

# 10,000 TREES INITIATIVE

## TREE INFO CARD

### Eastern White Pine (*Pinus strobus*)

#### Get to know your tree:

The eastern white pine is a Michigan native species. It has medium-length, soft, straight, light green or bluish green needles. The needles are in bundles of five and form triangular clusters angled toward the branch tips. Fruits are long, slender cones with relatively long stalks and thin scales. Immature cones are green. Bark is smooth and pale grey on younger trees, becoming darker and furrowed with age. Branches typically grow horizontally out from the trunk.

#### Tree benefits:

Over 20 years, a 1-inch diameter eastern white pine is expected to provide approximately \$9.43 in benefits, avoid 289 gallons of stormwater runoff, and sequester 41.35 pounds of CO<sub>2</sub>. To learn more about these benefits, or those of other trees, visit [mytree.itreetools.org](http://mytree.itreetools.org).



## Fun facts about your tree:

The white pine is known as the "Tree of Peace" to the Haudenosaunee native peoples, and symbolized the creation of the League of Five Nations.

The tall, straight trunks of the Eastern white pine are prized for use as masts on sailing ships.



## Plant your tree:

When choosing where to plant this tree, consider spots with at least partial sun exposure (at least 4 hours of sun per day). White pines grow to heights of 75-100 feet, with a spread of around 20-40 feet – make sure to consider the size of the tree and do not plant this tree in close proximity to buildings or underneath overhead utilities. Please also consider potential conflicts with solar panels. This species does best in moist, slightly acidic soils. It is sensitive to air pollution, salt, and soil compaction, but is tolerant of wind.

For detailed planting instructions, please visit [www.arborday.org/trees/planting](http://www.arborday.org/trees/planting). And always make sure to call Miss Dig (1-800-482-7171) to mark underground utilities before digging on your property!

## Care for your tree:

This species is moderately tolerant of drought, but prefers moist soil. Watering should be done during dry periods - especially in the summer - but there's no set amount of water your tree needs. Instead, how much you water should be based on the soil. Check the soil at a depth of two inches - if it's moist, there's no need to water. But if it's dry, you should water your tree! Make sure not to water if the temperature is below freezing. Most trees need watering during the first two years after planting - but keep an eye on older trees as well.



[www.a2gov.org/10ktrees](http://www.a2gov.org/10ktrees)