

KANSAS FARMER

ESTABLISHED 1863.
VOL. XXIX, No. 42.

TOPEKA, KANSAS, WEDNESDAY, OCTOBER 21, 1891.

SIXTEEN PAGES.
\$1.00 A YEAR.

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CATTLE AND SWINE.

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.

J. W. YOUNG, Smithville, Mo. Best strains of Short-horn cattle and Poland-China hogs. Make no mistake but write or see me. Satisfaction assured in stock and prices.

HOME FARM HERDS SHORT-HORN CATTLE—With the Crickshank bull Imp. Knight Templar 51503 at head of herd. Poland-Chinas, the farmer's hog; young stock for sale. Banded and White Plymouth Rocks; eggs \$1 and \$2 respectively. C. M. T. Hulet, Edgerton, Johnson Co., Kas.

SWINE.

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

T. C. TAYLOR, Green City, Mo., has fifty head of registered Poland-China pigs for this season's trade at farmers' prices. Inspection of stock and correspondence desired.

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

ASHLAND STOCK FARM HERD OF THOROUGHbred Poland-Chinas, contains animals of the most noted blood that Ohio, Indiana and Illinois contains. Stock of both sexes for sale sired by Bayard No. 4693 B, assisted by two other boars. Inspection of herd and correspondence solicited. M. C. Vansell, Muscotah, Atchison Co., Kas.

A. K. SERCOMB, Paton, Iowa, breeder of Duroc-Jersey Swine. West Star at head of herd. Let me hear from you.

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

REG'D ENGLISH BERKSHIRE HOGS—Farmers' prices. Inspection solicited. Address E. I. Crowell, Iola, Kas., breeder and shipper.

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 13; \$2 for 25.

TOPEKA HERD OF LARGE BERKSHIRES.—Fine weanling pigs, boars ready for service, and young sows at reasonable prices. Write. H. B. COWLES, Topeka, Kas.

HOGS Duroc-Jerseys. Best prize stock for sale. C. J. STUCKEY, ATLANTA, ILL. PIGS

A. E. STALEY & SON, Ottawa, Kas., breeders of REGISTERED CHESTER WHITES AND BERKSHIRES. Best and cheapest in the West. Write us at once.

F. G. HOPKINS & SON, St. Joseph, Mo., breeders of choice Poland-China and Small Yorkshire swine. Inspection solicited. Satisfaction guaranteed. Breeders all recorded. Stock for sale.

12 BLUE RIBBONS at Southern Kansas Fair. We have the choicest lot of Poland-Chinas we ever raised. Send for price and description. Stewart & Cook, Wichita, Kas.

J. C. CANADAY, Bogard, Carroll Co., Mo. The best of improved Chester White pigs for registered Ohio stock for sale. Boars ready for service, sows in pig. Stock guaranteed. Correspondence solicited.

G. 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.

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.

JOHN KEMP, North Topeka, Kansas, Breeder of Improved CHESTER WHITE SWINE. Stock for sale.

80 CHESTER WHITE, 50 Berkshire hogs, 10 Beagle pups, 20 Shropshire sheep, 150 M. B. turkeys bred from prize-winning males. Write what you want. Stock guaranteed. Prices low. M. E. Charles, Kelton, Pa.

PLEASANT VALLEY HERD of Poland-China swine. George Lewis, proprietor, Neodesha, Kas. Herd second to none in the West. Write for what you want.

CLEVELANDER, 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.]

SWINE.

REGISTERED BERKSHIRES.—I will sell pigs, either sex, from my best show sows. Write for particulars. Chas. Ernest, Fostoria, Ohio.

CREAM RIDGE HERD OF POLAND-China and Chester White swine and Merino sheep. Also Bronze turkeys and Light Brahma chickens. Choice stock and reasonable prices. Address J. G. Cassida & sons, Chula, Livingston Co., Mo.

EVERGREEN HOME-STEAD HERDS of Poland-China swine and Short-horn cattle. All breeders registered. Write for wants. D. T. GANTY, Steele City, Nebraska.

ROME PARK HERDS.—T. A. Hubbard, Rome, Sumner Co., Kas., breeder of POLAND-CHINA and LARGE ENGLISH BERKSHIRE HOGS. My herds are composed of the richest blood in the U. S., with style and individual merit. Show pigs a specialty. Twelve high-grade Short-horn bulls, one and two years old, red and roans.

M. B. KEAGY, Wellington, Kas., breeder of English Berkshire hogs of the best families a specialty. Fifty head for this season's trade. Also select Plymouth Rock and S. C. B. Leghorns, Toulouse geese, Pekin ducks. Birds and eggs in season. Inspection and correspondence invited. Mention KANSAS FARMER.

KAW VALLEY HERD OF FANCY POLAND-CHINAS.—Kaw Chief at head, assisted by Dorsey's Glory and 1 Dock's Choice. I will say with modesty but with a degree of pleasure, it is hard to find three finer boars, East or West, owned by one man in same herd. Come and see and you will know whether my claims are just. One hundred pigs for season's trade. Call on or address M. F. TATMAN, Rossville, Kas.

POULTRY.

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.

BERT E. MEYERS, Wellington, Kas., breeder of B. Langshans, B. Minorcas, Bronze Turkeys, Pekin Ducks, V. White Guineas. Young stock for sale. Birds score from 93 to 99 by Emery. Mention FARMER

LANGSHANS FOR SALE.—I have several hundred first-class Langshan chicks, and will be able to furnish birds for the fall and winter fairs. In the meantime, I offer to sell the greater part of the present breeding stock at one-half of former prices, as I am overstocked and must make room. I have taken all of the best prizes at Lincoln, Omaha, Kansas City, Topeka and Emporia, and have exhibited more birds than any competitor and have over fifty score-cards ranging from 90 points to 96, and only six lower than 92, and have the judgment of five experts, viz.: Roberts, Pierce, Hitchcock, Hewes and Emery. If you want a single bird, a pair, trio or breeding pen of the finest Langshans on earth, state what is wanted and write at once for prices. Everything guaranteed as represented. Address (C. C. Deamer (successor to D. Q. Diven), Topeka, Kas.

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

MISCELLANEOUS.

AUTOMATIC STOCK-WATERER.—Send for full descriptive circular to the manufacturers, Perry & Hart, Abilene, Kas. Mention KANSAS FARMER.

M. D. FARLESS, Marysville, Kas., the Iron-lung as a stock sale cricr. Satisfaction guaranteed. Terms reasonable.

SHROPSHIRE SHEEP.—You can buy high quality Shropshires of the highest breeding and Hereford cattle of Will T. Clark, Monroe City, Mo., located on H. & St. Joe and M., K. & T. R. R.

E. L. TREADWAY & SON, Farmer'sville, Mo. breeders of registered Percheron horses, Poland China hogs and Merino sheep. Fifty bucks, 50 ewes and 75 head breeding pigs for sale at lowest prices for first-class stock.

S. A. SAWYER, FINE STOCK AUCTIONEER, Manhattan, Riley Co., Kas. Have thirteen different sets of stud books and herd books of cattle and hogs. Complete 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.

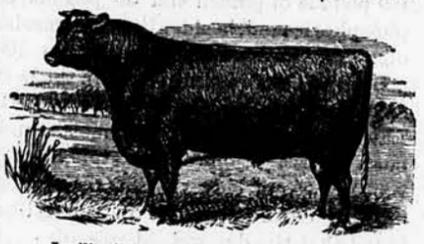
LIVE STOCK AND CITY AUCTIONEER.—Capt. A. J. Hingate, corner Sixth and Jackson streets, Topeka. Has forty years experience, and will make public sales anywhere in Kansas. Call at office or write.

MISCELLANEOUS.

D. S. C. ORR, VETERINARY SURGEON AND DENTIST.—Graduate Ontario Veterinary College, Canada. Veterinary Editor KANSAS FARMER. All diseases of domestic animals treated. Rigging castration and cattle spaying done by best approved methods. Will attend calls to any distance. Office: Manhattan, Kas.

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

PUBLIC SALE! OF SHORT-HORN CATTLE ON Tuesday, October 27, 1891.



I will sell at my farm, three miles from Leavenworth, Kansas, SIXTY-THREE HEAD Thoroughbred Short-horns, many directly descended from the famous herd of Amos Cruickshank, of Scotland, the remainder Young Marys, Phyllises and other valuable strains, and individually a very superior lot. All red but four (roans). TERMS.—Six months credit without interest; 5 per cent. deducted for cash payment. A longer credit on lead or other security at 8 per cent. interest, as follows: Five years on all sums of \$1,000 or over; three years on all sums of \$500; eighteen months on all sums of \$250. Catalogue on application. Lunch at 11:30; sale at 1. **JAMES C. STONE, JR.** COL. L. P. MUIR, Auctioneer.

Public Sale!

Twenty-five Imported and Native Full-blood and High-Grade PERCHERON STALLIONS & MARES, most all of the great Brilliant family, and six Kentucky-bred Saddle Horses. On Friday, October 30, 1891, I will sell without reserve my entire herd of horses, consisting of the above mentioned stock, at Cedar Grove stock farm, four miles west of WASHINGTON, MO. Send for descriptive catalogue and pedigrees. Sale to commence at 11 o'clock a. m. TERMS.—Four per cent. off for cash, or twelve months time with 5 per cent. per annum. Free bus from depot to farm. **GORDIAN L. BUSCH**, Washington, Mo.

CAP-A-PIE HERD POLAND-CHINA SWINE.

GEO. W. FALK, Richmond, Mo., can supply good to strictly first-class show hogs of either sex. Seventy-five April pigs and some yearling sows on hand. Ladies' Favorite 9445 (A), sire of more first prize winners than any other hog in Missouri, at head of herd. Satisfaction always given. Mention KANSAS FARMER.

A LOW PRICED CATTLE FEEDING MACHINE.

Is the most profitable investment possible for stock feeders. The Dean Ear Corn Slicer meets these requirements. Can be operated by hand at the rate of 40 bushels per hour. Can be used in the wagon, in crib, or can be run by power. Saves all waste, makes best kind of feed for calves, steers and milch cows. Length of cut adjustable. Circulars free. **ENTERPRISE CO., SANDWICH, ILL.**



BREEDERS' DIRECTORY.

Cards of four lines or less, will be inserted in the Breeders' Directory for \$15.00 per year, or \$3.00 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.

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

PROSPECT STOCK FARM.—Registered, imported and high-grade Clydesdale stallions and mares for sale cheap. Terms to suit purchaser. Two miles west of Topeka, Sixth street road. H. W. McAfee, Topeka, Kas.

CATTLE.

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, BREEDER OF SHORT-HORN CATTLE AND BUFF COCHIN POULTRY. MAPLE HILL, KAS.

400 COWS, PURE-BRED HEREFORDS.—Headed by Fortune 2080, Sir Evelyn 9650, Cheerful Boy 2029, Dewbury 21 18977, and others. Car lots and young herds a specialty. Jno. A. Moore, 561 and 563 Grand Ave., Kansas City, Mo.

T. M. MARCY & SON, Wakarusa, Kas., breeders of registered Short-horn cattle, have now for sale at a bargain twenty bulls, 18 to 22 months old. Carload lots of heifers or cows a specialty.

JERSEY CATTLE.—A. J. 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.

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.

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. CRUMPACKER, 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. Richland, Shawnee Co., Kas.

CATTLE AND SWINE.

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

HOLSTEIN-FRIESIAN M. H. ALBERTY, Cherokee, Kansas, CATTLE & POLAND-CHINA SWINE. Stock for sale. Prices reasonable. Stock as represented.

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

Agricultural Matters.

HOW ALFALFA IMPROVES SOIL.

In answer to a gentleman, who wants the fact explained why land in Colorado that has raised large crops of alfalfa will produce much larger crops of wheat and barley than when the land was new, a correspondent to the *Country Gentleman* says that "it is not difficult of explanation. Wheat, barley and other small grains obtain their nourishment from the five or six inches of top soil, and when that is materially diminished these crops are reduced, and the fertility must be renewed before large crops can again be raised. Leguminous plants, such as peas, red clover and alfalfa, must go deeper for nutriment. Peas draw mostly from six to ten inches, clover from eight to sixteen, and alfalfa goes straight down to great depths and draws all its nourishing matter to perfect its great crops from depths much below any of the others mentioned. So it will be seen that for all small grain crops alfalfa does not impoverish the soil at all, however long it may be raised, as it gets all its nourishment from a strata much below the one worked in ordinary agriculture. It has often been estimated, based upon careful experiment, that the roots and stubble of red clover are equal in weight to a large crop above ground, and thus they estimate the manurial value of the roots of well-cut clover as equal to 5,000 pounds of clover hay.

"This would contain some 300 pounds of ash, which ash would contain about 100 pounds of potash and 30 pounds of phosphoric acid, besides lime, magnesia, etc. The hay would also contain 100 pounds of combined nitrogen in the best form for nourishing crops. Sir J. B. Lawes made, perhaps, the most thorough investigation of the stubble and root growth of clover. After the last crop of clover was cut in the fall he found that the dry weight was, of—

Stubble.....	2,609 pounds per acre
Roots, first 9 inches.....	3,017 pounds per acre
Roots, second 9 inches.....	275 pounds per acre
Roots, third 9 inches.....	191 pounds per acre

Total..... 6,182 pounds per acre
"He went deeper, but this is quite sufficient to show that the stubble and roots are equal to the best crop of clover hay. It is thus safe to say that the stubble and roots of well-set clover would furnish the fertilization for three to four crops of wheat or other crops of small grain. And if this result is produced by raising clover, which draws its principal nourishment from the first sixteen inches of soil, how much greater must be the enrichment of the top soil by the growth of alfalfa, which draws its principal nourishment from a much greater depth than clover!

"These very large roots of alfalfa, boring so deeply into the earth, perform a wonderful service in bringing up these vast stores of fertility to the top soil within reach of the roots of all the small grains. It gives command of all the fertility in a depth of six to ten feet—a storehouse practically inexhaustible for a century.

"The late Dr. Voelcker made a study of the clover plant in England, and in an admirable paper in the *Journal of the Royal Agricultural Society* for 1868, he made a very concise summary of his views as to the effect upon the soil of the clover crop, a few of which I will give:

There is fully three times as much nitrogen in a crop of clover as in the average produce of the grain and straw of wheat per acre. During the growth of clover a large amount of nitrogenous matter accumulates in the soil. This accumulation, which is greatest in the surface soil, is due to decaying leaves dropped during the growth of clover, and to abundance of roots, containing, when dry, from 1% to 2% per cent. of nitrogen. Clover not only provides abundance of nitrogenous food, but delivers this food in a really available form (as nitrates), more gradually and continually, and with more certainty of good result, than such food can be applied to the land in the shape of nitrogenous spring top-dressing.

"This enrichment of the top soil by the clover plant applies in still greater degree to the alfalfa plant. If we esti-

mate the roots of alfalfa to have a dry weight of 8,000 pounds per acre, then these roots would contain 184 pounds of nitrogen, 120 pounds of potash, and 50 pounds of phosphoric acid. This will explain to M. the cause of the increased crops of wheat, barley or other small grain. This adaptability of Colorado to raising large crops of alfalfa will double its resources for stock-keeping.

"This leguminous plant has great advantages over red clover in being perennial, insuring large crops indefinitely without reseeding. But it should be cut before flowering for the best hay, and for soiling before heading. Ten acres of the best alfalfa would feed forty milch cows through the summer, and when properly preserved in silo, would make a most excellent milk food in winter. Neither clover nor alfalfa should be plowed under as manure, when all the nutritive qualities may be utilized by the dairy cow, and 90 per cent. of the fertilizing power remain in the droppings for the land."

Birds the Farmers' Friends.

The rapid increase of insects injurious to plants of the garden and field during the past twenty-five years has occasioned heavy losses to the gardeners and farmers, and caused them a great deal of annoyance and trouble. That insects should increase so rapidly indicates that there is something radically wrong—that the harmony of nature has been disturbed. It is well known that different species of animals are designed by nature to prey upon and be preyed upon by other species, thus holding in check too great an increase in the numbers of any kind. As H. Reynolds, M. D., of Livermore Falls, Maine, says, "if one kind, in a state of nature, becomes unduly numerous, the animals which naturally prey upon that kind are stimulated by abundance of food to multiply rapidly and thus be enabled to reduce the superfluous numbers. The birds are the natural foes of the insects, and when uninterfered with are usually sufficient to hold them in check. But man has cleared away the forests, the homes of the birds, and has killed off the birds for his amusement or because of some little injury they have inflicted on his crop, so that their numbers have become so greatly reduced that they are inadequate to hold in check the vast hordes of insects that are seen on every hand. Were it not that insects prey upon each other there would be no protection against them—the country would be alive with them."

NUMBER AND INCREASE OF INSECTS.

"Insects outnumber all other species of animals, about 350,000 having already been described, and it is believed that fully as many more species remain to be described. Many of these creatures are so small that a microscopic examination is necessary in order to describe them. A large part of all these numerous varieties of insects are injurious to cultivated crops. It is said that no less than 175 kinds of insects are injurious to the apple tree and its fruit. The rapidity with which insects multiply is surprising. The Aphides, or plant lice, which are found everywhere, almost every plant having a variety peculiar to itself, will seem to illustrate the rapidity of multiplication of insects. The sudden appearance of these lice, seeming at once to cover the whole surface of leaves and stalk with numbers innumerable, is somewhat explained when we know how rapidly they are produced. These insects are produced alive, not hatched from eggs, except the last generation of the season. The progeny are all females, reaching maturity in a week or two, when they are capable of producing their kind, reaching as many generations almost as there are weeks of hot weather, closing the season with a brood of males and females for the progenitors of a similar line of viviparous mothers

for another season. Beaumur has proved that one individual in five generations may become the progenitor of 6,000,000,000. As there are many generations in one season, it is easy to infer that a few are sufficient to breed numbers great beyond comprehension. A single pair of grown weevils have produced 6,645 of their kind from April to August. Curtis says that one female might in twelve months produce 16,000,000 caterpillars. With such powers of reproduction, it is no wonder that insects become very destructive. It has been estimated that the cotton worm alone in the United States caused a loss in 1873 of \$37,500,000 worth of cotton, and that the same year the depredations of insects destroyed \$25,000,000 worth of wheat. The President of the Missouri State Horticultural Society estimated the annual loss in that State from insect depredations at \$60,000,000. In his book, entitled 'What I Know of Farming,' Horace Greeley says: 'If I were to estimate the average absolute loss to the farmers of this country from insects at \$100,000,000 per annum, I should doubtless be far below the mark; I have no doubt that our best allies in this inglorious warfare are the birds. They would serve us if we did not destroy them. The boy who robs a bird's nest is robbing the farmer of a part of his crops. The farmer might as well consent that any strolling ruffian should shoot his horses as his birds.'

FARMERS SHOULD MAKE FRIENDS WITH THE BIRDS.

"Every farmer should try and be on friendly terms with all the birds, and endeavor to induce as many as he can to make it their home on his premises. The placing of boxes in trees for birds to build their nests in, giving the swallows access to his barn, in which to build nests, and allowing hedges to grow up in waste places to serve as a retreat for the birds, will serve to increase the number of birds on the farm. With a large number of birds constantly with him, the farmer has excellent assistants in fighting insect pests. In the museum of the Department of Agriculture, at Washington, are exhibited the contents of a large number of the stomachs of birds, which show that their principal food is insects, with only a little fruit and seeds for variety. Swallows feed upon grasshoppers, flies, butterflies and beetles, capturing them while on the wing as well as anywhere. Belon asserts that the 'swift' swallow can see a fly 600 yards distant. Bradley says that a pair of sparrows will destroy 3,360 caterpillars for a week's family supplies. An observer, watching the nests of the thrush, counted 206 visits during one day to feed the young. Owls are the best of mousers, and speedily clear barns and outhouses of them. Woodpeckers are constantly and laboriously piercing the bark of trees in their search for hidden insects, and generally find one wherever they drill for them. The spotted woodpecker has been seen to probe the hiding place of the borer in the peach tree, bring forth the borer and destroy it. Flagg has counted seventeen caterpillars eaten by a golden robin in a minute, which would be at the rate of a thousand daily, provided one hour out of each twenty-four were spent in supplying his own wants. He does not eat the whole caterpillar, but tears it open, and takes out a dainty morsel from the middle, and throws the rest away. In this way a large number are required to furnish this epicure with a substantial meal. A curious calculation, founded upon careful observation, has been made, showing that a family of jays, with five young ones, for a season of one hundred days, would require 20,000 insects. The robin, although often persecuted because he eats a few cherries occasionally, is one of the best friends the farmer and gardener has. He destroys large numbers of cut-worms, grubs of various kinds,

and other insects. A family of young robins will eat more than their own weight daily in worms. Since robins rear two or three broods in a season, it is evident that for their own support, and that of their young, a single pair will use a large number of insects. It is a great benefit to the garden to have a few robins' nests in the near vicinity. In fact, all the birds are more or less useful to the cultivator of the soil. It will be found that where there are the most birds, there will be the least destruction by insects.

RESULTS OF DESTRUCTION OF BIRDS.

"The effects which have been observed to follow the destruction of birds are quite instructive, as teaching by example what are the disastrous results when the birds no longer aid the farmer in protecting his crops from the insect pests. Prof. Jenks says that in Bridgewater, Mass., about 1820, on election day, the occasion of the usual shooting match, birds were killed in such numbers that they were sold by the cartload to the farmers for fertilizers. The resulting scarcity of birds was soon followed by a decay of herbage and foliage. Tufts of withered grass appeared and widened into circles, sere and scorched, destroyed by the larvae of insects. The farmers saw their error at harvest, in the bitter ordeal of experience, that living birds were worth more to them than dead birds for fertilizers. Flagg alludes to forest tracks in Virginia and Carolina in which hundreds of acres were denuded by a species of borer, where a local warfare had been waged upon the woodpeckers, which had been thought to be the cause of the injury to the trees, while in fact they were doing all they could to save the trees by killing the borers that were at work on them. Some people even to-day believe that the woodpeckers are 'sap-suckers,' and injure the trees by sucking the sap! Wisdom should be learned by experience. Farmers should regard the birds as their best friends, and see that they are protected and increased in numbers."

Dante's Inferno

Is prolific in tortures, but dyspepsia, a malady to which Hostetter's Stomach Bitters is adapted, furnishes a quiver full of them. Nausea, heartburn, biliousness, wind on the stomach, heart palpitation and many more manifestations characterize this protean malady. Each and all are dispelled by the Bitters, which also eradicates rheumatism, kidney trouble and malaria.

No man ever finds out how hard his wife is to please until he begins to build a house.

About this season of the year many of the boys and girls from the farm are looking around for a first-class school to attend during the winter. Such a school is Campbell University, Holton, Kas. If you wish to take a college course, prepare for teaching or business, or take a course in music, art, penmanship, or shorthand and typewriting, this is the school for you. Charges very reasonable. The next term will begin November 10.

E. J. HOENSHEL, President,
Holton, Kas.

Pleasant Employment at Good Pay.

The publishers of *Seed-Time and Harvest*, an old established monthly, determined to greatly increase their subscription lists, will employ a number of active agents for the ensuing six months at \$50 PER MONTH or more if their services warrant it. To insure active work an additional prize of \$100 will be awarded the agent who obtains the largest number of subscribers. "The early bird gets the worm." Send four silver dimes, or twenty 2-cent stamps with your application, stating your age and territory desired, naming some prominent business man as reference as to your capabilities, and we will give you a trial. The 40 cents pays your own subscription and you will receive full particulars. Address, -

SEED-TIME AND HARVEST,
La Plume, Pa.

25 cents for a box of BEECHAM'S PILLS worth a guinea.

The Stock Interest.

THOROUGHBRED.

By H. M. Kirkpatrick, read before the Improved Stock Breeders' Association, at Topeka, September 14, 1891.

This apology for a paper will be brief, and it will be better so. Time, I found so scarce and passing so rapidly that I have postponed this task until the last hour, and am now stealing this time from wife and children. (Sunday is theirs).

The man engaged in commerce looks upon farming and the care of stock as a lower order, requiring a less degree of skill, less brain-work and more muscle than the avocation in which he is engaged, and is disposed to pay for the products of the farm on that basis. I agree with him as to the quantity of muscle, but not as to the skill. This would not interest us if it did not enter into the matter of values of farm products. I speak from experience on this question. I have engaged in both. From 1873 to 1880 I was actively engaged in commercial business, (in a firm of which I was the senior member), whose annual gross transactions aggregated over two millions of dollars annually, yet there never was a time that I would have felt the loss of the time required to write you this short paper as I now do when engaged in stock farming. As to skill and brain-work, I know that with the same capital engaged in the one as the other it requires greater skill, and more work for the brain in my present business by one-half than the other. The forces of the brain have the credit of commanding the greater wages. They do as a rule. Do they in this case? I raise the question, but will not at this time undertake the answer.

But my subject, the thoroughbred. Abstractly this means, "bred from best blood," fully bred or accomplished. As applied to domestic animals, it means, as I take it, bred in a blood line to a certain standard—presumably the best standard—until, by nature's ways, the animals so bred become prepotent to that standard, so that they are capable of reproducing these qualities in the offspring. Technically, the word is applied only to the race horse. This is unfair, however, for the reason that there are other animals just as thoroughly bred and as prepotent as the race horse. Now, I apprehend, you are all saying to yourselves, and may in a few instances have whispered it to your neighbor, that "this is the old thread-bare subject, and I agree with you; but, gentlemen, don't let us treat it in the old form. I want to take the word in its abstract sense—"bred from best blood, fully bred or accomplished." I want to do now as the revivalists in the pulpit do—to talk to each of you personally, brothers. You are breeding and raising thoroughbreds. Are you, yourself, a thoroughbred? If we apply the name to the breeder, instead of the breed, we will have a man bred from good blood—commonly speaking, well-bred. It has always been considered a mark of distinction to be called a "blue blood." This is simply another name for thoroughbred. "Blood will tell," just as surely in the human animal as in the domestic one. We cannot control the blood in our own veins, it is true, and if it should so be that we are not fully bred from the best blood our case is not as hopeless as would be that of the dumb animal. They have instinct only, and we have intellect or brains. The man has the faculty of cultivation into himself qualities inherited by others, so that if not fully bred, he may assume the role or acquire the ways of the well-bred. So, gentlemen, I believe I am not overstraining the point when I make this turn from the animal to the human and raise the question: Can a man succeed in raising thoroughbred domestic animals unless he is himself a thoroughbred? And can he dispose of them to his much profit? Can he bring honor and credit to the business he is engaged in, unless he is himself fully bred or accomplished? Would not the business in which we are engaged prosper better were all purely bred or so acting? How many of us have thoroughbred marks all over our farms? Oh, I will take my own medicine. My own farms will convict me. I know breeders of blooded stock, that outside of the special kind they are breeding for sale, have the poorest kind of scrubs. I believe they should set an all-round example of the advantages of pure-bred stock. It is as true of one kind as another. Education

of the people to the value of the improved breeds is what we want to accomplish. They have all heard that they were better and more profitable. We must show them that they are better. Seeing is believing, and they naturally look to the professional farms for this evidence. Where else can they go?

I believe, gentlemen, it is the duty of every man who breeds any breed of cattle, sheep, swine or horses for sale as breeding stock, to follow his precept with his example, and let the "scrub" go, not only with the kinds he may be making a specialty of, but of all the domestic animals on his farm. You raise Holstein cattle for sale, and you tell the prospective buyer it does not pay to raise or keep a scrub cow, yet that neighbor or visitor can look right over into your pig-pens, your sheep pasture and chicken yards, and see the veriest "scrubs." I believe it would add largely to sales of blooded stock—to others than ourselves—if every breeder who makes a specialty of any kind or kinds of stock would be consistent, and even for his own household use raise pure-bred stock, even down to a Maltese kitten.

Then are we thoroughbred in our treatment of customers? Recently I received a letter from a breeder of Poland-Chinas, living in the State of Missouri. He said he wanted a better pig than he had. He could not come to see the pig, and wanted a very full description of him. That he had bought two pigs of different breeders in Kansas, and the pigs were both so poor he would not use them. That he would try but one more breeder in Kansas. Within the last three years I bought in the far East some cattle of a breeder. In our contract he was to pre-pay the freight. I paid for the cattle before they were shipped. The cattle came and I found the freight had followed them. I telegraphed the man that I would not receive the cattle until the freight was paid, according to contract. He answered by wire to pay freight and he would remit me on receipt of expense bill. I complied with his request and sent him the bill, but from that day to this not a dollar or a word have I received from him in answer to my several letters. Is he a thoroughbred? Another refuses or neglects to send certificates of pedigree, for month after month, until sharp words have to be resorted to before he can be aroused to the performance of his duties. Another gets an order from a distance for a young bull or a pig or a ram. Now, here is a pig, for instance, that he can not sell to a visitor. It is not fit for a breeder, it is true, but he has the money, and the pig goes away off then. Times are hard and the price the man is willing to pay is only a little above what the pig is worth for pork, so I will just ship the pig and take chances on him being able to kick this far. These are only a few of the many instances we might mention to illustrate our point.

You may say, "such conduct on the part of a breeder will surely bring retribution upon his own head." But it does not stop there. It brings discredit upon the whole fraternity of breeders and is re-actory upon all who may be engaged in a like business. We are, therefore, interested in the conduct of all breeders of reputed pure-bred stock.

Courage, stamina, perseverance and endurance, I believe to be some of the leading characteristics of a well-bred animal. Will it not be profitable to apply these tests to ourselves? Have we all that degree of courage to practice what we preach, and go into our herds with the well-sharpened knife and cut to the line we have already drawn, no matter how needy we may be for the money the sale of these questionable animals would bring? It is so easy to preach and so difficult to perform. I take the lesson home to myself. It is unnecessary for me to argue to the question of the advantage it would be to all breeders, if a thorough and universal system of eliminating from the breeding market all inferior animals. You all believe in it, and would be willing, I know, to have every other breeder in the State go into his flocks and herds and cut right and cut left, and should he by accident destroy the breeding function of a really good animal, you would have no great sorrow for the dead.

Have you the courage of the thoroughbred? Have you the stamina that will help you to do the right thing at the right time in pursuance of your conscience for

your good and that of the fraternity, whether describing an animal for sale or sitting in judgment on my sheep and cattle at the Topeka fair?—no matter if your particular friend has one in the same class? Have you the perseverance that will enable you to push your way along to the top, breeding only to the standard of your ideal, failure after failure buffeting you about? Have you the endurance to weather the storm of low prices and hard times, the age of class legislation, and fight to the end for their improvement. If so, you are a thoroughbred.

National Swine Breeders' Association.

EDITOR KANSAS FARMER:—On account of the great and growing interests in the home and foreign trade in pork products, it is desirable that the meeting of the National Swine Breeders' Association, to be held in Chicago, Ill., on the 17th day of November next, be largely attended by representative breeders and feeders, and especially that the several record, State and other associations interested in the breeding and feeding of swine, be fully represented at that meeting.

An earnest effort on the part of associations, as well as individuals interested in the swine industry, will make the National Swine Breeders' Association a power for good in all matters that pertain to this, one of the greatest industries of the country.

By placing the national association on the high plane that its importance warrants, your and similar associations will be greatly benefited, and the advantages resulting from its operations will extend to every one interested in pork products.

In view of the importance of proper and united action in matters pertaining to the swine exhibit at the coming Columbian Exposition, and to aid in securing whatever may be needed in extending the home and foreign trade for our products, a full and effective organization of the forces engaged in this business should be completed without delay.

Your association is respectfully invited to appoint representatives to attend this November meeting of the National Swine Breeders' Association to aid in placing it on an effective basis.

The undersigned will be pleased to receive, at as early a day as is convenient, the names of the delegates appointed to represent your organization at that meeting, and will be glad to have any suggestions that you will offer as to the course that should be pursued for placing the National Swine Breeders' Association in position to do the most good.

JNO. G. SPRINGER, Sec'y.
Springfield, Ill.

Topeka Capital: As a good deal of interest has been manifested as to the breeding of the yearling filly, Mary, that won the \$1,000 stake at the State fair, it is pleasant to learn that Mary, her sire, dam, and paternal grand dam were all bred in this county, and the sire of her dam, although bred by one of our breeders in Orange county, New York, was raised here also. This is said to have been the hardest contested race for yearlings on record, and among its nine starters the only two Kansas colts that were able to stay and trot the last heat were both grand descendents of Robert McGregor. The other colt that also finished in the race belongs in Nebraska, and is sired by a son of Lord Russell, a brother to Maud S., 2:08½. Mary traces five times to Rysdyk's Hambletonian, three times to Seeley's American Star, and is, as can be seen, strongly inbred.

Kansas City Journal: The man who says that western Kansas is not a good country should step down to the stock yards and see the fine specimens of cattle brought in from beyond Dodge City. Finer ones cannot be produced from anywhere.

Caton Stock Farm.

A. L. Thompson, Sup't Caton Farm, Joliet, Ill., remarks: "I inclose you amount for six bottles of Quina's Ointment. After one year's trial must confess it does all you claim for it." For Curbs, Splints, Spavins, Windpuffs or Bunches, try it. Trial box 25 cents, silver or stamps. Regular size \$1.50 delivered. Address W. B. Eddy & Co., Whitehall, N. Y.

Many a man is flattering himself that he is getting ahead, when it is only a head that he is getting.

CHRONIC MALARIAL DISEASES.

Periodical Neuralgia Caused by Malarial Poison.

The Greatest Remedy of the Age for Fever and Ague, Chills and Fever, and all of the Irregular Forms of Malarial Diseases.

Extract from a Lecture by Dr. S. B. Hartman, of Columbus, Ohio.

Malarial headache (or hemicrania) is a pain extending above the eyebrows around the head, with regular intervals, coming on about 1 or 2 p. m., growing more severe from 4 to 5 p. m., and finally disappears after sundown. It may occur in the morning, or at noon, and in some cases at sunrise, increasing until noon, gradually disappearing in the afternoon, giving a perfect intermission during the night.

Malarial neuralgia generally attacks one side of the face or head, either the temple or above one eye. The regular appearance and disappearance of the neuralgia is precisely the same as in other forms of malarial disease, presenting a regular recurrence and distinct interval of relief. It may also attack any other part of the body—face, teeth, shoulder, muscles of the chest, etc. Whenever a pain is caused by malaria it has either a distinct intermission, as in intermittent fever, or a remission, as in remittent fever.

A lady called to see me some time ago who was complaining of a most excruciating pain in her right knee, which returned at 2 p. m. and continued with great severity till 6 p. m., gradually lessening, entirely ceasing at 10 p. m., returning the next day at 2 p. m. This had been going on for two months without cessation. She had been treated with quinine in small and large doses; had cut and blistered the knee; used electricity and many varieties of liniments. It was a typical case of malarial neuralgia of the knee. I ordered her to take, during the intermission, a wineglassful of Pe-ru-na every two hours until four doses were taken, after which a tablespoonful every hour during the remainder of the intermission, until the time for the next spell had passed. And when the disease stopped a tablespoonful every two hours during the day for ten or fifteen days, or until the cure should be certain to be permanent. This treatment is exactly what I would advise in all of the above-described cases. It will cure every case. Also in all cases of chills and fever or other malarial diseases when there is a distinct intermission. In cases of indistinct malaria, without any positive chill or fever, Pe-ru-na should be taken as directed on the bottle.

For a complete treatise on Malaria, Chills and Fever and Ague, send for The Family Physician No. 1. Sent free by The Peruna Medicine Company, Columbus, Ohio.

Bargains in Books.

We have a stock of very valuable and salable books which we will sell at *one-half the usual selling price* to readers of the KANSAS FARMER. These books are the remainder of a large lot which we bought for cash, and in order to close them out soon we make a *special price* on them as follows:

"A NORTHMAN SOUTH," or the Race Problem in America, by a Northern man who spent many years in travel and life in our Southern States. A history of the colored brother, his present condition, and what to do with him. Paper, 10 cents.

"THOUGHT AND THRIFT."—A book of 358 pages, on subjects in every letter of the alphabet for all who labor and need rest—a looking forward, by Joshua Hill. Price in paper 30 cents by mail, or in cloth 60 cents.

"LADIES' GUIDE TO NEEDLE WORK AND EMBROIDERY."—This book is what its name indicates and is very useful to the lady members of the family. It contains 158 pages, will full descriptions of all the various stitches and materials, with a large number of illustrations for each variety of work. In paper 25 cents, postage paid.

"HINTS ON DAIRYING."—This is a nice little volume in flexible cloth cover which treats the subject in a practical way in chapters as follows: Historical, conditions, dairy stock, breeding dairy stock, feeding stock, handling milk, butter-making, cheese-making, acid in cheese-making, rennet, curing rooms, whey, etc. Price 25 cents, postage paid.

Address all orders to
KANSAS FARMER CO.,
Topeka, Kas.

Alliance Department.

MOST CRITICAL PERIOD.

EDITOR KANSAS FARMER:—Now is the most critical period of our country's history since the great fratricidal civil war. That God holds special guardianship over the destiny of this country hardly admits of a reasonable doubt. Viewed in the light of all her successes throughout more than a century of glorious existence, this theory commends itself to all who are willing to accept actual demonstrative evidences as proof of any proposition. Never has she been engaged in war (the last tribunal to settle all disputes) but what victory has crowned her efforts, no matter whether she was weak compared with her enemy, or whether she was strong, in every contest the result has always been the same. The clinching argument in favor of the proposition laid down at the outset may be found in the result of the great internal struggle—such as the world never before witnessed. But she passed through that phenomenal period with the same bright victory perched upon her brow that was her wont in all former struggles.

But the great contest which no country in all the ages past has ever escaped is now upon this, our own beloved country. And as all the contests in past ages dwindle in comparison with the one upon which we, as a nation of freemen, are about to enter, it is well to begin to look square in the face the actual condition of affairs. In a "free country" is not the natural source of wealth producing the rightful recipient of its blessings? Is it so in America to-day? For example, we will only use one class of wealth-producers, but will endeavor to let that be the largest class of the country. I believe it is universally conceded that the agriculturist belongs to that class, and upon his avocation depends the largest amount of wealth and prosperity known to the American government. Well, now, what is the status of his calling to-day? As every intelligent person knows, who has taken pains to investigate, the shrinkage is enormous in farm property, while at the same time the general wealth of the country has increased at a wonderful rate. Now on the surface this condition of affairs don't appear to threaten to any serious extent our institutions; but when looked upon from a standpoint of justice and of harmony—that is to say, wherein all interests are equal under the law, and each and every individual prospers according to his merits and honest efforts without infringing upon the rights of others—then it can readily be seen where the danger lies. The stupendous danger may be found in the fact that individuals in this country have banded themselves together in the uniting of their capital in railroads and other large corporations, which has enabled them to gain very advantageous positions, and their influence has gradually grown until the very law-making power of our country has been made to do their will; and in the eastern part of the continent, where the wealth has accumulated (most by reason of that being the head center of these large corporate bodies), almost every individual, let him be great or small, appears to be under control to a greater or less extent of this phenomenal money influence; and if an attempt is made to relieve the distressed condition of the business affairs of the country by the representatives of the masses, men in whom the people had a right to confide, seem to be under that same money influence. This state of affairs brings the seriousness of this great question face to face with the masses, and places the coming contest among the great living questions that our republic has to deal with at present. A large proportion of our citizens believe that by enacting a law authorizing the free coinage of silver it would give the country the needed relief. This same money power, which has grown so stupendous, has shown on all occasions when our Congress has made any move in the direction of our money supply an extreme sensitiveness and opposed any such move at every point. In the light of the fact that the large wealth-owners of the country are steadily gaining ground, and that the largest wealth-producing classes are losing ground, is it not the imperative duty of the latter class, as well as their inherent right, to resort to any reasonable measure, so long as it is indorsed by the masses, in order to give the country relief

and save an impending calamity such as has ever befallen all countries in the past, which would not avert the dangers, and use their God-given powers against usurpers.

The agriculturist has builded a mighty monument to the greatness of this queen among republics. This very year she is feeding the starving millions of the old world, and was it not for her the direst sufferings and ghastly starvation would be stalking throughout all of Europe. And yet the men and women who have produced this mighty store of food product to feed the world are told by the horde of money-changers of the country that they ought to be satisfied with a system of finances that is causing a continual shrinkage of every material interest that is sacred to them, in comparison with an advancing wealth system of the favored classes.

Yes, the contest is upon us, and the mightiest world has ever witnessed. The conditions are ripe for such a contest; and in line with the glory of this country all along her pathway, since her earliest existence, who can doubt the final result? Lathrop, Mo. H. J. PAWLEY.

Land Loan and Sub-Treasury Plans.

EDITOR KANSAS FARMER:—I am in receipt of one or two letters of inquiry asking just what I meant by the statement in the KANSAS FARMER, that "under the operation of the land-loan and sub-treasury plans the money will be based on land and loaned at a low rate of interest upon grain receipts." I will endeavor to explain my position and meaning.

The Ocala platform demands the speedy increase of the currency of the people to \$50 per capita. This increase would necessitate the immediate issue of about \$2,000,000,000 in treasury notes, and an issue each year, in order to correspond with the increase in population, of, say \$80,000,000. Now, my idea is, that this money, when first uttered or issued (put into circulation), should be loaned upon real estate worth double the face value of the note or bill. If a part of the principal was made payable each year, the receipts from this source and the \$80,000,000 needed and issued each year to accommodate increase in population would provide an ample fund to fill demands for real estate loans, so that each dollar, when first issued, would be based on real estate or land.

I should have the inscription on the back of these notes or bills read somewhat after this fashion: "This bill is secured by a mortgage bond upon real estate worth double its face value. It is a legal tender for all debts and dues, public and private, and may be invested in United States savings bonds, drawing — per cent. interest, at any United States bank, if presented in sums of not less than fifty dollars and deposited for a period of not less than — months."

Now, then, having uttered or issued this money in the above-described manner, the People's or United States banks are prepared to receive such money upon deposit, giving to depositors who deposit money subject to check absolute security, and to time depositors a small rate of interest as well as security. It shall be the duty of these banks, through a central bureau in each State, to keep \$50 per capita loaned out at all times upon real estate—no more, and if demanded, no less. As this money is deposited, the People's banks shall loan to the people, as individuals, this money so deposited, at 2 per cent. interest, upon chattel and personal security, which will of course include grain elevator and warehouse receipts. Thus we please the intrinsic value basis men, the land currency men, the sub-treasury men, and all other reasonable individuals. GEO. C. WARD. Kansas City, Mo.

Notice of Alliance Barbecue and Picnic.

The following committees have been appointed for the demonstration and barbecue in Topeka on the 30th inst.:

Marshal of parade and demonstration, C. J. Stanley; assistant marshals, G. G. McConnell and L. S. Harvey. Line of march and details of demonstration will be arranged by the marshals.

Committee to arrange and prepare grounds, S. W. Coombs, T. A. Grange, L. T. Yount, W. H. Smith, J. P. Nevils, F. J. Hudson, Wm. Dennis, John Dillon, G. W. Ell, C. W. Marsh, Frank Wolfe, Mark Isser and Peter Pucker.

To superintend tables, Mrs. J. G. Otis,

Mrs. D. I. Furbeck, Mrs. I. W. Pack and everybody else's wife and daughter.

The central committeeman from each precinct is constituted a committeeman to solicit fruit, provisions and oxen to feed the multitude and to report at next meeting.

All of the above committees are requested to meet with the county central committee on next Saturday, at 1 p. m., at 711 Kansas avenue, when further action will be taken.

Reduced rates have been granted on all railroads from points within fifty miles of Topeka.

W. H. BENNINGTON, Secretary.

People's Party Lecture Bureau.

The People's Party Lecture Bureau has contracted with the following speakers to address the people upon the vital political questions of the day from now until the date of election. Most of them are well known as speakers of extraordinary ability, a few of whom have a national reputation.

In making application for speakers, committees are requested to designate first, second and third choice, etc., in this list, and enclose with letter to this bureau. Congressman Otis will only charge his constituents actual expenses. All others can be secured at \$10 and expenses.

Hon. J. G. Otis, Topeka; Hon. W. H. Utley, Parsons; B. J. Dreesen (German), Lawrence; Prof. J. C. Cline, Minneapolis; Dr. J. H. Oyster, Paola; Rev. B. F. Foster, Topeka; W. L. Brown, Kingman; D. E. Kinsey, Kingman; Nels Anderson (Swede), Topeka; Rev. James De Buchannane, Delphos; Hon. Noah Allen, Wichita; Johnson Clark, Kansas City, Kas.; W. J. Nickelson, Paola; Judge Hiram Stevens, Paola; W. H. Bennington, Topeka; A. B. Montgomery, Goodland; Rev. James Lathrop, Topeka; L. H. Tibbetts, Courtland; Dr. I. I. Arnold, Erie; D. J. Cole, Hutchinson; Mrs. F. R. Vickery, Emporia; "Greenback" Williams, Concordia; Thomas W. Gilruth (President National Citizens' Industrial Alliance), Kansas City, Mo.; Mrs. Fannie McCormick, Great Bend; R. M. Chenault, Fort Scott; H. N. Gains, Salina; V. H. Biddison, Marysville; C. H. Whittier, Cherryvale; Mrs. C. Ingersoll Tucker, Minneapolis.

Others will be added from time to time.

J. B. FRENCH, Manager,
Topeka, Kas.

Education is the rudder which guides the great ship of state in safety through the great seething sea of trade and commerce. With the educated farmer at the helm, the affairs of state would prosper and our free institutions ultimately reach the zenith of their glory.

The Grange and Alliance are families where the father's manhood, the mother's devotion, the brother's affection and the sister's love are so cultivated and developed that they reach out beyond the purview of the family circle and embrace with fraternal kindness every member of the order.

The National Grange is on record through all the years of its history in favor of a plentiful supply of money for the use of all the people of our country, and against the control of money by a few special classes who have it in their power to depress the price of land and all its products, and the products of other labor as well.

However much farmers and laboring men in their several organizations may differ upon other matters, it is a good sign that without exception, all the farmers, laborers, and workingmen's societies in the United States have placed the demand for the free coinage of silver in their national platforms, and have recorded themselves squarely on the side of more money and no middlemen to control its supply. All agree that at least \$50 per capita should be the limit, and that the supply of currency should increase in proportion to the increase in population. It is a well-known fact that the best times the farmers had, and when they made the most money, was in 1865, when we had a currency of \$56 per capita.

Go and do likewise. If your whiskers are grizzly and unbecoming use Buckingham's Dye and they will look as when you were younger.

Send for catalogue and specimens of penmanship. Topeka Business College, 521 and 523 Quincy St., Topeka, Kas.

SENATOR PEPPER'S NEW BOOK, "THE FARMER'S SIDE."

In response to a general demand, Senator Pepper has prepared a statement of grievances presented by farmers and their fellow-workers in other departments of labor. The complaint, roundly stated, is this: That while they produce all the property of the country, it is fast being absorbed by the wealthy classes, as is shown in late census reports: Massachusetts, with 8,313 square miles of territory and 2,250,000 population, increased her assessed valuation during the ten years following 1880, \$10,000,000 more than did nine great agricultural States—Indiana, Illinois, Iowa, Nebraska, North Carolina, Georgia, Alabama, Mississippi and Louisiana, with an area of 485,385 square miles and 16,250,000 population. Pennsylvania, New York and Massachusetts increased their assessed valuation, during the same years, more than one-half as much as all the rest of the country.

The book is entitled "The Farmer's Side"—a suggestive title—intended to present the farmers' view of the present depression of agriculture, its cause and the remedy. In doing this, the author has condensed a vast amount of important statistical and historical information into a few hundred pages. The book reads like a romance, opening up a mine of interesting and instructive facts on every page. It treats the subject-matter from the standpoint of comparison—comparison with railroading, banking and manufacturing. Statistical tables are given—made up from public records—relating to all these subjects. The tables on production and value of farm crops, during many years, are full and complete, showing how much the farmer has fallen behind, and why. Our recent financial history is shown in copies of the laws relating to circulation, currency, coinage and bonds since 1861, with tables giving details. The philosophy of money is discussed clearly, and the destroying power of interest is treated with peculiar force. The reason why the "rich are growing richer and the poor poorer," is made plain to the most common understanding. This book will make clear to many minds what has heretofore been seen but dimly. Quoting from a circular issued by the publishers: "In a clear, forcible style, with abundant citations of facts and figures, the author tells why the farmer reached his present unsatisfactory condition. Then follows an elaborate discussion of 'The Way Out,' which is the fullest and most authoritative presentation of the aims and views of the Farmers' Alliance that has been published, including full discussions of the currency, the questions of interest and mortgages, railroads, the sale of crops, and other matters of vital consequence."

This book will have a wide sale, and will exert a powerful influence on the politics of the country, for it is the only work which pretends to cover this particular field. It is the most powerful arraignment of the "money power" ever written, and its array of testimony is overwhelming. To students of present social and political conditions it will be a storehouse of useful information, to lecturers it will be indispensable, and to everybody it will be a guide and a helper in studying the most interesting topic of the times—the "Farmers' Movement," a wise counsellor in the various stages of the great industrial revolution now in progress.

"The Farmer's Side" is copyrighted and published by D. Appleton & Co., of New York, one of the most extensive book-publishing firms in the United States. It is printed in full, clear type, on heavy paper, well bound in cloth—a neat, handsome book, fit for any library, and is sold at retail for one dollar a copy. It may be ordered through this office, or we will send one copy and the KANSAS FARMER one year for \$1.75, or a copy will be mailed free to any one sending us a club of four subscribers and \$4.

Any person in Kansas or the Southwest desiring a copy of "The Farmer's Side," or an agency for the same, should write to this office.

Every tissue of the body, every nerve, bone and muscle is made stronger and more healthy by taking Hood's Sarsaparilla.

Attend the Topeka Shorthand Institute 521 and 523 Quincy St., Topeka, Kas.

Attend the Topeka Business College 521 and 523 Quincy St., Topeka, Kas.

Gossip About Stock.

Six cars of sheep were shipped on October 6 from the Kansas City stock yards to Thayer, Kas.

Aluminum shoes are used extensively on trotters and pacers now, and although they cost considerable, they are lighter and protect the foot as well as iron.

The Drovers' Telegram claims that Kansas City is the biggest feeder market in the United States, and says that any one familiar with the facts will admit it.

Every farmer should raise a few mutt-tons, for his own table if not for market. Then again, better have a small number of sheep and better ones, than a large flock of scrub sheep poorly cared for.

Col. W. A. Harris, of Linwood, Kas., has sold a young Cruickshank Short-horn bull, a light roan, eight months old, a son of Princess Alice by Craven Knight, for \$350, to M. B. Blish, Kewanee, Ill.

At the four leading Western markets the receipts for the nine months ending with September show a shortage from last year of 434,938 cattle, and a gain of 51,467 hogs and 4,860 sheep. The trifling gain in hogs is due, of course, to Chicago.

Compared with the corresponding period of October 15, 1890, receipts at the Kansas City stock yards show the following daily average: A gain of 727 cattle, 165 calves and 382 sheep; a loss of 335 hogs. The gain for the month to date is 8,752 cattle, 1,988 calves and 4,500 sheep, and the loss of hogs, 4,022 head.

The recent very heavy movement of feeders to Kansas certainly indicates that the great Sunflower State will be in the cattle business, for a few months at least. Fat cattle is what the market needs, and we have no objection whatever to the grass and corn of Kansas supplying the bulk of such a demand.

Stewart & Cook, of Wichita, representative breeders of Poland-China swine, want it distinctly understood that they can not and do not breed for sale pigs for \$10, but will sell at reasonable prices first-class stock. Recently they sold for cash seven pigs of their own breeding for \$180, nearly \$26 each, and that is the kind of trade they cater for.

The Drovers' Telegram says that farmers, when they wish to raise immense hogs, should let the young pigs run during the summer and eat soft feed. This makes them long in body and legs. Then in the fall they are driven into a pen, and their feed is changed to corn. A big-framed hog will take on two pounds of flesh every twenty-four hours on corn feed.

J. S. Risk, of Weston, Mo., one of our regular Poland-China swine advertisers, has enlarged and otherwise strengthened his establishment by taking in a partner, and hereafter the firm will be known as Risk & Gabbert, who report a recent sale of the boar, Jim Dandy, for \$100, to Finley & Wilson, Smithville, Mo. This firm has an unusually fine lot of fall pigs for sale sired by Royalty 1686, Gov. Cleveland 480 and Tariff Reform 1422.

On November 25 the great event of the season among Clydesdale fanciers will take place at Alexis, Ill. On that day Robert Holloway will hold a public sale (his eighth annual) of pure-bred and imported Clydesdale stallions and mares. The offering will be large, and Mr. Holloway's experience and reputation as a Clydesdale importer and breeder is so well and favorably known that all who will attend may be sure of a chance to obtain excellent animals at fair prices. Note description of stock offered in advertisement on another page of this issue.

Our Chicago manager attended the auction sale of Geo. Breck, and reports the sale of Shropshire sheep at The Willows stock farm, Paw Paw, Mich., was attended by about 200 farmers and stockmen. The weather was good, and the sheep generally in good, fair working condition. The hot weather, however, has made it almost impossible to put the rams in good sale condition. One hundred and twenty-three sheep were sold under the hammer, the imported ewes selling at an average of \$37.50, and the three and four-year-olds at an average of \$26. The ram lambs averaged \$24, and the ewe lambs \$21.25. The yearling home-bred ewes averaged \$27. The buyers were mostly for cheaper sheep, and some of the best imported ewes had to be passed out. This may, in part, be accounted for from the fact that it is yet early for the trade in ewes. The sheep

sold are scattered over the adjoining States of Ohio, Indiana and Illinois. The experience of this sale would indicate that 200 are too many sheep to offer at one sale. While the sale was not all that Mr. Breck might wish, he will continue his annual auction sales, and try and profit in the future by his experience this time.

Mr. Eugene Fifield, breeder of Hereford cattle and Shropshire sheep, Bay City, Mich., reports to our Chicago manager that his Herefords and Shropshires have done well at the fairs this fall, and won for him best prizes at every show. Mr. Fifield has an enviable reputation among the breeders of Michigan, and we are glad to note his success in showing this fall. Both Shropshires and Herefords are popular breeds in their respective kingdoms, and the growing demand for both mutton and beef makes it important that our readers should investigate them.

Mr. Geo. McKerrow, of Sussex, Wis., is one of the best posted sheep men in that State. For the past fifteen years he has been very much interested in the leading breeds of sheep, and at the present time has over 300 head of Oxforddowns, Southdowns and Shropshires. Our Chicago manager visited his farm recently, and reports very flatteringly about Mr. McKerrow's methods of caring for and dealing in sheep. His herd at the present time contains more Oxforddowns than anything else; his recent large purchase of selections of the best flocks in Canada are selling very rapidly. Mr. McKerrow is honorable in his dealings with men, courteous to visitors, and sells good stock.

While returning from Geo. E. Breck's auction sale, Paw Paw, Mich., our Chicago manager fell in company with Mr. T. A. Bixby, the noted Shropshire sheep breeder of South Haven, Mich. Mr. Bixby was pointed out to him at the sale as being the oldest Shropshire breeder in western Michigan, and our representative naturally had a desire to substantiate the statement with his own vision. He accepted an invitation to visit his farm, and was shown a large herd of well-bred Shropshires on a farm specially fitted for such purpose, and it did not require much time to prove the statement made concerning Mr. Bixby's ability in this direction. Mr. Bixby has thirty-five acres devoted to peach growing and as fine as one would wish to see, and he is in every sense of the word a successful fruit-grower and Shropshire sheep breeder.

We wish to call attention to an educational institution that stands high as one of the most popular and progressive schools in the West. We refer to the Beatrice Business and Normal college of Beatrice, Neb. Those who attend this school will not be disappointed in results or position.

Congressman Otis' Appointments.

Hon. J. G. Otis will address the people of Kansas at the following places on the dates named: Lincoln, October 22. Goodland, October 24. North Topeka, October 26. LaCygne, October 30. Mound City, October 31. Topeka, November 2.

Found, a Stolen Mare.

Found in possession of Jack Sprague, a noted horse-thief, a bay mare, 5 years old, part Clydesdale, 10 1/2 hands high, weight 1,360 pounds, small spot in forehead, left hind foot white, right front foot badly cut on wire—probably been done eight months or a year. Any one knowing anything about the animal or desiring further information, should address J. M. Wilkerson, Sheriff, Topeka, Kas. Papers please copy.

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.

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Lowest rates and every accommodation to borrowers on good farm loans in eastern Kansas. Special rates on large loans. Write or see us before making your renewal. T. E. BOWMAN & Co., Jones Building, 116 W. Sixth St., Topeka.

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Please note carefully the following list of valuable books which we offer for sale. The list comprises a judicious selection of standard books, which we will send, postage paid, on receipt of the price named after each book.

Any of our readers ordering books to the amount of five dollars (\$5) or more will be entitled to a discount of 20 per cent. from the list price; or any one sending us a club of five yearly subscriptions to the KANSAS FARMER and \$5, may select books from this list to the amount of \$1, which we will deliver, postage paid. Any one sending a list of ten or more subscriptions, accompanied with \$1 for each name, we will give 25 cents worth of books for each subscription sent.

This is a rare opportunity to secure first-class books at reduced prices. Every subscriber of the KANSAS FARMER is entitled to our special benefits and offers, which we have prepared for them exclusively.

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The Dog. By Dinks, Mahew, and Hutchinson. Compiled and edited by Frank Forester. Containing full instructions in all that relates to the Breeding, Rearing, Breaking, Kenneling, and conditioning of Dogs, with valuable Recipes for the Treatment of all diseases. Illustrated. 1 vol. vo. Price.....\$3.00

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Jenny June's Practical Cook Book. An established favorite in thousands of families. The recipes in it are all the result of practical experience, and there is beside a useful chapter of recipes for dishes of Hebrew families. Containing 1200 choice and carefully tested receipts, embracing all the popular dishes and the best results of modern science reduced to a simple and practical form. Cloth, \$1.00. Illustrated.

Willford's Original Dialogues and Speeches for Young Folks.—Being by far the most complete of its kind ever issued. This work supplies that palpable need, which has so long been evident in books of this class, that of Dialogues and Speeches adapted to the nature of children. This work contains 19 Original Dialogues and 23 Speeches, especially adapted for children between the ages of 5 and 12 years. 160 pages. Paper cover, Price.....25 cts.

Cushing's Manual.—Revised Edition, with Additions and Corrections. No one who wishes to take part in the proceedings of any organized body can afford to do without the help of this little volume; knowledge of its contents alone is a valuable education, and the price is so moderate that no one need deprive himself of its teachings. Also containing the Constitution of the United States and Declaration of Independence. Containing 200 pages. Paper cover. Price.....25 cts. Cloth gilt, Price.....50 cts

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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 Parable.

Said Christ, our Lord: "I will go and see how the men, my brethren, believe in me." He passed not again through the gate of birth. But made Himself known to the children of earth.

Then said the chief priests, and rulers, and kings: "Behold now the Giver of all good things: Go to, let us welcome with pomp and state Him alone who is mighty and great."

With carpets of gold the ground they spread Wherever the Son of Man should tread, And in palace chambers, lofty and rare, They lodged Him and served Him with kingly fare.

Great organs surged through arches dim Their jubilant floods in praise of Him; And in church and palace and judgment hall, He saw His image high over all.

But still, wherever His steps they led, The Lord in sorrow bent down His head, And from under the heavy foundation stones The Son of Mary heard bitter groans.

And in church and palace and judgment hall, He marked great fissures that rent the wall, And opened wider and yet more wide As the living foundations heaved and sighed.

"Have ye founded your thrones and altars, then, On the bodies and souls of living men? And think ye that building shall endure Which shelters the noble and crushes the poor?"

"With gates of silver and bars of gold Ye have fenced my sheep from their Father's fold; I have heard the dropping of their tears In Heaven these eighteen hundred years."

"O, Lord and Master, not ours the guilt; We built but as our fathers built; Behold thine images, how they stand, Sovereign and sole through all our land.

"Our trust is hard—with sword and flame To hold thy earth forever the same, And with sharp crooks of steel to keep Still, as thou ledest them, thy sheep."

Then Christ sought out an artisan, A low-browed, stunted, haggard man, And a motherless girl, whose fingers thin Pushed from her faintly want and sin.

These set he in the midst of them, And as they drew back their garments' hem, For fear of defilement, "Lo, here," said He, "The images ye have made of Me!"

—James Russell Lowell.

The Number of Jews in New York.

The real history of the Jews of New York began about half a century ago, when the comparatively small number of native-born and English Hebrews was increased by German immigration, which continued uninterruptedly until 1861, when it ceased, only to be revived after the war. It was then joined by similar streams from other portions of Europe. The more recent landslide from Russia, which is continuing, has more than doubled the Jewish population within ten years. Some idea of the enormous growth can best be gleaned from a census of the Jews in the Seventh, Tenth and Thirteenth wards, which was taken in August, 1890. The inspectors reported 111,680 souls, which were distributed among 23,801 families, being an average of 4.81 per family. Of the whole number, 60,257 were children, 19,672 of whom, including those under school age, attend schools; 7,396, or 32 per cent., were citizens, 15,075 non-citizens; 11,895 were in New York two years and under, while the average length of time of all in the United States was nine and a half years. As the district embraced in this enumeration, although a crowded section, is but small in extent, the entire Jewish population of the city cannot fall much below 225,000. The latest report of the New York Charities Directory gives forty-six incorporated synagogues, of which number fully one-half are large congregations, occupying their own edifices. The list is manifestly incomplete, because temporary congregations are always organized for the September holidays throughout the city, which count thousands of worshippers. Perhaps the Jewish Day of Atonement bears the most convincing testimony as to the numbers and varied character of the Jews of New York. The closed stores on Broadway and the avenues, the crowds of people going to and from synagogue, the absence of notabilities from the exchanges, the business stagnation in retail and wholesale trade, often on the busiest day of the week, tell a suggestive story. All classes publicly participate in the fast—the rich and the poor, Fifth avenue and Essex street. It is not only the newly-arrived emigrant that, in the best attire of which he can boast,

hastens to a place of worship, often in a small rear room on the top floor of a tenement house, the uptown streets are full of the wealthiest and most fashionable Hebrews, who on that day attend worship, and submit to the traditional custom, which means a rigid abstinence from food and drink for twenty-four hours.—*Harper's Weekly.*

The Girl to be Avoided.

She is the girl who takes you off in one corner and tells you things that you wouldn't repeat to your mother.

She is the girl who is anxious to have you join a party, which is to be "a dead secret;" and at which, because people are very free and easy, you are uncomfortable and wish you were at home.

She is the girl who tries to induce you, "just for fun," to smoke a cigarette, or to take a glass of wine, and you don't know, and possibly she doesn't, that many of the sinners of to-day committed their first sins "just for fun."

She is the girl who persuades you that to stay at home and care and love your own, to help mother and to have your pleasures at home and where the home people can see them, is stupid and tiresome; and that spending the afternoon walking up and down the street, looking at the windows and the people, is "just delightful."

She is the girl who persuades you that slang is witty, that a loud dress that attracts attention is "stylish," and that your own simple gowns are dowdy and undesirable. She doesn't know, nor do you, how many women have gone to destruction because of their love for fine clothes.

She is the girl who persuades you that to be on very familiar terms with three or four young men is an evidence of your charms and fascination, instead of being, as it is, an outward visible sign of your perfect folly.

She is the girl who persuades you that it is a very smart thing to be referred to as "a gay girl." She is very, very much mistaken.

And, of all others, she is the girl who, no matter how hard she may try to make you believe in her, is to be avoided.—*Ruth Ashmore, in Ladies' Home Journal.*

Secrets of Happy Wedlock.

Respect each other's individuality. Do not try to mold the other's ideas, or principles or manners to the pattern of your own.

Seek to influence each other only by the power of higher example.

By your worthiness and culture make the other proud of you, and do not feel that marriage gives you any right to demand, or dictate, or criticize.

Maintain and allow the same freedom that exists between good and pure friends. Never ask personal questions nor seek explanations, for you are not a hundredth part as responsible for each other as you are apt to imagine.

Let your love be founded in admiration and friendship.

Strive to correct your own faults and study to make the other happy, and be exceedingly careful that you never reverse this rule.

Keep your most refined and gentle manner for the home.

Never refer to a mistake that was made with good intentions.

When a wrong is pardoned bury it in oblivion.

Consider the other's honor your own, and shield each other's weaknesses with sacred jealousy.

Remember that ill-temper nearly always comes of disappointment, or overwork or physical suffering.

Treat each other as courteously in private as you treat your friends in the drawing-room.

Never allow intimacy to become familiarity.

Be rivals in generosity, and let misunderstandings die for want of words.

Consider marriage as the partnership of equals.—*Detroit Free Press.*

How to Carry the Baby.

Dear mothers of first babies, let me entreat you to learn the simple art of carrying your baby properly. I was once traveling on a cable car that, among other passengers, contained two young mothers, each holding an infant under three months old. My attention was attracted to the first as soon as I was seated, and I noticed

the eyes of other passengers wandering in the same direction. She was never still, and the child might have been a dish-rag for all the respect that was paid to its vertebrate system. First, it was thrown over the mother's arm, between the elbow and wrist; its poor little head wabbling about like an apple just ready to fall from the tree. Then it was laid face downward across her knee, and jogged about to a "rum-tum-tiddy" that might have been soothing to its nerves if they were constructed on a principle different from those of all the rest of humanity. Up to this point it had been quiet, but at the sound of the "rum-tum-tiddy" it inserted a vigorous motion of resentment. It was then transferred to the maternal shoulder, and patted on the back with movements that must have appeared to the tender infant like vigorous whacks. It was next tied into a sort of true-love knot in the mother's lap, one little foot and one little arm sticking out here and there by way of loops. Unappreciative infant! even then it would not be silent. As a last resource, the mother opened her dress and forced nourishment upon it that it did not need, in the presence of a large carload of mingled sexes, most of whom were looking on in amusement but poorly concealed.

At last, with overloaded stomach and flushed face, the poor little baby sank into an uneasy slumber, its face and limbs twitching from time to time in a manner that boded ill for its future. It had not asked for tossings, for pattings or for food; it only needed rest. It did not get it even then, for two blocks further on the mother sprang up like a whirlwind, first to stop the car and then to get out, which latter she did with the now screaming baby tucked under her arm like an umbrella.—*Babyhood.*

The New Lyceum League.

An important step is announced by the *Youth's Companion*. That paper proposes to revive as an institution the old debating society which used to be so great a force in making young men intelligent citizens and in developing broad national leaders.

The plan proposed is an organization of national reach, called the Lyceum League of America. It is to consist of a system of local lyceums or clubs, connected with each other through a newly created lyceum department in the *Youth's Companion*. The lyceum department grants all charters and accepts the care of the movement. With each charter it furnishes free an equipment consisting of "Cushing's Manual," secretary's book and other needful helps. It suggests topics for discussion and gives aid in their study. An important part of this aid is a carefully chosen list of books on American problems, which it places within the reach of clubs. Among the books are Bryce's "American Commonwealth," Fiske's "Civil Government," the "American Statesman" series, Professor Ely's books, etc. There are also books for younger readers.

The aim of this undertaking is to train young men to think intelligently on the great problems of American life, and to impress them with the duties of citizenship. The work is to be above all partisanship. It is to be American in the broadest sense. It aims to give practical direction to the patriotic enthusiasm which the general school-flag movement has awakened—a movement inaugurated by the same paper. Incidental benefits will be parliamentary training and learning how to think on one's feet.

School lyceums will probably be most numerous, but the scheme is equally adapted to young men and intelligent lads out of school; business houses, factories, churches, can all have their lyceum clubs.

Hood's Sarsaparilla

Is a peculiar medicine. It is carefully prepared from Sarsaparilla, Dandelion, Mandrake, Dock, Pilessows, Juniper Berries, and other well-known and valuable vegetable remedies, by a peculiar combination, proportion and process, giving to Hood's Sarsaparilla curative power not possessed by other medicines. It effects remarkable cures where other preparations fail.

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Is the best blood purifier before the public. It eradicates every impurity, and cures Scrofula, Salt Rheum, Bolls, Pimples, all Humors, Dyspepsia, Biliousness, Sick Headache, Indigestion, General Debility, Catarrh, Rheumatism, Kidney and Liver Complaints, overcomes that tired feeling, creates an appetite, and builds up the system.

Hood's Sarsaparilla

Has met peculiar and unparalleled success at home. Such has become its popularity in Lowell, Mass., where it is made, that whole neighborhoods are taking it at the same time. Lowell druggists sell more of Hood's Sarsaparilla than of all other sarsaparillas or blood purifiers. Sold by druggists, \$1; six for \$5. Prepared only by C. I. HOOD & CO., Apothecaries, Lowell, Mass.

100 Doses One Dollar

The white of an egg, with a little water and sugar, is good for children who are troubled with an irritable stomach. It is very healing and will prove an excellent remedy for diarrhoea, as well as a simple preventive for bowel disorders.

The rubber hot water bottles are disagreeable to some persons who need their comfort because of their clammy nature. This can be remedied by having a flannel bag just large enough to draw over the bottle after it is filled. It should cover the metal stopper and be tied in place.

To make soft gingerbread, take half a cup of brown sugar, one cup of butter, one cup of molasses, one cup of hot water, two and a half cups of flour, one teaspoonful of soda dissolved in the hot water, one heaping teaspoonful of ginger, one teaspoonful of cinnamon, one just even full of cloves, two eggs.

When the hair shows signs of falling, begin at once to use Ayer's Hair Vigor. This preparation strengthens the scalp, promotes the growth of new hair, restores the natural color to gray and faded hair, and renders it soft, pliant, and glossy.

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Not Drunk.
Just dizzy! There is a pressure on the brain, owing to a clogging of the system.
BEECHAM'S PILLS
will remove the obstruction and permits the vital functions to act naturally. They cure Sick Headache, and all Bilious and Nervous Disorders, arising from Weak Stomach, Indigestion, Constipation and Disordered Liver.
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The Mormon Elders' Book on the strength, mailed free to married men, George F. R. Crook, 202 Grand St., New York

FORTUNES A PHILADELPHIA MAN
found a dollar worth \$175. A barber in Chester, Pa., picked up a cent worth \$12. An Iowa lady came across a dime worth \$24. A Kansas farmer found in his cash a half-dollar worth \$49.75. A Texas clerk got a quarter for which I paid \$59. The above are but a few of many cases worth big prices, many of which are found daily.
OLD COINS WANTED. \$1,000 for 1864 dollar, \$5.75 for 1863 quarter, \$2 for 1856 ct., and Big Prices for 500 other kinds if as required. Send stamp for particulars. W. B. Skinner, 225 Washington Street, Boston, Mass.

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The Young Folks.

A Department for the Boys and Girls of the District Schools.
EDITED BY MAMIE M. BRUNER.

Hope Beyond the Grave.

'Tis night, and the landscape is lovely no more;
I mourn, but ye woodlands, I mourn not for you;
For morn is approaching, your charms to restore,
Perfumed with fresh fragrance and glittering with dew.
Nor yet for the ravage of winter I mourn;
Kind nature the embryo blossom will save;
But when shall spring visit the mouldering urn?
Or when shall it dawn on the night of the grave?

'Twas thus by the glare of false science betrayed,
That leads to bewilder, and dazzles to blind,
My thoughts went to roam, from shade onward to shade,
Destruction before me and sorrow behind.
Oh, pity, great Father of lights, then I cried,
Thy creature, who fain would not wander from Thee!
Lo, humbled in dust, I relinquished my pride;
From doubt and from darkness Thou only can'st free.

And darkness and doubt are now flying away,
No longer I roam in conjecture forlorn;
So, breaks on the traveler, faint and astray,
The bright and the balmy effulgence of morn.
See Truth, Love and Mercy in triumph descending,
And nature all glowing in Eden's first bloom!
On the cold cheek of Death smiles and roses are blending,
And beauty immortal wakes up from the tomb!

—James Beattie.

JAMES BEATTIE.

James Beattie, a Scottish poet and writer, was born at Laurencekirk, on October 25, 1735. His father died when he was but a child, leaving him in charge of an elder brother, who, observing his great aptitude for learning, sent him to Marishcan college, Aberdeen, where he applied himself assiduously to his book and gained a bursary, which is an endowment set apart by Scottish colleges for the education of their students who shall have proved themselves worthy.

At the age of 18 he was appointed schoolmaster of Fouldoun, which is a picturesque spot at the foot of the Gramplan hills. Five years after he was appointed as under-master of the grammar school at Aberdeen, which he filled with credit. Two years afterward he was made professor of moral philosophy at Marishcan college.

In 1767 he was married, but his domestic life was but a sorrowful one. His wife, inheriting insanity (her mother was insane), became insane, and thus caused a breaking-up of home life.

In 1770 he published "Nature and Immutability of Truth," which met with astonishing success. This was followed by poems and other prose works. In 1773, when he visited London, he was received with great honor and distinction, even by the King himself.

His two sons died just as they were entering manhood. The older one, aged 19, died in 1790, and the youngest in 1796. Thus the home circle was entirely broken, and Beattie left childless and a widower. He never recovered from the blow of the death of his youngest son. His mind was nearly overthrown. He continued to lecture, but never wrote or studied again. In 1799 he was attacked with the palsy and suffered with this disease until his death, which occurred in August, 1803. His fame is for the poems he wrote. His prose writings have been cast aside.

His writings are: "Nature and Immutability of Truth," "Essays," "Dissertations," "Evidences of Christianity," "Elements of Moral Science," and "The Minstrels."

Kairwan.

A little to the west of a stream which flows south to the Sidi el Hem lake, is an open plain. Within this plain, surrounded by a wall, which, with a little modification on the eastern side, would form an irregular hexagon 3,500 yards around, lies the city of Kairwan, which was founded by Okba ibn Nafel Fehri. In ancient times the houses and tombs of this city were interspersed with large, luxuriant gardens and olive groves. But only a few scattered remnants of these beautiful gardens and groves are left. The city is crowded with tombs of the saints and warriors of the Mohammedan faith. There are only six large mosques standing. One of these, in the northern quarter of the city, was founded by Okba, and contains within its sacred precincts the shrine of this great defender of Mahammedanism, and also the tombs of the Kings of Tunis.

This mosque is 520 feet long. The south-east end is 255 feet wide and the northeast end is 225 feet wide. There are at least 400 columns that support this great mosque. The outside looks like a heavy buttressed wall, but the interior, the whitewash and paint, has magnificent marble columns, beautiful beyond description. It is indeed a fitting prototype of the celebrated mosque of Cordova, in Spain. In the central aisle are two pillars, between which the people believe that no person with the guilt of mortal sin can by any possibility pass. In one of the chambers is a unique and interesting collection of ancient armor.

The Three Gates, another mosque, is especially noted for its wonderful exterior beauty. Within this mosque is the shrine of Sidi Isa, where every Friday conjuring performances are carried on by the Mohammedans.

The mosque called Companion, i. e., the Prophet, is especially sacred, as the outside walls are said to contain three hairs of the Prophet's beard.

At the present time no Jew is allowed in the city, and only at rare intervals are Christians permitted to enter. No European foot has ever yet traversed the arcades of the great mosque of Okba ibn Nafel Fehri.

Experiments.

To illustrate the decomposition of light: A common iron top, such as may be found in toy shops, is employed in this experiment. Get some thick drawing paper, and cut out three disks, each four inches in diameter, and make a hole in the center of each, so that it will slip over the leg of the top. Cut each disk open from the circumference to the center. Paint one with red vermilion, one with emerald green, and another with aniline violet, giving a thick coat, and leave a few moments to dry. Now, while the paint is drying, make a disk of thick pasteboard and cut a hole in the middle, so that it will slip tightly over the leg of the top. Next take the red and green disks and hold them side by side with the cut places opposite, and slip one into the other, and then turn them round so that the green covers the red. Then put them on the leg of the top and put the pasteboard disk under them to hold them in place. Now if you hold the top upright in a plate and make it spin, you will see a beautiful ring of green color around the spinning top. Take off the disks and arrange them so that half the red and half the green can be seen, and a ring of yellow appears around the top. In the same way combine the green and violet—a new shade of blue for every proportion in which green and violet are mixed. Put on the red and violet disks and purple will be shown. Put on the red, green and violet, so that one-third of each is shown, and the ring will be gray. This simple toy serves to show how three colors may be combined to form every color in the solar spectrum. Red, green and violet may be tinted with other colors in the most charming manner.

Questions--No. 7.

[The boys and girls who read this paper are invited to contribute to this department.]

1. What can we associate with the name Agassiz?
2. What were the Alabama claims?
3. Who is the President of Mexico?
4. What and where is Lauterbrunnen?

ANSWERS TO QUESTIONS NO. 5--OCTOBER 7.

1. American painter—Benjamin West. European painters—Titian, Rubens and Rembrandt.
2. The ancient Greek phalanx comprised 8,000 men, forming a square battalion, with spears crossing each other and shields united.
3. The largest theater in the world is the opera house in Paris. It covers three acres of ground.
4. About ten years.
5. Latin, Spanish and Gallician.

[In No. 1 a mistake was made. Rhacotis is the city that formerly occupied a part of the present city of Alexandria.]

Quotations.

There are countless fields the green earth o'er,
Where the verdant turf has been dyed with
ROSE;
Where hostile ranks in their grim array,
With the battle smoke have obscured the day.
—Anna C. Lynch.

Blest tears of soul-felt penitence!
In whose benign, redeeming flow
Is felt the only sense
Of guiltless joy that guilt can know.
—John Milton.

We look before and after,
And pine for what is not,
Our sincerest laughter
With some pain is fraught.
Our sweetest songs are those that tell the
saddest thoughts.
—Percy Bysshe Shelley.

Three little kittens, soiled their mittens,
And didn't know what to do;
Till a wise old friend

Did recommend
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When these little kittens, washed their mittens
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Topics for Composition.

[Contributors please send manuscript two weeks in advance.]

- October 28—Superstitions of the Savages.
- November 4—Peter the Hermit.
- November 11—Progress of the Nineteenth Century.
- November 18—Mountains.
- November 25—Beetles.

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The *Kingfisher* (Oklahoma) *News* says: "The **KANSAS FARMER**, published at Topeka, Kas., is one of the best farm journals in the United States, and should be in the home of every farmer in the Territory."

Breeders intending to exhibit live stock at the World's Columbian Exposition should send for the rules, information and premium list to W. I. Buchanan, live stock department, as they are now ready for distribution.

The half has not been told about the short crops in Europe. The continental powers, especially Russia, where the peasants are starving to death, have suppressed the truth in regard to the matter as much as possible.

Spread the news. We will send the **KANSAS FARMER** the remainder of 1891 and all of 1892 to new subscribers for only one dollar. Those who renew at this time and send one new subscriber with one dollar for each name will receive the paper for the same period. Roll in the names.

A special dispatch from Washington of the 19th inst. states that Secretary Rusk to-day received a dispatch from President Louis Coutencin, of the Italian Chamber of Commerce, New York, saying he had received a cablegram from Rome to the effect that the ministry had unanimously decided to abolish the decree excluding American hog products from Italy. The Secretary said that this meant that hereafter American meats will be admitted to Italy on the same basis as they are now admitted into Germany.

The inimitable J. Ralph Burton, of Abilene, World's Fair Commissioner, and erstwhile hippodroming the State as a philanthropist to check the "farmers' movement" before election, at the behest of his masters, for the reason of the worry and annoyance to them, in a recent speech at Topeka said that "if Senator Plumb (in June, 1890,) stated that the money in circulation was but a trifle over \$8 per capita, he simply lied." This expression the daily press conveniently omitted in their extended reports. And yet the *Topeka Capital* still asserts "we are as one family."

The Board of Control of the National World's Fair Commission, on the evening of October 17, confirmed the nomination by Director General Davis of W. E. Cottrell, of Detroit, for chief of the department of live stock, and now the name goes to the directory. He is strongly indorsed, not only by President Palmer and the rest of Michigan, but also by the National Live Stock Commission. Two more commissions to visit other lands are being arranged. One of them will go to Spain, Italy, Turkey, the Danubian and north African states, and the other to Mexico.

THE OFFICIAL STATEMENT OF EXPORTS AND IMPORTS.

The Secretary of the Treasury has caused to be prepared and has given to the public a statement of exports and imports for the first eleven months of the operation of the McKinley law.

It is to be regretted that this official statement has suffered in various places from manifest efforts to construe the showing of the figures into an endorsement of the McKinley tariff instead of leaving the impress of cold impartiality. Nevertheless the figures given are of value; and whether the conclusions sought to be inferred are warranted by an impartial showing of the figures, or whether these conclusions are to be discarded, the figures themselves are official, and for the purposes of this article are accepted as correct.

These figures relate to the exports and imports of the country, and are for the eleven months ending August 31, 1891.

The value of our imports during this period was \$763,210,965, an increase of \$25,081,316 over the value of the imports of the corresponding months of the prior year.

The value of exports during these eleven months was \$840,571,301, an increase of \$49,087,323 over the exports of the corresponding months of the prior year.

It is shown further on in this statement of the Secretary of the Treasury that for the larger part of this increase in exports is in agricultural products. The statement as to this is for twelve months ending August 31, instead of for eleven months, as in the summary of total exports and imports. No reason is assigned for this change of basis of comparison. Of the increase for twelve months \$35,286,217 was in agricultural products exported, while for the same period the exports of all other products increased only \$19,983,270. Of this increase of exports of agricultural products \$15,999,952 occurred in the month of August.

The Secretary informs us that this increase of \$49,087,323 during the eleven months was nearly two and one-half times greater than the average annual increase of exports of merchandise during the last twenty-five years prior to 1891, which was \$20,750,425.

Whether the yearly average from which this average was taken was greater or less during the last than during the first part of the twenty-year period is not stated, nor is it shown whether the increase of \$49,087,323 during the eleven months referred to was a greater increase than occurred one year previously. The decided partisan tone of the entire statement leaves the reader with the unpleasant impression that had the whole truth been told the comparison might not have resulted partisan ends so well as does the statement as given to the public.

Again it is well known to all who have given attention to agricultural statistics that there exists and has for some time existed abroad a great and growing deficiency of breadstuffs. Correspondingly there has been a great surplus of these in this country, so that regardless of all new legislation there has been a powerful natural reason for the increase of exports noted in the Secretary's report.

This does not necessarily show that the claim that foreign commerce has been increased by the operation of the McKinley law is wrong, but it is an element which an impartial official statement including an assignment of causes should certainly have considered.

The McKinley law may or may not have been the cause of an increase of our foreign commerce, but taken as an argument for the affirmative proposition the showing of the Secretary of the Treasury, when subjected to a critical examination, does not prove the position.

From the further showing of the statement it is evident that the Secretary of the Treasury looks with complacency on one of the effects of enlarging the free list. He states that the value of merchandise imported free of duty during the eleven months under consideration was \$364,661,336, an increase of \$112,013,081. This is much more than the total increase of imports, and there was a corresponding decrease in imports of dutiable merchandise. It would be interesting to know how much of this increase was due to the enlargement of the free list, and also how much of the decrease of imports of dutiable merchandise was in articles or which the tariff has been increased, but the Secretary has not given this information.

It is gratifying to find that the amount

of revenue collected is greatly reduced, the amount of the reduction being \$41,396,425. It is estimated that the revenue collected per capita by means of the tariff will be for the year \$2.60, against a former average of \$3.88. Unfortunately, however, the Secretary has here given the "average" per capita without saying how many or which years are included in the average, and we are left in the dark as to whether the apparent reduction of \$1.28 in the amount per capita thus collected is something new or whether it is a reduction which has been in progress for years.

Taken altogether, the Secretary of the Treasury has presented some interesting statements, but has impaired their value by a partisanship which must be regretted by all fair-minded readers, whether they adhere to the political party in favor of which the showing is distorted, or to some other party organization.

THE BUSINESS SITUATION.

In the weekly review of our country's trade, and the business situation for the week ending October 17, R. G. Dun & Co. say:

"Business throughout the West and South is strong and improving. At Eastern centers there is less satisfaction and the expected results from the harvesting of large crops are more slowly realized. Yet the volume of all trade is as large as it ever has been, and for October may even surpass the unprecedented record of last year.

"The prevailing confidence in the future of business continues unabated and is seen even in some branches which complain most of dull trade at present. The iron industry illustrates the contradictory conditions. The output of furnaces in blast October 1 was 181,615 tons weekly, yet this enormous production is marvelously absorbed. The demand for use in producing all kinds of farm machinery and implements is far greater than it has been in any previous year and the quantity of iron thus used is enormous. On the other hand the wool manufactories are short of orders in the men's wear department, though Chicago clothiers are buying more freely. But, on the whole, clothiers have not taken nearly their usual supply of goods and many of the mills are closing. The demand for dress goods is strong, while knit goods are dull as well as carpets. Cotton manufacture is active without change in prices.

"The demand for copper is large, but a rumor of the resumption by the Anaconda put down the price of the lake to 12.15 cents, and tin is weak at 20.1 cents, with lead 4.45. The market for anthracite coal is better, but circular prices are not realized.

"The reports from other cities are almost uniformly encouraging. At Pittsburgh the demand for manufactured iron and for structural forms is improving, but the coal strike continues. At Cleveland trade exceeds last year's considerably, and is brisk at Cincinnati and especially in dry goods. At Chicago the clothing and dry goods trades are active, and the movement of farm products large, though receipts of cattle fall below last year's. At Detroit manufacturing is active and factories running full time. At Milwaukee, St. Paul, Minneapolis, Omaha and Kansas City business is very active, especially in lumber at Minneapolis, with advance in prices, while the output of flour is 195,000 barrels per week, against 161,000 last year. At St. Louis trade is unusually strong. At Jacksonville the largest orange crop ever grown promises improvement.

"Speculation has not been very heavy, though corn and oats are sustained in the face of great crops and wheat is a shade higher. Cotton is a quarter lower. Pork products are lower, coffee unchanged and oil half a cent lower.

"The supplies of money are ample in New York and all Western centers. Foreign trade though smaller than a year ago is larger than in previous years and the heavy exports of breadstuffs promise further reinforcement of gold from Europe."

In order to take advantage of the present shortage of the cereal crops of Europe, Secretary Rusk, a few weeks ago, instructed Col. C. J. Murphy to proceed to Berlin as special agent to present to the attention of the German people and government the great importance and value of Indian corn as a cheap and nutritious substitute for other cereal foods. Col. Murphy writes most encouragingly, re-

porting his cordial reception by Minister Phelps and the readiness of that gentleman to forward his mission, and further states that he has been able to produce bread composed in part of rye and part corn which has been highly commended by all those to whom samples have been submitted, as a most satisfactory substitute for the ordinary rye bread in general use among certain classes in Germany, and this at a cost, based on the present price of rye flour and corn meal in Germany, less than the cost of bread made exclusively of rye flour. Should special concessions in the matter of tariff duties be secured from the German government on Indian corn, the outlook for a large increase in our exports of that product to Germany would, in the opinion of Col. Murphy, be most promising.

DEATH OF JUDGE BAILEY.

The early readers of the **KANSAS FARMER**—those of twenty years and more ago—will remember that Judge L. D. Bailey, then of Lawrence, Kas., was one of its ablest contributors. He, in connection with Hon. F. G. Adams and Rev. Mr. Brown, were the founders of the **KANSAS FARMER**. They took great interest in the agricultural development of Kansas. They, with a few others, organized a State Agricultural Association, and the first copies of the **KANSAS FARMER** were journals of the proceedings of that board, containing in addition a few articles relating to different departments of farming in this new State.

The Judge's death was announced on the 16th inst., in Lawrence, his early Kansas home, at the age of 73 years. He was born in New Hampshire, coming to Kansas in 1857. In 1859 he was elected as one of the Associate Justices of the Supreme court of Kansas. His associates on the bench were Judges Kingman and Ewing. The other two still remain among the historic men of Kansas. Judge Bailey was an earnest, conscientious, upright citizen, a good neighbor, and a sincere friend of Kansas. He has a large circle of friends in this State, and we but express their feelings when we say that in the death of the Judge, Kansas lost one of her most earnest workers.

STRONG FOR PROHIBITION.

The great majority of the people of Kansas have considered arguments against prohibition scarcely worth considering. Whether political parties have in their platforms favored, or opposed, or have considered the policy so well settled as to need no mention, the opinion of the great majority has been true to the home, to the family, to humanity and to progress. The lack of perfect enforcement of the law has been used with great diligence by its opponents. Its advantages, when faithfully enforced, are so manifest as to need only to be stated. Thus Topeka is earning the reputation of being the most orderly city in the country. The census department shows the average annual cost of maintaining the police force in nine license cities of the same size as Topeka to be \$29,000; in Topeka, \$16,273. The average taxes in the same nine license cities are \$266,714; in Topeka, \$120,798.

During the week of the recent State Fair, with a large number of visitors in town the entire week, the police force increased by fourteen special officers, making about thirty in all, and the utmost vigilance secured, only twelve arrests for drunkenness were made in the seven days, or an average of less than two a day.

In many of the interior counties of the State, persons who are not right on the temperance question have been obliged to give up their aspirations for office for no other reason than that the farmer voters demanded candidates whose influence in favor of the law would be unequivocal.

The twenty-ninth national session of the Anti-Horsethief Association was held in Chanute lately. The following officers were elected: G. M. Coffman, of Parsons, Kas., National President; M. B. Frisbie, of Walnut, Iowa, National Vice President; L. E. Curd, of Palmyra, Mo., National Secretary; J. C. Cadwalader, Bushnell, Ill., National Treasurer. Delegates representing eight different States were present. The meeting closed with a grand picnic and barbecue which 12,000 people attended. The procession was the largest seen in this part of the State, taking over an hour to pass a given point. It consisted of five bands, 300 members of the association on horseback and over 250 on foot, besides the vehicles. Speeches were made at the grove in the afternoon by prominent members from Illinois, Kansas and Iowa.

Horticulture.

WHERE RELIABLE NURSERY STOCK IS GROWN.

POINTS OF INTEREST TO YOU.

The nursery industry is of great importance, especially at this period of our history, when every real estate owner is alive to the necessity of having his grounds and gardens well filled with trees, flowers and small fruits. What more beautiful sight than to walk through a carefully kept garden filled with flowers, giving forth their delicate odors, and trees and bushes bearing in clusters their luscious fruit? The saying that a man can be known by the manner in which he keeps his grounds is a true one.

The greatest nursery center of our broad land is without doubt in the vicinity of Rochester, N. Y. No one of our readers is too young to have seen, planted and eaten of the fruit borne by Rochester trees. The soil there is peculiarly adapted to the growth of young trees. The climate is temperate, and not subject to the sudden changes experienced in many parts of our country, so that the young trees are free from disease, and well calculated to be transplanted to any portion of the country. We daresay there are few, if any, bearing orchards in the great West but what the Rochester tree is well represented therein.

Above other Eastern nurseries, there is one which has allied itself more closely to the West, and like the larger part of our inhabitants—came West to grow up with the ever increasing population, and located a branch office in Chicago. Our particular attention was called to this firm of Brown Brothers Company by seeing them referred to and indorsed for growing the highest grades of stock, not only in their local papers at Rochester, but also in the other large farm journals of the West.

Its business in the West had increased to such vast proportions that it was necessary to open an office in Chicago some years ago. This office is under the supervision of Mr. E. C. Morris, Secretary of the company, who attends to the trade west of Ohio, all east of that point being controlled by the home office at Rochester. The object in having the office here was to give better satisfaction to the agent and buyer. The distance letters were obliged to travel and the time lost thereby were great hindrances to prompt business transactions in the far West.

Their nurseries and greenhouses are very extensive, covering many hundred acres, which plantings are increased every year. To dispose of their immense amount of stock each season requires the employment of the largest force of agents controlled by any house on the continent. Their shipments to this portion of the country are made in carload lots, from their packing grounds located on the main tracks of the New York Central railroad, to a central distributing point, where they are transferred to the various roads, thereby insuring prompt delivery of all goods.

The large crops of fruit which have been gathered in the past few years has impressed upon our farm and real estate owners that land will produce more valuable crops than corn, wheat and oats, and secure for them a larger income. If more would turn their attention to the planting of strong, healthy nursery stock, the bright prospects which we look forward to, of this becoming the great fruit producing section of the country, will be realized. The sale of these articles has become a matter of the highest importance.

A leading journal, in commenting on the nursery industry, says: "We cannot agree with our contemporary in the statement that the farmer should be shy of the tree vendor. It is he who sells the farmer the trees that bring the golden shekels through him our villages and cities are beautified with flowers and shade trees, and humanity made healthier, happier and more virtuous. His is a noble profession. Poor nursery stock is worse than none at all. It is an abomination on the face of the earth. 'It is a barren fig tree.'"

The best fruit cellars are fitted up with drawers and bins in which to store the fruit. These are made with slatted bottoms and shallow, so that the fruit need not be stored in them over six inches deep, and so that the air can circulate freely through it. This is not only favorable to

the keeping qualities of the fruit, but also enables it to be closely watched and the decaying specimens to be the more easily and carefully picked out.

Keeping Grapes.

There are various ways in which grapes may be kept fresh and plump until after the holidays, the principal condition being a cool and dry temperature, says the *Orchard and Garden*. "The clusters should be gathered on a clear day and all imperfect berries removed with a sharp-pointed pair of scissors, handling the fruit as little as possible. Have ready shallow boxes lined with dry paper and place in them the clusters, laid closely together and in two layers, the layers being separated by a sheet of dry paper. Cover with paper, put on the lid tightly and store in a cold, dry, airy room until freezing weather, when they may be removed to slightly warmer quarters. Keep cold as possible without actually freezing. Another successful way of keeping grapes is to bury them on a gravelly knoll or other dry location, packed in layers in earthen jars, the layers being separated by sheets of paper and the lid being secured by pasting over it strong, unbleached muslin. Being several feet below the surface it will be necessary to mark the spot with a stake. Varieties like Isabella, Catawba, Diana, Salem, Wilder, Clinton are all good keepers and very satisfactory in other ways. Whatever method be employed it is essential that the fruit and all connected with it be perfectly free from moisture, the least particle of which will surely produce mold; that the skin of the fruit is not broken, and that a uniform cool temperature is maintained."

"Do farmers generally understand," says an exchange, "that itinerant tree peddlers always ask more for their stock than the same would cost if procured direct from a reliable nurseryman? This is a fact, and if it were more widely known the tree agent would not find so many gullible customers, and there would be much greater satisfaction on the part of the purchaser. In buying from a traveling peddler there is no guarantee that the stock is what it is represented to be. You pay more, and usually get less. The best way to do is to make up a list of what you want, and send direct to a good nurseryman for an estimate of the cost. And do not be misled by the pictures in the agent's book; consult your agricultural journal for information as to best varieties for your especial location."

Select the firmest and best heads of cabbage if you wish to save your own seed. Bury the heads or keep them in a place of even temperature. In the spring cut off the stalk to within two inches of the head, cut a slit in the head, and put the head in the ground with the top barely exposed, and it will then shoot up to seed.

How's This?

We offer One Hundred Dollars reward for any case of catarrh that cannot be cured by taking Hall's Catarrh Cure.

F. J. CHENEY & Co., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions, and financially able to carry out any obligations made by their firm.

WEST & TRUAX,

Wholesale Druggists, Toledo, O.

WALDING, KINNAN & MARVIN,

Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75 cents per bottle. Sold by all druggists.

When the ankle has been severely sprained, immerse it immediately in hot water, keeping it there for fifteen or twenty minutes. After it has been taken out of the water, keep it bandaged with cloths wrung out of hot water.

Consumption Cured.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, this recipe in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, W. A. NOXES, 330 Powers' Block, Rochester, N. Y.

'T IS VERY STRANGE

That people will suffer from pimples and blotches when they might speedily remove these disfigurements by the use of Ayer's Sarsaparilla. It cleanses the blood of impurities.

"My face, for years, was covered with pimples and humors, for which I could find no remedy till I began to take Ayer's Sarsaparilla. Three bottles of this great blood medicine effected a thorough cure, and I confidently recommend it to all suffering from similar troubles."—Madison Parker, Concord, Vt.

"When I was eighteen years old I was troubled with a bad humor. Being advised to try Ayer's Sarsaparilla, I took four bottles, which caused the eruptions to dry up and scale off, leaving my body, arms, and legs in a clean, healthy condition. I have not had any symptoms of the complaint since."—W. R. Allan, Dennysville, Me.

Ayer's Sarsaparilla,

Prepared by Dr. J. C. Ayer & Co., Lowell, Mass. Sold by Druggists. \$1, six \$5. Worth \$5 a bottle.

The Stable Shelf

ought to have on it a bottle of Phenol Sodique for bruises, cuts, sore spots, &c.

Just as good for a man.

If not at your druggist's, send or circular.

HANCE BROTHERS & WHITE, Pharmaceutical Chemists, Philadelphia.

Look out for counterfeits. There is but one genuine. Better cut the advertisement out and have it to refer to.

The Poultry Yard.

Candling Eggs.

How many of our readers employ an efficient, or in fact any method of candling their eggs, notwithstanding the practice should be common on every farm where eggs are produced, or even in houses where they are used in large quantities? As an exchange says: "There are a number of ways of candling, but nearly every man and woman has enough ingenuity to make some arrangement that will allow the light of a lamp or of the sun to pass through an egg and at the same time exclude the light from the eye from any other direction. Even a paper tube will do, placing the egg in one end and the other end over the eye, making sure that the light does not filter in around the sides of the egg.

"The condition of the inside of the egg can then be readily seen. A fresh egg will appear fresh and translucent, with a reddish cast, and as the egg grows old this clearness will change for the worse. If the egg has progressed some in the way of incubation, a dark cloudy spot will appear, which is the embryo just beginning to develop.

"The advantages of being able, at a glance, to tell whether an egg is all right or not are many. In the first place, if the farmer is shipping the eggs to the general market it is of considerable moment to him to be able to ship only fresh eggs, and candling will enable him to do this. If he is buying eggs for re-shipment it will save not only his reputation, but often his money, as many people will not hesitate, when finding a nest of a score of eggs of all ages to sell them to the first buyer as strictly fresh, depending on their being mixed up with other eggs to escape detection.

"Eggs also that are used in the household may be often examined, and the exclusion of the eggs that are beginning to be a little cloudy from the kitchen will often save a delicate dish from being spoiled. When eggs are being set they should be examined after the first day or so, and the infertile eggs excluded, to make room for eggs that will produce chicks. In this way the percentage of chicks raised from a number of settings may be greatly increased. This is a little thing, but let not the farmer, and especially the poultry-raiser, despise the 'day of small things.'"

Variety and Frequency in Feeding.

"Green onion tops or garlic chopped fine and mixed with their food," says Geo. S. Hefflybower, of Austin, Texas, "are highly relished by both chickens and turkeys, and will be found conducive to the health and growth of young poultry of all kinds. In fact there is scarcely a vegetable used upon the farmers' table but may also be used to advantage in the food of poultry. Thick sour milk and curd of milk make an excellent food for young chickens and cannot be used too freely, a variety of food being absolutely essential to the highest state of health and the most rapid growth.

STEKETEE'S



IMPROVED HOG CHOLERA CURE

What They Say of Stekete's Hog Cholera Cure:

BRIDGETON, Mo.—I am well pleased with your Hog Cholera Powders. BARNY SOLOMON.

EUANKA, Ill.—I will say in regard to your Hog Cholera Cure, that my hogs look better since using your powders. DANIEL BAKER.

MELLETTE, S. D.—I am well pleased with the results of your Hog Cholera Cure. A. D. BELL.

GALNEVILLE, Wis.—I want a package of your Dry Bitters, if they are as good as your Hog Cholera Cure is for worms. Your Powders do kill worms. GEO. KLEIN.

These Powders are 50 cents per package at the drug stores, or 90 cents by mail; three for \$1.50, express paid.

P. S.—Stekete's Hog Cholera Cure is the same thing as used for Pin-Worms in Horses. Address

G. G. STEKETEE,
Grand Rapids, Mich.

Mention KANSAS FARMER.

GOOD NEWS FOR THE MILLIONS OF CONSUMERS OF TUTT'S PILLS.

It gives Dr. Tutt pleasure to announce that he is now putting up a TINY LIVER PILL which is of exceedingly small size, yet retaining all the virtues of the larger ones. They are guaranteed purely vegetable. Both sizes of these pills are still issued. The exact size of TUTT'S TINY LIVER PILLS is shown in the border of this "ad."

Just Drive 'Em In and CLINCH 'Em. THEY WILL HOLD ANYTHING.



You can mend your Harness, Halter or any Strap better, quicker, cheaper than any Harness maker can. COST ONLY 25c PER BOX OF ONE GROSS.

For Sale at Grocery and Hardware Stores. NO TOOLS REQUIRED. BUFFALO SPECIALTY MFG. CO., BUFFALO, N. Y.



TIME IS MONEY

WHICH YOU CAN SAVE BY USING THE

Queen Washing Machine

One washer sold at wholesale price where we have no agent. For full particulars and catalogue, address The Buckeye Churn Co., P. O. Box 97, Sidney, Ohio.

Stapleton Land Company, OMAHA, NEBRASKA.

Will sell their own improved farms or ranch properties on most favorable terms, very cheap. Write for description, etc.

The Mormon Elders' Book on Royal Strength, mailed free to married men, address J. B. Crook, 202 Grand St., New York.

Another very essential feature is frequent feeding. When poultry are provided with a good range they are feeding constantly, from morning to night, and a constant addition to the supply of food in the crop appears to be one of the laws of good digestion.

Charcoal in the Poultry Yard.

"When freely used in the poultry yard, charcoal is of great value. If ground or pounded fine and fed to the fowls in their soft food," says one who has had experience, "it materially aids digestion and cleanses the system of impurities."

In the Dairy.

Butter Which Keeps Best.

The Mercantile and Exchange Advocate, of New York, a journal devoted to the production and trade in butter, cheese, poultry, etc., says:

"There are often to be seen, in agricultural papers, articles full of sentimental and nonsensical bosh in support of the old dairy system, as the best for producing butter for keeping qualities."

"These sentimental writers usually have pictured upon their imaginations a model New York State dairy farm, with cool streams of living water flowing from a hill-side to cool the milk, and are totally blind as to the pictures of the numerous great dairy farms, especially on the Western plains, where at certain seasons of the year it is difficult to secure a water supply sufficient to water the cattle."

"Facts in regard to the keeping qualities of butter do not, at the present day, endorse dairy butter as the best keeper."

"Facts, as experienced during the past few years, have fully demonstrated that butter produced by the best centrifugal cream separators keeps best in every respect."

"There is no sentiment connected with this assertion, as the fact is fully established, that the creamery butter made during the summer in the best dairy sections in New York State, keeps better than the dairies made in the same sections, at the same time, and sells for more money when marketed. It may be urged that some exceptional dairies keep as well, and sell as high as the creameries. That may be true, but it must be remembered that exceptions never prove a rule, and the subject must be viewed from the general and practical result, in order to reach a competent and beneficial conclusion. The method of raising the cream, both in the dairies and for the gathered cream creameries, has one serious disadvantage over the separator method, and this is, the cream in rising through the milk will carry with it objectionable ingredients from the milk, and will also absorb in the setting objectionable properties from the atmosphere, which injure the keeping qualities. The special advantage of the separator is that it separates the butter particles from the milk in its purest condition and free from objectionable matter which injures the keeping qualities of the butter."

"It is not a mere matter of speculation, but it is an established fact that in the great market of New York city, where large stocks of butter of all descriptions are held locally, and handled elsewhere, that the centrifugal separator butter keeps sweet and sound longer, and holds its aroma and flavor longer than dairy butter, or butter made from any cream-raising system."

Hot Milk as a Stimulant.

A medical journal of high standing recommends hot milk instead of beer, whisky, or other alcoholic stimulants, in cases of great fatigue and over-exertion of body or

mind. "Its reviving influence when taken as hot as it can be sipped, is remarkable. Its effect is promptly felt, and lasting, and even those who have been accustomed to the use of alcoholic beverage will find this substitute remarkably satisfying. This is especially true of overworked women, for whom physicians sometimes prescribe beer and other mild stimulants. The momentary exhilaration felt is only the whip applied to an exhausted body, while the hot milk is digested and gives nourishment and real strength. The fact is, that the real value of milk and butter and cheese as foods is only half appreciated in America. In the old countries where meats are rarely on the table of the middle and poorer classes, milk and cheese are leading articles of food."

Be Gentle With the Cows.

A cow is largely a creature of habit, and will readily accommodate herself to the conditions under which she is placed. It should be borne in mind, however, that any undue excitement tends to lessen her butter productiveness, and therefore should be avoided. If a cow is chased with a dog, hounded here and there, continually bothered by steers or mischievous colts, or by both, and confined at night in a small yard, and devoured by mosquitoes, a small pail will hold her milk. But place the same cow in comfortable surroundings, amongst companions of her own gentle kind, away from the annoyance of other animals; put her in a clean stable, out of the reach of flies at milking time, and then turn her out to enjoy a hearty meal of dewy grass, and see if, under these altered conditions, the same pail will hold what milk she gives.

Cows should be treated with the utmost kindness. The man who, on the slightest provocation, will strike or kick a cow, is more deserving of the same kind of treatment than of being paid wages. In fact an ill-tempered man or woman is a decided damage around a cow yard. Even when a dangerous cow is found there is no occasion to raise a disturbance with her. Dry her up and prepare her for the butcher; life is too short and precious to bother with a mean cow.

"German Syrup"

Asthma. "I have been a great sufferer from Asthma and severe Colds every Winter, and last Fall my friends as well as myself thought because of my feeble condition, and great distress from constant coughing, and inability to raise any of the accumulated matter from my lungs, that my time was close at hand. When nearly worn out for want of sleep and rest, a friend recommended me to try thy valuable medicine, Boschee's German Syrup. I am confident it saved my life. Almost the first dose gave me great relief and a gentle refreshing sleep, such as I had not had for weeks. My cough began immediately to loosen and pass away, and I found myself rapidly gaining in health and weight. I am pleased to inform thee—unsolicited—that I am in excellent health and do certainly attribute it to thy Boschee's German Syrup. C. B. STICKNEY, Picton, Ontario."

WHY Sell Your Produce at Home WHEN YOU CAN Strike a Better Market. WE RECEIVE AND SELL BUTTER, EGGS, POULTRY, VEAL, HAY, GRAIN, BROOM CORN, WOOL, HIDES, POTATOES, GREEN AND DRIED FRUITS.

OR ANYTHING YOU MAY HAVE TO SHIP. Quick sales at the highest market price and prompt returns made. Write us for prices, tags, shipping directions or any information you may want. SUMMERS, MORRISON & CO., Commission Merchants, 174 So. Water St., Chicago. Reference Metropolitan National Bank, Chicago.

MONEY SAVERS

On Everything You Eat, Wear or Use!



The cut represents our Fine Wool Chinohilla Reaver Overcoat, in Black, Brown or Blue. The coat is elegantly trimmed and made up expressly for our trade. We sold hundreds of them to our regular patrons, and not one complaint was made. Sizes 34 to 42. A \$12.00 Overcoat for \$9.65.

Another Bargain.

Fine Black All Wool Cheviot Sack Suit, an old standby of ours; sizes 34 to 40; quality of workmanship the best. A \$15.00 suit for \$12.00. We can furnish samples of the above great bargains:

- Per Yard. A Good Dress Print..... 40cts Wamsuta Gingham, Brown or Blue Checks..... 7cts Heavy Plaid or Striped Flannel..... 28cts Fruit of the Loom Muslin, 36 in..... 8cts Arnold's Celebrated Gorian Blue Prints..... 10cts A Good Brown or Blue Check Shirting..... 5cts A Nice Dress Flannel, 34 in. wide..... 5cts L. L. Factory, The Standard Shooting..... 5cts A Good Bleached Muslin..... 3cts A Heavy Kersey Cottonade for Pants..... 32cts

OUR GENERAL CATALOGUE

And Grocery List furnishes practically everything you eat, use or wear. We mailed a copy to our regular customers free of cost. Send 6 cents to pay the postage, with your request for a copy. As we furnish the book free, you ought to be willing to pay postage to get it. You cannot afford to be without it.

H. R. EAGLE & Co., Wholesale Farmers' Supply House, 68 & 70 WABASH AVE., CHICAGO.

Summer Music

FOR SEASHORE AND COUNTRY.

- POPULAR SONG COLLECTION. Thirty-six songs. A fine collection of refined, yet popular songs, with piano accompaniment. Heavy paper, \$1.00; boards, \$1.25; cloth gilt, \$2.00.
- POPULAR DANCE COLLECTION. No. 1, twenty-nine pieces; No. 2, twenty-five pieces. The best dance music, especially adapted for the average musician. Heavy paper, \$1.00; boards, \$1.25; cloth gilt, \$2.00.
- POPULAR PIANO COLLECTION. No. 1, twenty-seven pieces; No. 2, twenty-four pieces. Many of the best higher-grade compositions of the day. Heavy paper, \$1.00; boards, \$1.25; cloth gilt, \$2.00.
- POPULAR FOUR-HAND COLLECTION. Twenty pieces. 128 pages. Just published. Heavy paper, \$1.00; boards, \$1.25; cloth gilt, \$2.00.

Oliver Ditson Company 453-463 Washington St., Boston. LYON & HEALY, CHICAGO. C. H. DITSON & CO. J. E. DITSON & CO. 867 Broadway, New York. 1228 Chestnut St., Phila.

PLAYS Dialogues, Speakers, for School, Club and Parlor. Catalogue free. T. S. DENISON, Publisher, Chicago.

More Money is Made every year by Agents working for us than by any other company. Why don't you make some of it? Our circulars which we send Free will tell you how. We will pay salary or commission and furnish outfit and team free to every agent We want you now. Address Standard Silver Ware Co. Boston, Mass.

CANCERS SCROFULA AND TUMORS Permanently cured, without the aid of the Knife or the Laster, or detention from business. Send for Proof, naming this paper. Consultation free. DR. H. C. W. DESHLER, Specialist, 625 Harrison Street. TOPEKA, KANSAS.

DEAFNESS AND HEAD NOISES CURED by Peck's Invisible Ear Cushions. Whispers heard. Successful when all remedies fail. Sold FREE by F. H. COOK, 859 Broadway, N. Y. Write for book of proof. CANCER and Tumors CURED: no knife; no blood free. Drs. GRATIGNY & MORRIS No. 163 Eliza Street, Cincinnati, O.

FARMERS Wanted—To sell strictly first-class Nursery Stock. Salary or commission. Brown Bros., Nurserymen, Chicago, Ill.

BERRY PLANTS, Grape Vines, Fruit Trees, Small fruit plants, Large stock. Low prices. Catalogue free. WM. STAHL, Quincy, Ill.

379 FRUIT TREES Varieties VINES, PLANTS, Etc. Apple, Pear, Peach, Cherry, Plum, Quince, Strawberry, Raspberry, Blackberry, Currants, Grapes, Gooseberries, &c. Send for catalogue J. S. COLLINS, Moorestown, N. J.

FRUIT TREES PEACH—A Specialty A full selection of all the leading varieties. A correct descriptive Also a full line of PLANTS and and finely illustrated ORNAMENTALS. Plants Catalogue FREE and Trees by mail. Address JOS. H. BLACK, SON & CO., Village Nurseries, Hightstown, N. J.

TREES AND PLANTS

The Largest and Nicest stock in the West of all kinds of FRUIT TREES, GRAPES, VINES, Forest Seedlings and SMALL FRUITS. Write for our New Price List and our pamphlet on "Cost and Profit." HART PIONEER NURSERIES Mention this paper. Fort Scott, Kansas.

BUTTER AND CHEESE-MAKERS' Man, Deal, advertising the Hansen's Danish Butter Color, and Bunsel Preparations, sent free by F. H. MONRAD, 58 N. Clinton St., Chicago.

HOW CAN IT BE DONE?

\$3.95! Springfield, Waltham, or Elgin. It is a genuine Elgin, Springfield, or Waltham key-wind quick train movement (18,000 beats per hour), seven jeweled, cut expansion balance, patent pinion, in a DUBNER SILVER-LINE CASE (not silver), yet much stronger, more serviceable and tighter-fitting. Movement WARRANTED 5 years. One to keep its color and wear a lifetime. Send 25 cents for your full examination. C. O. D. If represented you can pay balance, otherwise it will be returned. Or if you send \$3.95, or \$11 for 3 watches, with order we send free a Gent's Vest Chain with each watch. We refer you to publishers of this paper. W. G. MORRIS, 90 6th Ave., Chicago, Ill.

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. In order to receive a prompt reply, all letters for this department should be addressed direct to our Veterinary Editor, Dr. S. C. Orr, Manhattan, Kas.

MANGE.—I have a two-year-old colt that has some kind of a mange. His skin is all rough and in places he is losing the hair in the form of little scabs. The colt has been running on grass all summer and has had no grain. Is the disease contagious? Please inform me through the KANSAS FARMER. J. K. Wilmore, Kas.

Answer.—If your colt has the mange it is contagious, but we are not certain, from your description, whether it is mange or sarfett, and in order to be safe it will be well enough to isolate him from the other horses till he is well. Give him in his feed, twice a day, a tablespoonful of the following powder: Nitrate of potash, 2 ounces; sulphur, 8 ounces; mix. Make an ointment as follows: Oil of tar, 2 ounces; sulphur, 2 ounces; lard, 8 ounces; mix. Wash the colt all over with warm water and castile soap, wipe him dry and rub some of the ointment well into the skin with a sponge. In four days wash off and repeat the ointment. Do not let him get wet for several weeks after this treatment.

No More Sickness After Using Steketee's Hog Cholera Cure.

So says R. M. Boyd, of Tecumseh, Mich., in a letter to Mr. Steketee, September 29, 1891: "Last fall I had trouble with my hogs; lost quite a number. Steketee's Hog Cure was recommended. I used two packages on the balance I had left, and since then have lost no more nor had any more sickness."

Mr. D. P. Anthony, of the same place, writes: "You will not have any sickness with your hogs if you use Steketee's Hog Cure. I used it on my sick hogs last fall and it worked like a charm."

Farmers, now is the time to have it on hand, in case of sickness. Don't let the druggist bluff you by saying, "I have something better," because it is only to get rid of some worthless stuff. If they have it not send 60 cents in stamps and I will send it by mail. Address: G. G. STEKETEE, Grand Rapids, Mich.

One of the pleasant things about candor is the ease with which it may be made to fit our neighbors.

California Farm Products!

Cost of Production: Net Profits: given by a thousand farmers. Also hundreds of questions answered about California. Sent free on application to A. PHILLIPS & Co., 104 Clark street, Chicago, Ill., or 296 Washington street, Boston, Mass.

Don't Read This.

With each succeeding day comes an increased demand for better service on the railways of our country. The Union Pacific and Missouri Pacific railways to the front, as usual, have been leading in these lines of improvement for some time, and running Through Pullman Sleepers between Salt Lake City and St. Louis via Denver.

The Way to Go.

You have seen California frequently mentioned in newspapers and magazines. Perhaps a friend has been there, and writes enthusiastic letters back home about the climate and the fruits. It makes you anxious to see the country for yourself.

The time to go is in the Fall and Winter. Then work here is less pressing and California climate is most pleasing. The way to go is via Santa Fe Route, on one of that line's popular, personally conducted parties, leaving Chicago every Saturday evening, and leaving Kansas City every Sunday morning.

Special agents and porters in attendance. Pullman tourist sleepers are used, furnished with bedding, mattresses, toilet articles, etc. Second class tickets honored. Write to G. T. Nicholson, G. P. & T. A., Santa Fe Route, Topeka, Kas., for copy of folder describing these excursions.

Topeka Shorthand Institute, 521 and 523 Quincy St., Topeka, Kas.

MARKET REPORTS.

LIVE STOCK MARKETS.

Kansas City. October 19, 1891.
CATTLE—Receipts 9,420, mostly range stock. Native cows steady and active, and feeders in demand at stiff prices. No demand for half-fat cattle. Beef steers, \$3 75-4 00; range steers, \$1 75-2 00; stockers and feeders, \$2 15-2 25.
HOGS—Receipts 2,702. Bulk of mixed lots, \$4 20-4 40; common light, \$4 00-4 10.
SHEEP—Receipts 2,695. Prices active. Western muttons, \$3 to 105 pounds, \$4 30-4 35.

Chicago. October 19, 1891.
CATTLE—Receipts 22,000. Best steers, \$5 50-6 25; good, \$4 40-5 35; medium, \$3 25-4 25; common, \$2 75-3 15; stockers, \$1 75-2 40; feeders, \$3 50-3 25; bulls, \$1 75-2 25; cows, \$1 15-2 85; Texans, \$1 75-2 90.
HOGS—Receipts 22,000. Mixed, \$3 90-4 53; heavy, \$4 00-4 60; light weights, \$3 75-4 45.
St. Louis. October 19, 1891.
CATTLE—Receipts 4,800. Native steers, common to best, \$3 00-5 75; Texans, common to best, \$2 00-3 00.
HOGS—Receipts 2,300. Sales were at \$4 00-4 60.
SHEEP—No receipts. Natives, \$3 60-4 50.

GRAIN AND PRODUCE MARKETS.
Kansas City. October 19, 1891.
WHEAT—Receipts 71,000 bushels. No. 2 hard, \$3 80-4 00; No. 3 hard, 79-80c; No. 4 hard, 74-75c; No. 2 red, 80c; No. 3 red, 84c; No. 4 red, 79-82c.
CORN—Receipts 18,000 bushels. No. 2 mixed, 48c; No. 3 mixed, 46-47c; No. 4 mixed, 44-45c; No. 2 white, mixed, 52-53c.
OATS—Receipts 90,000 bushels. No. 2 mixed, 23-24c; No. 3 mixed, 25-26c; No. 4 mixed, 24-25c; No. 2 white and red, 27-28c.
RYE—Receipts 18,000 bushels. No. 2, 80c; No. 3, 75c.
CASTOR BEANS—We quote crushing, in car lots, at \$1 65 per bushel upon the basis of pure, and small lots 10c per bushel less.
FLAXSEED—We quote at 80c per bushel on the basis of pure.
HAY—Receipts for past 48 hours 390 tons. We quote: New prairie, fancy, \$6 50; good to choice, \$5 50-6 00; prime, \$5 00; common, \$3 50. Timothy, fancy, \$9 00; choice, \$8 50.

BROOMCORN—We quote: Pea green, self-working, 4-5c; yellow and red-tipped, do., 4-4-1/2c; dwarf, 3-4-1/2c; crooked, 2-2-1/2c.
Chicago. October 19, 1891.
WHEAT—Receipts 209,000 bushels. No. 2 spring, 94-95c; No. 3 spring, 87-88-1/2c; No. 2 red, 90c.
CORN—Receipts 90,000 bushels. No. 2, 53-54c.
OATS—Receipts 170,000 bushels. No. 2, 27-28c; No. 3 white, 30-30-1/2c; No. 3 white, 28-28-1/2c.
St. Louis. October 19, 1891.
WHEAT—Receipts 229,000 bushels. No. 2 red, cash, \$3 80-4 00.
OATS—Receipts 51,000 bushels. No. 2 cash, 48-49c.
OATS—Receipts 72,000 bushels. No. 2 cash, 27-27-1/2c.
HAY—Prairie, \$3 50-3 00; prime timothy, \$9 50-13 50.

WOOL MARKETS.
St. Louis. October 19, 1891.
 Receipts 100,200 pounds; shipments 5,100 pounds. Market quiet. Unwashed—Bright medium, 19-20c; coarse braid, 14-21c; low sandy, 11-17c; fine light, 18-21c; fine heavy, 12-18c. Tubwashed—Choice, 32-33-1/2c; inferior, 27-30c.
Chicago. October 19, 1891.
 Receipts last week 412,630 pounds. Kansas and Nebraska wools move steadily at prices same as formerly—10-17c for heavy, 20-25c for light fine, 17-18c for heavy fine medium, and 19-21c for light fine medium; average medium sold at 22-23c and light medium as high as 25c.

SHIP YOUR BUTTER, EGGS, POULTRY, CALVES, WOOL, HAY, POTATOES.
 [INCORPORATED.] Green & Dried Fruits, to **DURAND COMMISSION COMPANY,** 184 S. Water St., Chicago.
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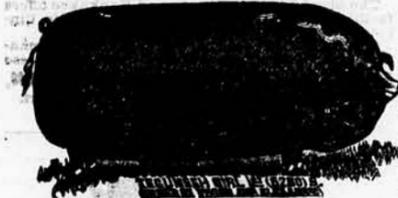
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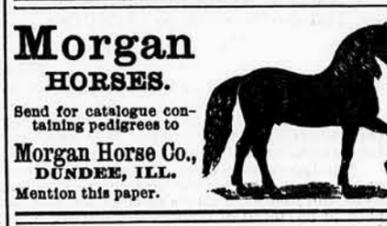
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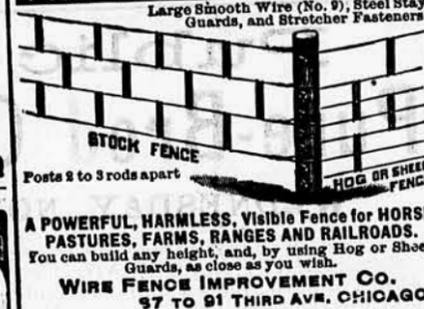
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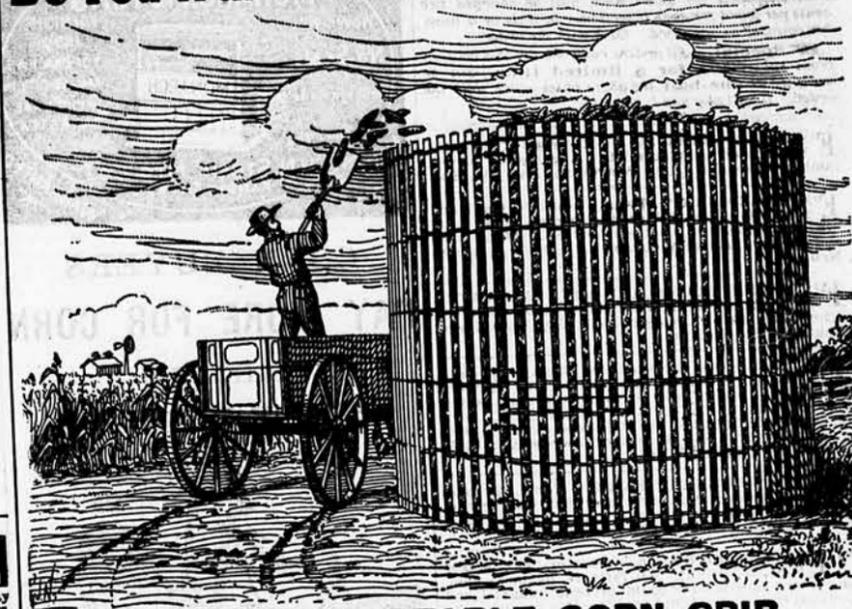
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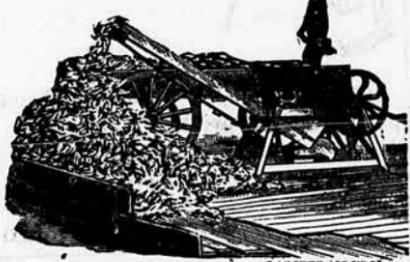
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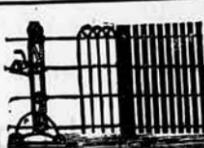
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seminal weakness, impotency, etc., resulting from youthful indiscretion, excesses in matured years and other causes, including some of the following symptoms, as dizziness, confusion of ideas, defective memory, aversion to society, blotches, emissions, exhaustion, varicocele, etc., are permanently cured. Impaired vitality in many men is caused by diurnal losses, and kidney troubles.
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TWO-CENT COLUMN.

For Sale, Wanted, For Exchange, and small advertisements for short time, will be charged two cents per word for each insertion.

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.

FOR SALE—Extra fine buck (cross of pedigree Southdown and Cotswold). A getter of strong lambs. Price \$10. John Whitworth, Emporia, Kas.

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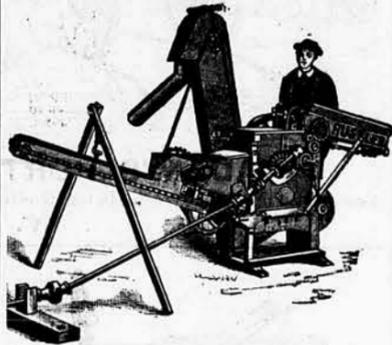
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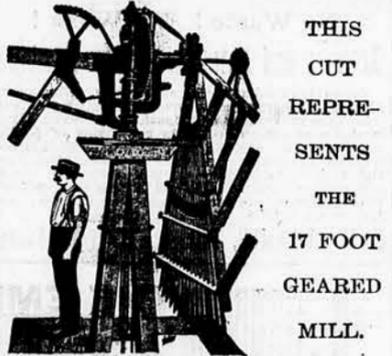
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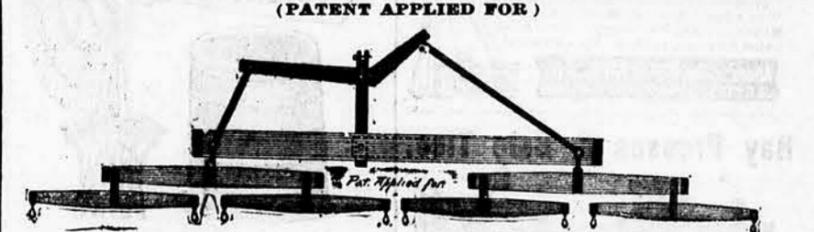
Public Sale of Pure-Bred Clydesdales!

WEDNESDAY, NOVEMBER 25, 1891,

I will hold my eighth annual sale of pure-bred and registered Clydesdale horses—about THIRTY-FIVE HEAD. Twenty-two mares and fillies, coming 2 years old and upward; eleven stallions, coming 2 and 3 years old. Highly-bred mares in foal to the great horses, Cedric, Macara and Prince of Newton.

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