over 150 pages illustrating and describing one of the largest and best assorted stocks of Seeds, Trees and Plants in the U. S. Best value for the money in our Tested Novelties and Special Low Priced Collections.  
37 YEARS. 25 GREENHOUSES. 700 ACRES.  
THE STORRS & HARRISON CO., Painesville, Ohio.

**VAUGHAN'S SEED CATALOG**  
SEEDS for your Garden. PLANTS for your Lawn.  
WHERE to get the best Seeds and fresh ones? WHERE to get the new Plants and good ones? This must be decided. Which of the new and famous are worthy, and which of the old are better, you should know. We print an Illustrated Catalogue with Photo-Engravings, Colored Plates, and REASONABLE descriptions. As to its completeness, we say IT TELLS THE WHOLE STORY, for the GARDEN, LAWN and FARM. Free. We offer three collections of VALUE. In SEEDS, 32 kinds for \$1.00; PLANTS, 9 great Specialties, \$1.00; FLOWER SEEDS, 20 best for 60 cts.; the three for \$2.25.  
VAUGHAN'S SEED STORE, 88 State St., Box 688, CHICAGO.



## THE STRAY LIST.

FOR WEEK ENDING JAN. 14, 1891.

Chase county—J. S. Stanley, clerk.  
 HEIFER, COW AND CALF—Taken up by J. W. Holsinger, in Falls tp., P. O. Cottonwood Falls, January 2, 1891, one heifer and cow and calf, both red and white, heifer 2 years old, cow 6 years old, cow has ends of ears off; value of cow \$15, heifer \$11.  
 STEER—Taken up by T. J. Browning, in Falls tp., P. O. Cottonwood Falls, December 12, 1890, one red and white yearling steer, two under-bits in right ear, crop off left ear, square or box brand and bar brand on right hip; valued at \$10.  
 STEER—Taken up by W. Guy McCandless, in Falls tp., P. O. Cottonwood Falls, January 5, 1891, one light ran 2-year-old steer, branded 4 enclosed in circle on left hip; valued at \$15.

Franklin county—O. M. Wilber, clerk.  
 STEER—Taken up by T. L. Fouts, in Harrison tp., P. O. Ottawa, December 29, 1890, one red and white line-back steer, 4 years old, both ears clipped, under-bit out of each ear, dehorned, brand on hip; valued at \$25.  
 Brown county—N. E. Chapman, clerk.  
 STEER—Taken up by John McCoy, in Morrill tp., December 1, 1890, one 1-year-old steer, no marks or brands visible; valued at \$14.

Butler county—T. O. Castle, clerk.  
 MULE—Taken up by John Fickard, P. O. Rosalia, one roan mule, 2 or 3 years old, ring-bone on left hind foot, wire scratch on left fore foot; valued at \$20.  
 Chautauqua county—W. F. Wade, clerk.  
 HEIFER—Taken up by C. K. Gilpin, in Washington tp., P. O. Monett, one 2-year-old red heifer, split in each ear, branded L on right hip; valued at \$10.

Lyon county—C. W. Wilhite, clerk.  
 PONY—Taken up by C. F. Mann, in Elmendorf tp., December 18, 1890, one bay horse pony, 4 years old, docked or bobbed tail, branded XP on left hip; valued at \$12.  
 MARE—By same, one dun mare, 2 years old, no marks or brands; valued at \$12.  
 MARE—By same, one black mare, 2 years old, white strip in forehead, no marks or brands; valued at \$15.  
 MARE—Taken up by John Keessling, in Pike tp., December 2, 1890, one bay mare, 3 years old, left hind foot white; valued at \$15.  
 MARE—By same, one iron-gray mare, 2 years old, left hind foot white; valued at \$15.

Greenwood county—J. M. Smyth, clerk.  
 STEER—Taken up by W. H. Godsey, one roan steer, 1 year old past, crop off left ear, dehorned; valued at \$12.  
 PONY—Taken up by Fred Stover, in Madison tp., one black horse pony, age unknown, branded with star on right hip; valued at \$15.  
 HEIFER—Taken up by Geo. Anderson, in Salem tp., one red 3-year-old heifer, some white on belly and a white spot in center of forehead, branded E on left hip; valued at \$12.

Pottawatomie county—L. D. Hart, clerk.  
 STEER—Taken up by Charles E. Dimon, in Green tp., December 24, 1890, one red steer with some white hairs mixed, long white spot on right side, star in forehead, square crop off left ear, 1 year old; valued at \$30.

FOR WEEK ENDING JAN. 21, 1891.  
 Linn county—H. A. Strong, clerk.  
 STEER—Taken up by Louis Anders, in Valley tp., one red and white spotted muley steer, 1 year old, two swallow-forks in right ear and crop off left ear; valued at \$13.  
 STEER—By same, one black muley steer, 1 year old, swallow-fork in right ear; valued at \$11.  
 Montgomery county—G. W. Fulmer, clerk.  
 2 STEERS—Taken up by James E. Brown, in Fawn Creek tp., P. O. Deering, January 7, 1891, two steers, one red and one black, 3 and 5 years old, red one branded HORSE on left side, black one branded CA. O. A. on left side; valued at \$35.

FOR WEEK ENDING JAN. 28, 1891.  
 Marion county—W. H. Evans, clerk.  
 MARE—Taken up by Jno. L. Gard, in Liberty tp., P. O. Hillsboro, December 29, 1890, one black mare, weight about 800 pounds, white hind feet, white mark in forehead, branded 4 on left hip; valued at \$20.  
 MARE—By same, one black mare, about 8 years old, weight about 800 pounds, four white feet; valued at \$15.  
 Butler county—T. O. Castle, clerk.  
 2 STEERS—Taken up by John Coulter, in Chelsea tp., P. O. Ivanpah, one brindle 2-year-old steer, branded, and one red 2-year-old steer, branded P.F.F.; valued at \$20.  
 Wallace county—Hugh Graham, clerk.  
 STEER—Taken up by Matt Holcomb, in Weskan tp., November 26, 1890, one brown steer, one horn knocked off; valued at \$15.  
 Coffey county—O. P. Mauck, clerk.  
 HEIFER—Taken up by S. M. Dumbfield, in Lincoln tp., one red heifer, 3 years old, no marks or brands; valued at \$12.  
 Greenwood county—J. M. Smyth, clerk.  
 HEIFER—Taken up by Fred Kurl, in Quincy tp., one light red 3-year-old heifer, no marks or brands.  
 HEIFER—Taken up by J. J. Dawson, in Madison tp., one red 1-year-old heifer, no marks or brands.  
 Nemaha county—W. E. Young, clerk.  
 HEIFER—Taken up by Wm. L. McLaughlin, in Red Vermillion tp., P. O. Corning, January 12, 1891, one red and white spotted heifer, 3 or 4 years old, no marks or brands; valued at \$13.

## Cheap Homes

On the River Teche, in Southwest Louisiana. The garden spot and paradise of America. Health and climate unexcelled. No Catarrh nor Rheumatism, this climate is a sure cure for above diseases. The richest and most productive land in the United States, producing Sugar, Rice and Cotton. The largest money crops in the world. Sugar cane sold by ton gives clear profit of \$60 to \$100 per acre; rice, \$30 to \$50; oats, corn and hay do well. Fruits and berries grow in perfection. Vegetables grow in abundance the year round. Oysters, crabs, salt and fresh water fish plentiful. NEW IBERIA, the metropolis of Southwest Louisiana, ten miles from Gulf of Mexico, 125 miles west of New Orleans, on Southern Pacific and River Teche. Big inducements to capitalists and men of moderate means with energy. One thousand Northern families have settled in Southwest Louisiana the past four years. For full information address

F. M. WELCH,  
 Real Estate and Immigration Agent,  
 Mention this paper. New Iberia, La.

MUSIC. Save your money. Don't pay high retail prices. All new and popular. Every piece a gem. Full-size fine edition, beautifully printed.

- |                                     |    |
|-------------------------------------|----|
| 1. Dream Faces (waltz song).....    | 40 |
| 2. Just a Little Sunshine.....      | 40 |
| 3. Little Fisher Maiden.....        | 40 |
| 4. Love, Oh! With The.....          | 40 |
| 5. Love Sunshine (waltz song).....  | 40 |
| 6. Oh! Leave Me Not Dear Heart..... | 35 |
| 7. Songs My Mother Sang.....        | 40 |
| 8. Baby's Lock of Golden Hair.....  | 40 |
| 9. When the Lights are Low.....     | 40 |

This collection at regular prices would cost...\$3.75  
 I will send you the nine pieces postpaid for \$1.00.  
 E. H. COWLES, Warren, Ohio.

DRS. MULVANE, MUNK &amp; MULVANE,

OF THE  
TOPEKAMedical and Surgical  
INSTITUTE,

Make a specialty of all Chronic and Surgical Diseases. We have practiced medicine and surgery here for fifteen years, and during that time have treated successfully hundreds of chronic cases which had resisted the skill of local physicians.

WE CURE ALL FORMS OF CHRONIC DISEASES,

Remove tumors, cure cancers without the knife, cure piles without knife or ligature. ALL DISEASES PECULIAR TO WOMEN speedily and successfully treated. We remove tape worm entire in from two to four hours. If you have any chronic or private disease, you will find it to your interest to write us. Correspondence free and confidential.

Refer by permission to Bank of Topeka; John D. Knox & Co., Bankers, Topeka; Citizens' Bank, North Topeka; American Bank, North Topeka.  
 Send for printed list of questions.  
 DRS. MULVANE, MUNK & MULVANE,  
 Mention Kansas Farmer.] 110 W. 5th St., Topeka, Kas.

Mention Kansas Farmer.] 110 W. 5th St., Topeka, Kas.

DR. G. A. WALL,

EYE AND EAR

521 Kansas Avenue, Topeka, Kas.

HOURS:—9 to 12 a. m., 1:30 to 5 p. m. Sundays, 9 to 5 p. m.

HENRY W. ROBY, M. D.,

Surgeon.

118 W. Sixth St. Topeka, Kas.

THE GEO. W. CRANE PUBLISH-

ING Co., Topeka, Kas., publish and

sell the Kansas Statutes, Kansas

and Iowa Supreme Court Reports,

Spalding's Treatise, Taylor's Plead-

ing and Practice, Scott's Probate

Guide, Kansas Road Laws, Town-

ship Laws, Lien Laws, etc., and a

very large stock of Blanks, for

Court and other purposes, includ-

ing Stock Lien Blanks, Convey-

ancing Blanks, Loan Blanks, etc.

For fine printing, book printing,

binding, and Records for County,

Township, City and School Dis-

tricts, this is the oldest and most

reliable house in the State.

ST. NICHOLAS HOTEL

426 Kansas Ave., Topeka, Kas.

FAMILY AND COMMERCIAL HOTEL. LEADING

\$1.00 PER DAY HOUSE IN THE WEST.

Special rate by mail for term of LEGISLA-

TURE and teachers.

P. S. WRIGHT, Proprietor.

Mention this paper.

Forest Tree Seedlings!

Red Cedars, Fruit Trees and Plants. Largest

stock, lowest prices. Mammoth Dewberry, lus-

cious to the core—best berry for the prairies

Black Locust, Russian Mulberry, Tulip Tree,

Box Elder, Ash, Elm, Walnut, Cottonwood,

etc. I retail at wholesale prices. Save 60 per

cent, and write for my Price List.

Address GEO. C. HANFORD,

Makanda, Jackson Co., Ill.

600 ACRES. 13 GREENHOUSES.

TREES AND PLANTS

We offer for the Spring trade a large and fine stock

of every description of FRUIT and Ornamental

TREES, Shrubs, Roses, Vines, SMALL

FRUITS, Hedge Plants, Fruit Tree Seed-

lings and Forest Tree Seedlings. Priced Cata-

logue, spring of 1891, mailed free. Established 1882.

PHOENIX NURSERY COMPANY

Successors to SIDNEY TUTTLE &amp; CO., BLOOMINGTON, ILL.

USE FERRY'S SEEDS

BECAUSE THEY ARE

THE BEST.

D. M. FERRY &amp; Co's

Illustrated, Descriptive and Priced

SEED ANNUAL

For 1891 will be mailed FREE

to all applicants, and to last season's

customers. It is better than ever.

Every person using Garden,

Flower or Field Seeds,

should send for it. Address

D. M. FERRY &amp; CO.

DETROIT, MICH.

Largest Seedsmen in the world

FREE

Illustrated Publications, with

MAPS, describing Minnesota,

North Dakota, Montana, Idaho,

Washington and Oregon, the

FREE GOVERNMENT

AND CHEAP

NORTHERN

PACIFIC R. R. LANDS

Best Agricultural Gras-

sing and Timber Lands

now open to settlers. Mailed FREE. Address

CHAS. E. LANSBORN, Land Com. N. P. R. R., St. Paul, Minn.

SMITH, BIGGS &amp; KOCH,

DEALERS IN—

Hides, Wool, Tallow and Furs.

CASH PAID FOR DEAD HOGS.

For dead hogs we pay from 1/4 to 1 cent per pound. We receive them at our store, 108 E.

Third street, or at our tallow factory, on river bank east of town, near city dump. As to

hides, we are always posted on the market, and having a large business in Kansas City it

enables us to sell direct to the tanners; therefore we guarantee highest market prices at all

times. Special attention given to consignment trade.

Remember the place—108 East Third street, in rear of Kaczynski's old Grocery Store,

corner Third and Kansas avenue, Topeka, Kas. Telephone 433.

WESTERN FOUNDRY AND MACHINE WORKS

R. L. COFRAN, PROP'R, TOPEKA, KAS.

Manufacturer and dealer in all kinds of Machinery. Also manufac-

ture and carry in stock SMALL ENGINES AND BOILERS FOR

FARM USES, in five sizes, viz.: Two, four, six, eight and ten horse-

power. Also STEAM PUMPS. Write for prices.

HOW TO PAY YOUR MORTGAGE

THE NEW CONSTITUTION.

A BOOK FOR THE AMERICAN FARMER.

"How the Farmer may pay off his mortgage and the working

man become his own master."

The Farmer and the Railroads, Government Storehouses for

Farm Products, Co-operative Farm Loan Associations, etc., ably

treated by the author from a Farmer's point of view.

Every member of the FARMERS' ALLIANCE should read it.

Worth many times its cost, as it will enable the FARMER to talk

intelligently about the important topics of the day. If not on

sale at your book store, send 50 CENTS and get the book deliv-

ered at your postoffice free. Address

F. W. CUNNING, 84 Washington St., CHICAGO, ILL.

The Kansas City Stock Yards.

Are by far the most commodious and best appointed in the Missouri Valley, with ample capacity for feed-

ing, weighing and shipping Cattle, Hogs, Sheep, Horses and Mules. They are planked throughout, no yards

are better watered, and in none is there a better system of drainage. The fact that higher prices are realized

here than in the East is due to the location at these yards of eight packing houses, with an aggregate daily

capacity of 5,000 cattle and 57,300 hogs, and the regular attendance of sharp, competitive buyers for the pack-

ing houses of Omaha, Chicago, St. Louis, Indianapolis, Cincinnati, New York and Boston.

All the sixteen roads running into Kansas City have direct connection with the yards, affording the best

accommodation for stock coming from the great grazing grounds of all the Western States and Territories,

and also for stock destined for Eastern markets.

The business of the yards is done systematically and with the utmost promptness, so there is no delay and

no clashing, and stockmen have found here, and will continue to find, that they get all their stock in worth

with the least possible delay.

Receipts for 1890 were 1,472,229 cattle, 76,568 calves, 2,865,171 hogs, 535,869 sheep, 37,118 horses and mules

Total number of cars, 108,160.

Kansas City Stock Yards Co. Horse and Mule Market.

CAPT. W. S. TOUGH, Manager.

This company has established in connection with the yards an extensive Horse and Mule Market known

as the KANSAS CITY STOCK YARDS HORSE AND MULE MARKET. Have always on hand a large

stock of all grades of Horses and Mules, which are bought and sold on commission or in carload lots. Regu-

lar trade auction sales every Wednesday and Saturday.

In connection with the Sales Market are large feed stables and pens, where all stock will receive the best

of care. Special attention given to receiving and forwarding. The facilities for handling this kind of stock

are unsurpassed at any stable in this country. Consignments are solicited with the guarantee that prompt

settlements will be made when stock is sold.

C. F. MORSE, General Manager. H. E. RICHARDSON, Secretary and Treasurer. H. P. CHILD, Superintendent.

J. T. LANCASTER,

OCALA, FLA.,

Owner and dealer in ORANGE GROVES and lands adapted to

oranges. Large bodies of lands suitable for colonies, for fruit and veg-

etable-growing. Yellow Pine and Cypress Timber Lands at low prices.

City Property at Bargains!

Maps and Prospectus of Marion County sent free on application.

You are most respectfully invited to inquire into my business rep-

utation and give me a trial on my merits.

J. T. LANCASTER,

Union Block, Ocala, Florida.

500 Crystal Glass Water Sets Free

Splendid Premium Offers—Look for Water.

We are the publishers of a very popular 30 page, 30 column illus-

trated home paper. In order to introduce it into new homes

we make you this Grand Offer. The person telling us the place

in the Bible where the word Water is first found (book, chapter

and verse) before May 15th, will receive a handsome Parlor

Organ, valued at \$125.00. Should there be more than

one correct answer, each of the next five persons will

receive a beautiful Parlor Organ, valued at \$100.00.

The next fifty persons will each receive a beautiful 50-

Piece Tea Set. The next ten persons will each

receive a splendid Family Sewing Machine, valued

at \$65.00 each. The next ten persons will each re-

ceive a handsome, 14 k. gold plated, hunting case

watch, stem wind and set, ladies' or gent's size

The next five hundred persons will each receive one

of our beautiful Crystal Glass Water Sets.

The next ten persons will each receive a hand-

some Dress Pattern of Silk, valued at

\$35.00. With your answer enclose 25 cents (silver if

you can, or stamps) for which we will send you our

charming paper each month for five months. We make

this Grand Offer simply to advertise our paper and secure

new subscribers, that's the reason we give away these grand premiums, because we want new subscribers.

Remember, you pay nothing for the premiums. The 25 cents is to pay for the paper five months. The premiums

we give away to advertise our business. We guarantee satisfaction or money refunded. The list of persons

receiving the beautiful premiums will be published in the June Number of our paper. When you write say you

saw our advertisement in this paper, and don't fail to enclose 25 cents for

our paper five months. Address

Kirtland Bros. &amp; Co., P. O. Box 3340, N.Y.

CHAS. E. LANSBORN, Land Com. N. P. R. R., St. Paul, Minn.



**J. S. RISK, WESTON, MO.**

Breeder fancy  
**POLAND-CHINA**  
Swine. Tony lot of  
March, April and  
May pigs, sired by  
first-class boars.  
Can furnish pigs  
in pairs not akin.  
Write for particulars. Call and see my stock.

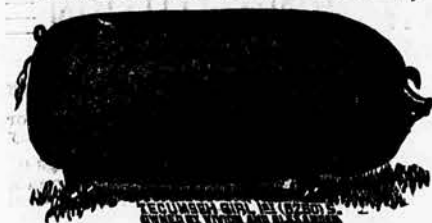


Address  
**ROBERT ROUNDS,**  
Morganville, Kas.,  
FOR  
**POLAND-CHINAS**  
of the best. Can furnish  
pigs of any weight as high  
as 500 pounds. Fall pigs  
for next thirty days for \$10  
each or pair for \$18. Have  
97 head to pick from. Write.  
Mention KANSAS FARMER.

**LAWDALE HERD OF POLAND-CHINAS**

**J. D. ZILLER, Prop'r, Hiawatha, Kas.**  
Having bred all the sows I intended, I now offer  
the grand boar U Bet 2895, sired by Storm King, bred  
by Schellenberger, Camden, O. This is an extra animal,  
solid black, white tips, fine, mellow coat and a  
stylish mover, large and growthy. Price \$40, or will  
trade for two extra gilts. Also two boars, March 18  
farrow, \$15; two, May 25, \$10; thirty pigs, July, August  
and September farrow, \$5 apiece; two sows 2  
years old, registered, Black Dinah and Long Bess, \$20  
apiece; three extra fine gilts, March 18 farrow, 250  
pounds, \$15 apiece. Write quick. They will sell at  
these prices.

**JOHN M. VIVION, McCredie, Mo.** **C. C. ALEXANDER, Fulton, Mo.**

**VIVION & ALEXANDER,**

Breeder and shippers of the best strains of  
**POLAND-CHINA HOGS.**  
We now offer for the next thirty days seventy-five  
young sows and twenty young boars, old enough for  
service, at half price, in order to make room for our  
spring pigs. In writing mention this paper.

**HOLSTEIN-FRIESIAN CATTLE.**

I have a choice herd of these justly-celebrated  
cattle of all ages. Also some nice  
grades, for sale at reasonable prices. Personal  
inspection invited. Call on or address  
**J. M. D. FRYOR,**  
Winfield, Cowley Co., Kas.

**THE BLUE RIBBON STUD**

English Shire and  
Cleveland Bay Horses.

Our record for 1888—42 premiums, 4 sweepstakes  
and 4 silver medals.  
Our record for 1889—54 premiums (mostly firsts),  
7 sweepstakes, 4 silver medals.  
Our record for 1890—62 premiums, 9 sweepstakes  
and 2 silver medals.  
A record never approached by any other stud in  
America.

Largest stud of imported horses west of the Mississippi  
river. Special prices to buyers. Inspection  
invited. Satisfaction guaranteed.

**W. M. FIELDS & BRO., CEDAR FALLS, IOWA.**

**THE x GOLD x CUP x STUD**

—OF—  
**ENGLISH SHIRE AND HACKNEY HORSES.**

"Choice animals, recorded in their  
for sale at low prices, on long time if  
liability." Come and see if it is  
The Shires and Hackneys from my  
pete with the best from any establish-  
ment at the Des Moines show. I am  
horses in the United States, which en-  
than is possible for the small dealer.  
after horses this year, and had the pick  
are now thoroughly acclimated—in fit  
form so pleasing to a genuine horse-  
I defy the combined efforts of others.  
absolutely sound, young and useful, and  
are for sale at prices that cannot be



proper stud book, sound and warranted,  
required." is the motto of my estab-  
lishment. We are good enough to com-  
ment in America; good enough to win  
the most extensive importation of British  
bigs me to buy and sell for less money  
I was the first American in England  
from scores of leading studs. My horses  
condition for service—in that grand  
man, and when it comes to competition  
My horses show for themselves, are  
warranted sure foal-getters, and they  
duplicated by any man in the West.

**O. O. HEFNER, LINCOLN, NEBRASKA.**

**OLDENBURG COACH, BELGIAN AND FRENCH DRAFT**

**STALLIONS, MARES and COLTS**



On THE EMPIRE RANCH, FAIRFIELD, IOWA, for sale on the  
best terms ever offered. We have no competitors in PRICES  
and QUALITY. We have over fifty head of Stallions now ready for sale, in about  
equal numbers of each breed. French Draft of the best. Belgians, the best  
ever brought across the waters, with certificates of Registration in both Stud  
Books and extended Genealogical sworn certificates besides. Our Oldenburg  
Coaches are genuine (not Hanoverians), purchased where bred in Oldenburg.  
We furnish with each one an extended pedigree, most of them government  
approved. Send for Illustrated Catalogue. Office in town.

**D. P. STUBBS & SONS, Fairfield, Iowa.**

**SUBSCRIBE NOW AND SAVE MONEY!**

**SHANNON HILL STOCK FARM.**

**G. W. GLICK, ATCHISON, KAS.,**

Breeds and has for sale Bates and  
Bates-topped

**SHORT-HORNS.**

Waterloo, Kirklevington, Filbert,  
Crage, Princess, Gwynne, Lady  
Jane, and other fashionable families.  
The grand Bates bulls Imp. 8th Duke of Kirk-  
levington No. 41798 and Waterloo Duke of  
Shannon Hill No. 89879 at head of herd.  
Choice young bulls for sale now. Correspondence  
and inspection of herd solicited, as we have just what  
you want and at fair prices.

**T. M. MARCY & SON,**

**WAKARUSA, KAS.,**

Breeders of  
**Registered SHORT-HORN CATTLE.**

Have now for sale at a bargain  
thirty bulls, eighteen to twenty-two months old.  
Carload of heifers or cows.  
Come and see stock or write for prices.

**FOR WORMS.**

To cleanse your horse from worms, use  
**DR. W. H. GOING'S WORM POWDERS.** \$1.00  
a package by mail.

**FOR COLIC.**

To cure Spasmodic Colic, use **DR. W. H. GOING'S COLIC POWDERS.** \$1.00 a package  
by mail. Keep a package in your house.

**For a Tonic and Blood Purifier**

If your horse is not doing well and is out of  
condition, use **DR. W. H. GOING'S TONIC POWDER.** \$1.00 a package by mail.

**DR. W. H. GOING** is a member of the  
Royal College of Veterinary Surgeons, of  
London, England. He has had fourteen years  
experience in the U. S. cavalry as chief veter-  
inary surgeon, and is at present State Veter-  
inary Surgeon for the State of Kansas.  
Address **P. O. Box 48, Junction City, Kas.**

**RAVEN'S HORSE CATTLE & FOOD**  
SUPERBLENDS ALL CONDITION POWDERS  
Contains no poison. Best Tonic, Blood Pur-  
ifier and system regulator known. EXCEL-  
LENT FOR BREEDING ANIMALS: will make  
Hens lay; cures Cholera, Roup, etc. 1-lb.  
can, \$1.00; 5-lb. \$4.00. Ask dealers for it. Send  
\$1 for 5-lb. trial can, charges pre-paid.  
Mfd. by **L. A. RAYN & CO., Chicago, Ill.**

**PRINTING**

Get it Done by  
**C. W. DOUGLASS,**  
Topeka, Kas.  
**\$5 A DAY SUME.** \$2.15 Samples Free.  
Horse owners buy 1 to 3. 20 other special-  
ties. Rein Holder Co., Holly, Mich.

**H. Bennett & Son,**

**TOPEKA, KANSAS,**

The Leading Western Importers of

**CLYDESDALE,  
PERCHERON,  
CLEVELAND BAY**

**FRENCH COACH HORSES.**

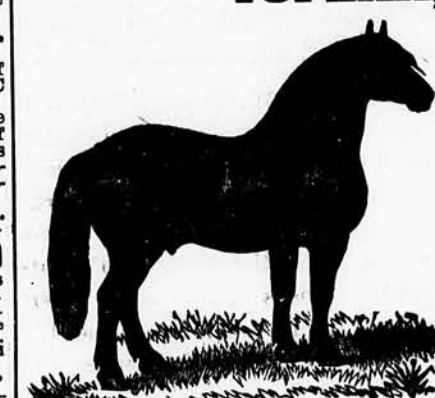
An Importation of 125 Head,  
Selected by a member of the firm, just re-  
ceived.

Terms to suit purchasers. Send for illus-  
trated catalogue. Stables in town.

**E. BENNETT & SON.**

**HIGHLAND STOCK FARM**

**TOPEKA, KANSAS.**



**F. B. RIX & CO., PROP'R'S,**

Importers and Breeders of  
**SHIRE, PERCHERON, CLYDESDALE  
and COACH HORSES.**

Superior horses, long time, low interest,  
moderate prices. No other firm in America sells to  
stock companies under the same perfected system  
that we do, which insures to companies square deal-  
ing, successful breeders and absolute success. We  
have at present in our stables the winners  
of one hundred and seven prizes in Europe  
and America.  
Our record last fall at Missouri State Fair, Kansas  
State Fair and Atchison Agricultural Fair was twenty-  
two first prizes, fourteen second prizes and six  
sweepstakes.  
Illustrated catalogue free.  
**FARM AND STABLES—Two miles east  
Highland Park, TOPEKA, KAS.**

**AUSTIN & GRAY BROS.,**

**EMPORIA, KANSAS**

Importers and Breeders of

**ENGLISH SHIRE, CLYDESDALE, PERCHERON**

**SUFFOLK PUNCH, FRENCH COACH, AND STANDARD-BRED  
STALLIONS AND MARES.**

Our horses were selected by a member of the firm direct from the breeders of Europe, and are descend-  
ants of the most noted prize-winners of the old world. We paid spot cash for all our stock and got the best  
at great bargains and were not obliged to take the refuse from dealers at exorbitant figures in order to obtain  
credit, thereby enabling us to sell better animals at better prices, longer time and a lower rate of interest  
than almost any other firm in America.  
We have also the most superior system of organizing companies and stock syndicates in this country,  
and insure satisfaction. We call especial attention to our references. By these it will be seen that we are  
not handling on commission the refuse horses of dealers in Europe. With us you get a square transaction, a  
good animal, a valid guarantee, and will compete with any firm in America on prices and terms besides.  
Write us for descriptive catalogue, and mention the KANSAS FARMER.

**REFERENCES:**—Ex-Gov. E. J. Ormabee, Brandon, Vt.; First National Bank, Salem, N. Y.; First  
National Bank, Emporia, Kas.; Cottonwood Valley National Bank, Marion, Kas.; Emporia National Bank,  
Emporia, Kas.

**\$1,000.00 SAVED BY PATRONIZING US!**

**GRAND SWEEPSTAKES STUD**

—OF—  
**English Shire and Suffolk Punch Horses**



**JOSEPH WATSON & CO., BEATRICE, NEB.,**

Importers, have on hand now as grand a lot of imported Shire and Suffolk Punch  
horses as were ever brought across the water. Winners of seven sweepstakes  
in 1890 at three of the leading State fairs—Lincoln, Topeka and Kansas City.  
Two grand sweepstakes in competition with all breeds, besides several first and  
second prizes. Parties contemplating purchasing a horse for the coming year should call and inspect these  
horses and get our terms and prices before purchasing elsewhere. Barn is on the corner of Second and  
Market streets.

**JOSEPH WATSON & CO., Beatrice, Neb.**

**Wm. Ernst, Graf, Johnson Co., Neb.**

—IMPORTER AND BREEDER OF—

**Percheron & French Coach Horses**

I have the largest and best lot of Percheron Stallions of serviceable age west  
of the Mississippi. I have over twenty tested and acclimated stallions, which,  
together with my this year's importation, makes one of the finest collections of  
horses ever seen at one man's barns. I have also a fine lot of young imported and  
home-bred mares and a few choice French Coach Stallions. All my horses  
are recorded in the American and French Stud Books and certificates at sale. I  
have the best blood in existence in my stud and sell horses on easy terms. If I  
don't offer you better horses for less money than any other importer or breeder, I will pay your expenses of  
coming to my place, and you shall be the judge. My farm, known as the Wolf Creek Stock Farm, is located  
on the C. & Q. Ry., between Tecumseh and Nebraska City, within three-fourths of a mile of railroad  
station called Graf. Write for catalogue or come and see me.

**WILLIAMS BROS.,**

Breeders of choice Thoroughbred

**SHORT-HORN CATTLE,**

**EUREKA, KANSAS.**



Our breeding herd is a large and strictly repre-  
sentative one, consisting of choice animals of superior  
breeding and individual excellence. The herd is  
headed by Dr. Primrose 78815, the bull that headed  
the first-prize herd in 1889 at the State fairs of Iowa,  
Nebraska, Kansas and Illinois. Young stock for sale.  
Correspondence or inspection invited. Men. FARMER.



## IMPROVED INCUBATOR

Simple, Perfect and Self-Regulating. Hundreds in successful operation. Guaranteed to hatch a larger percentage of fertile eggs at less cost than any other hatcher. Send for circulars free. GEO. H. STAHL, QUINCY, ILL.



## DO YOU WANT THE DADDY OF ALL Feed Steamers

that cooks feed in half the time and with less than half the fuel of others? If so, write for 16-page pamphlet. J. K. FURINTON, Des Moines, Iowa.



## U.S. SCALE CO.

Manufacturers of Stock, Wagon, Hopper, Miners', Dormant, Depot and R. R. Track Scales, all sizes. Greatest Improvements, Lowest Prices.

We have had fifteen years experience in this business and will guarantee satisfactory work or no pay. Send for circulars and prices before buying. S. J. AUSTIN, Pres., Terre Haute, Ind. When writing advertiser mention KANSAS FARMER.

DO YOU WANT A Profitable Business? Do you wish to SUCCEED where others fail? Then

## BORE WELLS

with our famous Well Machinery. The only perfect self-cleaning and fast-dropping tools in use.

**LOOMIS & NYMAN, TIFFIN, OHIO.**

**THE GREAT "OHIO" WELL DRILL**

Catalogue FREE.

**The O. K. STEAM FEED COOKER**

has more square feet of heating surface than any other boiler of the same capacity. It will hold 32 gallons and has 34 square feet heating surface. Made of steel boiler plate, no cast iron, flange steel heads and lap weld charcoal boiler tubes. H. N. Clark, Manfr., Des Moines, Iowa. Send for circulars and prices to U. S. HAY PRESS SUPPLY CO., Gen. Agts., Kansas City, Mo.

**IXL WINDMILL**

OVER 20,000 IN USE.

The Company having dispensed with traveling salesmen, will appoint reliable local agents.

Send for Catalogue descriptive of

**Power Engines, Shellers, Grinders, Pump Pipes, Tanks, Etc.**

Also Patent Double-Rim Twist-Slat Wheel.

**The Phelps & Bigelow Windmill Co.,**  
1215 W. 9th St., KANSAS CITY, MO.

**KIRKWOOD'S STEEL WIND ENGINE**

What would you think of a man asking you to buy a wooden frame mower or blower? You would probably think him a fool. Think the same when he asks you to buy a wooden windmill, when you can buy the KIRKWOOD steel mill for the same money. The reason is this: Because it is the most durable, the rains do not swell it, the sun cannot shrink it, and the wind cannot shake the wings out. Send for prices and catalogue.

**KIRKWOOD MANUFACTURING CO.,**  
Arkansas City, Kansas.

**U. S. BALE-TIE MAKER.**

Makes loop, straightens wire and cuts off with one movement of the lever.

Lightning Lifting Jack, for hay presses, wagons, etc. All steel and very powerful.

Self-adjusting Wire Reel. Best in the world. Takes any size coil.

Also Hay Presses and Hay Press Supplies of all kinds. Weighing attachments and repairs for any press. Send for prices and catalogue.

**U. S. HAY PRESS SUPPLY CO.,**  
KANSAS CITY, MO.

## SALESMEN WANTED

In every unoccupied locality. FARMERS preferred, to sell our **SPRAYING OUTFITS**. Exclusive territory and big wages to responsible men. Others need not answer. We manufacture the new **Knapack Sprayer** for Vineyards, and the **Perfection** that stirs the liquid automatically and will spray 100 trees per hour. Write for terms at once. Time is money. **FIELD FORCE PUMP CO. LOCKPORT, N. Y.**

## BEST IN THE WORLD

Has Many Advantages Over all Others.

We warrant them to give perfect satisfaction or money refunded.

## AGENTS WANTED!

They can make \$100 per month, easy. Write for terms and prices. Address **J. Kiehle, Des Moines, Ia.**



## ATTENTION, FARMERS!



We have arranged with **S. B. RITTENHOUSE**, the patentee and manufacturer, to introduce his recently patented

## BROADCAST SEED - SOWER.

It will distribute flax and clover seed 36 feet to the round. Wheat, 50 feet to the round. Timothy seed, 27 feet to the round. Oats, 36 feet to the round.

We will furnish it and the **KANSAS FARMER** for one year for \$4, or with five subscriptions and \$5, we will deliver one of these machines free.

This is a chance to get an excellent implement at a small cost, or a little exertion in getting a few subscribers for the "Old Reliable." **KANSAS FARMER CO., TOPEKA, KAS.**



**"KEYSTONE" DISC HARROW**

**WHAT IT WILL DO.**

1. Cut up sod.
2. Prepare ground for spring seeding or for planting without plowing.
3. Pulverize fall plowing.
4. Prepare stubble for winter wheat without plowing.
5. Turn manure under to the proper depth.
6. Put in both spring and fall grain to the proper depth as well or better than a drill.
7. Pulverize and level rough ground.

It has numerous other uses.

Our Disc Harrow with Seeder attachment makes a grand outfit. Will pay for itself in one season. Send for catalogue.

**KEYSTONE MFG. CO., Sterling, Ill.**  
Branch Houses conveniently located.  
(Mention this paper.)

**The New Self-Heating WASHER**

5 cents worth of Gasoline

Will do an ordinary size washing.

Saves expense of buying boiler, tubs and wash-board every few years.

Can swing burner to one side of machine and make starch, heat sad-irons, etc.

Heats its own water and keeps it hot from first to last.

Saves lifting the clothes on and off a hot stove to boil them.

There is not a particle of danger in using gasoline, the way it is constructed. Is much cheaper, cleaner and handier than coal or wood. Machine folds down with lid and makes a good table. Is the only successful washer ever made. All kinds of Wringers handled—from \$2 to \$5. Agents wanted everywhere. Send for circulars.

**BENBOW HEOS, Factory, 1904-1908 Hunter Ave., Wichita, Kas.**

## STATE LINE.

GLASGOW, LONDONDERRY, BELFAST DUBLIN, LIVERPOOL & LONDON.

FROM NEW YORK EVERY THURSDAY Cabin Passage \$35 to \$50, according to location of stateroom. Excursion \$65 to \$85.

Steorage to and from Europe at Lowest Rates. **AUSTIN BALDWIN & CO., General Agents, 53 Broadway, NEW YORK.**

**JNO. BLEGEN, Gen'l Western Agent, 164 Randolph St., Chicago**

**ROWLEY BROS., Topeka, Kas.**

**TANSY PILLS!**

## POTATO "ASPINWALL" PLANTER

DISTRIBUTES FERTILIZERS

The Triumph of Modern Invention.

Illustrated Circular sent free.

**ASPINWALL MFG CO.,**



PLANTS CORN, BEANS, ENSILAGE, ETC.

Mention this paper.

Three Rivers, Michigan.

**STAR FLEXIBLE LAND ROLLER.**

**BEST ON EARTH**

SEND TO US FOR DIS-  
SCRIPTIVE CIRCULAR,  
PRICES, ETC.

**The Castree-Mallery Co.**  
FLINT, MICH.  
(Mention this paper.)

**THE SCIENTIFIC GRINDING MILL**

**The BEST MILL on EARTH**

Grinds EVERYTHING for FEED, including EAR CORN with Shucks on. Has SAFETY BOTTOM and PIN BREAKER to prevent accidents. Reversible Self-Sharpening GRINDING PLATES, remarkable for durability. Save 25 to 50 per cent. Grinding Feed. Sent on trial with all others. Fully Guaranteed. Send for illustrated Catalogue of this and our

**NEW SWEEP MILL for Two Horses.**  
**THE FOOS MFG. CO. SPRINGFIELD, O.**

**THE KANSAS CITY Medical and Surgical Sanitarium.**  
For the Treatment of all Chronic and Surgical Diseases.

The object of our Sanitarium is to furnish scientific medical and surgical treatment, board, rooms, and attendance to those afflicted with chronic, surgical, eye, ear, and nervous diseases, and is supplied with all the latest inventions in electric science, deformity appliances, instruments, apparatuses, medicines, etc. We treat DEFORMITIES of the human body. We are the only medical establishment in Kansas City manufacturing surgical braces and appliances for each individual case. Trusses and Elastic Stockings made to order. Catarrh and all diseases of the Throat. Treatment by Compressed Air, Sprays, Medicated Vapors, etc., applied by means of the latest inventions in apparatus for that purpose.

**DISEASES OF THE NERVOUS SYSTEM,**  
and Diseases of Women a Specialty. Electricity in all its forms, baths, douches, massage, inhalations, nursing, etc., are provided as may be required by patients, in addition to such other medical treatment as may be deemed advisable. Book free upon Private, Special or Nervous Diseases, Syphilis, Gleet, Stricture and Yarrowcole.

**DISEASES OF THE EYE and EAR**  
All the most difficult Surgical Operations performed with Skill and Success. Fifty rooms for the accommodation of Patients. Physicians and trained nurses in attendance day and night. Consultation free. For further information call on or Address **DR. C. M. COE, President,**  
Or, Kansas City Medical and Surgical Sanitarium, 11th & Broadway, KANSAS CITY, MO.

**GUARANTEED.**

**Bragdon's Specific**

For the Prevention and Cure of **HOG CHOLERA.**

It is no longer a debatable question as to whether **HOG CHOLERA** can be prevented and cured.

It has been proven over and over again that **BRAGDON'S SPECIFIC** for the prevention and cure of the *Swine Plague* or *Hog Cholera* will cure and prevent this heretofore unconquerable and devastating disease, when used in strict accordance with our directions.

Read testimonials, written by honorable and intelligent men, which will appear in this paper from time to time.

**ERADICATIO**

**(TRADE MARK)**

**TESTIMONIALS:**

**G. H. JEROME & Co., CITY DRUG STORE, YORK, NEB., April 4, 1890.**  
Bragdon Chemical Co.—Gents:—In answer to yours of recent date, would say: The SPECIFIC is gradually gaining ground with us. Our community has been imposed upon by Haas, Clark and many other preparations, so it is passing hard to introduce a new one, even though it possesses merit. One of our biggest shippers has tried it to his perfect satisfaction as a cure, and has recommended it to his friends as a Specific. Will let you know from time to time what friends it is making. Yours, **JEROME & CO.**

**OFFICE OF E. C. HEALY, DEALER IN DRUGS, CLOTHING, BOOTS AND SHOES, MORGANVILLE, KAN., April 19, 1890.**  
The Bragdon Chemical Co., Fort Scott, Kas.—Gents:—Please find enclosed \$11.65, discount 35c. I have sold Haas' and Clark's remedies, and hogs have continued to die. I sent to Junction City for some of your Specific, and I have not lost but one hog since I commenced feeding it. One of my customers has lost \$900 worth of hogs the past month. He has not lost a hog since I got your Specific from Junction City. Yours respectfully, **E. C. HEALY.**

**MERIDEN PARK HERD OF POLAND-CHINAS, F. A. TRIPP, PROPRIETOR, MERIDEN, KAS., December 15, 1890.**  
Bragdon Chemical Co., Fort Scott, Kas.—Kind Friends:—I call you kind friends because you have a remedy that is the only friend of the hog man. You will please find enclosed P. O. money order for six dollars, for which please send me by express half case of the hog cholera remedy. I am not losing hogs myself now, but my neighbors are. I am satisfied that your remedy will knock the cholera. A man by the name of Musselman has tried it. He got three doses of a neighbor and says he has cured two hogs with three doses; they were shoats, and were in very bad shape. I saw them, and I told him then they were infected. They were in terrible condition. Send my order as soon as possible. I remain your friend, **F. A. TRIPP, Meriden, Jefferson Co., Kas.**

**The BRAGDON CHEMICAL CO.,**  
Laboratory and Salesroom,  
113 Wall Street, FORT SCOTT, KANSAS.  
PLEASE MENTION THIS PAPER.

## CONSUMPTION.

I have a positive remedy for the above disease; by its use thousands of cases of the worst kind and of long standing have been cured. Indeed so strong is my faith in its efficacy, that I will send two BOTTLES FREE, with a VALUABLE TREATISE on this disease to any sufferer who will send me their Express and P. O. address. **T. A. Slocum, M. C., 181 Pearl St., N. Y.**

**THE GLOBE WELL WORKS**

MANUFACTURERS OF  
WELLBORING & ROCK DRILLING  
MACHINERY  
CATALOGUE FREE  
OTTAWA ILL



## TWO-CENT COLUMN.

"For Sale," "Wanted," "For Exchange," and small advertisements for short time, will be charged two cents per word for each insertion. Initials or a number counted as one word. Cash with the order.

**Special.**—All orders received for this column from subscribers, for a limited time, will be accepted at one-half the above rates—cash with the order. It will pay you! Try it!!

**ONE PAIR FREE**—Electric magnetic insoles—sure cure for rheumatism; keep your feet warm. Send twelve 2-cent postage stamps for postage. Manufacturer, Burlington, Kas. E. Wingren & Co. Agents wanted.

**FREE FOR TEN DAYS**—To agents as sample. Actins or our electric jar. Best selling article this season. Restores eyesight and hearing. Silver screw bezel top. First jar cost \$1,000 to make. E. Wingren & Co., Burlington, Kas.

**FOR SALE OR TRADE**—I will sell at a low figure the 9-year-old Percheron stallion Papillon, imported by Dunham, or will trade for a stallion of equal breeding and merit that I can breed to his colts. Address W. J. Bailey, Baileyville, Kas.

**ENGINE AND BOILER FOR SALE**—An eight-horse-power, suitable for running feed-grinder or other such machinery. Price low. Address C. W. Douglass, Topeka, Kas.

**KAFFIR CORN FOR SALE**—Per pound, by mail, 15 cents. By freight or express, in sack—peck, 50 cents; half bushel, 75 cents; bushel, \$1.20. In barrels—two bushels, \$2. D. F. Norton, Council Grove, Morris Co., Kas.

**BERKSHIRES**—Well-bred, growthy pigs. Special bargains in some choice boars that will be just right to use for early fall pigs. Write. H. B. Cowles, Topeka, Kas.

**KENTUCKY JACK FOR SALE**—A splendid thoroughbred, sure foal-getter. Also a half Norman and half Copperbottom stallion. Call and see the stock or address H. B. White, Box 270, Topeka, Kas.

**LADIES, TAKE NOTICE**—I have a preparation for removing superfluous hair and moles from the face and neck. Can remove in five minutes the worst case, without injury to the finest skin. Call and give it a trial, as it costs nothing to see. Call on or address Mrs. S., 318 Quincy St., Topeka, Kas.

**FOR SALE**—Milo maize and Kaffir corn. Prices low. Address R. B. Briggs, Heitzerton, Kas.

**STOCK AND FRUIT FARM**—820 acres for sale or trade for horses and cattle or small farm near good school. Will give bargain. Address G. W. Jenkins, Elk Falls, Kas.

**50 BARRED AND WHITE P. ROCK COCKERELS**—left. Ten Langshan and Minorca cockerels. Write for particulars. John C. Snyder, Constant, Kas.

**WANTED**—Cane, millet, timothy, clover, alfalfa and other seeds, also popcorn, at Kansas Seed House. F. Barteldes & Co., Lawrence, Kas.

**FOR SALE**—Light Brahmas, Bronze turkeys, Silver-Laced Wyandottes and Pekin ducks. Emma Brosius, Topeka, Kas.

**FOR SALE**—A thoroughbred imported Clydesdale stallion, 4 years old. Will be sold on reasonable terms by the executor of estate of R. J. Barnes. D. C. Nellis, Secretary Kansas Farmer Co., Topeka.

**FOR SALE**—A thoroughbred registered Jersey bull, eighteen months old, Alphea and Swivel strain. Cheap. F. H. Vesper, Topeka, Kas.

**FOR SALE**—Four full-blood Poland-China boars, 5 and 6 months old. Prices reasonable. At Prospect Farm. H. W. McAfee, Topeka, Kas.

**2,000,000 HEDGE PLANTS FOR SALE**. F. Babcock, Topeka, Kas.

**\$2,000** will buy farm of 300 acres. Other farms cheaper. Leake & Co., Glen Allen, Va.

**FOR SALE**—Threshed cane seed. Sacked f.o.b. in tip-top condition. Taylor & Son, Wanamaker, Kas.

**STAMP BRINGS PARTICULARS**—Twenty cents for the Electric Insole, guaranteed to keep your feet warm. Sure cure for rheumatism, cramp in feet and legs. Worth \$1. E. Wingren & Co., Burlington, Kas.

**FOR SALE CHEAP**—Two Percheron stallions, bred from imported stock. J. C. Dwell, Cedar Point, Kas.

**FARMS FOR SALE**—In Albemarle Co., Virginia. Winters mild and short, health fine, land good, prices cheap, taxes low. Free from floods, cyclones, grasshoppers, etc. Write to L. D. Aylett & Co., Charlottesville, Va.

**ALFALFA SEED**, in any quantity, for sale. Address W. P. Haywood, Lakin, Kas.

**I WILL SELL FOR NEXT THIRTY DAYS**—Fall pigs, weighing from sixty to eighty pounds, for \$10 per head or \$18 per pair—eighty-five head to pick from as I must make room for forty-one spring litters. Also a yearling for \$25, weighing 480 pounds. Robert Rounds, breeder of Poland-Chinas, Morganville, Clay Co., Kas.

**200 BARRELS SEED SWEET POTATOES**—Nine best kinds, for sale. Write for prices. Address N. H. Pixley, Wamego, Kas.

**GOOD FARM HAND**—With a family, desires a steady situation on some good farm. Best of references given. Address C. S. Petty, Valencia, Kas.

**JACKS FOR SALE**—One 4 years old, 15½ hands high; one 2 years old past, 15 hands. Also twelve 4-year-old mules. J. M. McCormick, Zeandale, Kas.

**MUST BE SOLD**—To satisfy a chattel mortgage, twenty-one head of registered Holstein cows, heifers and bulls, from the well-known Murray Hill herd of Holstein cattle. Ruinously low prices quoted on application and time given on approved notes. Address Hansen & Rathbone, Agents, Council Grove, Kas.

**FOR SALE (CHEAP)**—Eight finely-bred registered Holstein-Friesian bull calves, from two to six months old. H. W. Cheney, North Topeka, Kas. Farm four miles north of town.

**FOR SALE**—Farm and grist-mill, near Rogersville. Address W. P. Armstrong, Rogersville, Tenn.

**FOR SALE OR EXCHANGE**—The thoroughbred Poland-China boar, Black U. S., bred by Duffield, of Somersville, Ohio. This hog is one of the best sires in the West. Age 4 years. Address W. G. Hawes, Colony, Kas.

**FOR SALE**—Kansas farm of 400 acres, all fenced, cross-fences; 170 acres in cultivation; two good frame houses, large frame barn, two corn-cribs, two hog-lots. School one-fourth mile. Near railroad. Running water all the year. Some timber. For terms address "T," Box 45, Edmond, Kas.

**STRAWBERRIES**—Plants of the Capt. Jack and S. many other varieties for sale. All plants carefully selected and packed with printed instructions how to grow them. Send stamp for price list to Mrs. J. C. Bare, Baldwin, Douglas Co., Kas. References—Baldwin City Bank and postoffice.

## The Monarch is King!

This space belongs to the Monarch Scale. The best scale in the world. Unlimited capacity. Without weights. Simple, Durable, Perfect. Carried off first premium and diploma over all competitors wherever exhibited. The cheapest-best scale in existence. Seeing is believing. Using is confirming. This is the scale of the age. Ask your dealer for circulars or write

**H. N. STRAIT MFG. CO.,**  
Kansas City, Kansas.

## TWO-CENT COLUMN—(Continued.)

**1000 FANCY STICKERS**—Card printed as desired—by mail, \$1. Address Novelty Co., Glen Allen, Va.

**TWO-BOW POTATO-PLANTER \$5.**—Plants any size, interval or depth. B. M. Shaw, Galesburg, Kas.

**FLAXSEED FOR SALE**—Choice re-cleaned sowing seed. Sloaner & Stevenson, Garnett, Kas.

## HERE IS YOUR CHANCE.

Who has an unencumbered farm to exchange for a nine-year-old Jack, or a three-year-old Hambletonian stallion, or both—both sound?

**T. F. BUTTERFIELD,**

Dealer in Real Estate and Stock, DeWitt, Iowa.

**FARMERS, ATTENTION!**—Do not pay \$100 for Jersey bulls. I will sell well-bred and fine individuals at \$30 to \$40. Ten Holstein cows and heifers and two young bulls, \$500. One fine four-year-old grade Clydesdale stallion at a bargain. Address Wm. Brown, Box 60, Lawrence, Kas.

**FOR SALE**—Or trade for cattle, a well improved bottom farm, 160 acres, three miles from Council Grove. Address "J. W.," Box 424, Council Grove, Kas.

**FOR SALE**—A fine young Jack, fine size and a fine performer. Bred from stock brought from Kentucky. Bert Chapman, Holden, Mo.

**I HAVE THIRTY STANDARD-BRED LIGHT** Brahmas cockerels for sale. Price \$1.50 each. Also choice seed corn, the corn that won the \$500 at St. Joe, also the \$150 Studebaker wagon at Kansas City last fall. Price \$1 per bushel, including sacks. Adam Rankin, Box 445, Olathe, Kas.

**MODELS**—For patents and experimental machinery. Also brass castings. Joseph Gerdon & Sons, 1012 Kansas Ave., Topeka, Kas.

**RANCH AND STOCK IN EASTERN KANSAS**—For an agricultural implement plant in running order in Illinois. W. J. Price, Room 20, Knox Building, Topeka.

**FOR SALE OR EXCHANGE**—Cory's Tip-Top 6971, a grand Poland-China sire, 5 years old, fine condition, sure sire. Will sell reasonable or exchange for different blood. Address F. L. Watkins, Harper, Kas.

**FOR SALE**—Farm of 286 acres, thirty-three miles west of Kansas City, two and a half miles from Eudora. Partly fenced and cross-fenced, timber, five-room house, frame barn holding nine horses and eight cows, good well and cistern, clover, timothy and blue grass. Address F. M. Cory, Eudora, Kas.

**SWEET POTATOES TO SPROUT ON SHARES**—Farmers, farmers' wives and sons can make money. Directions free. T. J. Skinner, Columbus, Kas.

**FOR SALE CHEAP**—Or exchange for another Holstein bull, a thoroughbred Holstein bull, coming 4 years old, fine color and sure; weight 1,700 pounds. Reason for selling, can't use him any longer on my herd. Address Fred Glauser, Beloit, Kas.

**FOR SALE**—Two thoroughbred Holstein-Friesian bulls, from the famous herd of M. E. Moore. Address N. H. Brosius, Topeka, Kas.

**FOR SALE OR TRADE**—Draft horses and barns—all or a part. One full-blood Clydesdale stallion, two registered imported Norman stallions, one crossed French Coach and Percheron stallion, all fine individuals and choice breeders. Livery and breeding barns and residence. Will take a good standard-bred stallion in exchange. A rare opportunity for parties to carry on a paying business in a live town. For full particulars call on or address D. Gillson, Appleton City, Mo.

**STRAYED OR STOLEN**—Mare mule, about 15 hands high; dark brown, nearly black; blind in right eye, lumps under jaw, Roman nose. One horse mule, about 15 hands high, dark brown. Suitable reward. Gus Trebbe, Scranton, Kas.

**CALIFORNIA FRUIT FARM**—Strawberry plants from new beds, \$1 per 1,000 and upward. Best variety of Raspberry and Blackberry Plants very cheap. Write for prices. J. C. BANTA, Lawrence, Kas.

**FLOUR MILL FOR SALE**—Or will trade for good improved real estate. Northeastern Kansas or western Missouri preferred. Address Kaufman & Son, Virgil, Kas.

**TO EXCHANGE**—One-half section of clear land for stock or goods. O. W. Rule, Sharon, Kas.

**DEFFER'S TARIFF MANUAL**—For sale to our subscribers for 15 cents in 1 or 2-cent stamps until the stock is closed out. Address Kansas Farmer office.



## FOR SALE!

One black Jack, 15 hands, 7 years old.  
One roan Jack, 14½ hands, 8 years old.  
One Percheron Stallion, 6 years old.  
**E. T. BAKER,**  
Bazaar, Chase Co., Kas.



**YOU** Can secure a splendid SEWING MACHINE FREE by securing new subscribers for The Advocate, a Farmers' Alliance Journal. Subscription price only 50 Cents Per Year. Two hours labor will secure you the machine. Address for particulars

**THE ADVOCATE, Laporte, Ind.**

## Garden Seeds.

**THE HARNDEN SEED CO.,**  
Kansas City, Mo.

Catalogue and Price List on application. Michigan-grown Seed Potatoes a specialty.

## PURE

**TRUMBULL, STREAN & ALLEN**  
SEED CO.,  
Grass, Field, Garden and Tree Seeds, Onion Sets, Etc.  
Send for Catalogue. Mailed Free.  
1622-1626 St. Louis Ave.  
KANSAS CITY, MO.

## SEEDS

## SEEDS

**J. C. PEPPARD,** 1220 UNION AVENUE  
(One block from Union Depot)  
KANSAS CITY, MO.  
MILLET A SPECIALTY.  
Red, White, Alfalfa & Alsike Clovers.  
Timothy, Blue Grass, Orchard Grass, Red Top,  
Onion Sets, Tree Seeds, Cane Seed, Etc.

## DAKOTA

**EARLY VEGETABLES AND BIG PRICES.**  
The result of using seeds grown in our short seasons and cold climate. This is the testimony of our Southern and Eastern customers.  
Send for our free Catalogue.  
**F. J. MATTS & CO.,** Huron, South Dakota.

## SEEDS

## THE ALBERT DICKINSON CO.

Offices, 115 Kinzie Street.  
WAREHOUSE: CHICAGO, ILL.  
104 to 110 Michigan St.  
1600 to 1618 Clark St.  
115 to 119 Kinzie St.

## SEEDS

DEALERS IN:  
TIMOTHY, CLOVER,  
HUNGARIAN MILLET, BLUE  
GRASS, RED TOP ORCHARD GRASS  
IMPORTED AND DOMESTIC PASTURE  
GRASSES, FLAX, POP CORN, BIRD SEED &c.

## THE DINGEE &amp; CONARD CO'S

Yes our Seeds are **THE BEST** there is, that's all—none can be better, and if you plant them once, you will want them again. **OUR SEEDS, ROSES,**

## SEEDS

especially **Roses, Bulbs, Hardy Plants, etc.**, are known everywhere and sent everywhere *postpaid*. If you don't know a better place, send your orders to us, but first write for our **NEW GUIDE**—a valuable Book 124 pp. **FREE**, and see how much a little money will do. **THE DINGEE & CONARD CO. WEST GROVE, PA.**

H. W. CRESSWELL, President.  
SAM. LAZARUS, Vice President.  
PAUL PHILLIPS, Treasurer.  
J. W. T. GRAY, Secretary.

**ELI TITUS,**  
GENERAL MANAGER.

## AMERICAN Live Stock Commission Co.

## KANSAS CITY STOCK YARDS.

UNION STOCK YARDS,  
CHICAGO, ILL.  
NATIONAL STOCK YARDS,  
EAST ST. LOUIS, ILL.

KANSAS CITY STOCK YARDS,  
KANSAS CITY, MO.  
UNION STOCK YARDS,  
OMAHA, NEB.

**EDWIN SNYDER, REPRESENTATIVE KANSAS FARMERS' ALLIANCE.**

Market Reports furnished free. Correspondence promptly attended to.

**DIRECTORS:**  
H. W. CRESSWELL, A. B. GREGORY, W. A. TOWERS, PAUL PHILLIPS,  
F. B. YORK, R. M. SMITH, T. S. BUGGER, JOT GUNTER,  
J. H. STEPHENS, SAM. LAZARUS, A. ROWE.

**CONSIGN YOUR CATTLE, HOGS & SHEEP TO**  
**Larimer, Smith & Bridgeford,**  
**LIVE STOCK COMMISSION MERCHANTS,**  
Kansas City Stock Yards, Kansas City, Kansas.

Highest market prices realized and satisfaction guaranteed. Market reports furnished free to ship pers and feeders. Correspondence solicited. Reference:—The National Bank of Commerce, Kansas City.

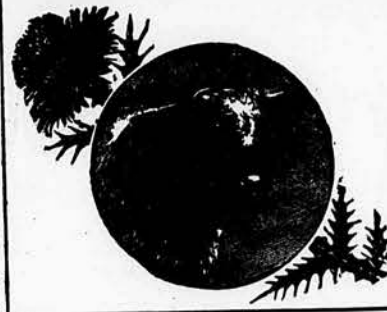
**BABY \$2,000 for \$100 BABY**  
**STAKES. \$1,000 for \$50 STAKES.**

The proprietor of **RIVERSIDE STOCK FARM, TOPEKA, KAS.**, offers the above amounts in GUARANTEED STAKES for WESTERN-BRED COLTS, foals of 1890. To be trotted as yearlings and two-year-olds. Entries close March 1, 1891. Drop a card for entry blanks and full information to

**O. P. UPDEGRAFF, Proprietor, Topeka, Kas.**

## LINWOOD SHORTHORNS

**W. A. HARRIS, Proprietor,**  
**LINWOOD, Leavenworth Co., KANSAS.**



Substance, flesh, early maturity and good feeding quality the objects sought. The largest existing herd of Scotch Shorthorns, consisting of *Crutch-shank, Victorias, Lavenders, Violets, Seards, Braith Buds, Kinnel Golden Drops, etc.* Imported Craven Knight (57121) at head of herd.

Linwood is on Kansas Division Union Pacific R.R. Farm joins station. Inspection invited. Catalogue on application. Please mention KANSAS FARMER.

**ANNUAL SALE, CHICAGO, APRIL 16, 1891.**

## Grand Combination Sale of Horses and Cattle

At the City Stock Yards, Foot of Fifteenth St., DENVER, COLO.

Conducted by the City Stock Yards Commission Company.  
**GEO. L. GOULDING, President.** **D. H. SMITH, Vice President.**

**THIS IS OUR FOURTH ANNUAL SALE**

TO BE HELD

**FEBRUARY 23, 24, 25, 26, 27 AND 28, 1891.**

**ENTRIES CLOSE JANUARY 27.**

The experience of four years has demonstrated that these sales are most successful when held early in the year, and we have decided to concentrate our efforts on **ONE GREAT SALE** during the last week of February, and hold no sales later in the season. We beg to solicit entries of the best classes of both Horses and Cattle for this sale. It has been proven that in this Denver market first-class stock can be sold to the very best advantage. We have established a reputation for collecting the very finest specimens of stock at these sales, which are consequently looked forward to and largely attended by buyers from the States of Colorado, Wyoming and Texas, and from the Territories of Utah, New Mexico and Arizona. All stock must be consigned to **THE CITY STOCK YARDS COMMISSION CO.**, foot of Fifteenth St., Denver. Entry blanks, giving full particulars of terms and conditions, will be furnished on application to **The City Stock Yards Commission Co.** **D. H. SMITH, Vice President.** **COL. S. A. SAWYER** will act as Auctioneer.