



# EMMET CONSERVATION DISTRICT

## 2024 Spring Tree Sale

### Information Booklet



**\*Pre-order by Wed. April 3, 2024**

**TREE SALE PICK-UP: Thur Apr 25, Fri Apr 26, Sat Apr 27**

**Pick-up Location: 306 Stimpson St. (US-31), Pellston MI  
49769 (the old MDNR fire station)**

*All proceeds go to supporting Emmet Conservation District Programs  
and community projects.*

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## Table of Contents

<b>Tree Sale Information</b>	<b>1</b>
<b>Conifers</b>	<b>5</b>
<b>Deciduous Trees</b>	<b>6</b>
<b>Small Trees and Shrubs</b>	<b>9</b>
<b>Garden Fruits and Vegetables</b>	<b>12</b>
<b>2024 Tree Sale Order Form</b>	<b>13</b>



**EMMET  
CONSERVATION  
DISTRICT**

**Emmet County Conservation District**

**3434 Harbor-Petoskey Rd.**

**Harbor Springs, MI 49740**

**231.439.8977 [www.emmetcd.org](http://www.emmetcd.org)**

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## **TREE SALE INFORMATION**

### **Seedlings:**

Seedlings are smaller and less expensive than transplants, easy to plant, and are a better choice for large plantings.

(2-0) designates 2 yr. old seedlings, (3-0) designates 3 yr. old seedlings, (4-0) designates 4 yr. old seedlings.



### **Transplants:**

Transplants are older seedlings that have been moved to a transplant bed for a year or more. They are larger, sturdier, and have more established root systems. Planting requires a little more effort. Transplants are a good choice for wind-breaks and landscaping.

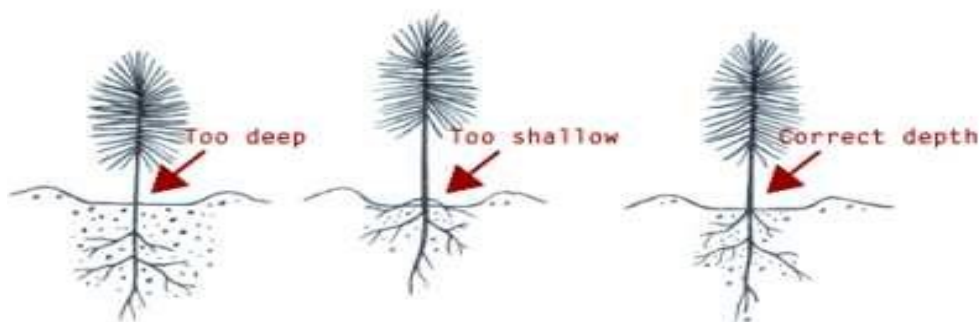
(2-1) designates a 3 yr. old tree that spent two years in a seedling bed and one year transplanted. (2-2+) designates a 4 yr. old tree that spent two years in a seedling bed and two or more years in a transplant bed.



**Responsibility for survival of plant material lies with the buyer. District liability ends when seedlings are picked-up by the buyer, or after the specified distribution date. There will be no reimbursement for trees that do not survive. Complaints of tree non-survival will be investigated if possible by the ECD to try and determine the cause.**

## PLANTING TIPS

1. Plant trees ASAP. Store in a cool/unheated, dry place (i.e. in a bucket on a cement garage floor away from direct sunlight/heat).
2. Water is always a challenge—don't let roots dry out, but don't let trees get moldy. Keep moisture on the roots by watering regularly (and draining), but don't keep in standing water. Move trees around and keep air circulated to reduce molding.
3. Depending on your soils and goals, you may want to add nutrients and/or texture such as topsoil, peat, Dairy Doo or other treated or composted soils, mycorrhizae, or sand (if in clay or alkaline soils). Make sure to mix in with the native soils.
4. Dig the hole deeper and wider than the roots of the tree, spreading roots out in the hole (do not wrap the roots in the hole).
5. As you plant, remember to tamp down soils by lightly stepping around base of the tree to get rid of unwanted air pockets.
6. Water trees as soon as you plant them, then water as needed during the growing season to keep soils from getting too dry.
7. A thin layer of straw or treated cedar/cypress mulch around the base of your tree helps to maintain soil moisture, and protects the roots from getting scorched on hot sunny days.
8. \*Do not plant tall tree species under or near overhead utility wires. Before digging in residential areas, call MISS-DIG (dial 811, or 1-800-482-7171) to ID underground wires and utilities.



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## **CONIFERS**



### **CONCOLOR/WHITE FIR (*Abies concolor*)**

Mature Height: ~30-50' (~15-25' wide)

Where to Plant: Prefers upland soils (not good for over-ly-irrigated lawns or wet/soggy soils)

Uses: Prized Christmas trees, ornamental/specimen trees, shelterbelts, windbreaks, wildlife, timber production. Slow-growing. Good alternative to blue spruce; fairly disease resistant. Full sun to pt. shade. Long, soft needles. *Not native to Michigan, Native to Western US*



### **FRASIER FIR (*Abies fraseri*)**

Mature Height: ~30-55'

Where to Plant: Full sun to light shade, moist but well-drained soils (not super hot/dry).

Uses: #1 species for Christmas trees. *Not Native to MI; Native to Appalachia.*



### **RED PINE (*Pinus resinosa*)**

Mature Height: ~50'-80'

Where to Plant: Variety of conditions; grows well in sandy soils. Can tolerate dry, windy, or rocky conditions. Full sun to light shade.

Uses: windbreaks, timber production, ornamental, and erosion control. *Native*



### **WHITE PINE (*Pinus strobus*)**

Mature Height: ~80'-100'; Fast-growing, long-lived.

Where to plant: Adaptable to many soil types. Full sun to moderate shade.

Uses: Christmas trees, ornamental, windbreaks, timber production, reforestation, habitat restoration, and wildlife food and habitat. *Native*

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## CONIFERS (CONT.)

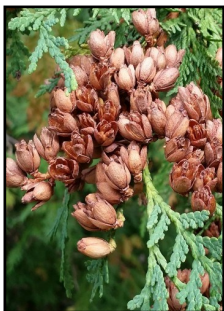


### **WHITE SPRUCE** (*Picea glauca*)

Mature height: ~50' -100'

Where to Plant: Wide range of sites from uplands to lowlands, streambanks, dunes. Full sun to part shade.

Uses: windbreaks, wildlife, landscaping, reforestation, visual screening, and Christmas trees. *Native*



### **NORTHERN WHITE-CEDAR** (*Thuja occidentalis*)

Mature height: ~50'-60'

Where to Plant: Variety of soil types and conditions—uplands, streambanks, shorelines, organic soils. Full sun to full shade (shade-tolerant).

Uses: windbreaks, visual barriers, timber products, ornamentals, wildlife, conservation plantings. \*Protect from deer in winter (wrap with burlap.) *Native*

## DECIDUOUS TREES



### **AMERICAN BASSWOOD/LINDEN** (*Tilia americana*)

Mature Height: 60'-120'

Where to Plant: Moist or dry soils, esp. in calcareous soils, from woods to dunes; associated w/sugar maple-beech. Planted along windward sides of orchards for protection. Full sun to part-shade.

Uses: ornamental, shade trees, timber, wildlife, honey—important nectar source for bees. *Native*



### **AMERICAN MOUNTAIN-ASH** (*Sorbus americana*)

Mature Height: 15-30'

Where to Plant: Variety of conditions from dry, rocky soils to rich, moist, woods. Prefers full sun.

Uses: Beautiful landscape tree—leaves turn bright orange in fall, retains fruit throughout winter; wildlife (important for ruffed grouse and other birds). *Native*

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## **DECIDUOUS TREES**

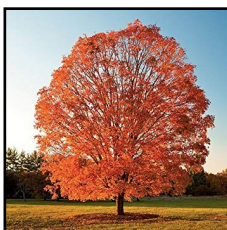


### **RED MAPLE (*Acer rubrum*)**

Mature Height: 60'-80'

Where to Plant: Variety of sites from uplands to lowlands, streambanks, shorelines, and dunes. Full sun to part shade.

Uses: ornamental, wildlife, maple syrup. *Native*



### **SUGAR MAPLE (*Acer saccharum*)**

Mature Height: 50'-80'

Where to Plant: Good for a variety of conditions, but prefers loamy, upland soils. Full sun to shade (highly shade-tolerant).

Uses: high quality lumber and timber products, wildlife, maple syrup production. *Native*



### **WHITE/PAPER BIRCH (*Betula papyrifera*)**

Mature Height: 40'-70'

Where to Plant: Grows in a variety of soils and conditions, especially disturbed sites. Full sunlight or sunny openings.

Uses: landscaping, ornamental trees, forest products, firewood, wildlife plantings. *Native*



### **RED OAK (*Quercus rubra*)**

Mature Height: 50'-70'; slow-growing.

Where to Plant: Variety of conditions, especially good for sandy, acidic soils.

Full to partial sun.

Uses: timber production, landscaping wildlife plantings. *Native*



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## DECIDUOUS TREES (CONT.)



### **WHITE OAK** (*Quercus alba*)

Mature Height: 80'-100'; can grow as wide or wider than tall. Slow-growing and long-lived.

Where to Plant: Does well in a variety of upland soils. Full to partial sun.

Uses: timber, wood products, wildlife plantings, and landscaping— superior shade tree good for large areas such as parks and large properties. *Native*



### **BUR OAK** (*Quercus macrocarpa*)

Mature Height: 70-80'; often grows wider than tall. Slow-growing and long-lived.

Where to Plant: Versatile tree—does well in a variety of soils and conditions from sand to clay, acidic and limestone soils, and wet to dry sites. Full sun.

Uses: landscaping, windbreaks, wildlife cover, and landscaping. Produces high quality wood. *Native*



### **SWAMP WHITE OAK** (*Quercus bicolor*)

Mature Height: 50'-60'; fast-growing.

Where to Plant: Good in wet/moist soils, areas with poor drainage, but also drought tolerant. Full sun.

Uses: shade tree, landscaping, rain gardens, stream floodplains, wildlife plantings—important host plant for pollinators. *Native*



### **BLACK WILLOW** (*Salix nigra*)

Mature Height: Typically 30-50', but known to reach 70'-140' under ideal conditions.

Where to Plant: Fast growing tree suitable for wet/moist soils such as streambanks. full sun.

Uses: Soil stabilization, important for wildlife (nectar, food, shelter); medicinal. *Native*

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## SMALL TREES AND SHRUBS



### **ALLEGHENY SERVICEBERRY** (*Amelanchier laevis*)

Mature Height: < 25'; Small, multi-stemmed tree.

Where to Plant: Variety of sites, from moist to dry conditions. Shade to full sun.

Uses: landscaping, wildlife plantings, hedgerows; produces edible fruits. One of the first to flower in the spring. Host plant for butterflies. *Native*



### **AMERICAN HAZELNUT** (*Corylus americana*)

Mature Height: ~8'-12'; multi-stemmed shrub.

Where to Plant: Can be planted in a variety of conditions, in dry to moist soils. Grows in partial shade, but does best and produces the most nuts in full sun.

Uses: hedgerows, visual screens, ornamental, wildlife plantings, edible fruit. *Native*



### **AMERICAN PLUM** (*Prunus americana*)

Mature Height: Up to ~24'; does spreads to form thickets; produces thorns.

Where to Plant: Uplands/well-drained soils (drought-resistant). Shade tolerant.

Uses: windbreaks, visual screens, riverbanks, wildlife plantings, erosion control. Edible fruit ~1" diameter. *Native*



### **ARROWWOOD** (*Viburnum dentatum*)

Mature Height: ~6'-10'; multi-stemmed shrub; grows as wide as it is tall.

Where to Plant: Grows in a wide variety of conditions, from moist to dry conditions. Great for sandy/acid soils. Best in full sun, but will grow in partly shaded areas.

Uses: landscaping, hedgerows, streambanks, wildlife and pollinator plantings. *Native*

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## **SMALL TREES AND SHRUBS (CONT.)**



### **BLACK CHOKEBERRY (*Aronia melanocarpa*)**

Mature Height: ~8'; will produce suckers.

Where to Plant: Grows in a variety of soils and conditions, from dry to moist conditions. Shade-tolerant but grows best in full sun.

Uses: landscaping, wildlife plantings, erosion control, and permaculture. Produces edible fruits. *Native*



### **BLACK ELDERBERRY (*Sambucus canadensis*)**

Mature Height: ~5'-10'

Where to Plant: Variety of soils, especially good for moist soils. Full sun to partial shade. Plants are male or female, so plant in clusters to ensure cross-pollination.

Uses: ornamentals, hedges, windscreens, permaculture and wildlife plantings. Produces edible fruits. *Native*



### **FRAGRANT SUMAC (*Rhus aromatica*)**

Mature Height: ~6'-12'; spreads to form low thickets

Where to Plant: Adaptable to many soil types; grows well in dry, sandy soils and on slopes.

Uses: landscaping, wildlife and pollinator plantings, and erosion control. *Native*



### **HIGHBUSH CRANBERRY (*Viburnum trilobum*)**

Mature Height: Up to ~12'

Where to Plant: Variety of soils from uplands to wetland edges and riverbanks. Best in full sun.

Uses: ornamental, streambanks, wildlife plantings. Produces edible fruits. *Native*

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## SMALL TREES AND SHRUBS (CONT.)

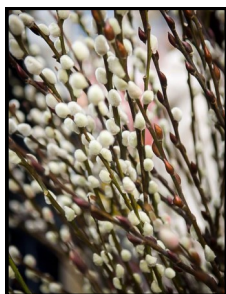


### **NINEBARK (*Physocarpus opulifolius*)**

Mature Height: ~6'-9'; round form that grows as wide as tall; produces spreading and arching branches.

Where to Plant: Grows well in a variety of conditions—wet or dry, full sun or shade. Drought-resistant.

Uses: landscaping, excellent for shrub borders and privacy screens, lakeshore and stream-bank stabilization, wildlife cover and food, pollinators. *Native*



### **PUSSY WILLOW (*Salix discolor*)**

Mature Height: Can grow 15-25', with spreading roots to form thickets.

Where to Plant: Great for low, wet soils such as wetlands, streambanks, boggy soils. Plants are dioecious (male or female) - plant in clusters to ensure pollination (male plants produce showy catkins in late winter). Full sun to part shade.

Uses: Erosion control, landscaping, wildlife plantings, crafting/decorations, butterfly host plant. *Native*



### **RED-OSIER DOGWOOD (*Cornus sericea*)**

Mature Height: ~5'-10'; Spreading/rounded form.

Where to Plant: Grows in a variety of soils and conditions, from landscaping shrubs to moist soils.

Uses: windbreaks, river and streambank stabilization, wildlife, landscaping—prune back stems in the fall to shape and stimulate new growth. *Native*

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## **GARDEN FRUIT & VEGETABLES**



### **ASPARAGUS**

Jersey Knight Asparagus - 2-yr old crowns

Vigorous, cold-hardy, disease-resistant; produces high-quality spears; all male plants. Plant deep in trenches, in full sun.



### **RHUBARB**

Crimson Red 2-yr Division

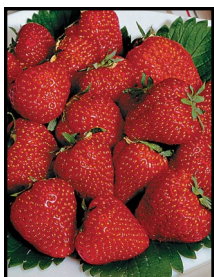
Produces thick, bright red stalks; excellent flavor. Cold-resistant and drought-tolerant. Plant in sunny locations.



### **RED RASPBERRIES**

Heritage Red Raspberries 2-yr (Bare Root)

Cold-hardy everbearing raspberry — produces mid season on old canes and late season (until frost) on new canes. Firm and flavorful fruit. Self-pollinating. Best in full sun.



### **STRAWBERRIES**

Jewel Strawberries

High quality, June-bearing. Produces high yields of large, superior quality berries. Add extra mulch around plants in fall for extra protection from the cold. Plant in full sun.



# 2024 SPRING TREE SALE ORDER FORM

## Emmet Conservation District

Office: 3434 Harbor Petoskey Rd, Harbor Springs, MI

Website: [www.emmetcd.org](http://www.emmetcd.org)

**\*Pre-Orders Due: Wed. April 3<sup>RD</sup>, 2024**

**PICK UP DATES:** Thur. April 25 (1-5pm), Fri. April 26 (9am-4pm), & Sat. April 27 (9am-12noon)

**PICK-UP LOCATION:** 306 STIMPSON ST (N. US-31), PELLSTON, MI (the old MDNR Fire Station)

\*RATES VARY BY BUNDLE SIZE (For example: 10 Red Pine seedlings for \$18)

CONIFER SEEDLINGS	Age	Size	BUNDLE SIZES							# Ordered	Cost
			5	10	25	50	100	500	1000		
Concolor Fir	2-0	8-12"	\$10	\$18	\$30	\$90	\$80	\$375	--		
Red Pine	2-0	6-14"	\$10	\$18	\$30	\$45	\$65	\$225	\$390		
White Pine	2-0	6-12"	\$10	\$18	\$30	\$45	\$65	\$225	\$390		
White Spruce	2-0, 3-0	9-15"	\$10	\$18	\$30	\$45	\$65	\$225	\$390		

CONIFER TRANSPLANTS	Age	Size	1	5	10	25	50	100	# Ordered	Cost
Frasier Fir	2-1, P+1	8-14"	\$5	\$15	\$25	\$55	\$105	\$190		
White Pine	2-1, 3-1	12-18"	\$5	\$18	\$32	\$70	\$125	\$235		
Northern White-Cedar	2-2	10-16"	\$5	\$18	\$32	\$70	\$130	\$235		
White Spruce	2-1, 2-2	15-24"	\$5	\$18	\$30	\$70	\$120	\$235		

DECIDUOUS TREES	Age	Size	1	5	10	25	100	# Ordered	Cost
American Basswood	2-0	12-24"	\$6	\$25	\$50	\$100	--		
American Mountain-Ash	2-0	12-24"	\$5	\$20	\$35	\$75	--		
Red Maple	2-0	12-24"	\$5	\$15	\$25	\$50	\$190		
Sugar Maple	2-0	12-24"	\$5	\$15	\$25	\$50	\$190		
White Birch	2-0	12-24"	\$5	\$15	\$28	\$60	\$200		
Red Oak	2-0, 3-0	12-24"	\$5	\$15	\$25	\$50	\$190		
White Oak	2-0, 3-0	12-24"	\$5	\$15	\$25	\$50	\$190		
Bur Oak	2-0, 3-0	12-24"	\$5	\$15	\$28	\$60	\$200		
Swamp White Oak	2-0, 3-0	12-24"	\$5	\$15	\$28	\$55	\$190		
Black Willow	2-0	12-24"	\$5	\$20	\$35	\$75	--		

SMALL TREES AND SHRUBS	Size	5	10	25	100	# Ordered	Cost
Allegheny Serviceberry ( <i>Amelanchier laevis</i> )	12-24"	\$16	\$30	\$70	\$250		
American Hazelnut ( <i>Corylus americana</i> )	12-24"	\$16	\$30	\$70	\$250		
American Plum ( <i>Prunus americana</i> )	12-24"	\$16	\$30	\$70	\$250		
Arrowwood ( <i>Viburnum dentatum</i> )	12-24"	\$15	\$28	\$55	\$190		
Black Chokeberry ( <i>Aronia melanocarpa</i> )	12-24"	\$15	\$28	\$55	\$190		
Black Elderberry ( <i>Sambucus canadensis</i> )	12-24"	\$16	\$30	\$70	\$210		
Fragrant Sumac ( <i>Rhus aromatica</i> )	12-24"	\$16	\$30	\$70	\$250		



Highbush Cranberry ( <i>Viburnum trilobum</i> )	12-24"	\$15	\$28	\$55	\$190		
Ninebark ( <i>Physocarpus opulifolius</i> )	12-24"	\$13	\$25	\$45	\$150		
Pussy Willow ( <i>Salix discolor</i> )	12-24"	\$16	\$28	\$55	\$190		
Red-Osier Dogwood ( <i>Cornus sericea</i> )	12-24"	\$13	\$25	\$45	\$190		

FRUITS & VEGETABLES:	BUNDLE SIZES			# ORDERED	COST
Asparagus	5	10	25		
Jersey Knight (2-yr Crowns)	\$10	\$18	\$35		
Raspberries	1	5	10	# ORDERED	COST
Heritage Red Raspberry (2-yr)	\$7	\$30	\$50		
Rhubarb	1	5	*Limited Quantities	# ORDERED	COST
Crimson Red Rhubarb (~2-yr+)	\$12	\$50			
Strawberries	5	10	25	# ORDERED	COST
Jewel Strawberries	\$10	\$18	\$25		

\*\*All seedlings are bare root stock\*\*

OTHER PRODUCTS	# Ordered	Cost
Plantskydd Deer & Rabbit Repellent: Granular Shaker Container (3.5 lbs.) <b>\$32.95</b>		
Plantskydd Deer & Rabbit Repellent: Concentrate (1 lb.) <b>\$34.95</b>		
Plantskydd Deer & Rabbit Repellent: Ready-To-Use Spray (1 qt.) <b>\$22.95</b>		
Plantskydd: Premium Pump Sprayer (Holds 1qt.) <b>\$12.95</b>		
PLANTRA 6ft. Sunflex Vented Tree Tube System <b>\$10.00/each</b>		
PLANTRA Tree Bark Protector (Height: 3ft.) <b>\$3.75/each</b>		
Metal 'Trees Planted' Sign <b>\$3.50/each</b>		
Tree Planting Gel, 1 oz (treats ~250 seedlings) <b>\$3.00/1-oz. bag</b>		
SUBTOTAL		
SALES TAX + 6% TAX		
Tax Deductible Donation		
TOTAL		\$

**\*\*DON'T FORGET SALES TAX...**

Customer Name: \_\_\_\_\_
Address: \_\_\_\_\_
City/State/ZIP: \_\_\_\_\_
Order Date: \_\_\_\_\_

Email: \_\_\_\_\_
\*Select Pick-Up Date: \_\_\_\_\_Thur/ \_\_\_\_\_Fri / \_\_\_\_\_Sat/

\*Phone #: \_\_\_\_\_(Required)

**We are accepting online orders at: [www.emmetcd.org](http://www.emmetcd.org) or drop off or mail your order and payment to the ECD Office.**

**PLEASE MAKE ALL CHECKS PAYABLE TO:**

Emmet Conservation District  
3434 Harbor-Petoskey Rd. Harbor Springs, MI 49740    231-439-8977

FOR OFFICE USE ONLY

Date Order Received: \_\_\_\_\_

Receipt: \_\_\_\_\_

Check #: \_\_\_\_\_

**ORDERS ARE RESERVED ON A FIRST COME FIRST SERVE BASIS. SUPPLIES ARE LIMITED - ORDER EARLY. WE WILL TAKE ORDERS UNTIL SUPPLIES ARE GONE.**

Responsibility for survival of plant materials lies with the buyer. District liability ends when seedlings are picked up by the buyer, or after the specified distribution date. There will be no reimbursement for trees that do not survive. Complaints of tree non-survival will be investigated, if possible, by the District to try and determine the cause.

*Donations are tax deductible and much appreciated! All proceeds from tree sales support the work of the Emmet Conservation District. We help you manage your local natural resources and provide education opportunities for youth and families. Thank you for your business and charitable support!*







Emmet County Conservation District  
3434 Harbor-Petoskey Rd.  
Harbor Springs, MI 49740

TO: