

## Black Walnut, *Juglans nigra*



Also known as Eastern Black Walnut, American Black Walnut A beautiful shade tree and food source for humans and wildlife. Black walnuts grow 50-75 ft. The nuts are edible but are not the grocery store variety of walnut, which comes from the English walnut. The tree will provide edible nuts at ages 12 -15 years. The wood is highly valued for lumber and furniture making. Over-harvesting has depleted native populations. But care must be taken when choosing a location for this plant. The tree releases juglone, a toxic substance found in the leaves, bark, nut husks, and roots. This is an example of allelopathy, *Allelopathy* is the chemical inhibition of one plant (or other organism) by another, due to the release into the environment of biochemicals acting as germination or growth inhibitors. Many garden vegetables, fruits and conifers are susceptible to juglone. These include serviceberries, chestnuts, pines, arborvitae, apples, cherries, tomatoes, potatoes, peas, peppers, cabbages, alfalfa, blueberries, blackberries, azaleas, rhododendron, lilacs, hydrangeas, privets and plants in the heath family--if planted too close. Grows in Sun, Part Shade, Moist, rich soils. Native range is eastern US, Massachusetts south but not northern New England. Hosts over 20 types of caterpillars and many insects. Nuts are eaten by squirrels and chipmunks. \$12 for 3 12-18" bare root seedlings

**Price:** 3 for \$12

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## Paper Birch (*Betula papyrifera*)

Native tree grows a smooth white bark that curls and peels as it matures. It yields bright yellow fall foliage growing in an oval shape. 5 bare root seedlings, 6-12", for \$10 Native, Full/Partial Sun, Moist/Dry Soil Thank you to Cathy Rosenstock for the picture of paper birch- she bought these from WCCD many years ago.

**Price:** \$10 for 5

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## Red Oak (*Quercus rubra*)

Native to Massachusetts. Shade tree with wildlife value-acorns and shoots. Russet red leaves in fall. Tolerates wide range of soils. Intermediate shade tolerance.

Valuable timber species used in construction, flooring, and furniture. A source of food for wildlife, it starts fruiting at age 25 and produces substantial crops after 50 years. Acorns germinate in the spring following seedfall. Native Americans utilized northern red oak as medicine for numerous ailments. The largest known specimen grows in Monroe County, NY.

3 year old, 5-10"     **5 for \$10**

**Price:** \$10 for 5

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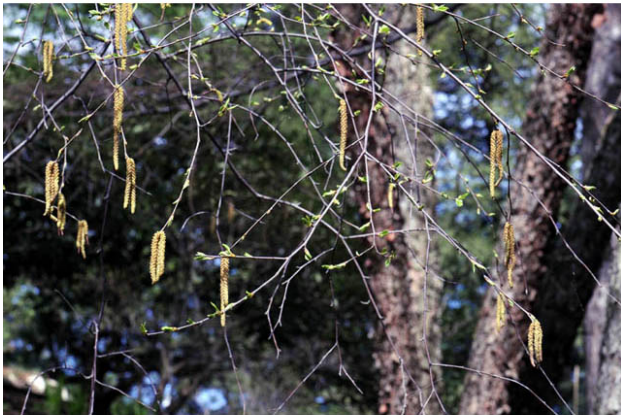
## **Sassafras (*Sassafras albidum*)**

Tall shrub or tree produces three shapes of leaves: a mitten-shaped leaf with one large lobe and a small "thumb"; an oval leaf, and a three-lobed leaf. Native to Massachusetts. Grows in full sun or part shade. The wood is soft but flexible. Aromatic leaves, twigs, and roots attractive to wildlife for berries and foliage. Tolerates wide range of soils, but a little fussy about transplanting, so offer extra attention.

**12-18" bare root seedlings, 5 for \$20**

**Price:** \$20 for 5

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## **Wetland Mix Pack**

Two each of the following native species suited to wet areas: **2- 12-18" Spice Bush (*Lindera benzoin*)**, **2- 12-18" Pussy Willow (*Salix discolor*)**, **2- 12-18" Button Bush (*Cephalanthus occidentalis*)**, **2-12-18" Nannyberry (*Viburnum lentago*)**, **2- 12-18" River Birch(*Betula nigra*)** 10 bare root plants - \$55

**Price:** 10 plants for \$55

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## Wildlife Mix Pack

Two each to the following native species attractive to wildlife: **2- 6-12" Swamp White Oak (*Quercus bicolor*)**, **2- 6-12" American Hazelnut (*Corylus americana*)**, **2- 6-12" Ninebark (*Physocarpus opulifolius*)**, **2- 6-12" American Plum (*Prunus americana*)**, **2- 6-12" Red Osier Dogwood (*Cornus stolonifera*)** 10 bare root plants \$40

**Price:** \$40 for 10 plants

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