



Ashland County
 Land & Water Conservation Dept.
 315 Sanborn Ave., Suite 100
 Ashland, WI 54806

NEW in 2021

Black Walnut, American Elm &
 Black Cherry

ASHLAND COUNTY LAND & WATER CONSERVATION DEPARTMENT 2021 PLANT SALE

Order Deadline - March 1, 2021

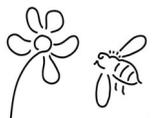


Tree and Shrub Pick-Up:
 Friday, **April 30th**, 2021: **Noon - 5:00 pm**
 Saturday, **May 1st**, 2021: **9:00am - 11:00 am**
 Ashland County Highway Garage
 1701 3rd St. W., Ashland, WI 54806



Support pollinators. Purchase a Pollinator Pack.

- Bees are the most important pollinators for many plants, but wasps, flies, butterflies, moths, beetles, & hummingbirds are all pollinators!
- Approximately 75% of the world's food crops require pollination.
- Berries, apples, cherries, pears, melons, squash, and more require pollination.
- Recent declines in honeybees are highly alarming.



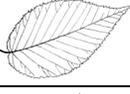
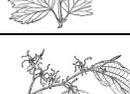
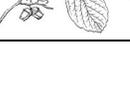
What Can You do?

- Plant flowers that bloom from spring to fall, provide nesting sites, & eliminate pesticides.

Great plants for bees: pussy willow, plum, cherry, blueberry, dogwood, chokeberry, lupine, juneberry, milkweed, coneflower, bergamot, sunflower, blazing star, goldenrod, and aster.

Visit our website to learn more about the Ashland LWCD at: <http://gg.gg/ashland-treesale>

ASHLAND COUNTY LAND & WATER CONSERVATION DEPARTMENT - 2021 PLANT SALE

	Species	Sun	Soils	Moisture	Characteristics
	White Pine <i>Pinus strobus</i>	Full/Part	Sand loam to clay; pH 4-6.5	Well-drained to moist	Average height 80-100'. Long, soft green needles clumped in 5; attracts songbirds & wildlife.
	Red Pine <i>Pinus resinosa</i>	Full	Sand pH 4-6.5	Well-drained to dry soils	Average height 45-75'. Long green paired needles; provides cover, protection & nesting habitat for wildlife.
	Northern Red Oak <i>Quercus rubra</i>	Full	Sandy loam pH 5.0-above	Well-drained	Average height is 65-100'. Red fall foliage. Good cover, nesting sites, and food for many birds and mammals.
	Red Maple <i>Acer rubrum</i>	Full	Sand loam to clay pH 4.5-6.5	Well-drained	Average height 40-60'. Deep red fall color. Fast growing and tolerant of many soils. Provides wildlife food value.
	American Elm <i>Ulmus americana</i>	Full	Rich loam pH 5.0-8.0	Well-drained Moist	Average height 70'. Gold falls leaves; fast growing; tolerates dry and clay soils; stately shape; wildlife value.
	Black Cherry <i>Prunus serotina</i>	Full/Part	Sandy-loam pH 6.8-7.2	Well-drained Moist	Average 25-110'. White flowers; yellow fall color; edible red fruit to black in fall; valuable wood; attracts birds.
	Black Walnut <i>Juglans nigra</i>	Full	Sand to clay pH 6.5	Well-drained Moist	Average height 50-75'. Produces rich nuts; valuable wood; toxic to some plants (pines, fruit, vegetables).
	Balsam Fir <i>Abies balsamea</i>	Full/Part	Sand loam to silt; pH 4-6	Well-drained to moist	Average height 60'. Flat 1" needles and cylindrical 2-4" cones. Popular Christmas tree.
	White Spruce <i>Picea glauca</i>	Full/Part	Loam to clay pH 4.7-7	Well-drained to moist	Average height 40-60'. Roundish blue-green needles. Attracts grouse & wildlife; used in construction.
	Tamarack <i>Larix laricina</i>	Full	Sand to clay pH 6.0-7.0	Well-drained moist to wet	Grows 30-60'. Needles turn brilliant gold in fall; small cones; adapts to wide variety of site conditions.
	Canadian Hemlock <i>Tsuga canadensis</i>	Part/ Shade	Sand to silt pH 5-7	Well-drained moist	Average height 80-100'. Attractive evergreen; important wildlife cover and seed source tree.
	White cedar <i>Thuja occidentalis</i>	Full/Part	Loam to clay; pH 5.5-7	Well-drained to moist	Average height 40-50'. Flat scale-like leaves. Valuable habitat for white-tailed deer and many species of birds.
	Hazelnut <i>Corylus americana</i>	Full/Part	Sand-Loam Tolerates clay	Well-drained Dry to moist	Average height 8-16'. Produces edible nuts; attracts birds & wildlife; spreading- good for borders and slopes.
	Highbush Cranberry <i>Viburnum opulus</i>	Full/Part	Sand to Clay; pH 6.0-7.5	Well-drained to wet	Grows 6-10.' Distinctive red berries remain throughout the winter. Bears, birds enjoy. Edible in jam/jelly.
	Witchhazel <i>Hamamelis virginiana</i>	Full/Part	Sand to Clay; pH 5.0-7.0	Well-drained moist	Grows 15' to 30' Yellow, fragrant flowers bloom from October through December. Yellow-orange fall color.
POLLINATOR PACK	(2 each): Snowberry, Gray Dogwood, Pasture Rose, Mapleleaf viburn., Black Chokeberry	Full/part Full/part Full sun Full/part Full/part	Sand to clay Sand/loam Sand Sand to clay Sand to Clay	Moist to dry Well-drained Dry to wet Moist to dry Well-drained	Beautiful assortment of flowering native shrubs that are important pollinator plants. Two of each species. Provide flowers for bees, hummingbirds, and butterfly. Shrubs grow to various heights, ranging from 4-8'.

Again in 2021:



American witchhazel is a small tree with multi-stemmed branches and an extraordinary flower pattern. The bright yellow flowers are fragrant and appear late fall when other leaves have fallen to the forest floor.

Interesting fact: This tree's forked branches are used as dowsing or divining rods. Native Americans used them to find underground sources of water. Dowsing was a common practice of well-digging into the 20th century.

Forest Adaptation to Climate Change

Climate change is beginning to pose real threats to forests in northern Wisconsin. Forest managers see increasing challenges each season including shifting patterns and extreme weather events due to climate change. Predictions support that temperatures will continue to increase across all seasons in northern Wisconsin over the next century. Climate Change is like to:

- * Influence plant growth and survival
- * Affect growing degree days & plant hardiness zones
- * Increase forest insect pests and diseases
- * Decrease boreal tree species

What can you do to help our forests adapt?

- 1) plant species better suited to these stresses, and
- 2) increase plant species diversity on our property

We offer a great amount of diversity in this brochure. These plants are native to the area, support a healthy habitat for wildlife and pollinators, and will meet your interests.

Species in this brochure may help our forests adapt. Look for this symbol by the plant descriptions. These may **be better suited to future stresses, or they may not be affected by future conditions.**



Pollinator Pack - Help out our bee, butterfly, and bird species! **Pack includes 2 of each:**

Snowberry - Grows 3-4 feet tall. Bell-shaped white flowers then white berries which last into the winter. Thrive in clay soil but also grow in sand. Attracts bees, hummingbirds, grouse, robins, and thrush.

Pasture Rose – Grows to 1-3 feet. Fragrant pink flowers. Disease-resistant. One of the most tolerant roses; grows best in sunny open locations. Attracts birds and has special value for bees.

Gray Dogwood – Grows 8 feet tall. White spring flower clusters mature into white berries. Excellent to stabilize banks and pond areas. Attracts bees and over 98 species of birds!

Mapleleaf Viburnum – Grows 4-6 feet tall. Ornamental low, dense shrub. White flowers then berries turning from red to blue-black. Purple-pink fall foliage. Attracts butterflies, bees, birds, and insects.

Black Chokeberry – Grows to 6 feet. White flowers. Vibrant fall color. Black berries used in jam/jelly, syrup, tea, juice and wine. Attracts bees, butterflies, and birds. Fruit persists into winter for birds and wildlife.

Tree Supplies & Planting Instructions

Soil Moist:

Reduces plant watering by 50 percent, reduces transplant shock and soil compaction and is effective for 3 to 5 years. Soil Moist is an eco-safe, water storing granule that you add to soil or water.

Plantskydd: Protects plants from wildlife and lasts up to 6 months. Organic, non-toxic, biodegradable.

- Ready-to-Use Spray: 1 quart protects approximately 100 plants 1-foot high.
- Powder: 1-pound bag makes 4 quarts of liquid.

Shrub and tree planting steps:

1. Keep bare-root stock moist and cool before planting. Plant stock as soon as possible, otherwise store at close to 34°F. Keep roots moist by periodically sprinkling with water. Do not soak roots in water.
2. Dig the hole deeply enough so that the roots won't curl or bunch up. Trees and shrubs should be planted one inch deeper than they were in the nursery (look for swollen area on stem).
3. Pack soil firmly but gently around the roots. Air pockets will dry out the roots.
4. Water regularly to keep soil moist but not saturated.
5. Mulch two feet around each plant 2-3 inches deep with wood chips, straw, or leaves to reduce weeds.

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Order Deadline - March 1, 2021 Order early for best availability!

TRANSPLANTS are MUCH larger trees than seedlings EVEN IF listed as the same height. Transplants are 5 years old, are multi-branched and have larger roots. Seedlings are 3 years old. Transplants adapt and grow more quickly than seedlings.

TREE & SHRUB ORDER FORM	SIZE	# PER BUNDLE	BUNDLE PRICE	# BUNDLES	SUBTOTAL
White Pine 	6-12"	25	\$14.00		
Red Pine 	6-12"	25	\$14.00		
Northern Red Oak	12-18"	25	\$21.00		
Red Maple 	18-24"	25	\$22.00		
American Elm 	12-18"	25	\$19.00		
Black Cherry 	18-24"	25	\$23.00		
Black Walnut 	18-24"	25	\$24.00		
Tamarack	30-42"	10	\$20.00		
Balsam TRANSPLANT (2-2)	6-12"	10	\$15.00		
White Spruce TRANSPLANT (2-2)	7-15"	10	\$14.00		
Hemlock TRANSPLANT (2-2) 	5-10"	10	\$15.00		
White Cedar TRANSPLANT (2-1)	8-14"	10	\$17.00		
Highbush Cranberry	18-24"	10	\$15.00		
Hazelnut	18-24"	10	\$16.00		
Witchhazel	12-18"	10	\$14.00		
POLLINATOR SHRUB PACK	18-24"	10	\$20.00		
PLANTSKYDD Deer Repellent Spray	1 Quart		\$20.00		
PLANTSKYDD Deer Repellent Jug	1.3 Gallon Jug		\$54.00		
PLANTSKYDD Deer Repellent Powder	1 Pound Box		\$27.00		
Soil Moist- 1 oz. treats 1000 seedlings.	3 oz.		\$6.00		



 <p>Plantskydd REPELLENT DEER • RABBITS • VOLE</p>	<p>Please consider donating to our youth programs!</p>	<p>Subtotal _____</p> <p>Tax 5.5% (multiply by 0.055) _____</p> <p>Donate to Youth Events _____</p> <p>Total Cost _____</p>
<p>Proceeds from this sale generated \$400 to support youth conservation programs & awards in 2020. THANK YOU!!</p>		

*****PLEASE NOTE*****

1. There is no guarantee/warranty on plants
2. Orders not filled due to shortage will be refunded.

Signature: _____

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Date: _____

Email: _____

Do you text? (as we'll send a pick up reminder) Yes ___ No ___

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 Saturday, **May 1st**, 2021: **9:00am - 11:00 am**
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Return order form with payment.

Make Checks Payable To:
 Ashland County LWCD
 315 Sanborn Ave., Suite 100
 Ashland, WI 54806

For Office Use Only

Order # _____
 Check # _____
 \$Enclosed _____
 \$Due/Refund _____