

# 2019 Tree Seedling Sale

Defiance Soil & Water Conservation District

419-782-1794

defianceSWCD.org

	<u>Packets Ordered</u>	<u># Per Packet</u>	<u>Packet Description</u>	<u>Price</u>	<u>Total</u>
Coniferous Trees		10	American Arborvitae 8-14"	\$10.00	
		10	Bald Cypress 12-18"	\$10.00	
		10	Colorado Blue Spruce 9-15"	\$8.00	
		10	Eastern White Pine 8-12"	\$8.00	
		10	Norway Spruce 10-18"	\$8.00	
		10	Red Cedar 10-16"	\$10.00	
		10	White Spruce 10-18"	\$8.00	
Deciduous Trees		10	Bur Oak 12-18"	\$9.00	
		10	Hackberry 12-18"	\$9.00	
		10	Paw Paw 12-18"	\$13.00	
		10	Pin Oak 12-18"	\$9.00	
		10	Red Bud 12-18"	\$9.00	
		10	Red Maple 12-18"	\$9.00	
		10	Swamp White Oak 12-18"	\$9.00	
		10	Sycamore 12-18"	\$9.00	
Deciduous Shrubs		10	American Elderberry 12-18"	\$9.00	
		10	Buttonbush 12-18"	\$9.00	
		10	Highbush Cranberry 12-18"	\$9.00	
Misc.		1	4-Foot Tree Tube Kit Includes tree tube, oak stake, and mat	\$5.75	
		10	Marking Flags	\$1.00	

Name: \_\_\_\_\_

Total

Street Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**Order Deadline**  
**March 15, 2019**

Please make checks payable to: **Defiance SWCD**, 06879 Evansport Road, Suite C, Defiance, OH 43512. *All orders must be paid in full.* You will be notified in early April via postcard or email when your order will be available for pickup. The Defiance SWCD makes every effort to provide excellent quality stock, but we cannot provide any guarantees of survival or growth.

**For Office Use Only:**

Order # \_\_\_\_\_

Receipt # \_\_\_\_\_

Date Received \_\_\_\_\_

# 2019 Tree Seedling Descriptions

## Coniferous Trees

**American Arborvitae** – A pyramidal shaped conifer that grows well in a wide range of soils and drainage conditions. Excellent for screens and windbreaks as it is dense and full to the ground. Recommended spacing for windbreak planting is 6 feet. [40-60 feet tall by 10-25 feet wide]

**Bald Cypress** – A stately, long-lived deciduous conifer well adapted to very wet to moderately well-drained soils such as muck, clay, or fine sands. Initially pyramidal shaped but becomes more columnar and open upon maturation. Recommended spacing for windbreak planting is 10 feet. [70-90 feet tall by 25+ feet wide]

**Colorado Blue Spruce** – A dense, conical evergreen with stout, prickly 3/4 - 1-1/4 inch needles, bluish green to bright silvery-blue in color. Adaptable, it prefers rich, moist soil, full sun, and thrives in dry, well-drained sites. Recommended spacing for windbreak planting is 10 feet. [70-90 feet tall by 30 feet wide]

**Eastern White Pine** – Pyramidal in youth, this shade tolerant tree forms a graceful plume-like crown at maturity. Thrives in moderately well-drained soil types. The soft needles occur in 5's, are 3-5 inches long, and are rich green to bluish green. Recommended spacing for windbreak planting is 10 feet. [75-100 feet tall by 50 feet wide]

**Norway Spruce** – An extremely attractive pyramidal evergreen with strong, weeping branches that extend all the way to the ground. Needles are shiny green 1/2-1 inch long and flat. One of the fastest growing of all spruces. Recommended spacing for windbreak planting is 10 feet. [60 feet tall by 25 feet wide]

**Red Cedar** – A dense, pyramidal, native conifer with somewhat prickly, scale-like needles. Tolerates many soil types and conditions and grows where many other woody plants will not survive. Excellent tree for windbreaks and erosion control. Recommended spacing for windbreak planting is 6 feet. [50 feet tall by 35 feet wide]

**White Spruce** – A cone-shaped, medium to fast-growing evergreen. The one-inch needles are light green/bluish. Branches extend to the ground giving excellent low level wind protection. Adapted to cold weather and wet clay soils. Not preferred by deer. Recommended spacing for windbreak planting is 10 feet. [60 feet tall by 20 feet wide]

## Deciduous Trees

**Bur Oak** – A slow growing but long lived tree. Does best in full sun and can tolerate a wide range of soil conditions. One of the most drought-tolerant oaks. Will mature to a massive size with trunks up to 10 feet in diameter. The acorns, which are the largest of native oaks, have a large, deeply furrowed cap and provide a source of food for many mammals and birds. [60-90 feet tall by 80 feet wide]

**Hackberry** – A moderate to fast-growing rounded, vase-like shaped tree possessing a unique, cork-like bark. Hackberry grows well under most conditions including acidic, alkaline, loamy, moist, rich, sandy, well-drained, wet, and clay soils. It also has some tolerance for both flooding and drought. Produces small, dark-red berry-like fruit that is preferred by overwintering birds. Grows best in full sun. [40-80 feet tall by 40-80 feet wide]

**Paw Paw** – A small tree with long, drooping, tropical-looking leaves with a moderate growth rate. Paw Paws are prized for their production of delicious fruits that have a taste resembling a creamy blend of banana, mango, and pineapple. Often found in the forest

understory on rich, moist, well-drained soils. Young trees require shaded areas during the first few years of establishment, after which, they can tolerate partial to full sun. [25 feet tall by 15 feet wide]

**Pin Oak** – A pyramidal tree through early maturity, its form turns more oval in older age. Fast growing, tolerates wet soils, and likes full sun. Glossy, dark green leaves turn russet, bronze, or red. Upper branches are upright, middle ones horizontal, and its lower limbs slant gracefully towards the ground. Widely used as a street and landscape tree. [50-75 feet tall by 40-75 feet wide]

**Red Bud** – A small, moderate-growing, native tree that produces showy, lavender-pink flowers in early spring. When mature, tree has a rounded, vase shape. Tree prefers full sun to partial shade. Reddish-purple leaves change to dark green, then to yellow in the fall. It provides winter food for birds and can be used for nesting sites and materials. [30 feet tall by 10 feet wide]

**Red Maple** – Brilliant red, fall foliage make this an excellent landscape tree. Extremely rapid growth with oval-shaped crowns. Thrives in a wide range of soil conditions. [60-90 feet tall by 40-70 feet wide]

**Swamp White Oak** – A medium-sized tree with dark green leaves and a whitish-gray bark. Well-adapted for growth in very wet, swampy conditions, but is also very drought-tolerant. The acorns are eaten by squirrels, chipmunks and deer. The Swamp White Oak is valued for its timber used for furniture, flooring and cabinet making. [70 feet tall by 50 feet wide]

**Sycamore** – A fast-growing, massive, open crowned, native tree renowned for its ability to obtain the greatest trunk diameter of any temperate hardwood tree. Bark is a patchwork of browns, yellows, and greens against a white background. Requires full to partial sun and can tolerate saturated soils for two to four months of the growing season. [90 feet tall by 80 feet wide]

## Deciduous Shrubs

**American (Black) Elderberry** – Very decorative, fragrant, white flowers bloom from late June to August. At least 50 species of mammals eat fruit during late summer and early fall. Can be used for erosion control on moist sites. [4-12 feet tall by 6 feet wide]

**Buttonbush** – An attractive bush with medium green leaves and an unmatched late spring display of globe shaped white flowers. A good nectar source, attracting butterflies such as the tiger swallowtail along with hummingbirds. Bright, red fruits form in late summer. Prefers wet soils but can also tolerate dry conditions. [6-8 feet tall by 6-10 feet wide]

**Highbush Cranberry** – A medium-growing, dense, deciduous shrub. Good for shorter windbreak/screen while also an attractive flowering landscape plant. Produces white flowers and bright, red berries provide food for birds. Will tolerate poorly to well-drained soils. Fall colors from yellow to red-purple. [8-12 feet tall by 8-12 feet wide]

## *Need More Tree Information?*

Visit USDA's *PLANTS* Database site at [www.plants.usda.gov](http://www.plants.usda.gov). Here you will find detailed plant descriptions, means of identification, and distribution maps for plants throughout the nation. Also refer to **NRCS Appendix B - Tree/Shrub Recommendations** that is posted on our website at [defianceSWCD.org](http://defianceSWCD.org). Information on rooting pattern, growth rate, shade tolerance, drought sensitivity and numerous other parameters are included in this publication for a majority of the trees we offer.