R. W. FURNAS, Editor.

THURSDAY, APRIL 28, 1870.

Memorial Trees.

State, are resorting to the time honored custom of planting "Memorial proved this spring. Suppose our citithat a few years would show one of scholar now enrolled on the books of requires, in addition to great nervous the school, and we will warrant the energy from good breeding, a roomy most of them will be taken care of. Will Prof. RICH, or Moderator DA- are hereditary ought to be good VIS, or both, take hold of this mat- through a long line of ancestors. ter? Somebody must "lead the for-

Will the friends at Peru take the same steps in regard to the Normal School? What do you say Prof. Mc-KENZIE?

Planting and Cultivating of Nursery and Orchard Trees.

D. E. PECK, of Marengo, Ill., writes us in regard to planting apple grafts and cultivating them, as follows:

in earth or old sawdust until set in nursery rows. Take a box six inches the next generation, produce winners. deen, place it on the end, leaning a lit- The health of the dam in the stud is tle back : fill it with sawdust or earth of the utmost importance. Ailments two or three inches deep; lay in a may be hereditary, and descend to the layer of grafts two or three deep, keep- risk of breeding from unsound parents. ing the ends of the scions out; put on Ordinary labor will not produce dismore sawdust, working well among the grafts; put on more grafts, proin the mare, inherited from the breed to train off or become amiss, if she ceeding as before, until you get one fails under the ordinary circumstanvariety packed; lay on a piece of lath | ces. or thin board, reaching across the box, with the name of the variety written on it; proceed with another variety as breeds. No man in his senses can ap- tion of American and Foreign Varieties, cool place. Great care is necessary in fects not settled by the physilogist to We are indebted to the publishers, Wilhandling grafts, to prevent discon- be among hereditary diseases, but the LIAM WOOD & Co., 61, Walker Street New necting the scion from the root. The chances are that some predisposing York, for a copy of this truly valuable work, material used in packing should be moist but not wet. The grafts should the dam than the sire. The grounds ing's. It has been enlarged time after time, be planted on newish, dry land, with are taken on the influence of the and several revised editions issued. The good strength of soil.

"The best method of planting, is made by taking a stick of seasoned timber one foot long, and one and a a point from about four inches of the vent burting the hand.

"Plow the ground deep-make the the lumps and smoothing the surface under the line; run the hoe the length of the line, pressing to the earth so as to leave a mark; remove the line, put is of the utmost consequence. It is some grafts in a pan, first dipping the vital system which she contributes them in water. If any spronts are to the colt. No vicious mare should basis of success in making the farm on the roots, they should be removed. Drop on your knees, setting the pan be consigned to the stud that has prov-teenth century cannot be made profitable, as of grafts on the opposite side of the ed too irritable to train, unless she the basis of all prices is upon that which can row. Make a hole with the dibble, was an exception of the well-known be produced most successfully, with the least taking a graft by the end of the scion at the same time with the other hand; as you pull out the dibble insert the They will either refuseto respond to the ly in all soils, and is made of the best mategraft, holding it so that the top bud call, or prove a rusher under excite- rial upon scientific principles based upon the will be just above the surface of the ground; place the point of the dibble trials when not excited will entail great on the ground about three inches to expense in training, only to disappoint the staple crop of this section, a good Corn the right of the graft with the top their friends and backers, when colleaned a little out; force it down till lared by resolute, good-tempered horthe point reaches near the foot of the never makes mistakes on the road or implement is a good Cultivator; such is Pargraft, then press the earth firm against race course. The will to do is accomthe root, holding the dibble perpen- panied by the sagacity to perform well. dicular with the graft; fill up so that the dirt will be level in the row ; cultivate well, and keep free from weeds until the last of July.

"The trees may be transplanted to the orchard at once, two or three years old. The pruning should be done in says: June-forming low or high tops as desired. They may be planted either in the spring or fall, but great care to the necessity of keeping a careful should be taken not to expose the roots eye over their trees, to see that they to sun or frosts. They should be plant- do not suffer for want of care. The ed about one inch deeper than they past two years, that good fruit in stood in the nursery rows, with the abundance can, and will be grown in roots and fibers spread out as they Wisconsin, thus verifying the old naturally grew. Mulch the tree the first season after setting, keeping the ground well cultivated. Plant with some crop like corn, potatoes or beans, until the trees come well into bearing.

there is a way." The old humbug that good fruit can be grown in a care-less, slipshod way' has passed away and we are getting our eyes open to the fact that it is only by patient, unsome crop like corn, potatoes or beans, and we are getting our eyes open to until the trees come well into bearing. the fact that it is only by patient tiring care, that we can succeed. The orchard may then be seeded to "When we look through our agriclover a part of the time, keeping the cultural papers and see what an inter-

and limbs of the trees with a very country, a glorious future, and that strong solution of soap and water, to we shall yet eat of the fruits of our which add a little salt and sulphur. labor under our own vine and tree. It should be done in June, and may be trees are not set out in a slipshod way, put on with an old brush or broom. It will destroy bark lice and prevent the roots nicely and smoothly trimmed borers from working in the trees. from the under side, and then set in Keep the tops of your trees well well pulverized soil. The ground, if Keep the tops of your trees well shaped-doing the pruning in June."

Principles of Breeding.

The male and female conjointly produce the offspring. They will partake of the form and characteristics of both parents. The first impression would naturally follow that of the dam, nursing the embryo from conception, the offspring would inherit the constitution, temper and nervous or grass to grow, and your trees will the constitution, temper and nervous activity of the mother. Experience has proved the converse of this proposition. The sire has the most influsition. The sire has the most influsition over the offenzing around the trees and allow no weeds or grass to grow, and your trees will grow and thrive. In case of severe drouth, mulch the ground around the trees two or three inches deep with the trees and allow no weeds or grass to grow, and your trees will grow and thrive. In case of severe drouth, mulch the ground around the trees and allow no weeds or grass to grow, and your trees will grow and thrive. In case of severe drouth, mulch the ground around the trees and allow no weeds or grass to grow, and your trees will grow and thrive. In case of severe drouth, mulch the ground around the trees two or three inches deep with the trees and allow no weeds around the trees and allow no weeds around the trees and allow no weeds around the trees will grow and thrive. In case of severe drouth, mulch the ground around the trees two or three inches deep with the trees and allow no weeds around the trees are the second trees. sition. The sire has the most influence in generation over the offspring. The superior physical power of the stallion acts upon the nervous system of the mare, and predominates in the issue. The best bred parent overrules this latter, and will have the most influence on their progeny. Form or constitutional structure that has become fixed and heraditary must come down from an irreitary must come down from an irre-sistable law, as sure as water will put on the truth and line trues, with a brush, or cloth, in June and July.

gravitate to the ocean.

Like produces like, or the like of an ancestor. Upon the law of kind, we have the mould to cast a new pattern of the original. Beasts can be bred to a hair, birds to a feather, because color, like unto the Devon ox, has become hereditary. Any distinction or excellence once engrafted into the breed by interbreeding from a common origin can be preserved to a most istant generation. The laws of na-

Alebraska Advertiser. ture regulate the animal kingdom, as well as the material world. We must ture regulate the animal kingdom, as obey the laws of health as the means to secure the ends of great physical power. The want of health or condition of the mare, may degenerate the get of a good stallion. When the dam has dropped a good colt from one sire, and fails in the second issue from the same sire, it results from want of condit.on of the parents. The same causes, all other things being equal, would produce similar effects. Some The citizens of Ashland, in this stallions have become noted for begetting good colts out of all kinds of mares. The reason is obvious-they have the capacity to stamp their own Trees" in order to get their Public excellence upon their colts, irrespec-Square and Court House grounds im- tive of the dam. Andrew Jackson, Vermont, Black Hawk, and Hambletonian are remarkable examples in zens adopt this plan of fitting up the the trotting family. Many mares School House Block. It is now all have proved to possess this family nicely fenced in, and only needs a gift, and become renowned for superilittle labor to put it in such shape, or colts from indifferent sires. They have inherited the exact reach, the that a few years would show one of quick circular motion that rapidly the most beautiful spots to be found annihilates space have had the capacianywhere. Let us all turn out some ly to transmit to their offspring with-Saturday, when the school children out the aid of the sire. Madam Temwill gladly be on hand, and assist, and Black Bashaw, are illustrious examthus be made feel that the work is ples of great trotting action lying dortheirs; become interested in the pro- mant in the members of a family, tection and cultivation of the trees like old wine grows better with age, and finally rushing out like an elecand shrubs. Let a tree or shrub be tric flash, to startle their friends and put out as a "memorial," for each astonish the world. The brood mare

Mares fail from weak loins or defective quarters, or soft, spongy legs. This kind cannot be safely trusted to breed, unless their family should be remarkably good where they may chance to fail. Some stallions have produced good brood mares, but have failed to sire anything that approached a first class race horse. There are several examples of horses that have gained their distinction from the female line. The cause that produces this effect results from the fact that these good female sires have the faculty to beget roomy mares, with broad loins and wide hips-the very form to "Root Grafts should be kept packed give room for the colt to expand and develope in the germ. Such a dam, coupled with a good horse, would, in

form firm legs, a sound constitution

and good temper. The qualities that

Broken wind and roaring are vital de- eighty accurate figures. with a dibble. One may be easily both parents would tend to eradicate cipally to known valuable and promising half inches in diameter bringing it to entailed. The soft, spongy bone, or by placing them under separate and charac-

Bony enlargements such as curbs,

cripples, after their own kind. WM. W. The temper of a mare for breeding York. ment, and beat themselves and break

Care of Fruit Trees.

faithful servant .- Spirit of Times.

They will prove a safe companion and

"M. A. H." Madison Wisconsin, a correspondent of the Western Farmer, in writing of the care of Fruit trees

"I wish to call the attention o golden rule, "Where there is a will, there is a way." The old humbus

trees well mulched with the clover.

"It is a good plan to wash the trunks and limbs of the trees with a year."

est and zeal in fruit growing is manifested in all parts of the country, we are sure that there is opening for our "In the first place see that your but that the ground is well prepared, level, should be raised around the tree, so that in case of heavy rains. BEDDING CHEAP water will not settle in the hole

around the tree. The next attention

Management of Mares in Foal.

Mares in foal will do better in every respect if they can be used in any gentle way to do light work-plowing when the draft is not heavy, harrowing, &c., or in any way where the pace is not more than a walk, where there is no backing or stopping weight down hill, or any sharp or violent pulling. After foaling, I have always kept the mares on feed according to the milk they had; when they had a very great flush I had them milked at first after the colt had sucked, and let the mare live on barley or oat straw, or any dry feed, no better, for ten days; after that age I never had a colt ail in any way till it was three years old, and when they would have the strangles, but in many instances I have known foals die suddenly, from six to ten days old when the mare has been at grass and was very full of milk. When fourteen years old, I was rolling some newly sown barley land on the Cotswold Hills; one of the mares showed symptoms of foaling; I hurried her out of the shafts and pulled off her harness; I had just taken hold of the collar to pull over her head, when she lay down gave one strain and there was a colt. My father came into the field and told me to leave her alore, and in two hours after the colt was able to walk into an adjoining field, and, as usual in such cases, nothing more was done and all went well. This is frequently the case with cart mares in the month of April in England, as farmers are anxious to finish spring grain sowing during that month, and use their mares till the last minute, and where nag mares are used at similarly slow work they always do better, and as for any nursing or giving nostrums to dams or offspring, it is never thought of by any common-sense farmer. In instances where high priced nags are bred, the mares are not worked, but great care is taken that they have ample opportunity to walk about and exercise themselves, and it is particularly seen to that the mares do not become too fat, and that their condition is altogether, as much as possible, perfeetly natural. Nags foal earlier in England than cart horses, for it is

spavins and ringbones are hereditary tion and culture of Fruit Trees, in the Nurdefects that destroy the value of all sery, Orchard and Garden, with a descripwith the first; after all have been prove of transmitting these destruct- cultivated in the United States, by John J. packed, set in the cellar or some other | ive blemishes from parent to proveny. | THOMAS; illustrated with four hundred and

when doing nothing would be so much

better .- Cor. Country Gentlemen.

known to be very advantageous to

have the young animals as strong as

in my experience-it has been really

extensive in breeding-mares, when they have "concieved," are more cer-

cause exists in the breed. Roaring is The first edition of this Book was written SIBERIAN APPLE mare upon the vital organs of the colt. present is neatly arranged, and the most of 16-tf The reasoning is not conclusive. The it rewritten, and is intended as a guide to absence of any defect in the wind of the Practical Cultivator. It is confined prin- 100 Trees and Plants for \$10. it from the breed. The legs have so varieties, suited to the country at large. A often failed that the cause must be systematic arrangement has been adopted muscle, or little, insignificent leg, has teristic heads, by which the cultivator is encaused the break-down of almost ev- abled to distinguish and remember each sort top, making a head on the top to pre- ery horse that has been trained off with more readiness than when all are the course. It has become a proverb thrown indiscriminately together. We are that one good body will wear out two highly pleased with the whole arrangement, all for \$18, All No. 1 plants and trees.

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Nice, well branched Apple Trees, at \$30 per M. Peach, Pear, Cherry, Plum, Apricot and Nee tarine Trees. BEASON'S

Every Plow Warranted to

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plow is superior to any other now manufactured in the United States, for four reasons, viz: First—Because they are made expressly for the soil of Nebraska and Missouri. SECOND—Because the peculiar twist of the plow makes them scour in all kinds of soil. CHIRD-Because they are made of the best materi al, and are light and durable FOURTH-Because one man can cultivate fifth and save the expense of one hand, which is \$75 in one year.

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With Heavy Axles, Diamond Twisted Shovels and 4-Feet Neck Yoke. MANUFACTURED BY

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 By means of a peculiar twist in the Diamond Shovels, (a late improvement,) we avoid all side pressures, whether the shovels are set to throw dirt to or from the corn.
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LONDON. Evan Worthing and J. H. Beason, Brownville; E. C. Prouty, Pern; J. S. Miniek, Aspinwall; Wm. Bagley, Farm; D. C. Sanders, Sanders Mills, in Nemaha and can also be had at Pawnee City and Tecums ##6 It is earnestly desired that farmers give this PLOW a trial, as we are sure all who do, will be well pleased with it. 20-2m

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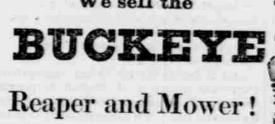
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