

2018 UNION SWCD TREE AND SHRUB SALE

The main sale date for 2018 will be Saturday, April 14
at the Union County Agricultural Center's Ditch Maintenance Building
located at the rear parking lot at 18000 State Route 4 North, Marysville, Ohio.

The sale will be held from 9:00 a.m. to 12:00 a.m.

Any remaining seedlings will be sold the following week, Monday-Friday, 8:00 a.m.-4:30 p.m.,
in the Union SWCD office located in Suite B of the same building.

All stock is sold on a first come, first served basis.

No orders may be placed prior to the sale. All stock are seedlings only.

Please make selections below, and bring completed form with you on the day of the sale.

Orders will be totaled at the sale, after ensuring that all species desired are still available.

No credit cards will be accepted for payment.

# Packets	<u>EVERGREENS (25 trees per packet)</u>	TOTAL
_____ \$25/pkt.	White Pine, 12-18" (2-2)	_____
_____ \$25/pkt.	Colorado Blue Spruce, 12-18" (2-2, P+2)	_____
_____ \$25/pkt.	White Spruce, 14 -20" (2-2)	_____
_____ \$25/pkt.	Arborvitae, 12-18" (2-2)	_____

<u>HARDWOOD and SHRUB PACKETS (5 trees per packet)</u>		
_____ \$10.00/pkt.	Sugar Maple, 12-18"	_____
_____ \$10.00/pkt.	Swamp White Oak, 12-18"	_____
_____ \$10.00/pkt.	Ohio Buckeye, 12-18"	_____
_____ \$10.00/pkt.	American Plum (Wild), 18-24"	_____
_____ \$10.00/pkt.	Paper Birch, 12-18"	_____
_____ \$10.00/pkt.	White Flowering Dogwood, 12-18"	_____
_____ \$10.00/pkt.	Highbush Cranberry, 12-18"	_____
_____ \$10.00/pkt.	Shadblow Serviceberry, 12-18"	_____
_____ \$10.00/pkt.	Butterfly Bush, 18-24"	_____

<u>ACCESSORIES</u>		
_____ \$10/bundle	Marking Flags (100 in bundle)	_____

TOTAL: _____

Please include email address if you would like to be included in our newsletter mailing list.

*(See more information on tree species at:
<http://www.co.union.oh.us/Union-Soil-Water-Conservation-District/>
under Sales & Rentals tab.)

2018 Union SWCD Tree Sale - Brief Descriptions of Species

(CW stands-for Coefficient of Wetness. Typically 0 to +5 are drier site suitable; and 0 to -5 are wetter site suitable.)

1. **White Pine – *Pinus strobus***

According to many the Eastern White Pine is a NE Ohio native. This beautiful pine is majestic in appearance and may reach a mature height of 80'+ with a 40' pyramidal spread. Its soft blue-green needles add beauty to the landscape. It is a fairly fast grower and loves full sun, but will tolerate partial shade. It prefers moist, but very well drained soils. CW: 3

2. **Colorado Blue Spruce – *Picea pungens***

This non-native spruce, to 50' high and 16' wide, is a conical evergreen conifer with densely growing horizontal branches. It has scaly grey bark on the trunk with yellowish-brown branches. They are often grown as ornamental trees in gardens and parks and also grown for the Christmas tree industry. It grows at a slow to medium rate, adapts well to many soils - growing in acidic, loamy, moist, rich, sandy, well-drained and clay soils. It requires normal moisture with moderate tolerance to flooding and drought. CW: 0

3. **White Spruce – *Picea glauca***

This non-native spruce, to 60' high and 20' wide, is more tolerant of heavier clay soils and wetness than the Norway spruce. It is slower growing than Norway spruce and has a symmetrical shape with blue-green needles. **The primary benefit locally is that it will better tolerate the acidic heavy clays.** It will not survive extended seasonal wetness. CW: 3

4. **Arborvitae – *Thuja occidentalis* var.**

This native evergreen is a hard-working, versatile specimen. The narrow, pyramid shape makes it a natural choice for windbreaks. It requires almost no care when used as a hedge or screen. Full sun is the ideal condition for this tree and it grows well in acidic, loamy, moist, rich, sandy, silty loam, well-drained, wet and clay soils.

5. **Sugar Maple – *Acer saccharum***

Another Union County native, Sugar Maple can be expected to grow across Union County – except in areas of extended seasonal wetness. This maple is the most efficient at producing maple syrup. Growth habit includes a broad canopy and beautiful fall color. It prefers plenty of space and sunlight. Will tolerate shade with subsequent slower growth, CW: 3

6. **Swamp White Oak, or “*Bicolor Oak*”– *Quercus bicolor***

If Union County had an official tree, this would be an excellent candidate. While it is tolerant of extended seasonal wetness, this white oak family tree is just as much “at home” on higher and drier sites. It is used as a tree lawn tree where space is afforded, but grows anywhere adequate space will permit (Mature height 60', with a 50-60' wide crown). Swamp white oak has recently been referred to as “Bicolored Oak” in the landscape industry - taking from its scientific second name of *bicolor*. This reference is to the summer's glossy green leaves that are silvery white on the backside. CW: -4

7. **Ohio Buckeye – *Aesculus glabra***

Our state tree, this native can be expected to thrive in moist, but well drained areas – *such as floodplains*. Here it obtains its optimum size, health, and vigor. Fall color can be brilliant and often occurs earlier than other deciduous trees. CW: -1

8. **American Plum – *Prunus americana***

This is a “wild plum” and it is native to Ohio. Expect it to reach an ultimate height of 20' – with a mature spread of 25', on **ideal sites**. It tolerates many soil types and conditions. It reverts to thicket formations if not attended-to as a landscape specimen. Prefers full sun.

9. **Paper Birch – *Betula papyrifera***

The **Paper Birch** tree is considered to be one of the most attractive tree species in North America. Its' handsome summer and fall foliage, graceful form and showy white bark keep this **Birch** species in demand for landscaping applications. **Paper Birch** was once used by northern Native Americans to build canoes and is also known as '**Canoe Birch**'. It should not be pruned during late winter through spring due to the copious bleeding that occurs from sap rising during that time of the year. Union County would be considered to be at the southernmost range of its area of growth.

10. **White Flowering Dogwood – *Cornus florida***

Flowering dogwood is a small deciduous tree growing to 30' high and is often wider than it is tall when mature, with a trunk diameter of up to 1'. Flowering dogwood does best in moist, acidic soil in a site with some afternoon shade, but good morning sun. The fruit is a cluster of two to ten drupes, which ripen in the late summer and the early fall to a bright red, or occasionally yellow with a rosy blush. They are an important food source for dozens of species of birds. The leaves turn a rich red-brown in fall. CW: 3

11. **Highbush Cranberry – *Viburnum trilobum***

Native to moist woods, lake margins, thickets and moist low places, Highbush Cranberry is easily grown in average, moist, well-drained soils in full sun to part shade. It prefers consistent moisture, but tolerates a wide range of soils. The fruit is excellent for jams, jellies and syrups, but very tart uncooked. Highbush Cranberry is a larval host plant for the Spring Azure butterfly. To keep it from getting larger than desired an annual pruning each year just after flowering will maintain the present size. The arching stems and a dense, rounded form make it a popular landscaping choice for use as a screening hedge. For a solid screen, plants should be spaced 2 – 3 feet apart CW:-5

12. **Shadblow Serviceberry – *Amelanchier arborea***

This adaptable deciduous shrub is also known as “Shadbush”, “Juneberry”, and “Shadblow”. It is a tall shrub/small tree (to 20') with a rounded crown, showy star-shaped white spring flowers, and often orange-red-yellow fall colors. It produces a sweet early summer berry that is beloved by songbirds. It is a great plant to naturalize an odd area, or as a landscape specimen planting.

13. **Butterfly Bush – *Buddleia* spp.**

True to its name, one can expect to attract countless butterflies to this 6-12' deciduous shrub. “Butterfly bushes perform best in moist, well-drained soils in partial to full sun. Avoid wet, poorly drained sites. Also, select sites that provide winter protection. Butterfly bushes planted in open, exposed sites are more likely to be destroyed by harsh, winter weather.

2018 Union SWCD - Tree Sale Species at a Glance

Please refer to 2018 Union SWCD Tree Sale – Brief Descriptions of Species on page 1 for more species-specific details

	Tree Species	Scientific Name	Coefficient of Wetness Scale (0 to +5: Drier) (0 to -5: Wetter Sites)	Ohio Native	Size @ Maturity on Ideal Sites: Mature Height & Spread	Rate of Growth on Ideal Sites: F: >2 Feet / Yr. M: 1-2 Feet / Yr. S: <1 Feet / Yr.	Tolerates Extended Seasonal Wetness	Moist - Well Drained Sites	Well Drained Sites	Urban Tolerance	Fall Leaf Color	Sunlight Preference
1	White Pine	<i>Pinus strobus</i>	3	Yes (NE OH?)	50' - 80' (>100') ✓ 20' - 40'	Fast		✓	✓	✓	Evergreen Conifer	Full Sun to Light Shade
2	Colorado Blue Spruce	<i>Picea pungens</i>	3	No	40' - 60' (>75') ✓ 10'-20'	Slow to Medium		✓	✓	✓	Evergreen Conifer	Full Sun to Light Shade
3	White Spruce	<i>Picea glauca</i>	3	No	40' - 60' ✓ 10'-20'	Medium		✓	✓	✓	Evergreen Conifer	Full Sun to Light Shade
4	Arborvitae	<i>Thuja occidentalis</i> var.	3	No	10'-15' (>20') 5'-8'	Medium		✓	✓	✓	Evergreen Conifer	Full Sun
5	Sugar Maple	<i>Acer saccharum</i>	3	Yes	60' - 70' (120') ✓ 40'-50'	Slow to Medium		✓	✓	✓	Brilliant Yellow to Burnt Orange	Full Sun. Tolerates Shade
6	Swamp White Oak	<i>Quercus bicolor</i>	-4	Yes	50' - 60' = Equal Spread	Slow to Medium	✓	✓	✓	✓	Yellow to Bronze	Full Sun to Light Shade
7	Ohio Buckeye	<i>Aesculus glabra</i>	-1	Yes	20' - 40' (80') Similar Spread	Medium		✓	✓	✓	Yellow to Orange- Red (often turns early)	Full Sun to Light Shade
8	American Plum	<i>Prunus americana</i>	5	Yes	To 20' ✓ to 25'	Medium		✓	✓	✓	Varies: Green Yellow, Orange, Red	Thrives in Full Sun
9	Paper Birch	<i>Betula papyrifera</i>		Yes (N Ohio)	50' - 70' ~ 35'	Medium to Fast		✓	✓	✓	Bright Yellow	Full Sun to Part Shade
10	White Flowering Dogwood	<i>Cornus florida</i>	3	Yes	15' ✓ 20'	Slow		✓	✓	✓	Red, Red-Yellow, Red-Purple	Full Sun to Full Shade
11	Highbush Cranberry	<i>Viburnum trilobum</i>	-5	Yes	8'-15' Similar Spread	Fast	✓	✓	✓	✓	Purplish Red	Full to Partial Sun
12	Shadblow Serviceberry	<i>Amelanchier arborea</i>		Yes	To 25' 15'	Medium		✓	✓	✓	Yellows Orange-Red	Full Sun to Part Shade
13	Butterfly Bush	<i>Buddleia davidii</i>		No	6' - 12' = Equal +	Fast		✓	✓	✓	Non Descript	Full Sun to Light Shade