

ESTABLISHED, 1863. VOL. XXIV, No. 9.

### TOPEKA, KANSAS, MARCH 3, 1886.

SIXTEEN PAGES WEEKLY

## KANSAS STOCK AND CROPS

Horses, Cattle and Sheep in Good Condition--Feed Plenty.

WHEAT GENERALLY PROMISING

Fruit Prospect Good, Excepting Peaches -- Farmers Sowing Oats and

BEGINNING THE SPRING WORK

Special Reports from Nearly Every County Direct from the Farmers.

The KANSAS FARMER has organized a corps of special reporters for the purpose of giving information at stated times in relation to the weather, crops and stock in Kan-We present this week our first report. It will be seen that sixty-eight counties are represented, enough to show the condition of the entire State. It should be stated that most of these reports came in a few days ear-lier than we desired. The intention was to get as close to February 28 as possible, but most of the reports were made up from three to five days before that, so that the showing may be taken as a mirror of Kansas on the 25th day of February. Conditions have not changed for the worse since.

The reports are answers to the following questions sent out from this office: (1) What was the general character of the winter in your locality? (2) How did the stock come through the winter? (3) What is the condition of stock? (4) Have the farmers feed enough to last till grass comes? (5) What is the condition of winter wheat? (6) What is the condition of fruit buds? (7) Has anything been done toward the spring farm work and what?

Allen County.-Winter very mild until January 8, and after that very severe for six weeks, stock came through well generally, condition good now except in neglected cases, plenty of rough feed, but short of corn along Neosho bottoms which overflowed last spring, condition of the wheat good, peaches all dead, other fruit all right, never so much fall plowing done before, spring plowing begun.

Anderson.-Colony.-Winter colder than usual, hard on stock, stock came through well, in good condition now, plenty of feed. Wheat in good condition. Average crop of fruit expected. Spring work further advanced than usual. Good deal of fall plowing done....Garnett.-December and February mild, January cold, stock came through in fair condition, corn scarce, rough feed plenty, great deal of fall plowing done. Atchison.—Winter was fair, stock came through all right, present condition fair, enough of feed, no fly in wheat, apple buds

good, peach dead, no spring work done yet. Barber .- Average winter, stock came through in good condition, all fed, and in good condition now. Feed plenty, wheat good, fruit mostly killed, farmers plowing for oats.

Barton.-Winter very cold, with worst storms ever known. Considerable loss of stock, present condition pretty good considering the hard winter, enough of feed with a few exceptions, wheat not winter-killed, fruit buds nearly all frozen, plowing for oats.

Brown.-Hiawatha.-Winter fine to Jan-

came through fairly well, some losses of hogs, present condition of horses, cattle and sheep fair, hogs below average, feed enough, wheat somewhat winter-killed, fruit uncertain, no spring work done....Fairview.-Cold January, stock came through with slight loss except hogs, present condition good, feed abundant, fruit doubtful, no spring

Butler.-Very severe winter, stock came through in good condition, and most of the farmers have enough feed, some fruit buds killed, no spring work done.

Chautauqua.-As hard a winter as ever known. Some stock came through pretty well-others not, present condition just tolerably good. Enough of feed, wheat good, majority of fruit killed, some plowing done

Cherokee.-Cold and disagreeable winter, stock came through very well and is in fair condition now, enough feed as a general thing, wheat fair, fruit buds good, some plowing done for oats.

Clay.-December mild, January cold. A few farmers lost stock during the bad weather of January, present condition fair, feed enough, wheat much better than a year ago, don't know about fruit, no spring work

Cloud.-December and February mild, January roughest eyer witnessed. A few lost stock from lack of shelter, present condition of stock good, feed enough for an ordinary spring, wheat thin but not damaged by winter. Peach buds all dead, other kinds all right, some spring work done.

Coffey .- Strawn .- December fine, January very cold and stormy, February mild, stock came through generally in fair condition, in average condition now, plenty of feed, 90 per cent of wheat alive, peach buds badly damaged, some oats sowed....Burlington.-Winter cold with plenty of snow, stock came through in good shape, in fair condition now, most farmers have enough feed, wheat in good condition, fruit buds except peach all right. No spring work done.

Cowley .- Most of the time winter was good-cold and clear, stock came through in splendid condition and are generally in good condition now. Hear no complaint of shortage in feed, fruit prospect good, getting ready to sow oats.

Crawford.-Except January the winter was mild and dry. Stock came through in good shape, present condition good, feed is plenty, wheat uncertain, fruit all right except peaches, good deal of fall plowing done, farmers pruning orchards, hauling manure and preparing for spring work.

Davis .- Winter mild and pleasant except January which was cold and severe, stock came through in good condition, present condition good, feed enough, wheat doubt-

Decatur.-December and February fine, January cold, with heavy snow, stock came through in good shape, in good condition now. All, except newcomers, have enough feed. Wheat condition the best we ever had, fruit buds appear all right, farmers are plowing for spring grain.

Dickinson.-Severe winter, stock came through well, present condition thin, healthy, majority of farmers have abundance of hay, straw is scarce, wheat all right, fruit uninjured except peaches, not much farm work done yet, some are plowing for oats..... Abilene. - Winter mild to January 1, severe from that to February 10, mild since,

now, feed enough, wheat nearly all killed, peach buds killed, some plowing done.

Doniphan.-Troy.-Winter cold. Stock came through very well, present condition good, feed plenty, peaches killed, apples all right, no spring work done, farmers hauling off last year's corn....Highland.—Winter cold, plenty of snow, six weeks sleighing, sheltered stock came through all right, present condition fair to good, feed generally plenty, winter wheat generally good, peaches killed, apples and cherries in good condition. No spring work done except breaking cornstalks.

Douglas.-Winter cold, stormy and severe Stock came through in good shape, average condition now, feed plenty and to spare, wheat doubtful, apples O. K., peaches killed no spring work done yet.

Edwards.-December and February mild, January severe. Stock came through fine except losses in storm of January 12, present condition first-rate, most farmers have enough feed, winter wheat good, fruit buds mostly sound, farmers hauling manure and waiting for the ground to dry out.

Ellis .- December pleasant, January the toughest I ever saw-snow, blizzards and cold, February pleasant. Loss of stock 10 per cent., present condition better than usual-more grain fed. Hay and coarse feed will be scarce, but plenty of grain is fed. Condition of winter wheat splendid. Peaches killed, other fruit buds all right, trees badly broken by snow drifts, some oats sowed on fall plowing.

Graham.-Winter very severe from January 1 to February. Stock came through mostly in bad condition, present condition bad, feed is very scarce, condition of wheat good, no fruit trees in bearing, no spring work done.

Harper.-Anthony.-Up to January 2 mild, January cold, February fine and pleasant, stock where sheltered came through all right, present condition fair to good, feed enough, early-sown wheat good, late-sown poor, apples O. K., peaches one-fourth alive, some plowing done, potatoes planted, gardens made.

Harvey.-December warm, January cold and windy, February changeable, not cold. Stock except hogs in good condition, hogs had cholera, hay and corn abundant, wheat stands thin but looks well, apples, pears and cherries all right, peaches killed, farmers hauling manure, breaking stafks, etc.

Jackson.-December open and mild, January cold-good sleighing, February pleas-Stock came through all right, except some without sheds perished, early-sown wheat looks well, late-sown doubtful, very little sown, peaches killed, others all right, very little spring work done yet except breaking stalks, spreading manure, etc.

Jefferson.-Winter mild except in Januuary, which was unusually severe. Stock came through in very good condition, farmers have plenty of feed, not much winter wheat sown, condition apparently good, peaches killed, other fruits O. K., no spring work done yet.

Jewell.-Severe cold and stormy in January, otherwise the winter was pleasant as usual. Hogs have not done well since the storms commencing about New Years, all other stock came through well, present condition fully good as usual, farmers have feed enough to last till grass comes and corn uary 1, very severe after that date, stock stock came through well, in good condition enough for another year, wheat all right,

fruit buds all right except in a few exposed

localities, no spring work done.

Johnson.—Winter was good, stock came through in fair condition, present condition good, feed plenty and a surplus, peach buds killed, other kinds all right, an unusual amount of fall plowing was done.

Leavenworth.-Very cold through January, rest of the winter mild, stock came through in fine condition, present condition fully up to the average, feed enough with a few exceptions, winter wheat generally good, apples all right, peaches killed, no field work done yet.

Lincoln.-Fine winter till January 1, then hard until February 10, since pleasant. Small per cent. of stock perished, rest came through all right and are now in good condition. Winter wheat thought to be good, not many bearing fruit trees, buds mostly killed. No spring work done, ground full of water.

Lyon. - Americus. - December pleasant, January severe, February mild and pleasant, stock came through mostly very well, mostly in fair condition now, plenty of feed, wheat 75 on a standard of 100, peaches killed, other fruits all right, farmers are plowing for oats. Wycoff.-Very cold and stormy throughout January, out pleasant during December and February, stock came through in very good condition, and present condition much better than a year ago, feed enough, hay is very abundant, no damage to wheat yet, apples all right, peaches much injured, great deal of fall plowing done, farmers preparing for spring work.

Marion.-Warion.-Very severe in January, extra care required for stock, that which was well cared for came through all right and is in good condition now, farmers generally have feed enough, wheat good as far as examined, fruit badly injured, farmers preparing for spring work .... Peabody .- Winter very cold, with twice as much sleighing as we ever had before. Stock, being well fed, generally came through in good shape, in good condition now except hogs, feed plenty, condition of winter wheat very poor -needs rain, peaches destroyed, hope to have some apples and cherries, farmers' breaking stalks, hauling manure, etc.

Marshall.-Coldest winter in many years, and lots of snow, stock came through as usual, present condition fair, enough feed, wheat looks splendid, peaches killed, other fruit O. K., no spring work done.

McPherson. - Winter quite severe and stormy, stock came through very well with few exceptions, present condition good except where not enough feed is given, feed plenty, wheat doubtful, supposed to be frozen out, fruit buds all good except peaches, no spring work done, east and west lanes filled with snow on the 20th inst.

Miami.-Winter cold and blustering, 22 deg, below zero, cattle came through fairly well, hogs poor, present condition same, most farmers have enough feed, peaches dead, other fruits fair, farmers preparing to

Mitchell.-Winter mild except January, some losses in sheep and hogs, other stock came through all right, present condition good, feed enough, wheat good, fruit good except peaches, no spring work done.

Morris.-Winter coldest since I came to the State-eight years ago, and more snow, no cattle lost, a few hogs frozen, stock in fair condition, fully as good as last year, hay plenty, corn scarce, wheat good, but little of

(Concluded on page 4.)

ha H T m su hi

he

### The Stock Interest.

Dates claimed only for sales advertised in the Kansas Farmer.

May 4 — Leavenworth County Short-horn Breeders, Leavenworth, May 4 — W. P. Higinbotham, Short-horns, Manhattan, Kas. day 19—Col W. A. Harris, Cruickshank Shori-horns, at Kansas City, Mo. day 26—Powells & Bennett, Short-horns, Indepen-

May 28—Foweris & December of the Community of the Communi

day and Wednesday of next Kansas City Fat

#### A HORSE DISEASE.

The following is a copy of Bulletin No. 10, Veterinary Department of the Michigan Agricultural College, treating of a horse, under the head—"A Disease Among Horses the Result of Injudicious Feeding:"

In the spring of the year it is generally a matter of much consideration amongst farmers to have their horses in the best condition possible to do the work necessary at this season, and after a severe winter, which we often have in northern latitudes, many matters in the shape of extra farm work accumulate, which would have, weather permitting, been done before; and there is the spring plowing to be done, which, with a good pair of horses up to their work and in high spirits, becomes a much lighter task for the lover of horseflesh who tills the soil. We can scarcely wonder then that such a man will feed his horses well, and upon the most nutritious food while they are resting, recruiting as it were, in order that they may be the better able to perform their various duties when the time comes, and thus, through the error of liberality, quite a number of animals are sacrificed, "killed by kindness" every year. Again we find at this season of the year that horses kept for pleasure, or very light work, are often compelled to remain in the stable for several days, owing perhaps to inclement weather, and as such horses are generally pretty liberally fed and in high condition, they are frequently affected with the complaint which I am about to describe; but before doing so perhaps it may be better to settle upon a name for the disorder. and although this may appear to some an easy matter, or maybe one of little importance, yet this very point has given rise to considerable controversy as to the cause, seat and other matters in connection with the disease-for instance, it has been called "congestion of the loins," but I have seen cases where the muscles of the shoulders were affected. In the State of Michigan I have from time to time seen the disease referred to in agricultural papers as "red water," but this is misleading from the fact that in some of the worst cases the water (urine) is not red: besides it differs from a disease of that name in the bovine tribe in several respects, among others the cause. Without, however, commenting at any length upon the name, let me say that the one by which it is generally recognized in this country by veterinarians is azoturia, a name given to it from the fact that the urine has been found to contain an undue proportion of nitrogen during an attack So adopting this cognomen, let us for a moment turn to the cause of the complaint, which in this case, as in all others, is the first thing to discover before we can hope to combat in an intelligent manner the invasion of the disorder; and in reference to it I may say, without going further, that experience has taught us beyond all reasonable doubt that the disease is caused by feeding horses too liberally upon

history, and may further say that those in a manner which corroborates what I myself have witnessed, so I think if I just briefly outline in familiar terms the history which I invariably get, it may the future, to-wit:

The horse was in good condition and well fed, but owing to certain circumstances had not been out of his stall for a day or two. Wien brought out he was in the best of spirits, never, perhaps, feeling better in his life; but in a variable time, from a few minutes to, say, a quarter of an hour, after being on the road it would begin to show symptoms of distress, and the change from what would appear to be robust health, to extreme prostration, is very alarming, indeed almost incredible, running its course and destroying life in a day or so; happily, though, this is a malady which, if dealt with judiciously, is often amena le to treatment.

This disease may occur at any season of the year, but in my experience is more prevalent in the early spring than at other times, owing, of course, to the fact that animals are more subjected to the exciting causes at this than at other

To be able to recognize the disorder in the early stages is a matter of importance, for the sooner appropriate remedies are administered the better.

THE SYMPTOMS

are usually very well marked, although we will once in a while meet with cases where it is not easy to recognize the disease at first sight; as a rule, though, the horse, after being driven and allowed to stand, will tremble, sometimes violently. The eyes will present a very anxious look; perspiration will run down the face; sometimes the whole body is bedewed with sweat. The animal, at this stage, generally paws with its fore feet and soon lies down, or it will crouch behind and appear as if injured across the back, having much difficulty in manipulating its hind legs when required to walk, when it eventually lies down and in many instances is unable to rise, although it may be able to get up on its fore legs and sit, as it often attained more than a few moments, when the poor creature will the urine, if voided or drawn away, is seen it described as being of the appearance of coffee, and, indeed, the comparison is striking. The breathing bedilated and red within. When the hind when pressed upon with the hand; the appear on the shoulders when the forequarters are affected. The pulse becomes elevated.

#### TREATMENT.

It has become a very thread-bare ex-

who have described the disease, did so hour or two until the bowels begin to act. It should be composed of soap and warm water. After about the first twelve hours the hot cloths may be left off, but the body should be kept commake an impression that will do good in fortable and clothed according to the season. In some instances great relief is afforded in an hour or two after the hot cloths have been applied, in which cases they may be discontinued. In those cases in which the animals become very uneasy and knock themselves about considerably I have found great benefit from the use of chloral hydrate, in doses of about four drachms, every two hours or oftener, until several doses have been given or the animal is influenced by the medicine. The urine should be drawn several times a day.

> After a day or two it is a good plan to get the horse upon its feet, and a few steps of exercise will often stimulate the blood vessels in the legs, and thus do much good. It is also a good plan to rub the legs thoroughly when it is possible to do so, say three times a day.

> I think in cases of this kind the services of a veterinary surgeon should be secured as soon as they can be, for nearly every case differs somewhat in the manifestation of its symptoms, and requires somewhat different treatment, so that the above can only be looked upon as a general outline, but at the same time such a course will have a good effect in ordinary cases—at least that has been my experience.

Still More About Hog Cholera.

Kansas Farmer:

Since I wrote you my last letter on hog cholera, I have been again in the sick-pen taking observations, treating some to cure and one herd for prevention. I have changed some opinions, confirmed others, and made some new di coveries, which I think will be interesting news to the readers of the FARMER.

I have changed my opinions about the disease traveling in the winter time. The cold weather of January did not check the disease in the least, but the cold weather made a division between the two diseases I spoke of last fall. were, like a dog; but this attitude is not The second disease I find had been discovered several years ago and called hog typhoid in a book by M. Pasteur, fall upon its broad-side. At this stage which has been handed me by a friend. I find that some French physicians had usually of a brownish-red color: I have discovered that cold applications were beneficial in typhoid fever. My observations in January confirms this in respect to hog typhoid. Pigs that were comes hurried, the nostrils often being sick would recover as soon as it came a quarters are apparantly most affected weather; consequently I have not Leen ranging in weight from 125 pounds to they will have a hard board-like feeling able to try my hand upon it. I have 200 pounds; he had lost one hog, had same condition of the muscles will actly resembles foot-rot in sheep. It hogs treated. The farm on the north fever; also those that may have been pression to say that an "Ounce of pre- rung, cut, or injured in any way. The their last kicks, half the little ones vention is worth a pound of cure," but hog I made this discovery on is a live were sick, none dead. Here between I know of no disease where this adage curiosity, which I now own. When he these two farms was an opportunity can be more appropriately applied than was given me he was unable to take for a test to see whether anything the one under consideration; so it goes anything more than a half pint of milk could be done with hog cholera or not, without saying, that horses which are as nourishment; he had a sloughing with the disadvantages against me of well fed should be exercised daily, or sore on one side four inches square; having so many small pigs to treat in else they are liable at any time, after a he had another large one in his mouth cold weather. I started in. After five day or more's rest, to come down with which prevented him from eating. I this disease. But when they do, the treated him for fever; he quickly re- the small pigs 50 per cent. recovered; course of treatment which I have found covered from that. The sores com- of the hogs ranging from 50 pounds to from time to time to be of much benefit, menced to increase. I then went to work is in the first place to give an active at them. I made no headway until his purgative consisting of about a quart feet began to come off. I then noticed bottle of raw linseed oil; as soon as this a resemblance between this and footnutritious food and not giving them any is poured over, the affected part should rot in sheep. I made some nitrate of exercise. I may say in this connection be covered with cloths wrung out of copper and dressed his feet and sores hands, sold at \$2 per head, it being that every case of this malady I have warm water and the whole covered with with it; that killed the rot. The sores 11 cents per pound. met with presented just about the same | oilcloth or other close fabric to keep the then commenced to heal. I managed to | Of the possibility of prevention I

neat in. An enema may be given every save the pig all but his feet. The germs of rot are little dainty fellows; they eat the lean and hide and leave the fat; are heat-producing, flourish to perfection in a manure pile where their heat can be sometimes used for forcing early vegetables; their little yet powerful digestive organs reducing the coarse materials into fine food for plants. Horses sometimes get them on their heels where they eat, leaving the fat. We talk then of greasy-heeled horses. Sheep kept on manure get foot-rot.

I am now pretty well confirmed about the fever germs living upon the hogs' blood. After opening several that had died with fever I was unable to find more than a half pint of blood in hogs that would weigh from 150 pounds to 200 pounds. I invite any of your readers to open some of the hogs that have died with fever and compare the amount of blood with that taken from a healthy hog killed for meat. I was amused and instructed some at a circumstance that happened last fall. I managed after considerable talk to persuade a farmer to allow me to put some of my remedy on the outside of one of his sickest hogs; nothing was to be given inwardly. Next day I went to see the results; I got them from the owner himself. He looked mad at me and said he did not know what in thunder (and other hard words) it was I had put upon his hog, but the like he had never seen before; an hour or two afterwards he went to look at it and it was all covered with flies. I asked about his other hogs if they were not the same. No, sir; the other hogs had no flies upon them; it was my stuff that had done it. The fact of the matter was, I had killed the minute fever germs, and through the small openings in the skin which they had made while living had come the blood upon which the flies were feasting. That hog managed to live through it all; the cholera, my stuff and flies did not kill it.

In the way of treatment for the fever I have again been successful in getting away with it. In one herd of twentyone that were more or less sick, eighteen recovered; one of the worst ones I took home. This is the one that had his feet come off. He is thriving now; his stumps are healing in good shape. I had to travel fifteen miles before I could obtain another herd for treatment. The herd I obtained was just in the State of Nebraska, one-half mile south of Fries's mill or old Cincinnati, the State line dividing two farms owned by different men, both of whom had cholera in their herds. The one on the Kansas cold spell and none existed during cold side had a herd of sixty-five head. discovered a third disease, which ex- several sick, but refused to have his looks like it, the odor is the same, it side where I got leave to treat had acts the same, and it yields to the same forty-five hogs, ranging from 50 pounds treatment. It is the sloughing sore on to 200 pounds in weight, sixty-eight fall some hogs that have been through the pigs, from pigs just weaned to 40 pounds; two large ones died, four in weeks the results are as follows: Of 200 pounds 75 per cent. recovered; all are in a thriving condition. The herd on the Kansas side, forty-five died out of sixty-five, the remaining twenty the owner, to prevent further losses on his

have tried only one herd-my brother's. He has a herd of 100 head of hogs. Three months ago I gave him some of my remedy to keep it away. The results so far are, his neighbors all round him having smaller herds have lost heavily, while he has not lost a single one. As to my remedy, I will say that justice to my family and myself does not at the present admit of me giving it to the public, yet I can say that the amount that will kill one hog will kill the parasites or germs of swine fever on 10,000 head of hogs. It is the astonishing effect of it in its most attenuated state which has encouraged me to keep working against an almost universal opinion that the disease could neither be prevented or cured. WM. BELSHAW.

Seneca, Nemaha Co., Kas.

## In the Dairy.

Modern Dairying.

A deputation representing the Bothwell Farmers' Club recently visited the Continent with the view of making inquiries as to the systems of dairy farming. They have now presented a report which concludes as follows:

1. In order to produce the highest class of butter it is essential that the utmost cleanliness in the dairy apartments and utensils, and by the dairy-maids themselves, be persistently observed. We think there is little difference in the cost of labor in the production of first-class and inferior butter.

2. In the circumstances of this district we consider that the system practiced here is as profitable as any other we can recommend. The whole milk, however, requires more careful management during the ripening process than when the separator is in use. Owing to their size, our churns are not adapted for washing the butter in them, but it might be taken off and washed in some other vessel while in the granular state.

3. The system of keeping a correct record of the produce of each cow, brought repeatedly under our notice, is deserving of attention and imitation, and should be followed up by selecting and breeding only from those cows which show the best milking proper-

4. That high feeding with the most economical feeding-stuffs will produce the most profitable results. Of course with such feeding the proper and careful treatment of both solid and liquid manure becomes of greater importance.

That technical education in all the branches of science bearing upon the practice of agriculture is becoming of paramount importance, and every effort should be made for the spread and promotion of such an education among our farmers and their sons. On the Continent great encouragement is given by the government in establishing and supporting various grades of schools having this end in view, and we think that all interested in the welfare of our home agriculture-farmers, land ownunite in furthering such objects to the utmost of their power.-English Live Stock Journal.

Charles A. Green, editor of Green's Fruit Grower, says: "We are always glad to recommend the 'ACME' Pulverizing Harrow,

used wood ashes in the same manner, and his potatoes were the most scabby he ever

#### Two Weeklies for \$2.

For \$2 we will send the KANSAS FARMER and the Weekly Capital and Farmer's Journal one year. A first-class agricultural paper and a State newspaper for almost the price of one paper.

Mr. Keith, member of the Maine Pomological Society, evaporated 900 bushels of apples in 1884, and finds the Baldwin the best; a bushel of second quality Baldwin will produce five pounds of dried fruit. The Roxbury Russet will produce more pounds to the bushel.

Onion seed may be sown very early in the spring, in fact as soon as the ground can be made ready to receive it. The soil should be well plowed, then harrowed, rolled and harrowed again, until thoroughly pulverized. It should then be raked clean of sticks, stones and clods.

Rotten corn cobs are said to be a valuable fertilizer on any soil that is deficient in potash, and their value is much enhanced by being rotted with other manure. In cleaning up hog pens, therefore, care should be taken to collect all the cobs, and mix them with the other refuse.

It is claimed that there are double the num ber of Jersey cows in the United States that there are in their native home, the Island of Jersey. We have in the different States and Territories 20,000 head; in Jersey there are but 10,000. The United States is a better place to select from than the Island of Jersey

#### An Invaluable Article.

An article like Ely's Cream Balm has long been desired, and now that it is within the reach of sufferers from Catarrh, Hay Fever and Cold in head, there is every reason to believe they will make the most of it. Dr. W. E. Buckman, W. E. Hamman, druggist, and other Eastonians have given it a trial, and all recommend it in the highest terms.-Easton, Pa., Daily Argus. Price 50c.

#### Grand Public Sale.

In the event that you have failed to see their handsome advertisement, your attention is directed to the public sale to be held by Leonard Bros., at Mt. Leonard, Mo., April 6th and 7th, 1886. There will be 600 head of thoroughbred Aberdeen-Angus, Galloways, Short-horns, cross-breds and grades, both males and females. But to learn all about it you must look up the advertisement

#### Hog and Pig Rings.

We desire to draw the attention of those who are not fully acquainted with these goods, to the advertisement of Chambers, Bering, Quinlan & Co., Decatur, Ill., who have made a specialty of manufacturing the best articles in this line for the past fifteen years. They make Brown's Elliptical ring (which is a single ring, adapted for pigs as well as hogs), and the Champion Hog Ring, which is the only double ring ever invented. The excelling feature of both of these rings is that while they effectually keep swine from "rooting" they close on the outside of the nose, leaving no sharp points in the flesh to cause irritation and soreness. The firm also manufacture ringers and the Champion Hog Holder, to be used in connection with the rings.

#### Prepared Roofing.

We beg to call the attention of our readers to the advertisement of M. Ehret, Jr., & Co., of St. Louis, Mo., which appears in another The Black Diamond Prepared ers, legislators, and all others-should Roofing, made and sold only by this firm, has established for itself an excellent reputation throughout the West. It is neat, light, durable and moderate in cost, and is adapted for roofs of any character, whether flat or steep. We cheerfully recommend it to any of our readers who want a roof which is strictly waterproof, practically fireproof, and which can be easily and rapidly put on than any other tool on the farm, and we use no other Harrow." See advertisement on page 15.

S. Dill, of Phillips, Me., writes to the American Cultivator that he prevents scab on potatoes by the free use of wood ashes.

J. P. Wyman, of Arlington, Mass., says he

#### BREEDERS' DIRECTORY.

Oards of three lines or less, will be inserted in the Breder's Directory for \$10.00 per year, or \$5.00 for six months; each additional line, \$2.00 per year. A copy of the paper will be sent the advertiser during the continuance up use eard.

#### HORSES.

H. W. McAFEE, Topeka, Kas.—For sale, six extra dale Horses. Three miles west of Topeka, 6th 8t. road.

TWO IMPORTED CLYDESDALE STALLIONS for sale on good terms. Both noted prize-takers in Kansas and Iowa. Address Robert Ritchie, Peabody, Kas.

J. M. BUFFINGTON, Orford, Kas., importer and breeder of Norman and Clydesdale Horses. Twelve Imported and 4-rade Stallions for sale.

#### CATTLE.

T. M. MARCY & SON, Wakarusa, Kas., have for sale Registered yearling short horn Bulls and Helfers of each one carload. Come and see.

DAVIS & CHANDLER, Lamar, Mo., have thirty-five head half-blood Galloway Bulls—1-year-olds, for sale All solid blacks.

WALNUT PARK HERD — Pittsburg, Kas. The largest herd of Short-horn Cattle in southern Kan-sas. Stock for sale. Cor. invited. F. Playter, Prop'r.

W. D. WARREN & CO., Maple Hill, Kas., import-oughbred and grade bulls for sale. St. Marys railroad

J. S. GOODRICH, Goodrich, Kas., breeder of Thor-bred and half-blood Bulls for sale. 100 High-graje Cows with calf. Correspondence invited.

FISH OREEK HERD of Short horn Cattle, consist-ing of the leading families. Young stock and Bronze Turkeys for sale. Walter Latimer, Prop'r, Garnett, Ks.

CEDAR-CROFT HERD SHORT HORNS.—E. C. Evans & Son, Propr's, Sedalia, Mo. Youngsters of the most popular families for sale. Also Bronze Turkeys and Plymouth Rock Chickens. Write or call at office of Dr. E. C. Evans, in city.

BROAD LAWN HERD of Short-horns. Robt. Patton. Hamlin, Kas., Prop'r. Herd Lumbers about 120 head. Bulls and Cows for sale.

A LTAHAM HERD. W. H. H. Cundiff, Pleasant horn Bulls for sale. Among them are two Rose of Sharons and one aged show bull. None but the very best allowed to go out from this herd; all others are castrated.

#### CATTLE AND SWINE.

PLATTE VIEW HERD-Of Thoroughbred Short-horn Cattle, Chester White and Berkshire Hogs Address E. M. Finney & Co., Box 790, Fremont, Neb.

H. & R. L. McCORMICK, Piqua, Woodson Co., Kas., breeders of Short-horn Cattle and Berkshire Swine of the finest strains. Young stock for sale. Correspondence invited.

ROME PARK STOCK FARM.—T. A. Hubbard, Wellington. Kas., breeder of high-grade Shorthorn Cattle. By car lot or single. Also breeder of Poland-China and Large English Berkshire Swine. Inspection invited. Write.

A SH GROVE STOCK FARM.—J. F. Glick, High-land, Doniphan county, Kansas, breeds first-class THOROUGHBRED SHORT-HORN CATTLE

POLAND-CHINA SWINE. Young stock for sale. Inspection and correspondence invited.

OAK WOOD HERD, C. S. Eichholtz, Wichita, Ks. Live Stock Auctioneeer and breeder of Thorough-bred Short-horn Cattle, Poland Chinas & Br'nze T'rkys.

DR. A. M. EIDSON, Reading, Lyon Co., Kas., makes a specialty of the breeding and sale of thoroughbred and high-grade Short-born Catt. Hambletonian Horses of the most fashionable strain, pure-bred Jersey Red Hogs and Jersey Cattle.

SHORT-HORN PARK, containing 2.000 acres, for sale, Also, Short-horn Cattle and Registered Poland-China. Young stock for sale, Address B. F. Dole, Canton, McPherson Co., Kas.

WOODSIDE STOCK FARM.—F. M. Neal, Pleasant Run, Pot-awatomie Co., Kas., breeder of Thor-oughired Short-horn Cattle, Cotswold Sheep, Poland-China and Berkshire Hogs. Young stock for sale.

#### SWINE.

V. B. HOWEY, Box 103, Topeka, Kas., breeder of the finest strains of Improved Poland-China Swine. Breeders recorded in Ohio Poland-China Rec-ord. Young stock and sows in pig at prices to suit the times. Write for what you want.



Registered POLAND-CHI-NA and LARGE BERK-SHIRES. Breeding stock from eleven Sates. Write F. M. Rooks & Co., Burlingame, Kas., or Boonville, Mo



CATALPA GROVE STOCK FARM. J. W. Arnold, Louisville, Kansas, breeds Recorded POLAND-CHINA SWINE AND MERINO SHEEP.

The swine are of the Give or Take, Peri other fashionable strains. Stock for sale in pairs not related. Invite correspondence or inspection of stock

OUR ILLUSTRATED JOURNAL.—A full and com O plete history of the Poland-Unina Hog, sent free on application. Stock of all ages and conditions for sale. Address J. & C. STRAWN, Newark, Ohio.

P. W. ARNOLD & CO., Osborne, Kas., breeders of Poland-China Swine. Stock recorded in O. P.-C. R. Combination 4989 (first premium at State fair 1884) at head of herd. Stock for sale. Satisfaction

#### POULTRY.



A D. JENCKS, 41 Polk street, North Topeka, Kas., breeder of PLYMOUTH ROCKS. Hawkins, Pikki and Conger strains, Ben Hur and Jumbo hear the yards, For sale, a few choice Co kerels and Pullets Eggs for sale now.

FAIRVIEW POULTRY YARDS.—Eegs for hatching: P. Rocks, Langehans, Houdans, S. C. B. Leg-horns, L. Brahmas and Wyandottes—\$1.50 per 13, \$2.76 per 25, and \$1.00 per 40 eggs. Birds for sale. No cliculars. Write your wants. Postals noticed, Mrs. G. Taggart, Lock box 754, Parsons, Kas.

HAESTEAD POULTRY YARDS, — Choice Light Brahms, Brown Leghorn, Plymouth Rock and Partridge Cochin Chickeus and ince Pekin Ducks, Address A. & W. C. Petrie, Halstead, Kas.

TGGS.—For nearly three (3) years I have been collecting choice birds and choice stock, without offering any for the market. I am now prepared to furnish a few eggs of the following varieties. The large White Imperial Pekin Duck, \$1.50 per 14 (two settings) Light Brahma, Plymouth Rock and Rose comb Leghorns, \$1 25 per 13 Also eggs of the "Kentucky Blues," bir s of the finest egg-producing qualities, at \$1 per 13. J. W. Hile P. O. box 237, Valley Falls, Kas.

KAW VALLEY APIARY AND POUL-TRY YARDS.— Hughes & Tatman, Proprie-tors, North Topeka, Kas.

BRONZE TURKEYS-\$7.00 per pair, \$10.00 per trio.
Bred for size and beauty. Alex. Robinson, Tyner,

BRONZE TURKEY GOBBLERS - \$3.00 each. \$4.00 after March 1st. Mrs. E. C. Warren, Eudora Douglas Co., Kas.

MAMMOTH BRONZE TURKEYS - From extra large stock, at \$3 sach, \$8 per trio. Pekin Ducks, \$3 per pair, \$4 per trio. Plymouth Rock Chickens, \$2 each. Address H. V. Pugsley, Piattaburg, Mo.

8. HAWLEY, Box 153, Topeka, Kas., breeder of

PARTRIDGE COCHINS, BROWN LEGHORNS, PLYMOUTH ROCKS.

Send for Circular.

N E08HO VALLEY POULTRY YARDS.— Established, 1870. Pure-bred Light Brahmas, Partridge Cochins, Plymouth Rocks. Eggs in season. Stock in fall. Write for prices. Wm. Hammond, box 190, Emporia, Ks.

N. R. NYE, breeder of the leading varieties of Choice Cular, Leavenworth, Kansas. Send for circular.

#### MISCELLANEOUS

BARNES & GAGE, Land and Live Stock Brokers, Junction City, Kas., have large lists of thorough-bred Cattle, Horses and Ho.s. Special bargains in fine indiviouals. Correspondence solicited.

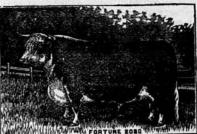
S. URMY, 137 Kansas avenue, Topeka, Kas., Live Stock Auctioneer. Sales made in any part of the State. Correspondence solicited.

S. A. SAWYER, Manhattan, Kas., Live Stock Auc., tioneer, Sales made in all the States and Canada Good reference. Have full sets of Herd Books. Compiles catalogues

DETLOR & GUSTIN, Veterinary Surgeons, 151 Jack-veterinary college. Special attention paid to the treatment of all Diseased Horses and Cattle Also examined for soundness. Horses boarded while under treatment if required. Horses boarded by the week or month. Vicious, kicking and runaway horses broken and handled to drive single or double. Horses bought and sold. All calls by letter or telegram promptly attended to.

#### MT. PLEASANT STOCK FARM,

J. S. HAWES, Colony, Kas.,



IMPORTER AND BREEDER OF

#### HEREFORD CATTLE.

I have one of the largest herds of these famous cattle in the country, numbering about 250 heard. Many are from the noted English breeders: J. B. Greene B. Rogers. P. Turner, W. S. Powell. Warren Evans T. J. Carwardine and others. The bulls in service are: FORTUNE, sweepstake bull, with five of his get, at Kansas State Fairs of 1882 and 1883; 1885, first at Kansas City, St. Louis and St. Joe. Imp. Lord Wilton bull

ton ball
SIR EVELVN; and
GROVE 4th, by Grove Sd.
To parties wishing to start a herd, I will give very
low figures. Write or come. Ser Colony is in Anderson county, Southern Kansas R. R., 98 miles south of
Kansas City.
—Parties writing to J. S. Hawes will please mention
that they saw his advertisement in Kansas Farmer.

PROF. R. RIGGS, V. S. and Horse Educator, or performs all surgical Operations on HORSES and CATTLE. Custrating Ridging Horses and Spaying Heiters a specialty Success Guaranteed.

a specialty Success Guaranteed.

He performs the operation on Ridglings by a new method, using no clamps, and takes the testicle out through its natural channel without the use of a knife except to open the scrotum. The horse can be worked every day. The success which has attended Prof, Riggs in the performance of this operation has pronounced him one of the most skillful and successful operators in the country Address PROF R, RIGGS, V. S. Wichita, Kas.

POULTRY.

Eggs-From pure bred P. Rocks and P. Coching, 19,00 per 13 or \$5,00 per 39. Fair hatch guaranteed R. References: -C. C. Arnold, V. S., Wichita, Kas. Dr. A. Stauley, V.S., Newton, Kas.: Dr. H. A. Freeland, V. S., Pesbory, Kas.: Dr. H. A. Freeland, V. S., Pesbory, Kas.: Dr. H. A. Freeland, V. S., Sunkey, V. S., Sankey, V. S., Wichita, Kas.: Dr. A. Stauley, V. S., Newton, Kas.: Dr. H. A. Freeland, V. S., V. S., Newton, Kas.: Dr. Dr. C. Welsle, V. S., Salina, Kas.: Dr. Ducks. Mark S., Salisbury, Box 31, Kansas City, Mo.

One Dollar Per Thirteen For Eggs from My choice Plymouth Rock Fowls and extra Pekin Ducks. Mark S., Salisbury, Box 31, Kansas City, Mo.

(Continued from page 1.)

it sowed, don't know about fruit, some fall plowing done, good deal of tame grass seed will be sowed soon.

Neosho .- Cold and stormy through January, stock wintered well, present condition good, no losses, feed plenty, wheat looks to be killed, good deal of plowing done.

Norton .- Winter cold with much snow and wind, stock came through very well, present condition good, most of the farmers have feed enough, can't say about fruit, only few trees here, no spring work done.

Osborne.-Winter mild except January, considerable loss of stock, at present most of the stock is in good condition, feed enough in nine cases out of ten, wheat very good, uncertain about fruit .... Downs.-January cold, worst storms on record, stock came through in good shape generally, present condition generally good -better than most years, feed plenty, wheat believed to be all right, peaches killed, plowing has commenced, snow banks about all gone.

Ottawa. - Delphos. - Severest winter in twenty years, some losses in stock, present condition excellent, feed plenty and to spare, wheat good now, the only spring work done yet is head work .... Minneapolis .- Winter mild except January, which was very severe, stock came through well, present condition good, feed enough, wheat believed to be all right yet, peaches gone, other fruit O. K., farmers breaking stalks.

Pawnee.-Winter cold and severe after Christmas, all stock that had feed and protection came through fine, present condition mostly good, most of the farmers have plenty of feed and to spare, wheat in fine condition, fruit buds mostly good, plowing done in December.

Phillips.-Winter cold and steady, more snow than I ever saw since county first settled, stock are looking well, some complaint about abortion in cows, feed is plenty, condition of wheat good except on bare places, fruit good except peaches, ground in good condition, but little spring work done yet.

Reno.-Arlington.-December mild, January very cold, with wind, more snow than usual, loss of stock light-not more than 1 per cent., present condition not as good as it was in the fall, some are buying feed but there is enough among the farmers for sale to supply all, sod wheat good, on old ground badly frozen, don't know about fruit, farmers husking corn .... Hutchinson. - Most severe winter since settlement of county, stock that was well cared for came through all right, present condition fair, probably feed enough, wheat generally good, peaches mostly killed.

Republic.-December mild, January and until February 10 very cold with heavy snows, sheltered stock came through well, some losses among unprotected animals, heavy losses among hogs from cholera, present condition of stock good except hogs, abundance of feed, wheat excellent,

Rice.-January severe, lowest temperature 24 deg. below zero, February mild, snow nearly all gone, considerable loss of hogs by smothering and by cholera, stock well cared for is in good condition, wheat looks wellnever better, peaches killed, rest O. K., feed is abundant.

Rooks. - Winter mild except January, much stock lost in January storms, remainder in good condition, feed enough if we have no severe storms, winter wheat very good, can't tell about fruit, farmers getting ready for spring work.

Russell.-Winter very severe after January 1 to February 8, about 2 per cent. of condition of stock fair, feed enough, drilled | a careful reading. wheat very good, broadcast poor, near killed, other fruit all right, a good deal of spring wheat and oats have been put in.

Saline.-Winter very cold and stormy with an unusual fall of snow, small per cent. of loss in stock from exposure, generally in good condition now, majority of farmers have plenty of feed, wheat injured, too soon to tell how much, peaches killed.

Shawnee.-December and February mild, January very cold, with a good deal of snow, the only stock losses were among hogs from cholera, present condition good, feed enough, peaches killed, too soon to decide about

wheat, spring work begun, some oats sown. winter I have experienced during a resi- to express his feelings.

dence of fourteen years, stock came through all right except those frozen to death, present condition better than a year ago, feed plenty, wheat very good, peaches and Early Richmond cherries killed, great deal of fall plowing done.... Belle Plaine. - January very cold, nine inches snow, stock came through well where cared for, present condition 90 per cent. good, most farmers have plenty of feed, 10 per cent. are short, winter wheat good-that in stalks the best, peaches all killed, blackberries and cherries badly hurt, some fall plowing done.

Trego.-Winter very pleasant to January, cold, stormy and changeable since, heavy losses especially among range cattle, present condition poor and weak except where grain fed, feed not generally enough, rough feed scarce and held at high prices, wheat 25 per cent. winter-killed, fruit buds killed, too wet to plow old land, too early to break raw land.

Wabaunsee.-December pleasant, January and first half of February stormy and unusually cold, stock very much reduced in flesh, healthy now but thinner than usual, feed plenty and to spare, peaches injured, wheat mostly good, injured in some places by freezing.

Washington .- Winter unusually severe, but sheltered stock came through in good condition, at present free from diseases, feed enough, wheat quite promising, peaches all killed, no spring work done, two-thirds of corn crop of '85 yet in cribs.

Wilson. - Severe winter, stock came through in good condition and are now better than usual at this time of year, plenty of feed and to spare, wheat fair, but little winter-killed, no peaches, spring work commenced, oats sowed on the 18th inst., more fall and winter plowing than ever before.

Woodson.-Winter cold, no rain, but much snow, no losses among stock except chickens, condition of stock generally good, plenty of hay but not much grain, wheat good, peaches injured, a great deal of fall plowing and tree planting done.

Wyandotte. - January unusually cold. stock generally sheltered, no losses by freezing, present condition good, very few hogs survived cholera, hay and corn to spare, wheat all right yet, peaches gone up, more fall plowing done than ever before.

#### A Good Record.

In the seed catalogue of J. H. Gregory, of Marblehead, Mass., page 10, is found the following extract from a letter of D. S. Lyon, Sollsville, N. Y.: "This makes twenty-one years we have used your seed and always to our complete satisfaction.' In our advertising columns Mr. Gregory offers to send his catalogue of such seed as this, free to all mankind.

Mexico is said to possess only about 100 factories of all kinds, owing to the paucity of water and the high cost of fuel. These factories employ about 13,000 hands, and those devoted to weaving contain 9,500 looms and 250,000 spindles. The largest cotton mill is at Queretaro, employs 1,400 hands, and manufactures the unbleached cloth worn by all Indians.

#### Burpee's New Vegetables.

The new improved varieties of vegetables advertised in this paper by W. Atlee Burpee & Co., the Philadelphia seedmen, are well worthy the attention of all who take delight in a fine garden. Messrs. Burpee & Co. guarantee these new seeds to fully sustain the descriptions given, and the marked success attending all varieties introduced by them is ample assurance that entire confidence may be placed in their representastock died from effects of storms, present tions. Their large advertisement will repay

> A lunatic who escaped from the hospital for the insane at Buffalo two years ago, and has since been wandering over France and Great Britain, returned to his home the other day, perfectly cured, it is reported.

We take pleasure in calling the attention of our readers to the card of Mr. Mark S. Salisbury in the Poultry Breeders' column, which begins its fifth consecutive year with this issue of the FARMER.

The English language consists of about 38,000 words, yet when a man is pulling on a tight boot or waiting for his wife to dress, Sumner.—Wellington.—The most severe he nearly always invents a few extra words

Gossip About Stock.

Franklin county now has a Short-horn association, recently organized at Ottawa, Kas. Breeders everywhere should organize

The annual meeting of the Holstein-Friesian association of America will be held at the Genesee Hotel, Buffalo, N. Y., Wednesday, March 17.

The Howard Courant tells in its last issue of a thirteen-month's-old shoat which weighed 545 pounds and boasts that the record cannot be beaten. Next.

The Leavenworth county Short-horn Breeders' association have decided not to hold a public sale this spring, and have accordingly withdrawn their dates.

Walter Morgan & Son, Irving, Marshall county, Kas., will hold a public sale of Hereford cattle, March 26, further particulars given ın advertising columns later.

A Horseman's Association has been formed at Eldorado, Butler county, Kans., for the purpose of buying grounds and erecting buildings for the purpose of holding annual fairs for speed horses.

It is a pleasure to chronicle the fact that the new breeds of cattle are gaining a foothold in Kansas. Our friend, J. S. Goodrich, of Goodrich, Linn county, this week advertises a public sale of 70 Galloway cattle, to take place March 11.

Col. W. A. Harris, of Linwood, Kas., and Prof. E. M. Shelton, of the Kansas State Agricultural College, have been off to Canada to secure more of those inimitable Cruickshank Short-horns.

The past winter weather has not been as hard on the cattle of Southern Kansas as at first supposed. Drum & Snyder have upon their range 12,000 head of cattle-all steers -and after carefully riding over their territory found only six dead.

The Cherokee Strip Live-Stock association will hold their spring meeting at Caldwell, Kans., on Tuesday, March 23d, instead of the 16th, as heretofore announced, thus giving those concerned in the matter a better opportunity to see what kind of a spring there will be and the prospect for early grazing.

W. D. Warren & Co., received on February 27, from quarantine at Garfield, N. J., in connection with Offord & Sexton's English Shire horses, eighteen head of thoroughbred Red Polled cattle, consisting of eight young bulls and ten young heifers; the herd now numbers 40 head, the largest herd of this breed west of the Mississippi, probably the largest in the United States

As will be seen by the advertisement in another column, there will be an important auction sale of 200 head of high-grade Shorthorn cows, having five or more thoroughbred crosses, making them practically thoroughbreds. They are equal in beef qualities, to many of the thoroughbred herds, and just what western ranchmen need to raise their own bulls from. The St. Mary's College herd is an old one and generally well known to most western stockmen. Write Brother Patrick Kehoe at St. Mary's Kan., for fuller information, if desired.

Hundreds of stallions are now annually being imported from France to the United States. The immense wealth they are adding to the nation will be better understood from the estimate that the first cross of a Percheron stallion with a native mare doubles the selling value of the colt when mature. The accomplishment of these grand results are greatly due to the energy of one man, to whom the American people are greatly indebted, he having imported and distributed to almost every State and Territory, nearly 2,000 Percheron horses. A visit to Mr. M. W. Dunham' Farm," at Wayne, Illinois, will give new ideas of the magnitude of the horse improvement of the country.

#### Kansas City to Decatur, Ill., Without Change of Cars,

Via Wabash, St. Louis & Pacific railway. We are now running a through coach from Kansas City to Decatur, Ill., leaving Kansas City at 7:35 p. m., via Moberly, Hannibal, Jacksonville, Springfield, etc. This coach is attached to our regular through Toledo train at Hannibal, and passengers for points east of Decatur can make the change on the train at any time before reaching Decatur. This practically gives us a through train in the South was raised by white labor.

from Kansas City to Decatur, Danville Peru, Ft. Wayne, Toledo and Detroit. Give us the business. H. N. GARLAND,

Western Passenger Ag't. C.W. GREEN, Traveling Passenger Ag't.

#### Butler County Items.

Kansas Farmer:

Butler, one of the best farming and grazing counties in the State, is situated rather in the southeastern portion, and is populated with a thrifty, energetic and well-educated class of farmers. Much the largest portion of the land is of the best quality for farming, being excellent soil and slightly undulating. The rest is productive of excellent grass for grazing and is well watered. Of course, we have some poor land, and we think, or rather know, our friend Henry Butler was so unfortunate as to settle in that portion of our county east of Douglass known as the "Flint Hills." But, friend Butler, you should not judge all portions of the county by the portion you live in. In our vicinity we know of but very few farmers who have had to buy their corn, and they usually get all they want of their neighbors. And we do not know of a single instance in which any went to Douglass after corn and returned without it. In traveling over this portion of the county you will, with scarcely an exception, find the farmers have wintered through their stock much better than expected, notwithstanding this has been the most severe winter ever witnessed in Butler county, with about as much feed now on hand as usual this time of the year. Besides, they are very hopeful as to coming crops and future prospects, universally saying the outlook for the future was never as bright before in this county.

Our friend further speaks of the exorbi tant rates of interest charged by our moneyloaners. Now, friend Butler, you certainly know your statement concerning rates of interest is not true, as men here can get all the money they want for 10 per cent. and sometimes less. At least we will ask you to come over and we will see if we cannot help you out a little. It is true here, as in all Western States, and no worse than in Nebraska and Iowa, that most of our farms are more or less encumbered. But, upon investigating, will find they have used the money obtained in improving their farms in various ways, thus increasing the value of their property and the country in general, making their home more attractive and enjoyable. Who ever witnessed a State, or, in fact, any section of country, so improved in population, wealth and class of citizens as our noble Kansas? Before you can realize it the broad rolling prairies are checkered over with hedges and dotted by fine houses and barns.

Just look back seven years ago, brother Butler, and there was scarcely a two-story house to be found any place, and to-day you can stand most any place and count from ten to fifteen. No, brother Butler, let us, instead of finding fault with our noble State, rather rejoice at the rapid rate it is advancing, soon to catch up and outstrip her older sisters in wealth, class of citizens and influence. Just give us two good crops, with a continuation of the management displayed by our farmers the past two years, and we will see a greater part of our farmers out of debt.

The wheat in this section of the country never looked better than at present. The prospect for fruit is good with perhaps the exception of peaches, some reporting them entirely killed, others say they are all right yet. Farmers here will be sowing their oats by the time this appears in print, if the weather continues as it now is. Some are already planting, and the acreage this year will be very large. VOTAW.

#### Mr. Hanna, Stand Up, Please. Kansas Farmer:

I want to ask Mr. Hanna, through the KANSAS FARMER, what premiums Black Rosa Corwin, No. 3217, has taken. In what counties, and at what fairs? 1 would like for him to inform the subscribers of this fact, for I never knew Black Rosa Corwin to take a prize. Mr. Hanna, please answer, and oblige A SUBSCRIBER.

For cuts from barbed wire fence, sore shoulders, kicks and open sores on animals, use Stewart's Healing Powder, 15 and 50 cts. a box.

More than half of last year's cotton crop

#### THE MARKETS.

By Telegraph, March 1, 1886. LIVE STOCK MARKETS.

New York.

BEEVES-Receipts 104 carloads for market and 96 carloads for exportation. Strong and higher Common to prime steers were 4 00a6 10 live weight; dry cows, old oxen, and rough stags 3 00a

SHEEP-Receipts 56 carloads. Market firm and higher, with early clearance at 5 00a6 50 for sheep and 6 00a7 75 for yearling lambs,

HOGS--Receipts 121 carloads, all for slaughter ers direct. Market nominally steady at 4 30a4 60.

Kansas City.

CATTLE-Receipts since Saturday 869. The market to-day was slow and weak for shipping grades, and steady for butchers' and feeding steers. Sales ranged from 3 80 for Texas steers to 5 00 for best native shippers.

HOGS-Receipts since Saturday 5,160. There was a steady and moderately active market today for choice heavy and choice light, while mixed packing grades were weak and 5c lower. Extreme range of sales 3 60a4 10, bulk at 3 75a3 85.

SHEEP-Receipts since Saturday 2,431, Mar ket active and firm for good. Sales; 65 natives av. 94 lbs. at 4 35; 125 natives av. 77 lbs. at 4 00; 162 natives av. 86 lbs. at 4 00; 101 natives av. 74 lbs at 3 80; 254 lambs av. 27 lbs. at 4 35; 236 ewes av

#### PRODUCE MARKETS.

New York.

WHEAT-Receipts 82,050 bus., exports 12,985 bus. Spot a shade firmer but quiet; options opened firm and advanced 1/4a1/2, and ruled easy, closed lower. Sales: 285,000 bus. futures, 32,000 bus. spot. No. 2 red, 941/2 afloat; No. 2 red. March, 921/a931/4, closing at 923/4; April, 933/a943/8, clos

ing 93%; May, 94%a96%, closing at 95%. CORN—Spot, lower; other options steady. Receipts 435 bus., exports 46,518 bus. Sales: 592.000 bus. future and 246,000 bus. spot. Ungraded, 45a 51 $\frac{1}{2}$ ; No, 2, 49 $\frac{1}{2}$  in elevator, 50 $\frac{1}{2}$ s afloat.

Kansas City.

WHEAT-The market to-day on 'change was about steady but quiet, as there were no sales of any of the different grades, either for cash or future delivery. No. 3 Soft Winter Wheat—Cash, 69 bid, 70 asked; March, 70 bid, no offerings. No. 2 Soft Winter Wheat-Cash, no bids, nor offerings; March, 841/2 bid, 851/2 asked. No. 2 Red Winter Wheat-Cash, 721/2 bid, 721/2 asked; March, 72 bid,

CORN-The market to-day on 'change was stronger but buyers and sellers were generally apart in their views as there were no sales either for cash or future delivery of any of the different grades. No. 2 Corn—Cash, 28¾ bid, 28½ asked; No. 2 White Oorn—Cash, 30½ bid, 31 asked.

OATS-No bids, nor offerings.

RYE—No bids nor offerings.

BUTTER—Receipts of all kinds fair and the market slow. We quote: Creamery, fancy, 28c; good, 25c; fine dairy in single package lots, 20c; storepacked, in single package lots, 10a12c; common, 4a5c; roll, 8a12c, according to quality.

EGGS-Receipts large and market weak at 121/80 per dozen in round lots. Demand from shippers

CHEESE-Full cream 12c, part skim flats 9c,

Young America 13c.

POTATOES-Irish potatoes, choice and of one variety in carload lots, 65a70c per bus. Sweet potatoes, red, 75c per bus; yellow, per bus, 1 00a1 25 BROOM CORN-We quote: Hurl, 12c; self work-

ing. 8a9c; common red-tipped, 7c; crooked, 51/2a6c. PROVISIONS-Following quotations are for round lots. Job lots usually 1/4c higher. Sugar cured meats (canvassed or plain): Choice hams according to size, 83/4c; breakfast bacon, according to size, 7c; dried beef, 9c. Dry salt meats: Clear rib sides, 5 30; long clear sides, 5 20; shoulders 3 60: short clear sides 5 50. Smoked meats: Clear rib sides, 5 80; long clear sides 5 70; shoulders, 4 00; short clear sides, 6 00. Barrel meats: Mess pork, 10 75, mess beef, extra, 8 50.

HAY-Receipts 28 cars. Best weak; low grade very dull and weak. We quote: Fancy small baled, 6 00; large baled, 5 50; medium 4 50a5 50; common, 2 50a3 50.

FLAXSEED-We quote at 100a.... per bus upon the basis of pure.

CASTOR BEANS-Quoted at 1 50a1 55 per bus. OIL-CAKE-# 100 lbs., sacked, 1 25; % ton, 23 00, free on board cars. Car lots, 22 00 per ton.

SORGHUM-Bright, sweet and clear 20c per

WOOL --- Missouri unwashed, heavy fine, 15a17; light fine, 19a21c; medium, 23a241c; medium combine, 23a241/2c; coarse combing, 19a21; low and carpet, 15a17c. Kansas and Nebraska, heavy fine, 15a17c; light fine, 19a21c; medium, 19a21c, Tub-washed, choice, 32a34c; medium, 28a30c; dingy and low, 23a26c.

#### St. Louis Wool Market.

Tubwashed, 28c for low to 35c for choice; unwashed, choice medium clothing and combing 24c, fair 22a23c. low and coarse 17a20c, light fine 2la22c. heavy do. 16a18c; Kansas, from 14c ter low to 20a23c for choice; black and slightly cotted or burry 2a5c per lb. less; hard burry quotable at 10c for Southern to 14a15c for Western; Texas, 12a23c.

#### Farm Loans.

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

Bank of Topeka Building, Topeka, Kas

Those who have used the Boss Zinc and LEATHER COLLAR PADS and ANKLE BOOTS say they are the best and cheapest, because most durable. They will last a lifetime. Sold by Harness-makers on sixty days' trial. DEXTER CURTIS, Madison, Wis.

#### THE CITY HOTEL. CHICAGO.

S. E. Cor. state and 16th streets THE STOCKMEN'S HOME

Special Rate to Stockmen, \$1.50 Per Day. Nearest Hotel outside the Yards. Cable cars passt House for all parts of the City. W. F. ORCUTT, Proprietor.

FRANK DRUMMOND.

M. D. HENDERSON.

# FINE JOB PRINTERS.

Private and Sale Catalogues, Circulars and Fine Poster Work a specialty.

Estimates furnished for all kinds of work on application.

283 Kansas Avenue, Topeka, Kas.



#### YEARS IN THE 5 POULTRY YARD

27th Edition. 108 Pages, explains the business. Symptoms and remedies for all diseases. Written by a farmer for farmers. 25cts. in stamps, or one ct. a year for my experience. A 50 page Ill. Cir. free. A. M. LANG, Cove Dale, Ky.

#### FOR SALE!

40 P. ROCK COCKERELS, \$2 to \$5 each 100 P. Rock Pullets, \$1 to \$2 each. Eggs in season.

Wyandotte and B. B. R. Game Eggs, \$2.50 per 13.

P. Rock, White Leghorn, Brown Leghorn, Buff Co-chin and Pekin Duck Eggs, \$1.50 per 13.

L. E. PIXLEY, Eureka, : : Kansas.

## **Economy**

Manufactured by the Inventor, JACOB YOST, Richland, hawnee county, Kas.
The Incubaters will be sold at the following low prices, with full Instructions for operating:

No. 1, 100-Egg capacity, \$12; No. 2, 150, \$15; No. 3, 250, \$20.

\*\*Send 50 cents for my new Book, which contains directions—How to make and use this incubator; also, how to make a good Brooder to mother the chicks, what and how to feed them to make them ready for market in eight or ten weeks; also, how to manage Hens to keep them laying all winter. The Book contains Remedies which cure Roup and Cholera. This incubator is a succe-s. I have hatched 75 per cent. of the eggs without testing, and raised 90 per cent, of the chicks with my Brooder.

Address

JACOB YOST.

JACOB YOST, P. O. Box 30, Richland, Kas,

### THE ELMWOOD HERD

A. H. Lackey & Son, PEABODY, Marion Co., KAS.,

BREEDERS OF

### SHORT-HORN CATTLE

#### BERKSHIRE SWINE.

Our herd numbers 130 head of well-Our herd numbers 130 head of wellbred Short-horns, comprising Cruickshanks, Rose of Sharons, Young Marys, Arabellas, Woodhill Duchesses, Lavinias, Floras, Desdemonas, Lady Janes and other good families. The well-known Cruickshank bull BARMFTON'S FRIDE 49854 and the Bates bull ARCHIE HAMILTON 49792 serve our herd. We make a specialty of milking Short-horns, the Arabellas being specialty noted as milkers. Good, useful animals of both milkers. Good, useful animals of both sexes always for sale.

Premium Berkshires very cheap.

CHICAGO.

KANSAS CITY.

ST. LOUIS.

## James H. Campbell & Co. LIVE STOCK COMMISSION MERCHA?

Rooms 23 and 24, Exchange Building, Kansas City Stock Yards,

SUCCESSORS TO-

ANDY J. SNIDER & CO., & CAMPBELL, LANCASTER & CO., Of CHICAGO, KANSAS CITY, ST. LOUIS.

Unequaled facilities for handling consignments of Stock in either of the above cities. respondence invited. Market reports furnished free.
Refers to Publishers Kansas Farmer.

### Do You Want a Home? Yes.

Then write to WM. J. ESTILL & CO., Medicine Lodge, Kas. They have for sale over one hundred tracts of Choice Land in Barber county, Kansas, suntable for farms or ranches. Pavments cash, or terms to suit purchaser. Those desiring to locate in the best part of Kansas should write at once. Particulars free. City property—addition of 80 acres to Medicine Lodge—in lots 50x150 feet, at low cash prices.

FRIENDS! If you are in any way interested in

## ${f BEES}$ or ${f HONEY}$

We will, with pleasure, send you a sample copy of our SEMI-MONTHLY GLEANINGS IN BEE CULTURE, with a descriptive price list of the latest improvements in Hives, Honey Extractors, Artificial Comb, Section Honey Boxes, all the books and journals, and everything pertaining to Bee Culture. Nothing and everything pertaining to Bee Culture. Nothing Patented. Simply send your address, written plainly, to A. I. ROOT, Medina, Ohio.

### CALFBOOTS AT COST!

We have about 36 pairs of Boots to close out at cost, including Sewed Open-leg, as low as \$2.25; French Kip, \$4.00, etc. Broken sizes of Women's and Children's Heavy Lace Shoes cheap.

D. S. SKINNER & SON,
219 Kansas Ave., Topeka.

### S.J. SULLIVAN'S Daisy Churn.

(Pat. August 11, 1885.)

This wonderful Churn will churn Sweet Cream as well as Sour, and produce more butter to the amount of cream than any other churn on earth Territory for sale on liberal terms.

S. J. SULLIVAN, LAMAR, Mo.

A New Farm Implement. B BROWN'S

FENCE-BUILDER!

Portable, simple, durable, strong. Builds a picket fence on the posts in the field, substantial, economical. The most practical machine yet devised. JOHN P. BROWN, Rising Sun, . - - Indiana.

### KANSAS IS AHEAD

HUNTER'S Kansas Cultivator

> -AND-**Seed Drill Combined**

Is the only successful Garden Implement ever invented. And as the machine was made by a Nurseryman and Market-gardener, it is ESPECIALLY ADAPTED TO GARDENING.

Every Tiller of the Soil should have one. Gardeners. Nurserymen, Florists cannot do without them.

IT IS SUPERIOR TO ALL OTHERS.

1. On account of its simplicity. 2. Being so easily adjusted and handled. 3. And is lighter-running by one-half than any other. 4. Does the work perfectly. 5. The drait is so light in cultivating and seeding, it is more like play than work. 6. The plows are all adjustable, so that any width of row can be cultivated.

Pat'd Dec. 8, 1885. No. of Patent, 331,885. Cultivator and Seed Drill combined, - - - - \$13.00

Cultivator combined, without Drill, - - - 8.00
Cultivator, without Wheel, - - - - - 1.75

ndence solicited

C. C. HUNTER, Inventor, Concordia, Kansas.

### **Butler County** LAND

For Sale, in Large or Small Tracts, Improved or Unimproved.

No snow winter: tame grasses are successful; all kinds of fruit do well; fine limestone for building; gravelly-bottom streams; splendid location for stock and agricultural products; thirty miles of railroad more than any other county in the State, and out of debt

A. J. PALMER.

El Dorado, Butler Co., Kas.

### HEADACHE

POSITIVELY CURED.

Thousands of cases of sick and nervous headache are cured every year by the use of Turner's Treatment. Mrs. Gen. Augustus Wilson, of Parsons, Kas., who was appointed by the Governor and State of Kansas lady commissioner to the World's Fair at New Orleans, says: "Turner's Treatment completely cured me, and I think it has no equal for curing all symptoms arising from a disordered stomach or from nervous debility. For female complaints there is nothing like it."

### To the Women!

Young or old, if you are suffering from general debility of the system, headache, backache, pain in one or both sides, general lassitude, bearing down pains in the abdomen, fisahes of heat, palpitation of the heart, smothering in the breast, fainting sensations, nervous debility, coughing, neuralgia, wakefulness, loss of power, memory and appetite or weakness of a private nature. We will guarantee to cure you with from one to three packages of the treatment. As a uterine tonic it has no equal.

### Nervousness!

Whether caused from overwork of the brain or imprudence, is speedily cured by Turner's Treatment. In hundreds of cases one box has effected a complete cure. It is a special specific and sure cure for young and middle aged men and women who are suffering from nervous debility or exhausted vitality, causing dimness of sighs, aversion to society, want of ambition, etc. For

Dyspepsia!

Strengthening the nerves and restoring vital power this discovery has never been equaled. Ladies and gentlemen will find TURNER'S TREATMENT pleasant to take, sure and permanent in its action. Each package contains over one month's treatment. The Treatment, with some late discoveries and additions, has been used for over thirty years by Dr. Turner in St Louis, in private and hospital practice.

Price Turner's Treatment, per package, \$1; three packages \$2, sent prepaid on receipt of price. Thousands of c. ses of "iseases mentioned above have been cured with one package, and knowing as we do its wonderful curative effects, the Treatment having been used in private practice for over thirty years in St. Louis, we will give the following written guarantee: With each order for three boxes, accompanied by \$2, we will send our written guarantee to refund the money if the Treatment does not effect a cure. Send money by postal note or at our risk. Address E. L. Blake & Co., Sixth and Market Streets, St. Louis, Mo.

#### Grinnell's Pain King!

For Rheumatism, Headache, Neuralgia, Lame Back, Inflammation of the Kidneys, Fever and Ague, Congestive Chills and all kinds of Fever, Cramps, Colicarhoca, Sprains, Bruises, Sore Throat, Diphtheria, Croup Toothache, Earache, Burns and Scalds, Fever Sores or Sores of any description, Bites and Stings, Asthma, Catarrh, Sore Nipples, Caked Breast, Frosted Feet, Chilbiains, Swellings, Bunious and Corns. This Preparation is purely vegetable and contains some of the best b'ood-puritying qualities. Madufactured by P. H. GR'INNELL, No. 32 Kansas avenue, between First and Crane, Topeka, Kas.

### RUPTURE

RELIEVED AND CURED

Without any Operation or Detention from Business, by my Treatment, or Money Refunded.

\*\*\*\* Consultation Free. Send for Circular.

DR. D. L. SNEDIKER, Emporia, Kas. Rooms over D. W. Morris' Drug Store.

### Grand Central Hotel,

No. 614 & 616 Main St., Kansas City.

Good Table and Beds. Rates, \$1.50 per day. Special rates for time over one day. When you come to the city try our House. We will satisfy you. RAFF & LAWSON, Kansas City.

CUARANTEED
First Mortgage, Real Estate.
OPER CENT Loans, in sums of \$200 and upons, and principal made and remitted to lender without charge. Security world three or four times the amount of the loan. NO MONEY REQUIRED UNTIL ALL PAPERS ARE IN THE INVESTOR'S HANDS, AND PROVE SATISFACTORY, Send for form, our cular and Eastern references.
HODGES & KNOX, Topeka, Kam

### The Bome Circle.

plowing do

Maternity.

will be sowtwo dainty little feet
Lesped in my warm and loving hand;
So soft and pink, they sure must be
Two rose-leaves blown from fairyland.

I hold a wee and helpless form Pressed closely to my happy heart— Why, baby!—mine of right divine— The right of pain—a mother's part.

O beauteous life! so fair and new, That yesterday was blent with mine! O wondrous soul! so lately sprung A sparklet from the Source Divine!

God's priceless gift, you come to me Embodied in this little form; ly soul accepts its happiness
As flowers the sunshine soft and warm.

The fairest earth has ever seen—
The diadem of motherhood—
'Tis nature's hand that crowns me queen.

My brow seems decked by coronet,

What realms are opened to my sight!
I tread the regions of the blest;
And all because this little form
Lies fair and helpless on my breast.

A tiny bud, whose flower complete
May bloom to bless my waning years;
O motherhood! you hold a bliss
That best may be expressed in tears.

— Carrie Stevens Waller.

#### About Rugs.

If Martha Foster had told what material she wished to use in her rug, her question could have been answered more readily. One pattern easily made is: Make the foundation the size you wish the rug to be; any material will do if it is strong. Take pieces of any old carpet (except rag carpet), cut in bias strips one and one-halt inch wide, fold in the middle and sew to the foundation, leaving the two edges up. Sew another strip one-half or three-fourths of an inch from the first, according to the thickness of your carpet, until the foundation is covered. A darning needle, common wrapping cotton, and stitches half inch long are sufficient, With a knitting needle or crochet hook, ravel out the edge half way or more towards the foundation. Clip all irregular edges, and you will be surprised and pleased to see how nice a rug can be made of such unpromising material. Line the under side and bind the edges to suit.

If a person has old clothes of men's heavy wear, remnants of bright-colored yarn, and plenty of time combined with artistic taste, a beautiful rug can be made as follows: Cut an oblong and diamond pattern three inches wide by four long; cut your cloth the shape of one-half the pattern; work any fancy stitch you like on the two sides of the diamond and the rounding side of the other. You can use all of one kind of cloth-if the colors of yarn are bright, or different kinds of cloth to suit the taste. One or both the patterns can be used on the same rug. You can sew the pieces onto the foundation in any pattern or figure you like, the points overlapping the sides that are not worked. Line the under side and bind as in the firstdescribed pattern. AUNT POLLY.

#### Hermit Hill.

Rug Patterns. Martha Foster, in Kansas Farmer, asks for some of the lady readers to send patterns for making rugs. As I have been making some real pretty ones this winter, I will take pleasure in giving her the directions.

I take scraps of yarn that have been left from knitting mittens, stockings and other necessaries. If I have enough new yarn, I knit it all of new; if not, I take old stocking tops that have good yarn in them and ravel them out and take the best of it. When I have three or four different colors, I crochet them in stripes. I begin as I would for a lamp mat, putting in as many bright colors as will make the prettiest effect; if I have scraps of different colors, I tie them together and make a hit-and-miss stripe. When they are as large as I wish them, I finish with a row of scallops around the edge.

Another one I have is of crazy patchwork; the pieces are all heavy cloth and worked with yarn the same as in crazy quilts.

Another very pretty way is to cut a lining the size you wish your rug (oval shape is prettiest); then, using heavy cloth (it may be all the same color or two or three different colors), cut it in deep vandykes, each vandyke about as wide as your hand, work alist.

round the edges with bright-colored yarn in button-hole stitch; begin sewing them onto the lining at the out edge. If you use two different colors, begin with a dark row, then a light row, until you come to the center; then take a piece of dark and work your initials on it and put on to finish. These are all pretty. ALICE.

Bronson, Kas., Feb. 20.

#### Poisons and Their Antidotes.

The following excellent table of poisons and their antidotes is taken from the Western Druggist, Vol. VII, No. 11. The convenience for quick reference is perhaps somewhat facilitated in the slightly different arrangement of the paragraphs as here presented.

GROUP 1.-Carbolic acid, muriatic acid, nitric acid, sulphuric acid, cobalt, creosote nitro-muriatic acid, iodine and its prepara tions, croton oil, oil of pennyroyal, savin, tansy and rue, phosphorus, and tin and its compounds.

Antidotes .- Give white of eggs, or flour mixed with water; then cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give strong soapsuds, chalk or soda with milk, demu.cent drinks of flaxseed or slippery

GROUP 2.—Chromic acid and its soluble salts, antimony and its compounds, cantharides, copper and its compounds, elphinia, elaterium, mercury and its compounds, zinc and its compounds.

Antidotes.-Give white of eggs, or flour mixed with water; then cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give tea or strong coffee, soda with milk, demulcent drinks of flaxseed or slippery elm.

GROUP 3.—Caustic ammonia, caustic po tassa and caustic soda.

Antidotes.-Give vinegar, oil and milk.

GROUP 4.-Prussic acid and its compounds, oil of bitter almonds (also water of), chloral hydrate and chloroform.

Antidotes.-Apply cold effusions to the head; give stimulants; apply mustard poultice to the stomach, wash with spirits of camphor or vinegar; arouse the patient; give plenty of fresh air; artificial respira-

GROUP 5.-Cotton root and its preparations, ether and compound spirits of ether, sulphurets of the alkalies.

Antidotes.-Cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; apply cold effusions; wash with spirits of camphor; arouse the patient; give plenty of fresh air; artificial respiration.

GROUP 6.—All preparations of the following: cocculus indicus, colchicum, calabar bean, cannabis indica, gelsemium, hemlock, opium and its preparations, and santomine.

Antidotes.-Cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give strong cold tea or coffee; apply cold effusions; keep the patient in constant motion; give demulcent drinks of flax seed or slippery elm.

GROUP 7 .- All preparations of the following: aconite, belladonna, digitalis, ergot, hyoscyamus, lobelia, nux vomica, nicotine, stramonium, veratrum viride, veratrum album (white hellebore), and veratrine.

Antidotes.-Cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give strong cold tea or coffee and powdered charcoal: give stimulant and demulcent drinks; apply

warmth to the extremities; the recumbent position should be maintained.
GROUP 8.—Baryta and its compounds, and all the compounds and preparations of lead.
Antidotes.—Give Epsom salts freely, dissolved in water; then cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give milk or demulcent drinks.
GROUP 9.—Arsenic, its preparations and compounds.

compounds.

Antidotes.—Cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; then give hydrated oxide of iron, dialyzed iron or magnesia in abundance, followed by oil, milk or mucilaginous drinks.

Group 10.—Oxalic acid and salts.

Antidotes.—Give chalk, lime, whitewash from the wall, or powdered wall-plaster with water, or time water. Give one conce cas-

water, or lime water. Give one ounce cas

GROUP 11.—Silver nitrate.

Antidotes.—Give solution of common salt: then cause vomiting by giving a teaspoonful of ground mustard and abundant draughts of warm water; give white of eggs, or flour mixed with water.—W. A. K., in Industrialist

#### Jewelry of the Present Day.

The foreign manufacturers can not compete with the Americans in a good many departments of the jewelry trade where hand-made work has been replaced here by deftly-made machinery. In watch chains the Americans are now ahead of any country; they get the same effects in a watch chain as in a hand-made chain abroad, and the labor on an old-fashioned watch chain amounted to a good deal more than the metal used. Consequently one can now estimate the standard value of his chain or other jewelry of gold better than he could when he paid three-fifths for the labor and two-fifths

Jewelry in the United States is worn by the multitude, and abroad only by the few: consequently we make jewelry of thin beatings of gold with full reference to the display and design, and any one who can look back thirty years will readily see how more versatile and thorough are the jewelry designs of the present day. Indeed, jewelry has been made so cheap by the American manufacturers that there is but little reliance to be placed on ornaments as a badge of solvency and distinction. The designs of the present day are aimed at the populace and not much at the select.

The influence of chemistry on silverware is also very noticeable. Plate which was once the possession of princes has become the familiar friend of the million. The poor man's baby can have a very pretty silver cup or semi-silver cup. Excessively expensive jewelry is a great burden to some people; it has to be stored away in fire-proof places or insured, and does not often look better than plated ware, which gives the owner no concern about thieves and plunderers.-George Alfred Townsend.

#### Care of the Hands.

If the hands are stained, use a handful of clean sand in the water, rubbing it on the stains. This sand can be rinsed off and kept in a dish for daily use. Oxalic acid will take off stains, but it is a rank poison, and dangerous to have about; it also makes the hands exceedingly harsh. They must be washed thoroughly in tepid water to insure its entire removal, then rubbed with glycerine. The use of too much glycerine makes the hands moist and cold or clammy, and very disagreeable to the touch. Never hold the hands near the fire, while rubbing with glycerine, as it dries in places before penetrating, leaving the hands harsh.

Many housekeepers have rough hands in winter, which grow very painful, cracking open on the knuckles, the cracks extending into the palms of the hands. They take their hands out of hot soapsuds, or starch, to hang clothes in the wind. If they did not use hot water, and the hands were thoroughly dried before going out, this would be avoided. A pair of white woolen stockings cut off rounding at the ankle and sewed across, with a thumb sewed in, make a very comfortable pair of mittens for hanging up and taking off clothes. Pin them fast to the sleeves with large safety pins, before going out, having first stretched the arm upward, then they will not come loose and the wrists will be protected. After bringing in the clothes, if the mittens are put in the clothespin bag they will be kept clean and in the right place.

Hands are injured in very cold weather by lack of protection at the wrists, as large veins and arteries are exposed. The blood is chilled in passing into the hands. Every one cannot have handsome, white and shapely hands, but every one can have clean and comfortable hands. -Pauline Adelaide Hardy, in Good Housekeeping.

The wonderful stories told of grain which been made to grow after having lain dor mant for thousands of years in the hands of mummies, do not seem to have any foundation in fact. Mr. H. K. Parks states in the Journal of Science that he has investigated all the cases he can find, and shows that there is not a single authenticated instance of corn found in a mummy having been grown. Some of the seeds found in mummies have germinated, but as they produced plants-oats, for instance, not known to the Arabs of 3,000 years ago, it seems evident that they were systematically put in the hands of the mummies by the avaricious Arabs of modern days.

A Berlin woman lately attempted to kill herself by drinking five ounces of kerosene. She became unconscious, but was fully restored to health in three or four days. The Deutsche Wochenschrift tells of a man who drank habitually an ordinary liquor glass of petroleum several times weekly without any disagreeable consequence.



#### HUMILIATING ERUPTIONS ITCHING AND BURNING

TORTURES

AND EVERY SPECIES OF ITCHING, Scaly, Pimply, Inherited, Scrofulous, and Contagious Diseases of the Blood, Skin and Scalp, with Loss of Hair, from infancy to old age, are positively cured by the CUTICURA REMEDIES.

CUTICURA RESOLVENT, the new blood purifier, cleanses the blood and perspiration of impurities and poisonous elements and removes the cause.

CUTICURA, the great Skin Cure, instantly allays Itching and Inflammatien, clears the Skin and Scalp, heals Sores and restores the Hair.

CUTICURA SOAP, an exquisite Skin Beautifier, is indispensable in treating Skin Diseases, Baby Humors, Skin Blemishes, Chapped and Olly Skin.

Sold everywhere Price: CUTICURA, 50c.; Re-SOLVENT \$:: SOAP, 25c. Prepared by the POTTER DRUG AND CHEMICAL CO., BOSTON, MASS.

RHEUMATIC. Neuralgic, Sciatic, Sudden, Sharp and Nervous Pains, instantly relieved by the CUTICURA Anti-Pain Plaster. 25c,

### COMPOUND OXYGEN

Advanced medical science now recognizer Compound Oxygen" as the most potent and wonderful of all nature's curative agencies. It is the greatest of all vitalizers. It purifies the blood and restores its normal circulation; it reaches every nerve, every part of the body, and imparts to all the vital forces of the system a new and healthy activity, enabling it to resist and overcome disease It has cured Incipient C nsumption, Bronchitis, Catarrh, Asthma, Female Complaints, Dyspepsia, Paralysis, Rheumatism Sciatica, Lumbago, Salt Rheum, Eczema, Bright's Disease (and other Diseases of Kidneys), Scrofula, and all "Blood" Diseases. It is also the most effective remedy for the effects of Overwork, 'or Nervousness, Lowered Vitality and Remi-Invalidism.

This great Remedy is now manufactured by the Western Compound Oxyged Co. For further information call upon or address, stating the symptoms of the disease.

WESTERN COMPOUND OXYGEN CO., 247 Kansas Ave., Topeka, Kas.



Allays Inflammation. Heals Sores. Restores the Senses of Taste, Hearing and Smell. A Quick Relief. A

Positive Cure. CREAM BALM



has gained an enviabl-reputation, displacing a reputation, displacing all other prepar tions.

ticle is applied into each nostril; no p-ia; agratouse.

Price 50c. by mail or at drugg sis. Set
circular ELY BROTHERS, Druggists, Owego,



### Wagon & Hamlin IIIIIIIII W IIVOURIE

ORGANS: Highest Honors at all Great World's Exhi-bitions for eigh-teen years. One hundred styles,



### The Houng Folks.

#### A Home Nest.

Birdie's five are gathered In one dear, home nest, And hard would be the task to tell Which birdle we love best.

Sometimes we seem so crowded, One scarce can stir or move, But easy 'tis to nestle close When hearts are full of love.

There is not one too many, Not one have we to spare, ho' heart and hands are running o'er, And life means endless care.

But, when the days are ended, And twilight shadows fall, They gather round my easy chair With merry laugh, and call

For mamma's nightly stories, And each one has a choice;
They sing their happy little songs
In simple childish voice.

My heart with love runs over, My rooms stretch high and wide, As I look into their faces While they nestle at my side.

For I know the time is coming, Flying fast along the road, When these rooms that now are noisy, That with mirth have overflowed,

No happy voices heard, When all the young ones learn to fly, And leave their mother bird. I wish that I might keep them

Will all be still and quiet,

Anear my sheltering arm, In all their childish purity, Where naught can do them harm.

I breathe a prayer in silence, That when that day shall come, When each shall take a place to fight Life's battle far from home,

The seed that has been planted
Along life's rugged way,
May spring up and bear good fruitage
Unto Evertasting Day.

\* \* \* \* \* \* \* \* \* \*

The Mother holds the scepter
Of Nations in her hand;
And, while we've Christian Mothers,
Ours will be a blessed land. -Mrs. Hattie Tremaine Terry, in Good Housekeeping.

### A Night on the Upper Yellowstone.

BY JOSEPH M. TRIMBLE.

It was during the winter of 1880, the month of December, that means the coldest kind of cold weather in the Northwest, that an Indian named "Two Moons," a scout in the service of the United States government, and myself, left the Fort where we were stationed, for a night's hunt on the Upper Yellowstone river. I was also in the service of the government, and had spent many years of my life on the frontier fighting the battle of civilization against the hostile savage, and risking my precious life more times than I now can remember. But the night I am about to recall will for me forever carry with it the memory of its terrible hours, and I sometimes wonder when I consider the frightful danger we passed through that our hair did not bleach as white as the crisp and beautiful snow beneath our feet.

The river at this time of the year was frozen pretty solid, perhaps forty inches or more in thickness; and as we expected to be gone until daylight, my aboriginal friend donned his native bone-runners, and I my handsome New York clubs. The bone-runners referred to answer for the savage the same purpose for which we use our American skates. It consists of the breast bone of the wild turkey, scraped and sharpened to prevent side sliding, and has a small piece of pointed steel at the heel which acts as a check. This turkey breast bone reversed, naturally fits the human foot, and is a very good substitute for the skate. Both of us were clad in hunters' buckskin, belts full of ammunition and armed with rifles revolvers and long hunting knives.

We left the Fort about sunset, and approaching the river stepped boldly on the ice. Turning our faces up-stream we moved swiftly over the glassy surface with scarcely an effort, the wind having pretty effectually cleared the river of snow, and soon left the Fort, and I might say civilization also, far in our rear. The moon was shining brightly through the clear, crisp, frosty atmosphere, not a breath of air stirring and the thermometer away down among the sixtles below the freezing point. I have always flat-

speed on my New York runners, but I soon found that I was no match for the Indian with his fleet turkey-bone. We sped along through the dreariness of the frozen river, occasionally skimming to one side to avoid the unfrozen spots which are found in all waters and in all climates, at the same time keeping our eyes wide open for antlers in the timber on either side.

Two hours passed quickly away and nothing disturbed the intense silence except now and then the bark of some prowling prairie wolf who would scamper across our path and disappear in the woods. I felt strongly tempted to give some of them a shot with my revolver, but was afraid of frightening any game that might possibly be in the vicinity. These prairie wolves are of the gray species, and are dangerous customers to tackle. They are exceedingly ferocious and savage in their nature, different from the ordinary coyotes who are a sneaking cowardly set, rightly called the "scavengers of the plains." The Indians tell us of two occasions when hard pressed by hunger and the intense severity of the weather, a whole pack came trooping through one of their villages, snapping and biting the squaws and pappooses, lacerating and maining many of them. Again, two warriors were caught alone on the prairies, attacked and torn limb from limb. We thought little of them on this night, although the weather was severe and not much in the country for them to pick up; but the idea never for one moment entered our heads that the least danger was to be apprehended from them.

On we sped, the minutes lengthening into hours and yet no signs of deer. All at once "Two Moons," left my side and hastily making for the right bank of the river disappeared in the timber, leaving me entirely at a loss to account for this staange proceeding. I slackened my pace but still advanced slowly, keeping my eyes fixed on the spot where the scout had entered the woods: and came near running headlong into a fine large buck with a pair of beautiful antlers adorning his head, who was leisurely trotting across from shore to shore. Strange to say, we both espied each other at the same moment, and I don t know which was the most astonished, I or the buck.

Now, I am a good shot, but not a cool one, and so surprised was I at this apparition appearing so suddenly before me, that in a twinkling my rifle was at my shoulder and fired without the slightest consideration of aim. The bullet of course sped wide of its mark, and away bounded the magnificent animal over the ice into the woods. Immediately afterwards I heard two shots in quick succession, and hurrying to the spot found "Two Moons" standing over the buck, knife in hand, ready to cut up the The Indian had seen the animal before he became visible to my untrained eye, and anticipating events exactly as they occurred, had taken the right steps to secure the game.

Selecting the choice morsels, we carved them out and hung them on trees to be called for on our return. Sport ended here and danger began. Proceeding on up the river no more game was seen, and after spending two hours or more in fruitless search, we retraced our steps.

While going down stream we could plainly hear the dismal howls of the wolves, until nearing the spot where our meat was 'cached," the noise was loud and distinct, as if the animals were gathered in great numbers.

"Two Moons" gradually slackened his pace until finally he came to a dead halt exactly opposite the spot where lay the dead buck. Turning to me the Indian exclaimed: "Kyotes hungry to-night; better not go in after dat meat."

"Pshaw! Two Moons," I answered. 'don't be a squaw. You're nasty coyote. Come on and I'll lead the

"Stop," said the scout, "dem wolves bad rascals. Leave meat alone. Dey awful hungry, and fight hard."

For one moment I hesitated as I knew the Indian to be a brave scout; but willing to sound him a little further, I continued:

"Does the warrior tear the prairie wolf?" "Two Moons not afraid; Injin no coward. White man know dat. Better leave meat alone and get home quick. Injin know what he say; better not go in."

The scout was grasping my arm with a

tered myself that I could make excellent grip of iron and looking me straight in the eye. I quailed before the piercing glance, and felt sorry I had doubted his bravery.

It comes to me now when I look back into that cold December night away up in the wilds of Montana, standing on the surface of the frozen Yellowstone with nothing human nearer to us than the Fort we had left a few hours previous; that Indian grasping me tightly by the arm and looking into my face through the cold, still, frosty atmosphere, warning me not to commit the foolhardy act which I plunged into, neck and heels, a few minutes later; the sharp voices of the hungry wolves ringing out on the still night air, adding a weirdness to the scene almost impossible to conceive.

(To be concluded next week.)

The most stubborn cases of dyspepsia and sick headache yield to the regulating and toning influences of Hood's Sarsaparilla. Try it.

It is said that glycerine in its pure state should not be used for chapped hands, as it absorbs moisture from the skin, thus leaving it dry and liable to crack. When moderately diluted with water, however, glycerine is an excellent application.

IT IS SAID AN OLD PHILOS-

opher sought an honest man with a lighted lantern, and humanity has since been seeking an honest medicine by the light of knowledge. It is found in DR. JONES' RED CLOVER TONIC, which produces the most favorable results in disorders of the Liver, Stomach, and Kidneys, and is a valuable remedy in Dyspepsia; also, debility arising from malaria or other causes. It is a perfect tonic, appetizer, blood purifier, and a sure cure for ague. 50c.

### DR. BIGELOW'S POSITIVE CURE.

A safe, speedy and permanent cure for coughs, colds and all threat and lung troubles. Ple asant to take. Endorsed by Physicians. Price, 50 cents and \$1. All druggists.

### **GRIGGS' GLYCERINE SALVE**

The great wonder healer. The best on earth. Satisfaction or money refunded. 25 cents. All druggists.

## CAMPBELL HOLTON, KANSAS.

Spring Term Opens March 30.

SUMMER TERM - - - Opens June 8.

New Classes organized every Term in all the Common Branches, and Ruetoric, Algebra German, Latin, Book-keeping, Physiology, Vosal Music, Drawing, Typewriting, Telegraphy, and Pronography.

\$48 in advance will pay for Board, Room and Tuition for Spring and Summer Terms.

THE MUSIC DEPARIMENT—Is superior to any other in the West.

other in the West,

Students may enter at any time,

Address PRESIDENT J. H. MILLER.

#### Free Tuition. Expenses Light. KANSAS STATE AGRICULTURAL COLLEGE.

Endowment \$500,000. Buildings \$100,000. Apparatus \$50,000. 17 INSTRUCTORS. 400 STUDENTS.

Farmers' sons and daughters received from Commonschools to full or partial course in Science and Indusial Arts Send for Catalogue to Manhattan, Kansas

Thorough and practical Instruction given by mail in Book keeping, Business Forms, Arith metic. Perumanship, Short hand, etc Low rates. Distance no objection. Circulars free. Address BRYANT & STRATTON'S COLLEGE,

BLACKBOARD PROBLEM SOLV'D Y MURRAY'S IMPROVED ARTI-FICIAL STONE SLATING! est, Most Durable, Cheapest.

It is a powder, to which is added a liquid. This applied with a trowel. Makes a prifectly smooth stone state surface. Agents wanted. Samples and Circular. All School Supplies at Lowest Prices. CENTRAL SCHOOL SUPPLY AGENCY, 298 Kansas Ave., Topeka, Kas.

JUST ISSUED.

#### LETTERS FROM GOLDEN LATITUDES.

A large, finely-illustrated pamphlet, descriptive of the Northwest. Statistics compiled from official sources. Sent free on application to C. H. WARREN, G. P. A., St. Paul, Minn.

AGENTS WANTED For Cur-Just Published, entitled



#### THIRTY YEARS A DETECTIVE

BY ALLAN PINKERTON.

Containing a thorough and comprehensive expose of Criminal Practices of all Grades and Classes, with Numerous Episodes of Personal Experience in the Detection of Criminals, covering a period of Thirty Years Active Detective Life and embracing many intensity interesting and thrilling Detective Sketches.

An entirely was hard an experience of the content of the cont

An entirely new book, profusely illustrated, and with Portrait of the Great Detective.

#### ET ACENTS WANTED!

In every town there are numbers of people who will be glad to get this book. It sells to Merchants, Mechanics, Farmers and Professional menthus every Agent can pick out fifty or more in a town to whom he can feel sure of selling it to.

We want One Agent in every township, or county. Est Any person, with this book, can become a successful Agent. For full particulars and terms to agents, address G. W. CARLETON & CO., Publishers, New York.

2.0 New Style Chromo Hidden Name Cards, 10e. Game Authors, 10c. Acme Card Factory, Clintonville, Ct.

50 Chromo or 25 Hidden name Cards, name on, 10c samples & terms, 4c. Crown Pig. Co , Northford, Ct

Beautiful Cards. Agents' sample book and full outfit for 2c. stamp. EAGLE CARD WORKS, North-ford, Conn.

WORK FOR ALL. \$30 a week and expenses paid. Outfit worth \$5 and particulars free. P. O. VICKERY, Augusta, Maine.

WANTED LADIES AND GENTLEMEN who own homes. Work sent by mail. No canvasing. Address with stamp, Orown Mfg. Co., 294 Vine St., Cin'll, O.

ANTED An active Man or Woman in goods. Salary \$75, per Month and Expenses, Canvassing outfit and Particulars FREE STANDARD SILVER-WARE CO., Boston, Mass

AGENTS COIN MONEX WHO SELL DR. Chase's Family Physician and Receipt Book. New and improved Edition. Three Thousand sold in one month. Price, \$2.00 For particulars, address A. W. HAMILTON & CO., Ann Arbor, Michigan.

GARDS 60 Fancy Pictures, and 25 elegant Cards in Gitt 3-fige, Silk Fringe, Hidden Name, &c., 1 Songster, 1 \$50 Prize Puzzle, and 8 parlor games, all for 10cts, Game of Authors, 10cts. IVORY CO., Clintonville, Conn.

Co Fancy Pictures, and 25 elegant Cards in Gilt Edge., Silk Fringe, Hidden Name, &c., I Fringe, Hidden Name, &c., I Songster, 1 \$50 Prize Puzzle, and 8 parlor "ames, all for 10 cts. Game of Authors 10 cts. I WY CARD Co., Clintonville Conn.

150 CARDS, in new styles, Embossed, Hidden name, Gold Edge, Transparent, &c., &c., of latest designs and lowest prices. 50 samples with name on 10 cts. Todd Card Co., Clintonville, Conn.

Send six cents for postage and receive free, a costly box of goods which will help all, of either sex. to more money right away than anything else in this world. Fortunes await the workers absolutely sure.

Thus & Co., Augusta, Maine

### DO YOUR OWN PRINTING

PARLING & JOHNSON, Topeka, Kas., Fine Job Printers and manufacturers of

#### RUBBER STAMPS!

for printing cards, envelopes. marking clothes, etc. Also beneals for marking sacks. \* Make money by writing us



Fun Facts and Fiction.



A PAPER FOR THE PEOPLE.

Devoted to Society, Lodge, Amusement and Dramatic News, good Literature, etc. Will be published es-pecially for the State of Karsass Terms, \$2 a year; \$1 for six months. Specimen copy free. Address HARRY W. FROST, Publisher, Topeks, Kansas.

Clubbed with the KANSAS FARMER for \$2.75.

### THE KANSAS FARMER

ESTABLISHED IN 1868.

Published Every Wednesday, by the

#### KANSAS FARMER CO.

OFFICE: 273 Kansas Avenue, Topeka, Ka.

DEMOTTE, - - - - President. HEATH, - Business Manager. PEFFER, - - Editor-in-Chief. A. PEFFER,

The Kansas Farmer, the State Agricultural paper of Kansas, is also the official State paper for publishing all the Stray Notices of the State, and is kept on file in every County Clerk's office.

#### SUBSCRIPTIONS:

One Copy, one year, - - -CLUB RATES:

Five Copies, one year, Eleven Copies, one year, A person may have a Copy for himself one year free, by sending us four names besides his own, and fee dollars; or, ten names besides his own, and ten dollars. ASAMPLE COPY FREE. Terms: -- Cash in Advance.

#### ADVERTISING.

Advertisers will find the Kansas Fahmer the cheapest and best medium published for reaching every part of Kansas. Reasonable rates for unobjectionable advertisements will be made known upon application. Copy of advertisements intended for the current issue should reach this office not later than Monday.

KANSAS FARMER CO., Topeka, Kas.

Send the Kansas Farmer to your Eastern friends from now until January, 1887. The cost to you of \$1 will pay for postage and white paper. We will donate the rest.

Make a good investment by sending us \$1 and secure the Kansas Farmer from now until January, 1887. Ten cents a month will pay for a 16-page weekly, the most progressive and practical farm paper in the West.

#### Hard Pan Offer.

In response to urgent requests on account of the recent hard winter we will accommodate our friends by sending the KANSAS FARMER from date until January, 1887, for only One Dollar.

We are glad to see our excellent contemporary, the Indicator, at Kansas City, picking up crop items, as it promises to do this week. The India tor is bound to keep up with the procession in which the KANSAS FARMER les ds. Look at our crop reports, old boy.

Pamphlet copies of all the laws passed at the late special session, which laws took effect on and after publication in the official State paper, can be obtained of G. W. Crane, Topeka, at 50 cents apiece. The total number of laws contained in the collection is over 150.

We have received a copy of "Proceedings of the National Swine Breeders' Association held in Chicago, Ills., November 11th, 1885, together with the proceedings of the National Swine Breeders' meetings of 1883 and 1884." Several important papers are contained in the report. It is published by the Association.

#### LOOK HERA

to join a club as well a subscription expires this

The Business Situation.

There is not much to report in the the storms of January had a depressing effect on trade generally because travel and transportation were very much impeded. February weather was much better and commerce felt the impulse of the sunshine. There is a very general feeling of security taking the place of the nervousness exhibited on account of the excitement about silver. It is evident to everybody that the people will not tolerate anything like discrediting silver money, and the scared persons are beginning to wonder what it was all about

There is a determination on the part of some Congressmen to tinker at the tariff laws again, and if there were any probability of their efforts succeeding, that would cause a great deal of uneasiness; but it is evident that no considerable work of that kind will be permitted to go into finished legislation. The President is in favor of protective duties, and so is a considerable part of his party friends. They are ready for some reduction of duties, but there is so much difficulty in agreeing upon what particular articles shall be affected, that there is no probability of any tariff legislation at all unless it be the putting of lumber and a few other articles on the free list-something that ought to have been done long ago.

The dry goods market is improving. Old stocks are closed out and the spring opens with fresh goods in every department.

Iron is firm, with a steady demand of increasing volume.

Grain, flour and provision exports are more lively with a better look ahead. Prices of wheat are going up.

Wool is in better demand, with evident signs of improvement in prices.

Fat stock meets with ready sale in all the markets at fair prices as compared with those of the last six to eight months.

As to labor enterprises it may be said that there is considerable preparation for new work as soon as the weather opens for it. In Kansas the prospect for railroad building is better than it was at any former time.

The condition of wheat in the ground is generally reported good in all the wheat-growing States.

All in all, the outlook is good, and particularly for the people of Kansas.

#### New York Canals.

Mr. O. B. Potter, of New York, recently delivered an argument before a committee of the Legislature in opposition to a scheme of appropriating money out of the national treasury for the improvement of the New York canals. It has been found necessary to modify the canal laws of that State in the interest of trade. All tolls were abolished Total cost per acre \$6.72 or 16.7 cents and the canals made free to traffic. Still, the business has decreased regularly year by year during the last ten or | planting 60 cents, seed 5 cents, one Mr. Wm. C. Campbell, of Mitchell twelve years. It is now believed harrowing 20 cents, three cultivations county, writes us that of his flock of two necessary in the interest of trade to at 40 cents equals \$1.20, cutting weeds thousand Merino shee; he has not enlarge and otherwise improve the 15 cents, husking and cribbing fifty lost one by reason of the cold wea her canals, and a proposition is pending to bushels at 3 cents equals \$1.50 Total in January. Lambs are coming every ask the general government to furnish cost per acre \$5.60 or 11.2 cents per day now; he expects about a thousand the means. To this Mr. Potter objects, bushel. Lister ahead 51 cents per of them. He has also about one hundred and we think he is right. A canal is head of cattle; lost none; has plenty of not a navigable river, nor is it subject feed, and fears nothing from want of to the same laws. A river large enough and deep enough to carry large craft, belongs to the people from low water mark on one side to the same mark on This copy of the Kansas Faumer the other. Riparian owners-those will fall into the hands of a great many whose lands lie along the river-can greater portion of Kansas will not have new readers. If the paper pleases you claim ownership to the line of low an excess of rain during March, and send us One Dollar and receive the water mark only. The stream belongs farmers here will have a fair opportunity paper until January, 1887. This offer to the people at large and is subject to to get their seeding and plowing done will be appreciated by those who failed laws of Congress. A canal is made early, and it should be done as early as Ory to ose as a railroad is made. The land is possible to avoid danger later in the condemned under State laws. The season."

canal is subject to State laws, and when it ceases to be used as a canal, the business world. The cold weather and ground it occupies reverts to the original owners the same as a railroad right of way reverts.

If the people of New York want the people of the United States to pay expenses of improving their canals, they ought to cede jurisdiction to the general government. That would make the canal a national thoroughfare the same as a river. But if New York wishes to retain ownership and control of the canals, let New York keep up repairs.

The Lister for Corn-Planting.

Opinions vary as to whether the lister is worth saving as an aid in planting corn. At the Pleasanton Farmers Institute, the opinion was against the lister. Brown county farmers speak well of it. Mr. Mellenbruch, of that county, in a paper on corn-raising before the Hiawatha Farmers' Institute, spoke of the lister as an implement in common use and approved, and there was no objection reported. His address was published last week in FARMER. He has several times, in communications to this paper, recommended the use of the lister under favorable circumstances.

We have just been reading a letter written by a Jewell county farmer-P. R. Hoffer, on the subject. He says he opposed the lister for several years. while his neighbors who used it were raising more corn to the acre than he did. Last year he tried it himself, and now comes out in the Jewell county Republican and gives the facts and figures that convinced him. He says he plowed ground for check-rower from April 9th to May 1st. Planted onehalf April 24th and remainder May 1st Did not get a good stand on account of numerous heavy cold rains, covering many hills too deep to break through the crust formed on top. The planting of May 1st yielded five bushels more per acre than that planted April 24th. The average yield was forty bushels sound corn and five bushels mouldy per acre. The mouldy paid for gathering the same. Listed May 9th to 11th, which no doubt was a better time to plant than April 24th or May 1st. Got a good stand on about nine-tenths of piece, the rest was entirely drowned out by heavy rains. The average yield was fifty bushels sound corn and one bushel mouldy per acre. The cost per acre of each kind is as follows: One acre check-rowed; ground rent \$1.50, cutting stalks 40 cents, plowing \$1.25, planting 25 cents, seed 5 cents, twice harrowing at 20 cents equals 40 cents, four cultivations at 40 cents equals \$1.60, cutting weeds 7 cents, husking and cribbing forty bushels at 3 cents equals \$1.20. per bushel. One acre listed; ground rent \$1.50, cutting stalks 40 cents, bushel.

#### Weather This Month.

Prof. Blake says that March will be a warm and wet month, generally, and there will be heavy frosts in April. As to Kansas, he says: "I think the

Good Stock on Sale.

We wish to call attention particularly to a stock sale which we are advertising -that of A. H. Lackey & Son, of Elmwood Stock Farm, near Peabody, this State. The Messrs. Lackey are experienced men; they deal in good stock and sell under open and frank conditions. The sale is advertised for March 9th. They offer seven Cruickshanks, eight Rose of Sharons, some Craggs, a number of young Mary's. They will also sell some of their fine milking Adelaides. They say to us, and we believe them, that they "never offered so grand a lot of cattle" as they offer this spring. We regard this as a very important sale, and hence have departed from our rule in regard to editorial mention of sales. It will be the first sale of the season in the State; the animals offered are exceptionally good, and enough will be sold to justify a large attendance. It will be a very good opportunity for purchasers, and we do not want a single one of our readers to miss it. Look up the advertisement, and if you want either to buy or simply to see good stock, attend the

Notes From Our Special Correspondent.

A great many farmers of southern Kansas have already completed sowing their oats and are now devoting attention toward getting ready for cornplanting, etc.

The Sumner County Agricultural and Mechanical Association will give their sixth annual exhibition September 7, 8, 9 and 10, 1886. D. A. Espy, Secretary, Wellington, Kas.

The Parsons Fair and Driving Park Association will hold their fifth annual meeting at Parsons, Kansas, September 28, 29, 30, 31, and October 1, 1886. J. R. Brown, Secretary.

The tide of immigration is beginning to wend its way into our great commonwealth at a decided rapid rate, and ere ninety days will have rolled by Kansas will witness a wonderful advancement in point of wealth and population.

The wheat prospect in Kansas, along the Southern Kansas Railroad and territory tributary thereto, is very flattering for a good growth, and should everything prove favorable will no doubt result in an average yield of choice wheat at harvest time.

#### The Mariana Plum.

The proprietors of the Stark Nurseries, Louisiana, Mo., write us as follows, under date of Feb. 20th inst:

" The article on the Mariana plum in the FARMER of February 10th, while correct as to the valuable characteristics of this new plum-indeed in this regard much more might be truthfully said,—is apt to mislead as it conveys a wrong impression, viz., that genuine Mariana trees can be obtained only of State agents. We are not State agents, nor are our trees of the Mariana subject to the trademark, having been propagated entirely from scions purchased in due course of business and without restrictions, from the introducer, Mr. Eley, in January 1883. Having great faith in the future of this excellent plum, we have propagated a very large stock, larger perhaps than all other existing stocks combined, and have advertised it somewhat extensively throughout the United States and Canada. Purchasers from us or our authorized agents, or from the Hart Pioneer Nurseries, whom we have contracted to supply for fall trade, are guaranteed Mariana trees of first-class grade and undoubted purity."

The project of drying up the huge Zuyder Zee is being urged in Holland.

The Sabetha Institute. Special correspondence Kansas Farmer.

The farmers and stock raisers of Nemaha county met at Sabetha on the 23d ult. in their second annual institute. The programme contained a good list of topics, which were discussed with intelligence, showing the members to be observing, thoughtful, and experienced men, just such as can give information of real value to the inquirer.

The hog received due attention, and the perplexing question of his diseases was discussed at some length, but it is scarcely necessary to add that it was relieved of its perplexities to no great degree.

The subject of sheep husbandry was, in the opinion of nearly all present, an industry unsuited for this region.

A most interesting discussion on corn and its culture was a prominent feature of the meeting. The plan of listing has become almost universal of late years, but the manner of preparing the ground and cultivating the crop has been modified to a great extent. The old method of cultivating with the common cultivator has been found unsatisfactory and many other methods have been applied. Among the late improvements in machinery for cultivating corn is one devised by Mr. N. Coleman, the President of the Institute. He exhibited one of these cultivators in the course of this discussion and explained its operation. It was commended by several experienced farmers who have seen it in operation.

Prof. Cummick made a very interesting address on Tuesday evening on "Obedience to Law." This was followed by a symposium on "What We Have Learned the Past Year." The remainder of the evening was spent in a social way, several of the wide-awake farmers of Brown county were in attendance and were introduced and made welcome.

Wednesday morning was an unpropitious one, but at the hour appointed a large number were in their seats. The subject of "Horticulture and Orcharding" was discussed. This was handled by Messrs. Magers, Robertson and Raw son in a very instructive manner.

"Meadows and Pastures" provoked a lively discussion. The enthusiasm and interest manifested that in the minds of the farmers there is no more important subject. The experience of a member with different kinds of pasture grass was given, and this discussion will no doubt lead many who have given the question little consideration, to wake up to its importance.

"How to Make Beef in Kansas" was the subject of an address of Mr. J. M. Boomer, whose long experience in the business makes him good authority on the subject.

Colonel White offered some wise suggestions on the "Improvement of Stock."

Another good topic was "Milk and Butter Producing." Mr. Inman led in this and gave many hints and suggestions that cannot fail to be of value, if heeded.

The most perfect horse to raise, his care and management, was deeply interesting.

Mr. C. H. Isley read an essay, 'Our the writer had studied the subject from a different standpoint from most men. He advocated a more liberal, humane, and Christian treatment of "help" and suggested the ways in which his ideas might be brought into practice.

"The laying out of farms and beautifying houses" was a theme on which Mr. Elliott was at home.

A resolution declaring in favor of will represent the interests of the bank on.

farmers was passed, and indicates that the farmers of this section have an eye not for the public servant, and that they have chalked down his actions for future reference.

The meeting chose Colonel White, of Sabetha, President for the coming year. and adjourned to meet at the call of the

One of the good signs of the times is the change in the working time of railroad employes in Topeka. The Santa Fe force has been working on short time about six months. Monday of this week they began again on full time.

A good suggestion is made by a correspondent in another column to the effect that a re-discussion of questions relating to the currency of the country which were settled years ago, is profitless. It can do no good now to go over the greenback discussion again as to whether it was honest money or not or what were the defects in the law. Those matters are all settled now. Everybody favors greenbacks; everybody wants them; they are as good as gold in all transactions, and there is no complaint anywhere as to them. What is needed now is for the people to stand by them and not allow them to be discredited or

Mr. C. H. Isely, of Brown county. an old and respected citizen, is taking a good deal of interest in the Kansas FARMER. And he shows his faith by his works. He has frequently sent us subscriptions from among his neighbors and friends, his last letter containing twenty-four. Mr. Isely is a man of pure morals; he is an earnest Sunday school worker and churchman. When such men as he take hold of a paper to aid in extending its circulation, it is evident that the paper is fit to go into any family. The management of the Kansas FARMER appreciates Mr. Isely's goodwill, and hopes to merit all the good things he says about it.

"Three Years Around the Camp Fires in Virginia" is the title of a little book written by a private soldier in the army of the Potomac, Mr. J. F. Breish. He tells what he saw and felt during those bloody years. His book will have a general interest for all old soldiers, and special interest for those who were in the Eastern army. Mr. Breish, in person, left a copy of his book with the FARMER for our perusal. It is worth the price, 25 cents, to any person who desires to review the scenes of the war, or to read of the hardships and amusements of soldiers on active duty. Published by Kansas Knight and Soldier, 273 Kansas avenue, Topeka, Kas.

The Kansas Farmer is in receipt of so many approving letters concerning our opposition to the demonetization or discrediting of silver as a money metal, that some response seems to be required as matter of respect to our friends. There is nothing that we could say in response which would be more appropriate or true than that we regard the subject of vital importance to all people who earn their living by labor, and that our convictions in that direction are the result of careful, deliberate Hired Help." The paper exhibited that and unprejudiced study. We have the satisfaction now of feeling that what we did in the matter was right, and the further satisfaction of seeing the excitement passing away and the country settling down again into regular business channels of trade without a single dollar of gold having left the country because of the super-abundance of silver. Some day the National bank notes must go, and we want silver and sending men to the Legislature that gold enough then for the people to

Amending the Homestead Law.

There are several bills pending in Congress to repeal the pre-emption and timber culture laws, and at least one which proposes to amend the homestead law. It was introduced in the House by Mr. Fowler, of Ohio. It provides that any person over 21 years, the head of a family, and a citizen, shall receive from the treasury of the United States the sum of \$500 as a loan. The money must be expended solely in improvements upon the land entered and settled on, under conditions imposed by the homestead law, including the erection of buildings, the purchase of seed and implements, and such articles as little watermelon seed tea on her feed may be necessary to improve and cultivate the lands. Before receiving the loans the person applying for it must file with the register or receiver of the local land office most convenient, a certificate signed by the judge of the United States Circuit or District court of the district in which he has resided, to show that he does not own goods or to show that he does not own goods or chattels or real estate in excess of \$300. The loan can be used for no other purpose except for improving the land. The settler is required to mortgage his land at 3 per cent. to the government. A copy of the mortgage is to be forwarded to the general land office at Washington, the original to be retained in the local land office, and the certified copies are declared to be evidence on the part of the United States, and suit for foreclosure may be instituted upon them. The registers are to keep a record of all loans, the names of the persons making them, their places of birth, former residences, the respective agents, the amounts paid upon the same from time to time, and shall make monthly reports of all acts done by them under the provisions of this act. Thirty-five million dollars are appropriated for the purpose of this act. When the mortgage is paid up the entryman is to have his patent if he does not commit perjury and go to the penitentiary.

We give the substance of the bill as an interesting item of news, not that we expect such a bill to become a law.

#### Inquiries Answered.

Holstein Cattle.—Are there any herds of Holstein-Friesian cattle for sale in Kan-

-Yes. Consult our advertising columns DAIRIES.—Are there any dairies in Kansas, and what kind or breed of cattle are used?

-- (1) Yes. (2) Jerseys, Holsteins, Shorthorns, grades and scrubs.

BULL-SEXUAL IRRITATION .- I want to ask through your paper what to do for a bull that abuses himself. He is two years old and a full-blood Short-horn. I have stall fed him all winter, but he looks poor. Now if you will tell me what to do for him you will oblige me very much.

-You have been feeding the bull too strong and have kept him too much confined away from other stock. Change feed to a lighter quality, such as cut hay or straw and wheat bran, give salt and good water plenty and let him run with steers, but be careful to protect him from cold and wet

SICK MARE.—What is the matter with a mare I have? She is twelve years old and is heavy with foal, and up to about a month ago she was in fat order and lively spirits, when she commenced to cough slightly and commenced to fall off; she runs at the nose little but not very much: does not cough commenced to fail off; she runs at the hose a little, but not very much; does not cough very much, is swelled in lumps under the jaws near the throat and there is two swellings just above the breast, one on each side as large as your fist just directly over the breast, but under where the collar works, and there is one swelling on the inside of the right fore leg near the body. A few days ago there was one in the same place on the other fore leg; they are loose, puffy-like swellings, and do not seem sore to press them. There are no sores on the membrane, lining of the nostrils are of the natural color, and no sores anywhere on her body. Bhe run in a timbered pasture with other horses most of the winter, was fed corn and hay untit about three weeks ago. I took her up and keep her in the stable and fed her bran, oats and hay. She will eat only about half a peck of bran and oats a

day, but eats hay with a better relish; seems fond of the bark of cottonwood saplings. She has got very poor and is getting poorer, which is unusual for her. She has done no work to speak of all winter. Just state what her disease is and the remedy. I have given her one tablespoonful sulphite soda twice a day in her water for one week. Send me a copy of the FARMER with the answer in it, and oblige.

—The mare took cold. She reads good.

-The mare took cold. She needs good, warm, dry, clean stabling, and warm, stimulating food. Have oats and rye and corn chopped (ground coarse-equal quantities of each) and feed it on cut hay mixed with warm water. Mix a little powdered ginger and gention with the feed. Let her have exercise in the sunshine, but don't work her any nor ride her much. If her kidneys are torpid or irregular, give her a occasionally.

-The horse went down under the influence of the climate. Horses, like men, go through a process of acclimating when they are taken from one State to another where a different climate prevails. And your horse has not recovered. A good, long rest will be needed, with light, nutritious food. When grass comes let him have all the green feed he wants and don't require any hard or heavy or hurried work of him for one whole year. Exercise him often, but lightly-not enough to worry him. Rub his skin often; keep him clean, and let him go barefooted.

#### Where is Thomas Harkness?

We are requested to publish the following: "Mr. Thomas Harkness left his home on the 1st day of November, 1885, and has not been heard from since. Had on a white hat, button shoes, blue plaid shirt, old faded clothes, black once; has blue eyes, white hair, gray sandy moustache and chin whiskers, short, low forehead, and deep wrinkles between the eyes and straight across the forehead; is five feet eight inches high, large and straight; has set mouth, good teeth and square chin. He belongs to the G. A. R., and is a member of John Brown Post, at Belleville, Kas. Had a Grand Army badge and had his discharge with him. He came to Kansas in 1871. Is a native of Scotland, and was 52 years old November 1st. Any one informing his wife of his whereabouts will be rewarded, as it is feared she will lose her reason unless she hears some word of him. Address Mrs. Sarah Harkness, Cuba, Kansas."

#### How to Raise Roots.

Kansas Farmer:

Will you please ask the readers of the KANSAS FARMER if they can give some information on root raising, such as swede, or rutabaga as it is generally called, and likewise mangel wurzel? How to prepare the ground, what time is best to get the ground ready, whether best to sow in ridges or on level ground, the month to sow the seed, the time of the month, and what cultivation they will need afterward? I would like to hear from some that have had experience in the above. Also, can you tell me the cause of specks of blood being in hens' eggs?

Yours truly, John Clay Center, Clay county, Kas. JOHN KIDBY.

#### To Destroy Cockroaches.

Mr Wm P. Higinbotham. hattan, Kas., proprietor of the Blue Valley Herd of Short-horns, writes us: "In your issue 24th inst., I notice Mr. McDuff's inquiry-"How to exterminate cockroaches." Powdered borax liberally distributed on the floor and around the base-board of the room infested with them, repeated two or three times, will in thirty days time do the business."

Lord Tennyson receives \$1,000 per annum and a butt of Maimsey wine, as poet laure-

### Borticulture.

The Miami County Nurseries. Special correspondence Kansas Farmer.

The Miami County Nurseries adjoin the city of Louisburg, Kansas, on the south and west, and cover in all 400 acres of as fine lands as are anywhere in the State, with every advantage in water, drainage, etc., necessary for successful growing of nursery stock. Cadwallader Bros. are proprietors of the Miami County Nurseries, and both are honorable, reliable, energetic and trustworthy gentlemen in every respect. They established the above nurseries in Miami county in 1869, seventeen years ago, and from a very small beginning have grown to immense proportions. To-day the Miami County Nurseries stand without a successful rival in the great State of Kansas, and are known everywhere as the leading firm in that to the wants of their customers, with a practical knowledge of the best varieties of fruits adapted to this State, has contributed very largely toward attaining for them the high position they now occupy as nurserymen. As to their financial standing and reliability, they refer to the bank of M. Reed & Co., Louisburg, Kansas, and to the Miami County Bank of Paola, Kansas.

The Miami County Nurseries employ none but reliable men to represent them, and every representative carries a commission duly signed by the proprietors, and, furthermore, they guarantee satisfaction both in quality of stock and mode of packing same, and all stock delivered to be as represented or no charge. Any one in need of forest, fruit for producing or effecting the cross, I and ornamental trees, shrubs, bulbs, etc., will find it decidedly to their interest to correspond with the Miami County Nurseries, and one of their pollen by insects; however, I do not give representatives will call upon them. It will pay you to do this, rather than purchase from transient dealers, who are often irresponsible and have no reputation for honesty and reliability to

A KANSAS FARMER representative made a thorough examination of the Miami County Nurseries recently, and having known the Cadwallader Bros. for many years, can speak of a truth that they are men in whom every one can place explicit confidence, with full assurance that in so doing they get value north of the Black Sea was a vast desert

The apple, peach, pear, plum, cherry, crab, apricot and other trees are fine, well-formed and will be difficult to surpass. Their forest trees, consisting of catalpa, maple, pecan, white ash, chestnut and Russian mulberry, are in equally as good condition as the fruit trees. Their importations of evergreens are doing splendidly, and parties desiring to ornate their property certainly ought to secure a few of the French evergreens. Small fruits, shrubs and bulbs receive their careful attention, and are in elegant shape, thrifty and of large size.

The Miami County Nurseries also have a choice lot of Osage orange hedge plants, and parties desiring a durable, easily-constructed and lasting fence should grow hedge, and by putting onehalf the expense on a hedge fence that is required to build other kinds of have it, is a very profitable tree for fences, there need be no fears about having a good fence. The stock annually maimed, crippled and destroyed by coming in contact with a barbed wire fence is enormous, and the value of same would construct and keep in excellent trim all the hedge fences of the State and still leave enough money to found and maintain a public library in every county in the State.

Be sure and write the Miami County

dense and sufficiently rapid. Millions should be planted everywhere on our bleak prairies.

About our friend B.'s advice to "Go slow on mulberry for silk-culture," who recommends to go fast? I refer my friend to my arti le on silk-culture in FARMER of January 20th.

Respectfully,

I. HORNER, Silk Culturist.

Nurseries, and in so doing mention the KANSAS FARMER.

P. S.—Those who patronize these nurseries cannot help but be pleased with the excellent stock they have for the spring delivery. HORACE.

#### Russian Mulberry.

Kansas Farmer:

In justice to my claims as set forth in my article on Russian mulberry, and no injustice to Mr. J. W. Byram, who offers no contradictory criticism, I would like to set this matter clear to the readers of the FARMER. Mr. B. conjectures that the "Russian mulberry is a native of the region whence the Mennonites came," rather than a cultivated hybrid, or cross of several European or Asiatic varieties of the Morus. I having knowledge of the development of south Russia would inform my critic that no "native trees of any kind grew in a vast portion of important industry. A close attention the country whence the Mennonites come, prior to the introduction of the mulberry tree by the Russian government, the tree being introduced with a view of producing climatic change. According to the best authority I have been able to obtain from the Mennonites (who should know), and other authorities corroborate their testimony, the "Niger" and "Tartarica" mulberry was brought from Syria into south Russia about ninety years ago; but much difficulty was realized in its early introduction into Russia, as it was too tender to abide the severity of Russian winters; and this is what led to the crossing of those varieties with the "Alba," which grew on the mountains in the district of Cacausus. As to the method used am not informed, but incline to the opinion that it was accomplished by the mixing of the seed and inter-change of this view as being correct.

The introduction of the mulberry tree into south Russia was under the supervision of a committee appointed by the Russian government; and not as my critic imagined, by the untutored Mennonites. I will say right here that while the majority of the Mennonites as a class are not scientific horticulturists, some among them are, and in no distant future will develop some very important features in that line.

The district of south Russia lying prior to the introduction of the mulberry tree by the Russian Czar; the object of its introduction was to develop the desert, and also to introduce the silk industry, and his purpose was fully attained. The Alba is of several varieties, producing both light and dark-colored fruit. It has been introduced in the United States for many years, and it is probable that the cuttings referred to by Mr. Byram were of that variety, as the history he gives of the "impenetrable hedge" grown from them also testifies.

In some portions of the Mennonite settlement I found the Alba predominant to the extent that the better var eties were quite exceptional; while in other portions, among careful growers, I found a large per cent. of the better qualities of the mulberry.

The Russian mulberry mixed, as we wind-breaks and shrub fence, it is quite preferable mixed, as it grows more dense and sufficiently rapid. Millions

359 sorts Fruits, Plants, Trees. Low prices, Catalogue free. J. S. COLLINS, Moorestown, N.J.

SEEDS 8 packets Flower Seeds 10c. 5 pack ets Vegetable Seed 10c. Postpaid Catalogue free. J. J. BELL, Windsor, N. Y

L ABETTE COUNTY NURSERY. — Seventeenth year. Crescent Strawberry Plants, \$1.50 per 1,000. All kinds of nursery stock equally low. Address J L. Williams, Oswego, Kas.

Broomcorn Seed Wanted! Address, with sample and price, naming variety Seedsman," care 42 LaSalle St., Chicago, Ill.

SEEDS LARGE GARDEN Guide SEEDS LARGE GARDEN GUIDE LA FREE to all. You should have it. Best varieties, all tested, at low prices. COLE&BRO., Seedsmen, Pella, Iowa.

Russian Mulberry Seeds!

Of superior Fruit and Silk-producing qualities, per Package of 10,000 Seeds, \$1. Addres I. HORNER, Silk Culturist, Emporia, Kas.

MILIKEN'S GREENHOUSE, A General Stock of Greenhouse and Bedding Plants, Flowering Shrubs, Shade and Ornamental Grape Vines, Small Fruits, etc.

A 2 cent stamp for Sample Package
of Minnesota Early Amber Cane Seed,
and Eighth Annual Circular on its
Cultivation and Manufacture, Price of
Seed, etc. SETH H. KENNY, Morristown, Minn.

TREES BY MAIL 20 Keifer Pears, grafted, for \$1.
Our specialty, Meech's Prolific Quince, in any quantity. Also New and Valuable Fruits. Berries, etc.
We send instruction show to grow them profitably.
WEST JERSEY NURSERY CO., BRIDGETON, N. J.

No. 1 Hedge Plants, 50,000 One-sund a full line of all kinds of Nursery Stock for the spring trade. Send for Catalogue. Write for what you want and we will give you lowest prices. See Douglas County Nursery, Lawrence, Mss. January 18 1886. WM. PLASKET & SON

TRAWBERRIES!! RASPBERRIE

END 10c. for my new 32 page Illus. Guide
to Small Fruit Culture, containing full
description and colored plate of the
MARIANA PLUM. B. F. SMITH,
Lock Box 6, LAWRENCE, KAS.

CAULIFLOWERS AND HOW to

A New Book, with Practical Information in Minute Detail. By mail, postpaid. 20 Cents. Dealers sup-plied at liberal discount. FRANCIS BRILL, RIVERHEAD, LONG ISLAND, N. Y.

Hedge Plants and Apple Trees 8,000,000 Hedge Plants, also a nice block of 60,000 Apple Trees, to be closed out this spring. BABCOCK & STONE, North Topeka, Kas.

### **Newton Home Nursery.**

FOREST TREES for Timber-Culture Claims, also the justly-popular Russian Apricot, Russian Mulberry and Catalpa Tices and Seedsa specialty, Send for Catalogue R. W. CRANDALL, Newton, Kas.

## Rocky Mountain Evergreens.

THE MOST BEAUTIFUL & HARDY ON EARTH.
Especially adapted to the arid atmosphere of the Western Prairies, and prized by all lovers of beautifut trees. We will send atrial order of 10 Douglas Spruce, 6 to 12 inches, by mail, for \$1, or 100 per express, \$5. \*\* General descriptive Price List Free.

D. S. GRIMES,
Denver Nurserles, DENVER, COL.

#### Hart Pioneer Nurseries Of FORT SCOTT, KANSAS.

A full line of Nursery Stock, Ornamental Trees, Roses and Shrubbrry. And We have no substitution clause in our orders, and deliver everything as specified. 220 Acres in Nursery Stock.

Reference: Bank of Fort Scott. Oatalogue Free n application. Established 1857.

#### Catalpa Grove Nursery

CATALPA SPECIOSA and RUSSIAN MULBERRY Trees—all sizes—one to shree years old. Strawberry, Ra-pberry and Blackberry Plants, Fruit Trees, Grape Vines, and a fine stock of extra two-year-old Currant Bushes.

Ornamental Shrubbery, Roses, Etc. Please state just what you want, and amount of each variety, and we will quote you special prices.

Address D. C. BURSON & CO., Topeka, Kas.

ORCHARD GRASS. Timothy, Clover, Blue Grass, RISH DOTATOES MILLET, HUNGARIAN.

### general purposes. For the purpose of All Kinds of Garden Seeds

Fresh and true to name, direct from Growers.

SEND FOR PRICE LIST OF SEEDS. Address S. H. DOWNS,

78 Kansas Avenue, Topeka, Kas.

STONE'S HARDY All leading Strawberries Small Fruits, STONE'S HARDY Blackberry is our specialty. Best plants. Lowest Prices. Send for List. COE& CONVERSE, Name paper.) Ft. Atkinson, Wis. BLACKBERRY

# The LaCygne Nūrsery.

ESTABLISHED 1870.

### WHOLESALE OR RETAIL.

10,000 Pear and Cherry, 1 and 2 years old. 100,000 Apple and Peach. 50,000 Russian Apricot and Russian Mulerry. 30,000 Grape Vines.

#### 100.000 FOREST TREES!

Box Elder, Soft Maple, Catalpa, etc.

Apple Grafts, Apple Seed, Apple Seedings, Peach Pits, Pecan Nuts, Walnuts, atalpa Seed, Russian Mulberry Seed, Freenhouse Plants, etc., etc.

Low Prices. Satisfaction guaranteed.

Address D. W. COZAD, Box 25, LACYGNE, LINN CO., KAS.

### AMAR NURSERIES

Have a Complete Line of General Nursery Stock, consisting of

#### Fruit, Shade & Ornamental TREES,

Flowering Shrubs, Evergreens, Small Fruits, Etc.

We make a specialty of Forest Trees, consisting of Catalpa, Soit Maple, White Ash, Box Elder, Black Walnut, etc. Also Red Ceder.

49-Stock guaranteed to be first class and at bottom prices.

Price List Free upon application. C. H. FINK & SON, Lamar, Mo.

BLAIR & KAUFMAN, Proprietors.

Office, 100 West Ninth St., Kansas City, Mo.

These Nurseries are on Twelfth street, one-half infleeast of the city limits, and our sales yards in the spring on Walnut street, between Tenth and Eleventh streets.

spring on wannessees, were streets.

This city being the great railroad center of the West, we can ship on shortest notice direct to almost any point: and having an experience of over twenty years in the business, and with the stock growing on our own grounds, we can send out the same fresh and in excellent condition. We have a general nursery of

Ornamentals of all Kinds as well as Fruits.

We solic correspondence from those wishing to deal direct with the Nursery.

## Kansas Home Nursery

Is ready with a full supply of Home-Grown

#### FRUIT AND ORNAMENTAL TREES, Vines, Small Fruits. Shrubs and Plants.

Varieties are tried and worthy for Western Planters, Nurserymen and Dealers, at lowest

Price Lists to applicants.

A. H. GRIESA, Lock Box 1,247, Lawrence, Kas.

### CHOICE FRUIT

10,000,000 TREES AND PLANTS! Forest Trees for Timber Claims.

All kinds of fruit, forest, ornamental trees, shrubs and plants.

trees, shrubs and plants.

A PAPER FREE for one year, devoted to fruit-growing, to all who buy \$1.00 worth of trees or plants. 1 Niagara grape \$1; 6 Russian apricot \$1; 12 Concord grape \$1; 10 dwarf Juneberry \$1; 150 Russian mulberry \$1, and 134 other \$1 sets per mail, postpaid. Silk worm eggs and mulberry trees for silk culture. Send at once for our price list.

Address CARPENTER & GAGE,
Fairbury, Jefferson Co., Nebraska.

#### Free Cata-logue of Seed Potatoes -- Irish and Sweet--20 varieties

3,300 BUSHELS FROM EIGHT ACRES! How it was Done and the Variety.

## SWEET POTATOES!

In same Book. It contains directions for

Sprouting, Raising and Keeping SWEETS, and valuable hints on Irish Potato Culture. Address EDWIN TAYLOR,

Potato Specialist, Edwardsville, Kas.

## SEEDS

Wm. Henry Maule, 1743 Filbert Street, Philadelphia, Pa.



Is abook of 70 pages, with 200 engravings of Orchard and Small Fruits, Nuts. &c. Gives honest descriptions of Golden Queen Raspberry, Lawson Pear, and over 406 other Fruits, instructions for planting, pruning, cultivation and management, with low, prices for Trees and Flants.

Price 10c. with Colored plates is without plates oc. Price Lists free,

PER ACRE, raised of our new GREEN MOUNTAIN
POTATO. Send for history, description and full particulars. A wonderful
Variety Enormously Productive, Perfect in Form, Color and
Table Qualities. TI WILL PAY YOU!

OUR SUPERB SEED CATALOGUE Embraces all kinds of seeds. Each variety honestly reported, Reduced prices. Inducements tolgardeners. Mailed Free-J.A. EVERITY & CO. Seedsmen, Box 42, Watsontown, Pa.



Write for their ILLUSTRATED CATALOGUE. Address : PLANT SEED COMPANY,



,000,000 of Grape Vines of N Empire State, Lady, De id all other new and old sorts. Concord

#### GELSDORF BROS. SEED MERCHANTS,



ATCHISON, KAS. Sell the most reliable SEEDS.

Send us your address and we will mail you a nice

ILLUSTRATED

Catalogue

### Ever Blooming Six Distinct Sorts for only 50 cents

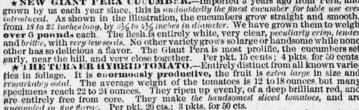
Or 6 Hardy Climbing Roses, or 3 Fine Moss Roses, or 6 Bingle Geraniums, or 6 Double Gerniums, or 5 Fancy leaf Geraniums, or 6 Truchsias, or 6 Chrytanthemums, or 5 Hibisus, or 6 Carnation Pinks, or 6 Fancy Leaf Joleus, or 5 Begonias, or 6 Sweet scented Violets, or 6 Tuberose Bulbs, or 6 Gladiolus, or 12 Acakets either Flower or Vegetable Seeds.

For \$1.25 I will send any 3 of the above collections, rfor \$2.50 I will send 50 these collections, my section of sorts, but all strong plants for immediate looming, labeled, delivered safety by mail. Choice



James J. H. Gregory, Marblehead, Mass.

# RPEE'S NEW SEEDS 1886



W. ATLEE BURPEE & CO., PHILADELPHIA, PENNA.

WONDERFUL NEW IRON-CLAD PLUM
MARIANA STARK NURSERIES 520 Year. 300 Acres







Perfectly Reliable. Self-Regulating. All Eggs turned at once, Requires no watch-ing at night. Best Cheap Incubator made. Send for Price List and Circular showing cuts of the finest broader in the world. Also breeder of high class Wyan-dottes, Plymouth Rocks and Langshans.—20 Pens. O. P. SCOTT, Quincy, 111.



CHALLENGE
WIND MILLS never blow
down, a record no other
mill can show. Sent on 30
days' trial. Also feed grindera, shellers, pumps, etc.
Agents wanted. Catalogues
free. CHALLENGE WIND
MILL AND FEED MILL Co.,
Batavia, Kane Co., Ill.



The Cooley Creamer Raises all the Cream be tween the milkings. Save55 the labor. Increases yield 6 outer; improves quality; quadruples value of skim milk. Will pay for itself wice or more every season Cooley System is the only uniform dairy method in existence. Send for circular, free, to
190 Lake St., UHICAGO.

IMPROVED Eureka Butter Workers.



The old "EURREA"
is too well known
by Western Creamery men to need
extensive advertising. The IMPROVED reduces the friction
so much as to war-

int the claim made that it is operated with nich less labor. It is the best and easiest orker. The EUREKA is used in more facto-es than any Worker made. Four Sizes. PROVED is manufactured only by ARM MACHINE CO., Bellows Falls, Vt.



#### ECLIPSE POST HOLE DIGGER

The Greatest LABOR-SAV-ING tool ever invented for digging holes in the ground. This machine works on a new principle, and is unlike anything in the market. It is neither an Auger nor a Plunger, but is driven in the ground with a driving rod, which works in a pipe similar to a telescope. We claim for this tool: 1st That one man can dig from two to three hundred holes two feet deep in ordinary ground in one day. 2d. That it will dig holes any size or depth required.

3d. That it will work successfully in very hard or rough ground where other diggers and augers will not work at all.

at all.

4th. You stand up straight while
using it, consequently no back-breaking work is required.

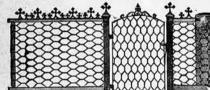
It will pay you to send for descriptive circulars and prices to

COLE & FLEMING, Mfrs., Springfield, Obio.

Where to get the materials in the cheapest form; how to make up formulas for different crops; seven ways to make plant food or bones, ground and whole; all about fish for manure and where to get them, and wood ashes, &c.,&c. A book of 120 pages, crowded with valuable information, all given in the plain, common sense way farmers can understand. By mail 40 cts. Also books on Onion, Squash, Cabbage, and Carrot and Mangold raising, at 30 cents each, or the five for \$1.35 by mail. Two of these have been through to and 15 editions. My large Seed Catalogue free to all who write for it.

JAMES J. H. CRECORY, MARBLEHEAD, MASS.

# -- SEDGWICK --



Is the best general purpose wire fence in use. It is a strong net-work without barbs. Don't injure stock. It will turn dogs, pigs, sheep and poultry, as well as horses and cattle. The best fence for Farms, Gardens, Stock Ranges and Rall-roads. Very neat, pretty styles for Lawns, Parks, School-lots and Cemeterles. Covered with rust-proof paint, or made of galvanized wire, as preferred. It will last a life-time. It is better than boards or barbed wire in every respect. The Sedgwick Gates made of wrought-fron pipe and steel wire, defy all competition in lightness, neathers, strength and durability. We make the best, cheapest and easiest working all-iron automatic or self-opening gate, and the neatest cheap iron fences now made. The best Wire Stretchers, Cutting Pilers and Post Augers. For prices and particulars ask Hardware Dealers, or address, mentioning paper.

SEDGWICK BROS., Richmond, Ind-

GRAPEVINES —Large Stock, First Quality, Low Prices. Emple 8 sate, Niagara, Golden Pocklington, Delaware, Lady; one each, first-class, postpaid for \$2. 60,000 first-class Concords, at \$2 per 100; \$12 per 1,000. Also Worden, Rivira foun, Ives, Ciawon Vergennee, Brighton, Early Vicor, Moores' Early, Rogers' Hibrids, etc. Rasperries and other small fruits. Catalogues free.

GEO. W. CAMPBELL, Delaware, Oblo.

GEO. W. CAMPBELL, Delaware, Ohio.

FREEZING TO DEATH! CATTLEMEN!

FARMERS! Don't let your stock freeze another winter. Plant RED CEDARS and TIMBER TREES for shelter—wind-breaks—ornament and profit. We have immense stocks. Red Cedars and Timber Tree Seedlings—all varieties. Also Large and Small Fruits. Write us for Price Lists. Address

BAILEY & HANFORD,

(On Ill, C. R. R.)

Makanda, Jackson Co., Ill.



Hendquarters for LAWS ON and KIEFFER Pears. PARRY and LIDA—Best Market Strawberries. WILSON, Jr.—The largest known Blackberry, and best variety for cold climate where winter protection is necessary. 4% in. around. 163 bu.per acre. MAILLBORO, NIAGARA, other NEW Grapes. Fruit Trees, &c. WM, PARRY, PARRY P. O., N. J.

RELIABLE arden Seed

MARKET GARDENERS' trade A SPE-CIALTY. Catalogue free. Send for it. AARON LOW, SEED GROWER, MASS.

Hardy Small Fruits.

Plants of Highest Quality.
Stock. Lowest Prices. Large Stock. SEED POTATOES.

Varieties that Resist Rot and Yield Heavily. Write for Free Illustrated List to J. F. DAYTON, Waukon, Allamakee Co., Iowa.

Will be mailed FREE to all applicants, and to customers of last year without ordering it. It contains about 180 pages, 600 illustrations, prices, accurate descriptions and valuable directions for planting all varieties of VEGETABLE and FLOWER SEEDS, BULBS, etc. Invaluable to all, especially to Market Gardeners. Send for it.

D. M. FERRY & CO., Detroit, Michigan.

Teading treading treading treading in July 1 July 1

VIRGINIA FARMS Mild Climate. Cheap homes. Northern Colony. Send for circular. A. O. BLISS, Centralia. Va.

\$1000 Positively sure to Agents everywhere selling our New SILVER MOULD WHITE WIRE CHOTHES-LINE. Warranted, Pleasea at sign Cheap. Sells readily at every house. Agents Every 1000 Days Slood ouring Winer. Handsome samples free. Address, GIRARD WIRE MILLS, Philadelphia, Pa.

Off with the tariff on seeds! - - - Relief for the people! Off with the tariff on seeds!

CREAT SUCCESS TO SEED TRADE

OUR NEW DEPARTURE IN THE SEED TRADE

SEEDS AT YOUR DOOR AT WHOLESALE PRICES.
In order to sell our seed crop—1885—direct to the planter, we make the following PROPO
STION: 60 CENTS will send by mail post-paid.

Of-For 60 CENTS will send by mail post-paid.

"It he following new and improved seeds:—is sation." Early Blood Turnip Beet,
the earliest and "BEST OF ALL" BEANS most remarkable snay
beds at the day of the seed of t

NEW

banking up; excellent quality; keeps all the tree, tender and original all settines, tender and original all settines. Pride of Georgia W attermelon, none sweeter or better. THE SPANISH NECTAR First premium at Penna. State Fair. Fromounced the best-fiavored must melon in the south of Spain. THE SPANISH NECTAR First premium at Penna. State Fair. Fromounced the best-fiavored must melon in the word. New Red Rocea Orion from Itsaly. Grows large orions from seed first year. Tennessee Sweet Petatto from Itsaly. Grows large orions from seed first year. Tennessee Sweet Petatto Funghin, none better for plargest and finest sweet peper ever seen. Improved Ruby King Pepper or outstards. About? Improved Sugar-Paranip, Pumpkin, none better for plargest and finest sweet peper ever seen. Improved Long Scarliet Radiaw Brazilian Sugar Squash, sweetest and best-fiavored, for apring or summer. New Brazilian Sugar Squash, sweetest and best-fiavored, for spring or summer. New Brazilian Sugar Squash, sweetest and best-fiavored, for spring or summer. New Brazilian Sugar Squash, sweetest and best-fiavored, for summer or winter for plargest and finest sweet pepper ever seen. Improved Long Scarliet Radiaw Brazilian Sugar Squash, sweetest and best-fiavored, for summer or winter for plargest and finest stands to the summer of the seen to the see

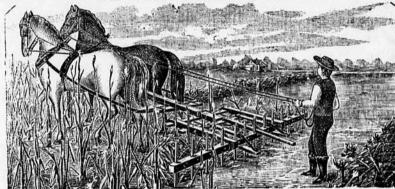
Seter Henderson Our Seed Warehouses, the largest in New York, are fitted up with every appliance for the prompt and careful filling of orders. Our Green-house Establishment at

Our Catalogue for 1886, of 140 pages, containing colored plates, descriptions and illustrations of the NEWEST, BEST and RAREST SEEDS and PLANTS, will be mailed on receipt of 6 cts. (in stamps) to cover postage. PETER HENDERSON & CO. 35 & 37 Cortlandt St.,

Niagara, Empire State
and all the other best Grape Vines, new and old. Vines wintered in Mammoth stone cellars with roots in fine sand. Trees and Small Fruit
Plants. By mail, express or freight Lowest prices ever known for Dealers, Agents,
Planters and Everybody. In every respect a Model and First-class Establishment. Accu-

CEO. S. JOSSELYN, Fredonia, N. Y.

GREBE REVOLVING STALK RAKE Patented August 23, 1881.





WATERPROOF & FIREPROOF. ADAPTED FOR ANY ROOF.

Guaranteed Best and Cheapest Roof Used. Ask your Dealer or Write Us for Prices and Testimonials.

M. EHRET, Jr., & CO. Ask for BLACK DIAMOND BRAND. W. E. CAMPE, Agent, 9th and Olive Sts., St. Louis, Mo.



PILES, Instant relief. Final cure in 10 days, no suppository. Sufferers will learn of a slimble remedy Free, by addressing C. J. MASON, 78 Nassau St., N. Y.

EGRETS OF LIFE

Sent FREE: seated. Private adviser, 28 lilustrations all languages. Contains copies of our Diplomas, Certificates and Testimonials of Cure. Correspondence scarcelly private. Brushes, etc. Large advertising, sales of Cure. Correspondence scarcelly private. Brushes, etc. Large advertising, sales are private Dispensary., 132 Clark St., Chicago.

So great is our faith that we can cure you, dear sufferer, that we can cure you, dear sufferer that

CATARRH SAMPLE TREATMENT

### THE STRAY LIST.

Strays for week ending Feb. 17, 1886.

Hodgeman county-E. E. Lawrence, clerk. PONY—Taken up by J. C. Sanders, of Center tp. C. O. Jetmore), one sorrel horse pony, 10 years old, describable brand.

Nemaha county—R. S. Robbins, clerk, STEER—Taken up by J. P. Cone, of Richmond tp., (P. O. Seneca), January 23, 1886, one 1-year-old light red steer, crop off left ear; valued at \$20.

Neosho county -- T. B. Limbocker, clerk. 2 STEERS.—Taken up by S. E. Beach, of Tioga tp., (P. O. Chanute). February 6, 1886, two white steers, 1 year old, one has red ears, no other marks or brands; valued at \$12 each.

Shawnee county—D. N. Burge, clerk,
2 PONIES—Taken up by J. E. Guild, of Silver Lake
tp., January 18, 1886, two mare ponies,—one bay, white
star in forehead, about 5 years old; the other brown,
small white spot in forehead, both hind feet white;
valued at \$40 each.

Labette county—W. W. Cook, olerk.

COW—Taken up by John Torrence, of Hackberry
tp., January 19, 1886, one small red cow, 5 years old;
valued at \$15.

COW—By same, one medium-sized red cow, branded
T on left hip, 5 years old; valued at \$15.

COW—By same, one medium-sized red cow, 10 years
old, point of each horn off; valued at \$13.

COW—By same, one red and white 3-year-old cow;
valued at \$16.

COW—By same, one red and white 3-year-old cow;
valued at \$16.

Pottawatomie county-I.W. Zimmerman, clk. 2 HEIFERS—Taken up by James Coniskey, of St. Marys tp., December 3, 1825. two yearling helfers,—one red and white, and one white with red neck, no marks or brands; valued at \$8 each.

#### Strays for week ending Feb. 24, 1886.

Lyon county-Roland Lakin, clerk.

Lyon county—Roland Lakin, clerk.

HEIFER—Taken up by Andrew Miller, of Elmendaro ip. December 21, 1885, one 2-year-old spotted heifer, no marks or brands; valued at \$12.

STEER—Taken up by H. A. Loy, of Americus ip. January 5, 1886, one red and white spotted yearling steer, tip off right ear and under-bit in left ear, dim brand on left hip; valued at \$18.

STEER—Taken up by John Rosenguise, of Jackson p, January 12, 1886, one yearling steer, red-roan, dim brand on right hip; valued at \$18.

STEER—Taken up by E. C. Payne, of Ivy ip., November 19, 1886, one red-roan 2 year old seer, streak over the back behind the shoulders, white on belly and on hind legs, under-bit in left ear; valued at \$33.

HEIFER—Taken up by John Morris of Jackson tp., December 22, 1885, one white 2-year-old heifer, small, no marks or brands; valued at \$16.

STEER—By same, one 2-year-old roan steer, crop and swaliow-fork in right ear.

Allen county-R W Duffy, clerk.

HEIFER-Taken up by J. A. Christy, of Iola tp., November 27, 885, one woan 2-year-old heifer, no marks or brands; valued at \$12. STrER-Taken up by P. W. Fisher, of Carlyle tp., January 16, 1886, one red and white 1-year-old steer, no marks or brands; valued at \$14.

Sumner county—Wm. H. Berry, clerk.

COW—Taken up by W. J. Addie, of Chikaskia tp.,
February 10, 1886, one rei cow, no brands, a elit in the
right ear and the left ear cropped, point of left horn
broken: valued at \$18.

HEIFER—Taken up by James Kuhn, of Belle Plaine
tp., January 23, 1886, one red and white speckled
2-year-old heifer, no marks or brands; valued at \$20.

Greenwood county-J. W. Kenner, clerk. HEIFER—Taken up by S. Shaugh, of Quincy tp., one small red 2-year-old helfer, indistinct brand, no ear-marks; valued at \$12.

Shawnee county--D. N. Burdge, clerk. Bhawhee County--D. M. Buruge, closs.

HORSE-Taken up by James P. Garrett, of Mission
tp. February 18, 1888, one light brown horse, 14 years
old slit in left ear; valued at \$30.

HORSE-Taken up by B. F. Chapman, of Soldier tp.,
February 15, 1886, one bay horse (selding), 8 years old,
no marks or brands, a pic co of blue ribbon braided in
nane at time of taking up; valued at \$50.

Riley county—O. C. Barner, clerk. STEER—Taken up by H. H. Greeley, of Ashland tp., ebruary 2, 1886, one small yearling steer, red and white mixed; tip of left ear off, right ear notched in the under side.

Elk county--J S. Johnson, clerk. STEER-Taken up by John Thompson, of Grenola in Greenfield tp., January 12, 1886, one red and white spotted 1-year old steer, no marks or brands; valued at \$20.

Nemaha county-R. S. Robbins, clerk. HEIFER-Taken up by J. L. Payne, of Illinois tp. (P. O. Centralia), February 17, 1886, one roan steer 1-year old past, no marks or brands visible; valued at \$16.

Washington county—John E. Pickard, clerk.

COW—Taken up by L. J. Sprengle, of Coleman tp.,
January 18, 1886, one very large white-roan cow, age
about 6 years, weight about 1,100 pounds, branded 8 on
left hip, hole punched in left ear; valued at \$30.

#### Strays for week ending March 3, 1886.

Montgomery county - H. W. Conrad, clerk. Montgomery county— H. W. Conrad, clerk.

HEIFER—Taken up by J. H. Hand, of Cherokee tp.,

January 16, 1886, one red and white spotted helfer.

coming 2 years old, branded M. C. on right hip. crop

off both ears, swallow-fork in left ear; valued at \$10.

STEER—By same, one muley steer, 2 years old, line
back, spotted side, red neck, swallow-fork in right ear;

valued at \$12.

COW—Takeu up by M. T. Cranor, of Caney tp., No
vember 19, 1885, one black and white cow, 6 years old,

medium size, Indian stock, branded OO on left hip and

A with a line under it on left side; valued at \$15.

McPherson county--E. L. Loomis, clerk.

STEER-Taken up by C. J. Stronquist, of Harper tp., December 15, 1885, one red steer, about 1½ years old, no marks or brands; valued at \$22.

STEER-Taken up by G. H. Powers, of Canton tp., one dark red steer, about 2 years old, weight about 700 pounds, round brand on each side of tail, (no value or date given).

Greenwood county--J.W. Kenner, clerk. STEER—Taken up by M. W. Watson, of Bachelor ip., November I, 1885, one yearling steer, no marks or brands visible; valued at \$12. STEER—Taken up by J. A. Valk, of Bachelor tp., November I, 1885, one red 2-year-old steer, no marks or brands; valued at \$28,

Woodson county-I. M. Jewett, clerk. HEIFER—Taken up by T. R. Carlisle, of Toronto tp., one 3 year-old heifer, mostly red, no marks or brands visible.

Nemaha county—R. S. Robbins, clerk.

HKIFER—Taken up by Alex Moore, of Seneca, in
Mitchell tp., February 3, 1886, one 1-year-old red
helfer, a little white on belly, bush of tail off, crop of
both ears, under-bit in left ear,

### SELL

Your High-Priced Farm!

### BUY

Good Farming Land

## FINNEY CO

#### SCHOOL LAND.

From \$4 to \$7 per acre. One-half cash, balance in twenty years at 6 per cent. interest. We have several choice sections within ten miles of R. R. station.

#### DEEDED LAND.

From \$3 to \$200 per acre.

Homestead and Tree Claim Relinquishments

### For Sale Cheap.

IRRIGABLE IF NECESSARY.

We locate Settlers on Government Land.

For further information address

#### KIMBALL & REEVE,

Garden City, Kansas.

FARMS AND RANCHES--INVESTMENTS and IMMIGRATION!

We have for sale or exchange Agricultural and Grazing Lands in Missouri, Kansas, Colorado, Texas and New Mexico, in tracts from one to one million acres. Wild Lands, \$1 to \$10 per acre on one to eleven years' time. Improved Farms, \$10 to \$50 per acre, owing to location; terms reasonable. We are agents for Union Pacific Railway Lands, and locate colonies; buy and sell city, county, township, bridge and school bonds: make loans on firs'-class improved lands (perronal examination) at 7 to 8 per cent. 2 to 5 years' time. Correspondence and capital solicited. References and information given free. Special raises to excursionists. Address or call on. Farm, Ranch & Investment Co., Room 32, Cor. 7th and Delaware Sts., Kansas City, Mo.

#### FOR SALE!

I have a first class RANCH AND STOCK for sale cheap to cash customer. Send for des ripiton. H. H. REYNOLDS, 29 Sheidley Building, Kansas City, Mo.

MARYLAND FARMS Book & Map free, by C. E.

### GALLOWAY CATTLE SALE.



The undersigned will sell at Public Sale at

#### GOODRICH, KANSAS

(Fifteen miles east of Garnett, 12½ miles southwest of Greeley, 16 miles west of LaCygne,) commencing at 10 o'clock a. m., on

Thursday, March 11th, 1886, The following described stock :

70 THOROUGHBRED and HIGH-GRADE

### GALLOWAYS

Five thoroughbred bulls, from 1 to 4 years old; thirly half-blood bulls, 1 and 2 years old; two thoroughbred cows; the balance half blood helfers, 1 and 2 years old.

Bixty head of high grade Short-horn cows and helf-Bixty head of high grade Short-horn cows and helf-ers with calf by thoroughbred Galloway bulls.

#### HORSES AND MULES.

Four geldings, 5 and 6 years old this spring; five mares, from 4 to 10 years old; six mules—1 span 2 years old, and the others 3 years old this spring. All good, fine mules.

old, and the others o years out this spring. At a good, fine mules, I also have 10 head of hogs, consisting of good brood sows and fine shoats, for sale. Also farm utensils, consisting of wagons, harness, plows, etc.

TERMS:—All sums under \$10, cash in hand; on sums of \$10 and over a credit of twelve months will be given, purchaser giving note with approved security, orawing 10 per cent, interest from date. Five per cent. discount for cash.

H. H. MogLOTHILIN, Auctioneer.

# 200 HEAD OF

# High-Grade :: Short-horns!

## 10 THOROUGHBRED SHORT-HORN BULLS

Will be Sold at Public Auction

At St. Marys, Kas., Thursday, April 1st, 1886.

All the females have five or more thoroughbred Short-horn crosses, making them practically thoroughbreds, and none of them will be over six years of age. Among the bulls to be disposed of is Kirklevington Lad 5th, a finely-bred Bates, bred by T. J. Megibben, of Kentucky. Sale positive, without reserve. Pedigrees furnished day of sale.

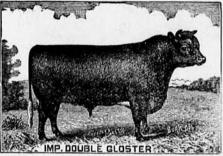
TERMS: -- Cash, or a credit of eight months will be given if desired, on acceptable notes, bearing 8 per cent. interest.

For further information address

S. A. SAWYER.
J. J. WELCH,
Auctioneers.

BRO. PATRICK KEHOE, St. Marys, Kas.

### BLUE VALLEY HERD STUD OF SHORT-HORN CATTLE,





The Blue Valley Herd and Stud offers for sale FIFTEEN RECORDED SHORT-HORN BULLS of choice breeding, good colors and splendid individual merit; thirty head of equally good COWS AND HEIFERS: also thirty head of first-class ROAD-STER, DRAFT AND GENERAL-PURPOSE HORSES, many of which are well-broken single and double drivers.

My stock is all in fine condition and will be sold at reasonable prices. Correspondence and a call at the Blue Valley Bank respectfully solicited. Write for Catalogue. MANHATTAN, KAS., January 1st, 1886.] WM. P. HIGINBOTHAM.

#### SHOCKEY & GIBB. Lawrence, : Kansas.

## HEREFORD

OUR SPECIAL PRIVATE OFFERING consists of FORTY HEAD of curly, mossy-coated, deep-meated HEIFERS, in calf to our noted herd bulls, BEAU MONDE and BEAU REAL, and sired by the Royal winner CHANCELLOR by HORACE, Royal winner HOTSPUR by LORD WILTON, ATTILLA (own brother to HESIRD), CASSIO and RUDOLPH, by THE GROVE 3d and REMUS.

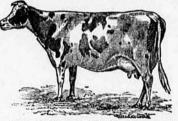
Also THIRTY HEAD of

#### Yearling and Two-year-old Bulls

by the above sires, a number of which are well suited to head choice herds and win honors in the show ring.

OUR HERD NUMBERS 125 HEAD of easily-kept, early-maturing Herefords, of great scale and substance, and our first-prize and sweepstakes-winning herd bulls, Reau MONDE and BEAU REAL, stand high in typical beef points, having for ancestry bulls of Royal Show notoriety and famous as beef-producers.

### HOLSTEIN-FRIESIANS



ALL AGES AND BOTH SEXES. HOME-BRED AND IMPORTED.

Cows and Heifers Bred to Best Netherland and Aaggie Bulls. The Average Records of a Herd are the True Test of Its Merit.

The Following Milk and Butter Records Have All Been Made by Animals Now in Our Herd: MILK RECORDS:

Five Cows have averaged over 19,000 lbs. in a year. Ten Cows have averaged over 18,000 lbs. in a year.

We know of but 23 Cows that have made yearly records exceeding 16,000 lbs. and 14 of them are now in our Herd and have averaged over 17,500 lbs.

Twenty-five have averaged over 16,000 lbs. in a year. Sixty-three, the entire number in the Herd that have made yearly records, including 14 three-year-olds and 21 two-year-olds, have averaged 12,785 lbs. 5 ozs. in a year BUTTER RECORDS:

Five Cowe have averaged 20 lbs. 7 o.s. in a week. Nine Cowe have averaged 19 lbs. % oz. in a week. Fifteen Cowe have averaged 17 lbs. 6 ozs. in a week. Six three-year-olds have averaged 14 lbs. 3 ozs. in a week. Eleven three-year-olds (the entire number tested) have averaged 13 lbs. 2 ozs. in a week. Elx two-year-olds have averaged 10 lbs. 15 ozs. in a week. Fifteen two-year-olds (the entire number tested) have averaged 10 lbs. 8 ozs. in a week. The entire original imported Netherland Family of six cowe (two being but three years old) have averaged 17% lbs. in a week. This is the Herr from which to get foundation stock. Prices low for quality of stock. SMITHS, POWELL & LAMB, Lakeside Stock Farm, Syracuse, N. Y.



CLOSES ON OUTSIDE OF NOSE. Only Double Ring Invented.

Champion Hog Ringer Rings and Holder.

The only ring that will effectually keep hogs from rooting. No sharp points in the nose.



Only Single Ring Ever Invented that Closes on the Outside of the Nose. **Elliptical Ring** 

Triple Groove Hog & Pig Ringer.
Only Single Ring that closes
on the outside of the nose. No

oting. No sharp points in the nose. I sharp points in the nose to keep it sore. CHAMBERS, BERING, QUINLAN CO., Exclusive Manufacturers, DECATUR, ILLINOIS.

### The Veterinarian.

[The paragraphs in this department are gathered from our exchanges.—ED. FARM-ER.]

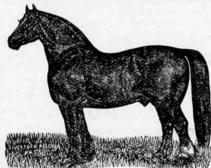
ANTHRAX.-I recently lost a bull by an obscure disease, and should like to know what it was and whether it is likely to affect other stock or not. He was three years old, had been stabled for four months, was in good flesh and had never been sick in his life. The first indication of disease noticed was one morning, the right parotid gland was swelled to half the size of a man's hat. The swelling increased during the day, extended along his throat and to a small extent under the other jaw. There was some swelling on the right jaw inside his mouth. His tongue was white and bloodless. The next day the swelling extended down his throat to his fore legs, occasioning some difficulty of breathing but no cough, and was accompanied by fever. The third day the swelling increased on the lower part of his throat and in the evening he died. He ate and drank very little the first day, and none afterwards. He could walk about readily until the afternoon of the third day, and appeared to suffer very little at any time. From the first I used remedies freely to reduce the swelling, allay inflammation and neutralize any blood poison. Two M. D.'s examined him early in the disease, and pronounced the symptoms the same as of snake bite. A post mortem examination showed that the digestive organs and liver were in normal condition. The lungs were of proper size and appearance except next to the throat, where they were bloody and disorganized. The heart was about twice its natural size and very much disorganized in its upper part, the tissues appearing like so many strings. The flesh in the swelled part was in the same condition. No similar case has been known about here. -[Anthrax-Carbuncular fever-Pustula maligna. - We cannot see the possibility of your animal being bitten by a snake when confined in the stable. If it had been on pasture there might be something in it, but from the symptoms given by you we do not hesitate in saying it was anthrax, a blood disease, a fever, in which there is a very sudden change in the physical characters and physiological properties of the blood, and in which passive hemorrhages, ecchymoses, phlegmons, boils, carbuncles, and gangrenous applications occur with fatal results. It originates spontaneously in young animals more readily than in old, in the thrifty and vigorous more readily than in the weak, and in those changed from spare to liberal feeding. Animals are destroyed by anthracoid diseases when fed on very rich food, and especially when kept within narrow limits so as not to get sufficient exercise. Symptoms vary in many cases, but generally there is shivering, lassitude, stupor, impaired appetite, a whitish discharge from the nose, accelerated pulse and breathing, with either costiveness with slimy dung or scouring, high-colored urine, swellings from the size of one's fist to one's head, extending from the throat to the chest and belly and different parts of the body, or engorgements of the limbs and head. These symptoms increase and death may ensue in forty-eight hours. Treatment: Success is only attended by opening the bowels freely, giving plenty of exercise, keeping the strength up by giving diffusible stimulants, such as carbonate of ammonia, and applying cold water to the swelling. Preventives consist of low diet, active exercise, purgatives, and neutral salts

in water.]

### Clydesdale and English Shire Horses.



GALBRAITH BROS., Janesville, Wis



JOHN CARSON.

Winchester, - - - Kansas, Importer and breeder of CLYDESDALE and PER-CHERON-NORMAN HORSES, Choice stock for sale, including some flue Grades. Also Jacks for sale. Correspondence solicited. Satisfaction guaranteed.

E. BENNETT & SON TOPEKA, : KANSAS,



Importers and Breeders of PERCHERON-NORMAN and Co.YDESDALE HORSES. Sixty head just received from Europe. Write for Illustrated Catalogue



We are aving now a large selection of Importer Horses and Mares of fifty head, our importation this year; have been selected with the greatest care from the best draft horse breeding districts of France. Having taken the \$100 premium offered at the Fat Stock Show in Caicago for the dive best imported horses in ported in 1885, we will be pleased to show our horses to visitors. Correspondence invited and promptly an awered.

DEGEN BROS., Ottawa, Ill



J. A. DAVIDSON Richmond. : Kansas,

Condition



Breeder of POLAND-CHINA SWINE. corced in O. P.-C. R. 100 choice Pigs for sal tion invited, Correspondence solicited.

### J. N. THOMPSON

MORAN, ALLEN CO., KANSAS, Breeder, Dealer in and Shipper of

IMPROVED POLAND-CHINA SWINE

Choice Pigs for Sale.

Pedigreed stock-C. P.-C. Record. Correspondence invited. [Mention this paper.]

S. V. WALTON & SON, Box 207, Wellington, Kansas,

-Breeders of-

IMPROVED POLAND-CHINA HOGS Of the Highest Type.

All well pedigreed. Correspondence solicited

EXCELSIOR HERD OF

POLAND-CHINAS and ENGLISH BERKSHIRES. D. H. WEBSTER, Austin, Cass Co., Mo.

My herd is made up of individuals from noted and popular families. Are all recorded. Single rates by express. Choice Pigs for sale. Prices low. I also breed from premium stock, Plymouth Rocks, Langshans, Mammoth Bronze Turkeys, Toulouse Geese, and imperial Pekin Ducks. Fowls for sale. Eggs in season. Send for Circular, and mention KANSAS FARMER



#### THOROUGHBRED POLAND-CHINA



woll. 5. Quiversity of the world. We have made includy of this breed for 38 years. We have made includy of this breed for 38 years. We are the larges receders of thoroughered Poland Chinas in the world injuped over 706 plgs in 1883 and could not supply the mand. We are raising 1,000 plgs for this season and. We have 160 sows and 10 males we are breeding onn. Our breeders are all recorded in American P.-(ecord - Pigs all eligible to record. Photo card of 4 receders free. Swind Journal 25 cits, in 2 cent stamps. Come and see our stock; if not as represented we will any your expenses. Special rates by express.

#### THE GOLDEN BELT HERD OF THOROUGHBRED POLAND-CHINAS



Comprises fifty sows and four choice males, every me a show animal, carrying the blood of Black Bees, U.S., and Tom Corwin strains. Sows as fe in ply coung boars and sows for sale. All stock recorded to A.P.-C. Record. Pedigree with every sale Describe xactly what you want. Orders booked for spring sigs. Correspondence promptly answered. igs. Correspondence promptly answered.
F. W. TRUESDELL.
Successor to Truesdell & Perdue, Lyons, Kas.

### OTTAWA HERD OF Poland-China and Duroc Jersey Red Hogs.



### I. L. WHIPPLE, Prop'r, Ottawa, Kas

I. L. WHIPPLE, Prop'r, Ottawa, Kas.

I have for sale a fine lot of young pigs sired by Jay, hawker 2639, Ottawa King 2885 (the champion hogs of Franklin county), and Buckeye Boy 2d 2219, Ben Buter 2877, Leek's Gill-Edge 2887, which are very fine breeders of fashlonable strains. My sows are all first-class and of popular strains. My sows are all first-class and of popular strains, I also have an extra fluot of Duroc Jersey Red pigs for sale from sires and dams that have never been beaten in the show ring in four c unties in Kansas. I have bogs of all ages in only of the prizes this last year. My herd has never have any disesse Stock all eligible or recorded in Central Record. Please call and see slock, or write and give description of what you want. Inquiries promptly answered. Farm, three milessoutheast of Ottawa, Kas.

### IMPROVED POLAND-CHINAS



GRANGER HERD consists of 22 Registered Sows and 5 Boars premium stock, and their offspring, Pigs representing from twelve to twenty-eig! ht premium ancestors on pedigrees furnished. Black Rosal Corwin 327; as furnished boars for some of the bast berds in the West. Ohlo Index and Kaisas St. mwinder 3605 represent the highest Obio premium stock; Levi 6599, Donsey's Sweepstakes 3611 and Hanna's Best are now in service.

We have shipped as many fine pigs, from West Virgina to California, as any breeder in the West. We sell only the best, and have no cheap ten-dollar pigs for anybody. Describe exactly what you want, naming nearest express office.

Ottawa, Kansas.

### ENGLISH BERKSHIRES.



THE WELLINGTON HERD of well-bred and imported BERKSHIRES is headed by Hopeful Joe 1889. The herd consists of twenty matured brood sows if the best families. This herd has no superior for size and quality, and the very best strains of Berkshire blood. Stock all recorded in A. B. R. Correspondence and inspection invited Address

M. B. KEAGY, Wellington, Kas.

PLEASANT VALLEY HERD

Pure-bred Berkshire Swine.



I have thirty breeding sows, all matured animals and of the very best stratus of blood. I am using nose splendid imported boars, headed by the splendid rize-winner Plantagenet 2919, winner of five first rizes and gold medial at the leading shows in Canada n 1881. I am now prepared to fill orders for pigs of ither sex not akin, or for matured animals. Prices casonable. Satisfaction guaranteed. Send for catalogue and price list, free.

S. McCULLUGH,
Ottawa, Kansas.



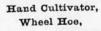
ChesterWhite, Rerkshire and Foland-China Pigs fine Setter Dogs, Scotch Collies, Fox Houne's and Beagles, Sheer and Poultry, bred and for sale by W. GIBBONS & Co., West Chester, Chester Co., Pa.



Dana's White Metallic Ear Marking Label, stamped to order with name, or name and address and numbers. It is reliable, cheap and convenient. Sells at sight and gives perfect satisfaction. Illustrated Price-List and samples free. Agents wanted.

C. H. DANA, West Lebanon, N. H.

### MATTHEWS'



SINGLE OR COMBINED.

Admitted by leading Seedsmen and Market Gardeners everywhere to be the most perfect and reliable implements in use for planting and cultivating gardenerops. Bewere of cheap imitations! Inquire for the renuine machines which are made only by

T. B. EVERETT & CO., BOSTON, MASS. Send for circulars, giving latest prices and improve-ments. [Mention Kansas Farmer.]



Order on trial address for circular and location of Western and Southern Storehouses and Agents.

• P. K. DEDERICK & CO., Albany, N. Y.



Grind your own Bone, GRAHAM Flour and Corn in the SCHAND ATTIX (F. Wilson's Patent). 100 per (F. Wilson's Patent). 100 per cent more made in keeping penitry. Also POWER MILLS and FARM FEED MILLS. Circulars and Testimonials sent on application. WILSON BROS., Easton, Pa.



COOK FEED FOR STOCK With the TRIUMPH STEAM CENERATOR It will save ½ to ½ of your feed, and your stock will thrive better and fatten quicker. Send for illustrat-ed circular. Address RICE, WHITACRE & CO., 42 W. Monroe st., Chicago.

THE PROFITS

TIMKEN SPRING VEHICLES.





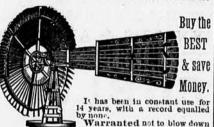
Can be carried into the field and attached to Mowing Machine Wheel. Send for Descriptive Catalogue. Agents wanted in every County.

R. H. ALLEN CO., 189 Water St., New York.

THE OLD RELIABLE HALLADAY STANDARD WIND MILL Raifroads. also the Celebrated

IXL FEED MILL. ble. Will frink any show the dead to the dead to the per hour, according to quality and size of mill used. Also, I X I. Corn Sheller, I X I. Stalk Cutter, Horse Power Wood and Iron Pumps, Tanks, Noyes' Haying Tools, etc. Send for Catalogue and Price-List. Address U. S. Wind Engine & Pump Co., Kansas City.

THE PERKINS WIND MILL,



by none.

Warranted not to blow down unites the Tower goes with it; or against any wind that does not disable substantial farm building; to be perfect; to out ast and an any other Mill made.

Send for Storm Scene Circular and Prices. Address

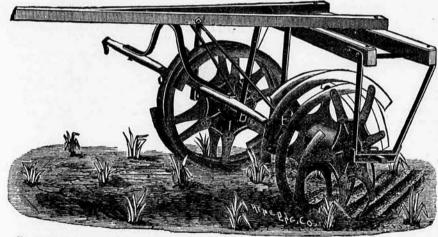
PERKINS WIND MILL & AX CO., Mishawaka, Ind. Agents Wanted.

Sawing Made Easy. MONARCH LIGHTNING SAWING MACHINE



MONARCH MF G CO., (A) 206 State St., Chicago, Ill.

THE PULVERIZER CULTIVATOR.



For working Corn and Cotton, this Cultivator, as improved for 1886, is the best in the market. Full information FREE on application to

mation FREE on application to MAYWOOD COMPANY,
In writing ment'n Kas. FARMER.] Room 64, Metropolitan Block, Chicago, or, Maywood, Ill

ELKHART CARRIAGE & HARNESS M'F'C CO.

No. 1 Farm \$23.50

Every Buggy sold by the middle man has several dollars added man has several dollars added Platform Wagon, \$55. Platform Wagon, \$55.



y Buggy sold by the middle has several dollars added e First Price. We have no ts, but for twelve years

have dealt with the consumer.
We ship anywhere, with privilege of examining before buying. We pay freight charges
both ways if not satisfactory,
Warranteverything for 2 years,
One price only. Platform Spring
Wagon at \$55 is same as others
sell at \$85. Farm Wagons \$40.

Top Buggles at \$90, fine as usually sold for \$125. On
are all No. 1 Oak Leather. Single, \$10 to \$25.

Illustrated Catalogue free. Address,
W. B. PRATT, Secretary,

Elkhart,

S. L. ALLEN & CO.

127 and 129

Oatharine Street,

Standard Horse

Standard Horse

Oatharine Street,

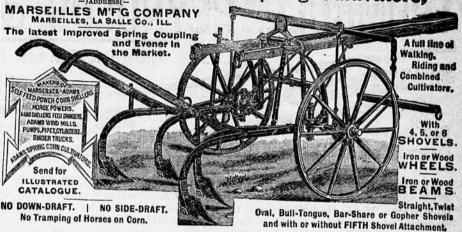
PHILADELPHIA, PA.

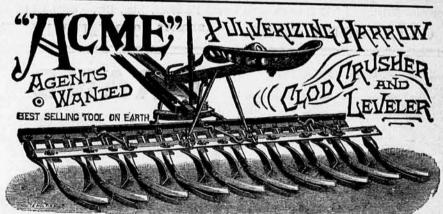
Send now if you are interested in Farming, Gardening, or Trucking, for our 13:33 Catalogue, which fully describes our Seed-Drills,

Standard Horse

PHILADELPHIA, PA.

For Adams Standard Spring Cultivators,





Subjects the soil to the action of a Steel Crusher and Leveler, and to the Cutting, Lifting, Turning Process of Double Gangs of Cast Steel Coulters. Immense cutting power. Crushing, Loveling and Fulvorizing performed at the same time. Entire absence of Epikes or Spring Toch avoids pulling up rabbish. Only Harrow that cuts over the entire surface of the ground. Sizes, 3 to 15 ft. wide. With and without Sulky attachment. We deliver free at Distributing Depots.

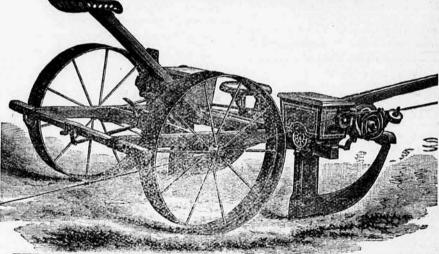
FAIR DO NOT BE DECEIVED. Don't let dealers palm off a base imitation or some inferior tool under the assurance that it is better. SATISFY YOURSELF BY ORDER-ING AN "ACME" ON TRIAL. We will send a double gang Acme to any paying return freight. We don't ask pay until tried on his own farm.

Send for pamphlet containing thousands of testimonials from 48 States and Territories.

Branch Office,

HARRISBURG, PENN. NASH & BRO., MILLINGTON, NEW JERSEY, N. B.—"TILLAGE IS MANURE" and other essays sent free to parties who NAME THIS PAPER

The Barlow Corn Planter BARLOW CHECK ROWER.



THE NEW STYLE BARLOW PLANTER has new improvements which make it not only the LIGHTEST DRAFT PLANTER IN THE WORLD, but also easiest to handle. Its dropping device is the most simple and accurate made. The revolving seed cup SHOWS THE CORN FIVE HILLS IN ADVANCE IN THE FIELD.

In every respect the Barlow is the best planter in the world.

THE NEW BARLOW CHECK ROWER

Is made only for our Planters. It requires no adjustment. Avoids the heavy bar across Planter. Can be thrown in or out of goar at any time. The wire can be thrown off without leaving Planter. It has only one-half the wear of centre motion check rowers. It is simple to handle and operate. Call on Agents for the new style Barlow Planter and Barlow Check Rower, or address

THE VANDIVER CORN PLANTER CO. Quincy, Illinois,

Warranted 5 years, satisfaction guaranteed or money refunded. The Best, most Efficient, and Durable Washer in the world. Has no rival, the only machine that will weak perfectly clean without rubbing. Can be used in any sized tub, or shifted from one tub to another in a moment. So simple and easy to operate the most delicate lady or child can do the work. Made of Galvanized Iron, and the only Washer in the world that has the Rubber Bands on the Rollers, which prevent the breaking of buttons and injury to clothes. AGENTS WANTED Exclusive territory. Retail price, SS.00. AGENTS WANTED Agents' sample, S3.50. Also the celebrated KEYSTONE WRINGERS at Manufacturers' lowest price. We refer to editor of this paper. Address ERIE WASHER CO., Erie, Pa.

ESTABLISHED 1871.-

# TRUMBULL, REYNOLDS & ALLEN, KANSAS CITY.

The Largest, Purest, Freshest and Best Stocks of

SEEDS! :: FIELD, GRASS, AGRICULTURAL & GARDEN

SEEDS WAR

We give only a partial list of

We have

Everything in the Seed Line.

SEED 10,000 Bushels Red Clover; 2,000 Bushels Alfalfa Clover; 1,000 Bushels White Clover; 1,000 Bushels Alsyke Clover; 10,000 Bushels Timothy; 10,000 Bushels Kentucky White Clover; 10,000 Bushels Orchard Grass; 5,000 Bushels Red-Top; 5,000 Bushels English Rye Grass; 10,000 Bushels Clover; 10,000 Bushel Bushels German Millet; 10,000 Bushels Common Millet; 5,000 Bushels Hungarian; 5,000 Bushels Early Amber and Early Orange

Bushels German Millet; 10,000 Bushels Common Millet; 5,000 Bushels Hungarian; 5,000 Bushels Early Amber and Early Orange

Cane Seed; 500 Bushels Improved California Golden Broom Corn Seed; 1,000 Bushels Jerusalem Artichokes; 5,000 Bushels Northern Seed

Cane Seed; 500 Bushels Improved California Golden Broom Corn Seed; 1,000 Bushels Jerusalem Artichokes; 5,000 Bushels Northern Seed

SEEDS!

Potatoes (Irish); 3,000 Bushels Seed Sweet Potatoes, Etc., Etc. ADDRESS TRUMBULL, REYNOLDS & ALLEN, KANSAS CITY, MO. CATALOGUE FREE.

#### TWO-CENT COLUMN.

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

FOR SALE-Cuthbert, Gregg, Souhegan and Hop-kins Raspberry Plants, \$6.00 per 1,000. Fred Eason, Leavenworth, Kas.

EGGS - Brown Leghorns. Send stamp for prices

FOR SALE - A few extra fine Scotch Collie Pups.

TOB SALE—One Holstein Bull, 4 years old weight 2,200 when fat; gentle and kind. Cannot use him any longer Also one Registered Poland China Boar, 18 months old. Will sell or trade for mares or Jersey Cows. Address W. B. Caldwell, Oxford, Kas.

UNEMPLOYED MEN — Can make money fast as Ageuts for the Great Northern Copying House, headquarters for fine Portraits in India Iak, Water-Colors and Crayon. Samples free. Address N. L. Stone, Potsdam, N. Y.

FOR SALE-For tries Brown Leghorns. \$5.00 per tries. Eggs, per 13. Matt Dunn, Scranton, Kas.

FOR SALE Four choice Thoroughbred Hereford Bulls. We ley & Young, Pleasant Hill, Mo.

WANTED-To trade land for two-year-old Stallion Address Wm, A. Knipe, Hazen, Arkansas.

FOR SALE - Three two-light Chandeliers (oil), at Skinners' Shoe Store, 219 Kansas avenue, Topeka.

FOR SALE - Grade Clyde Stallion. Also Bronze Turkeys. W. Guy McCandless, Cottonwood Falls.

FOR SALE—Three Pups from imported pedigreed Gordon Setter slut. Ten months old. Perfect in colors. \$15 each. John Whitworth, Emperia, Kas.

PECIAL BARGAIN.—A fine Calf Sewed Boot—
"Skinners' Best," reduced from \$5.50 to \$4.50 C O D.
Cheaper grades as low as \$2.25. It will always pay you to attend our Clearance Sales. Skinner & Son, 219 Kansas avenue, Topeka.

Too Late to be Classified.

BAHNTGE BROS., Winfield, Kas., breeders of Large English Berkshire Swine of prize-winning strains, none but the best. Prices as low as the lowest. Cor-respondence solicited.

CHAWNEE POULTRY YARDS — Jno. G. Hewitt Prop'r. Topeka. Kas., breeder of choice varieties of Poultry. Wyandottes and P. Cochins a specialty. Eggs and chicks for sale.

### Public Sale Trotting Stock

Annual Public Sale of Trotting Stock. About Forty YOUNG STALLIONS, FILLIES, BROOD MARES, etc., by the Hambletonian Stallions Bismarck and Twilight, will be sold

MARCH 3, 1886. The most promising lot I ever offered for sale. Catalogue on application. T. E. MOORE,
Shawhan, Bourbon Co., Kentucky.

# 100 REGISTERED

Breeders of Jackson Co., Mo.

Good Individuals. Good Pedigrees. Low Prices upply to any of the following gentlemen, at Inde

JNO. T. SMITH, H. M. VAIL, L. O. SWOPE, L. O. SWOPE, G. L. CHRISMAN.

L. P. WILLIAMSON, M. R. HUGHES & SON, M. W. ANDERSON, FURNISH BROS.

## A BARGAIN!

I offer for sale on long time at low price a pure-bred recorded

PERCHERON-NORMAN STALLION,

now kept by Messrs. Miller Bros., near Junction City, Kas. This is a rare opportunity to get a fine, stylish horse at such price and terms as will enable purchaser to pay for horse out of his earnings; or will exchange for Western Unimproved Real Estate. For further information, call on

or address
MILLER BROS., Junction City, Kas.,
or GEO. L. MILES, Tipton, Cedar Co., Iowa.

# GRAND PUBLIC SALE!



600 HEAD

BROS.. LEONARD

MT. LEONARD, SalineCo., MISSOURI,

Will Sell at Public Auction on

TUESDAY AND WEDNESDAY, APRIL 6 AND 7, 1886, Six Hundred Head of Choice Cattle, consisting of 50 Thoroughbred Short-horns, 150 Imported and Home-bred Galloways and Polled Aberdeen-Angus, and 400 cross bred and grade animals of above breeds, males and females. The best families of the breeds named will be represented in this selection from their herds.

The sale will be made on the farms of Leonard Bros., adjoining Mt. Leonard Station, on the Chicago & Alton R. R., 75 miles east of Kansas City. Trains arrive in the morning from the east and west, in time for the sale, and depart in the evening, east and west, after sale. Special rates will be given by the C. & A. R. R., to parties in attendance and on stock purchased. Sale will be continued till Stock is disposed of.

In view of the large number to be sold, and in consideration of the fact that they have all been handled by the same parties and have received the same treatment, we believe no such favorable opportunity has ever before been offered for the comparison of these different breeds. For further information and catalogues, apply to

89 SPANISH AND NATIVE JACKS at private sale.

## EXTENSIVE SALE OF

# SHORT-HORN

A. H. LACKEY & SON

-Will Sell at the-

Fair Grounds, Peabody, Marion County, Kansas. TUESDAY, MARCH 9th, 1886

Seventy-five head of Splendid Young

### COWS ₹ HEIFERS ₹ A FEW YOUNG BULLS.

The offerings will include Rose of Sharons, Young Marys, Cruickshanks, Årabellas, Blossoms, Floras, and the other sorts that are good and useful for the purposes for which Short-horns are bred—beef and milk. All females old enough have calves or are in calf to the splendid Cruickshank bull, BARMPTON'S PRIDE 40854, or the elegant Flat Creek Young Mary bull, ARCHIE HAMILTON 49792.

We call special attention to the large number of cows and heifers of the Cruickshank and other well-bred and fashionable tribes in this sale.

ALL ARE RECORDED OR ACCEPTED FOR RECORD. Every animal will be sold receiving a bid. No postponement on account of weather. TERMS: — Cash, or nine months credit on good bankable notes drawing 10 per cent. Three per cent. off for cash.

Catalogues on day of sale.

A. H. LACKEY & SON.

TIMBER LINE HERD OF HOLSTEIN CATTLE and POLAND-CHINA HOGS.

HOLSTEINS.

COL. S. A. SAWYER, Auctioneer.

POLAND-CHINAS. We are now ready to supply the Western trade with Holstein Cattle—Bulls, Cow and Calves. Also Grade Cows (bred or unbred) and Calves. By carload or single animal. We claim that we have the best herd west of Missouri, both in points and record. Our prices are reasonable. We are glad to have jersons call and see for themselves. We invite correspondence.

We also have an extra lot of Poland-China Hogs, from a sucking Pig to a four-year-old Sow. Our Hogs are made up of the best blood that money cen buy, and to prove our claims we will sell by measure, giving points; and we guarantee all stock to breed, or to be replaced by animals that will breed. Please ask

W. J. ESTES & SONS, ANDOVER, KANSAS.

### PERCHERON HORSES!

500 PURE-BRED MARES & STALLIONS
Of the most popular families,
all recorded with
Extended Pedigrees in
the Percheron Stud-Books
of France and America,
now on hand
at Oaklawn Farm.

The Percheron is the only French breed possessing a Stud-Book in both france and America where eligibility to entry is based on authentic pedigree. I have a few imported Stallions of individual excellence (but not eligible to entry in the Percheron Stud-Book) which I will sell at half the price of pedigreed animals of equal appearance. 100-page Catalogue, illustrated with engravings sketched by Rosa Bonhaur, sentfree. Address, M. W. DUNHAM, sentfree. Address, Du Page Co., Illinois.

## MADE PIANOFORTES.

UNEQUALLED IN Tone Touch Workmanship and Durability. WILLIAM KNABE & CO.

Nos. 204 and 206 West Baltimore Street, Baltimore
No. 112 Fifth Avenue, New York.

NERVOUS

DEBILITATED MEN.

You are allowed a free trial of thirty days of the use of Dr. Dye's Celebrated Voltale Belt with Electric Suspensory Appliances, for the speedy relief and permanent cure of Nervous Debility, loss of Vitality and Manhood, and all kindred troubles. Also for many other diseases. Complete restoration to Health, Vigor, and Manhood guaranteed. No risk is incurred. Illustrated pamphlet in sealed envelope malled free, by addressing VOLTAIC BELT CO., Marshall, Mich.