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R. T. FULGHUM, Conducting Editor and Prop'r

OFFICE IN FISHER BUILDING FAYETTEVILLE STREET.

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#### TH. FIRST-BORN.

The above rates are for Single Columns.

Tread rev'rently, this is a holy place! A soul this moment here begins to be-A spirit born to live eternally: Speak low! commences here a human race; An infant-man, God's image on his face, In life's rough journey takes his first degree, Opens his eyes, ah! not the end to see. Only Omniscience all that path can trace. Softly in whispers; there a mother lies, The dew of youth upon her, yet so pale! She folds white hands, and looks, with upturned eyes To her Deliverer, seen as through the vail Of this bour's we kness; still, her full heart tries For thankful utterance, though words may fail.

### Department of Morienture.

Osage Orange Hedges.

We surrender a part of our space this week to consider the use of the Osacra Orange (Macrata nurantiaca, as a neugopas) on account of the interest in the subject, and the inquiries recently sont to the Journal. It will be understood that it is too late for operations during the present season, but it may be as well to discuss the topic now preparatory to autumn planting.

The Osage Orange, or Maclura, is a native of Missouri and Arkansas, and in that region may reach the height of sixty feet, while it may be grown in less dimensions all over the belt of country that extends northward even to the shores of Lakes Erie and Ontario. In the farther north, however, it is planted on poor ground to avoid winter killing of the late formed young growth. If allowed to grow as it may list, in ten years from the seed trees may be obtained of twenty-five feet in hight, with an equal diameter to the sweep of the branches. An interesting peculiarity is its method of branching, downward, upward, and laterally, and the roots have the same peculiar mode of development. The foliage is yellow-green, bright on the surface, not unlike that of the orange, with leaves single and alternate, and distinctly pointed. If trees with pistillate blossoms are planted near the staminate, fruit is produced similar to the orange, and very conspicuous, but unfit for food. The orously through the summer. plant is a handsome lawn tree, and valuable for its rich and many effects in landscape gardening. Perhaps its chief defect lies in the be too irregular to be depended upon, and the fact that it is so late in putting forth its leaves; cost in time and trouble will be far more than but there is a partial compensation to be the charges of a regular ornamental nursery, found in the tenacity with which it resists the where this article is always cheap. One year attacks of the frost of autumn.

allel to the character of the vegetation of the if the soil is poor, they may be placed closer Southern States which Japan presents, is than if very rich, and the space may vary borne out in the case of the Maclura, as that from eight to fourteen inches. The plants country has just given us a new species with are usually sent in bundles of 100 each, sometrilobed leaves, hence termed M. tricuspidata. times repacked in bundles of 1,000 each, with It is curious that our Maclura, when first car- the stem cut off; four inches above the root. ried to England, was supposed to be very ten- The plants appear to be dead, and sometimes der, and it was sold to be used for the value look yellow and shrivelled, but they are only

The need of a reliable growing fence has long ably wish to grow, it of greater width been felt by the farmers of the country. The and height. Manure any poor spots along the hedgerows of England do not only form the line. Break up the land for ten feet in width. most poetical part of her landscapes, but as if space is no special object. Throw up an they do away with the ever-recurring expense elevation along the line of eighteen inches; and labor of fencing, they add no inconsidera- that will make your hedge effective against Stock. the sound state and then a villating ring your as done to extraordial

ble amount to the wealth of Albion too. But cattle, at least one year sooner, than if planted our hot climate, open to the direct eye of the on a dead level. To render it entirely safe and in the North, and the Osage Orange in the and will press the earth around your plants South. In the West both of these are used, well up to them. Set them deep. So much for and also heavy screens of Norway Spruce and the first sten. Arbor Vitæ are planted.

because they are more economical than fences, and so it fails. The hedge should be thorough last a hundred years, and there are many good ones in the south now which are ferty years the whole treated at least as well as a row of old, while it is not reasonable to expect a post truders, and are important to those who plant comes, cut down the plant to the ground, leavfruit orchards, or who desire their ornamental ing only any side shoots that may appear ed that would die anywhere else in our cli- either the November following or the Februment closely, hedges may be made exceedingly inches from the ground and shorten the side beautiful-verdant framework for the gay shoots very little, to induce them to throw picture within.

How shall we proceed to obtain a good hedge of Osage Orange? First decide if it is formity with the others. to be of limited length and for ornamental pur-

soil is naturally wet, put in the young plants feet to width at the g in a slanting position, and protect with a little rough litter, to avoid throwing out by frost. Our friends in the sandy east will have no trouble. If it be an object to secure a fine uniform hedge, and the soil is doubtful or very poor, time and vexation may be saved by digging a trench two spades deep, throwing subsoil to one side, and the surface earth to the other-mixing the latter with well rotted manure. Now plant stakes in the direction you wish the hedge to run, and stretch a good garden line. Make a twenty foot rod, chalking off each foot. Place this near the line, removing as may be needed from time to: time, and having half filled the trench, dibble in your plants opposite the chalk marks twelve inches apart, pressing the earth very light to the plant.

After all are planted, go up and draw the line, tramping them firmly, and in such manner as to give uniformity of direction. Then fill in until the short stem is barely out of the ground. If you plant in spring, it is well to defer filling in until the trench has roceived a good rain; then cover, and the young plants will be in better condition to grow vig-

It is folly to attempt to grow a hedge by planting seed on its site. The seedlings will old plants will do, but No. 1 two year old It is remarkable that the extraordinary par- plants are the best. As to the distance apart, of the leaf as food for silk worms. biding their time. Should an exten-But to come more directly to our subject. sive hedge be required, you will prob-

sun for months, and lacking the constant strong, a double line should be planted. With clouds and rains of the British Isles, is una- as rong dibble, that is iron shod; make your dapted to the use of the varieties of thorn so ho's about one foot apart, keeping the line of valuable there. Two great plants supply our stakes that you will drive to indicate the demands-the Gleditschia, or Honey Locust, hedge line. Of course you will stretch a line

The hedge is now begun, and here is the and then we all rejoice that Wherever a high state of farming is found, point of failure. We are not willing to give hedges will be seen. They repay their cost, the necessary labor to do justice to the work, especially in a term of years, for a hedge will ly cultivated, and allowed to grow at pleasure all the first year, weeds being kept away, and corn. We are through the first year now. and rail tence to be really servicable after fif- and the plant has acquired strength to shoot teen years. Hedges effectually keep out in- up rapidly in the coming year. When spring grounds to be secluded from impertinent in- from below the surface. Cultivate just as you trusion. The southern side will furnish, by did the first summer, except that about the its protection from the cold winds and reflec- middle of June, you may go over the hedge, tion of the solar-heat, almost the conditions of cutting back the perpendicular shoots to eight a hot bed, and earlier vegetables may always be linches from the ground, but not touching the obtained by planting there; while on the side sheets. This is a check to the vigor of northern side many very beautiful flowers the central shoots when performed thus in may be kept safely in the shade, either plan- symmer, when the vital powers are in great ted in the ground or ranged in pots upon a activity, and it is designed as such, to give the low stand. Alpine plants may be so preserv- side shoots time to catch up, as it were. In mate. Lastly, and what concerns our depart- ary after that, cut off the plant to about five out more of the fine lateral branches-any extra long side shoots may be reduced to uni-

The tment after that must depend upon poses, or if it is to be a farm force. If of the height you wish to obtain. In poor or limited length and for a comparatively small judiffer at soils it may be allowed to grow space, allow four feet for the hodge row, make six inches, and in good soil one foot yearly, the ground rich and for in up by throwing in til fire feet are attained, for the usual hedge, two furrows together. It is desirable to have or most for a very large and long one. But the row dug in winter, he cally the direct to manage one of greater the row dug in winter, he cally the direct to manage one of greater to manage of greater to manage

The roots will spread, as every says. Certainly, if the plants are at all healthy, the roots will spread, but it may be remedied by running a coulter pretty deep within three feet of the row, about twice in a year. Al ways be careful to keep the top in order, cut ting off with a good pair of hedge shears. A soon as the top gains the advantage, and begins running up to the original height of the Osage Orange, the side branches droop at once, and seem to give up their activity of growth.

Keep the shape conical, or nearly so; the immediate top may be a little flattened. the hedge is cared for, the investment is good, and worth all the time and money it requires, strictly in a pecuniary sense as well as for many other reasons.

the statistics of the subject are very interest-\$13.20, preparing the ground and setting the plants \$4. Total, \$17.20 per 100 rods. For three to five years after planting, the hedge will require as much labor as would be expended on a row of corn of equal length, after which it turns stock better than any other kind of fence. It is trimmed then roughly, with a mowing scythe, one man trimming 150 to 200 rods per day.

ware is well known. In one county (New mixed with the soil. It must be thoroughly Castle), contai ing only four hundred and decayed, and thoroughly mixed in. Leaf twenty-four square miles, there are more than | mould is also their favorite food, and they one thousand miles of hedge of Osage Orange, also delight in mineral fertilizers; the debris and some of these hedges, in spite of the ground of the rocks seems to contain elements which they require, are used to divide fields where are essential to their growth. With such a the land will bring \$200 per acre. Its use is fertilizer, I have made a Moss Rose grow six also extending, as we know from personal feet in one year. experience, among the progressive farmers of North Carolina, and the day is not far distant, the only way to get rid of cut worms is to h when thousands of miles will be set within our borders, and the old worm fence depart along with other equally unshapely and unsightly relics of the past.

Should any point remain unsettled, bur friends are requested to write freely to the Editor, at Pittsboro, whose business it is to bab the article contained 68 ber The fact was established by July. For the

[From Mearth and Home. June and Roses.

BY "DAISY EYEBRIGHT."

There is no sweeter word in our vocabulary than June, for it is the prototype of beauty, bloom and maidenhood.

To us it fulfills all the poet's promises and praises of the Spring-for Spring is but a myth in these Northern climes until June appears,

"There is no price set on the lavish Summer, And June can be had by the poorest comer."

June is par excellence, the month of rosesthe month that seems freighted with their richly colored and deliciously fragrant flowers. How perfect they are! How replete with all that is lovely, rare and odorous! Can any other flower compete with the spicy Damask Roses, the creamy Lamarque, the exquisitely fragrant canary-hued Marechal Neil, the perfect Madame Margottin, the crested Moss, and hundreds of other varieties possessed of the rarest perfumes, and the most lovely hues

"Roses are of royal birth, Leveliest monarchs of the earth! Not the realm of flowers alone, But human hearts their scepter own. Mark what flowers the maiden's hand Gathers for her bridal band: What the sweetest influence shed Round the grateful sufferer's bed : What with holiest light illume The grief and darkness of the tomb."

The rose family embraces a large list; there are over eight hundred varieties of selected kinds, and there are twenty-six sub-families, each offering peculiar attractions, and particularly adapted to some one location.

A Rose Garden, containing but a few specimens of the richest varieties would afford a great amount of pleasure and delight to its owner. Few of us realize how much enjoyment attends the labor expended upon this kind of gardening, when every day brings something new and attractive.

Roses are divided into those which blossom in June, and but once; those which blossom twice, and sometimes thrice, such as the Remontants or Hybrid Perpetuals; the monthly Roses, which are a KAIN.

The June Roses are noses, and the every location. Some of the Hybrid Perpetuals are hardy in most latitudes; others require some protection in the winter, such as sods or straw. All the monthly varieties are tender, but will live out in a southern climate, and they can be kept at the north in pits, or in boxes, packed closely in dry earth, and placed in a cellar.

The China and Tea Roses are profuse bloomers in their native climes, and grow to the size of large trees. In California they also flourish luxuriantly, and are covered with masses of flowers, opening fresh buds every morning which are perfectly beautiful, but the full blown flowers are not so attractive. A Its use is rapidly coming into favor, and Rose Garden in California is a glory we of the Atlantic shores know little of; and floriculture ing. An Ohio farmer, in estimating the cost in that golden State has but few drawbacks, says that for 100 rods, the plants cost him and a great amount of enjoyment. Beds of Bon Silene Safrano, La Pactole, Cramoise, Madame Bosanquet and Marechal Niel can be relied on for a full supply of flowers from Christmas to the following November.

Roses require the richest of soils, are gross feeders, but if their wants are supplied, will fully repay all the care and labor expended

upon them.

A rose bed should be dug down, at least two The statement of its abundant use in Dela- feet, and as much manure added as can be

The state entomologist of Missouri says th for and kill them. They will burrow in and ashes, which therefore are of no against them.

The Canadian way of measuring a tre. said to be as certain as it is grotesque. walk from the tree, looking at it from time to time from between your knees. When you are able to see the top in this way, your dissupply Hedge Plants with his Ornamental tance from the foot of the tree equals its matter, photograph, or pleture a stilly I cout of san