



# THE ACORN

2024 Spring Tree & Shrub Sale @ Oakland CD



## Order Your Trees & Shrubs Today

It's time to order trees & shrubs. The 2024 selection of bare-root plants includes a wide variety of evergreens, hardwoods, and shrubs, along with potted blueberries and asparagus roots for backyard gardens. This year, we have Hackberry, Kentucky Coffeetree, Blackgum, Sycamore, Winterberry and Pasture Rose as new species for this spring. We will also be offering 2-3 feet sizes of Elm, Silver Maple, Pin Oak and Tulip Poplar. Look inside for full details and order by mail or online.

## Make Your Yard Wildlife Friendly

Sign up for a personalized workshop that prepares you to create your own wildlife habitat. The course fee is only \$80 and includes presentations and educational materials. For 2024, we will be hosting a Spring class in Waterford and a Fall class in Berkley.

During the classes, you will learn about the importance of your site-specific soil and what plants work best, the importance of planting native for pollinators, increasing wildlife diversity in your yard, and reducing invasive species.

# Conservation Efforts in Oakland County

A Land Conservancy, often called a land trust, is a non-profit organization dedicated to safeguarding natural lands and habitats. They use tools like conservation easements, land acquisition, and educational outreach to strike a balance between land use and ecological preservation. Conservation easements allow landowners to protect their property in exchange for tax incentives. Land Conservancies play a vital

role in protecting and restoring habitats, conserving clean water sources, and creating outdoor recreation opportunities.

- [Six Rivers Land Conservancy](#)
- [Blue Heron Headwaters Land Conservancy](#)
- [Michigan Nature Association](#)
- [Southeast Michigan Land Conservancy](#)

## Volunteers Needed

Get involved and make a difference by volunteering with us. Explore opportunities on our website to become part of our dedicated team and earn community service hours for various purposes. A few of the opportunities are Seedling packing, Farmers Market events, outreach events, and office hours. To signup click [HERE](#) or visit our website.

## 2024 Farmers Market Schedule

**April 13:** Soil Health

**May 11:** Selling excess seedlings (if available)

**June 8:** Invasive Species

**July 13:** FREE Well Water Testing Nitrate/Nitrites

**Aug 10:** Monarch Butterflies LIVE!

**Sept 14:** Light Pollution

**Oct 12:** Selling excess conifers (if available)





## Community Voices Wanted: Take the CNA Survey

Every five years, Conservation Districts conduct the Conservation Needs Assessment (CNA) Survey to understand and address community needs effectively. Your input is crucial in guiding us and our partners to tackle pertinent issues. By completing the survey, you stand a chance to win one of five 20% discounts on your 2024 Spring Tree & Shrub order. Participate today and be a part of

building a better, more sustainable community.

Participating is a breeze! Scan the QR code below or visit the survey website to share your thoughts. Your input will directly impact your community's conservation initiatives.

Click [HERE](#) or use the QR code to take the survey.



## Board of Directors

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## Supporting Local Agriculture through Farmer Markets

Farmer markets are much more than just places to buy fresh produce. They are bustling hubs of community life, where you can savor local flavors, support small-scale agriculture, and connect with the people who grow your food. Oakland County, located in the heart of Michigan, is no exception to this trend, boasting a diverse array of farmer markets that offer a delightful mix of fresh

fruits, vegetables, artisanal goods, and a strong sense of community.

With over a dozen farmer markets, Oakland County offers a rich tapestry of local produce and artisanal goods. So, why not check out your local farmer market and experience the vibrant community and fresh, locally-sourced offerings that make Oakland County's markets a true gem for residents.



# Farms for Conservation, Commerce Twp.

By Dawn Hughes, Owner of Urban Arbor Care

Urban Arbor Care (UAC) exemplifies the power of responsible land management, focusing on creating a healthy Urban Forest and Wetland System. Owned by Dawn Hughes, UAC's journey began in 2003 when the

trees. Restoration efforts led to the return of wildlife, including beavers and the Northern Yellow Lady's Slipper Orchid by 2023. UAC aims to be a model Urban Wetland and Forest Habitat, with Michigan Agriculture Environmental Assurance Program (MAEAP) certification, prioritizing compliance with regulations and preserving the habitat.

Challenges like invasive species and oak wilt are tackled through an integrated approach, including invasive species removal, herbicide treatments, and monitoring. UAC emphasizes practices like pruning, brush management, and pest control to preserve native species.

The property now hosts diverse wildlife, emphasizing the importance of maintaining a healthy habitat and protecting oak trees crucial for local wildlife food. UAC looks to the future, incorporating wetland restoration and wildlife habitat management, promoting a balance

between urban use and preserving natural remnant habitats.

UAC's commitment to sustainable land management showcases the potential for coexistence between urban development and environmental preservation. As UAC continues to inspire responsible land stewardship, its story serves as an inspiration for communities striving to harmonize with nature.



Dawn Hughes

property in Carroll Lake Heights, initially a wasteland dump, was transformed. Additional wetland properties expanded the acreage from 0.5 to approximately 2 acres.

Dedicated to sustainability, UAC removed garbage, invasive species, and diseased



If you would like to learn more about Urban Arbor Care you can visit them online at: [UrbanArborCare.com](http://UrbanArborCare.com)

# 2024 Spring Tree & Shrub Sale

<b>CONIFERS</b>	<b>Soils</b> <i>Mesic = Medium, not overly dry or wet</i>	<b>Growth</b> <i>F = Fast M = Med S = Slow</i>	<b>Size</b> <i>Inches</i>	<b>Per 10</b>	<b>Per 25</b>	<b>Per 50</b>	<b>Per 100</b>	<b>Number Ordered</b>	<b>Cost</b>
Douglas Fir	Mesic - Wet	M	12 - 18"	\$12.40	\$27.13	\$50.38	\$93.00		
American Larch	Mesic	M	6 - 12"	\$20.32	\$44.45	\$82.55	\$152.40		
Red Pine	Dry - Mesic	S	12 - 18"	\$14.00	\$30.63	\$56.88	\$105.00		
White Pine	Dry - Mesic	F	7 - 10"	\$15.60	\$34.13	\$63.38	\$117.00		
Norway Spruce	Mesic	M - F	10 - 18"	\$12.60	\$27.56	\$51.19	\$94.50		
White Spruce	Mesic	M	10 - 18"	\$12.60	\$27.56	\$51.19	\$94.50		
<b>HARDWOODS</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>		
Quaking Aspen	Dry - Mesic	F	12 - 24"	\$11.62	\$23.82	\$42.73	\$95.80		
River Birch	Mesic - Wet	M	12 - 18"	\$8.16	\$15.03	\$27.63	\$62.97		
Common Hackberry	Dry - Mesic	F	12 - 18"	\$10.28	\$19.66	\$36.13	\$82.34		
Pignut Hickory	Mesic	M	12 - 18"	\$13.79	\$27.29	\$50.15	\$114.31		
Red Maple	Mesic - Wet	F	12 - 18"	\$14.51	\$28.86	\$53.04	\$120.90		
Red Oak	Dry - Mesic	M	12 - 18"	\$8.69	\$16.19	\$29.75	\$67.81		
Sycamore	Dry - Mesic	M - F	12 - 18"	\$9.64	\$18.27	\$33.58	\$76.53		
Blackgum	Mesic - Wet	M	12 - 18"	\$9.54	\$18.04	\$33.15	\$75.56		
<b>SMALL TREES / SHRUBS</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>		
Allegheny Serviceberry	Mesic	M	12 - 18"	\$11.66	\$22.66	\$41.65	\$94.94		
American Hazelnut	Dry - Mesic	M	12 - 18"	\$11.66	\$22.66	\$41.65	\$94.94		
Arrowwood Viburnum	Mesic - Wet	M	12 - 18"	\$9.96	\$18.96	\$34.85	\$79.44		
Fragrant Sumac	Dry	S - M	12 - 18"	\$9.75	\$18.50	\$34.00	\$77.50		
Highbush Cranberry	Mesic	M	12 - 18"	\$9.33	\$17.58	\$32.50	\$73.63		
Ninebark	Mesic - Wet	F	12 - 18"	\$8.05	\$14.80	\$27.20	\$62.00		
Red Osier Dogwood	Mesic - Wet	F	12 - 24"	\$9.75	\$18.50	\$34.00	\$77.50		
Redbud	Mesic	M	12 - 18"	\$9.86	\$18.73	\$34.43	\$78.47		
Spicebush	Mesic	S	6 - 12"	\$11.34	\$21.97	\$40.38	\$92.03		
Winterberry - unsexed	Mesic - Wet	S	12 - 18"	\$11.88	\$23.13	\$42.50	\$96.88		
Pasture Rose	Mesic - Wet	M	12 - 18"	\$9.75	\$18.50	\$34.00	\$77.50		
<b>2 - 3' HARDWOODS</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>		
American Elm	Mesic	M	2 - 3'	\$20.82	\$43.70	\$81.70	\$190.00		
Silver Maple	Mesic - Wet	M	2 - 3'	\$20.82	\$43.70	\$81.70	\$190.00		
Pin Oak	Mesic - Wet	S	2 - 3'	\$22.88	\$48.30	\$90.30	\$210.00		
Tulip Poplar	Mesic	F	2 - 3'	\$22.88	\$48.30	\$90.30	\$210.00		
<b>GARDEN</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>		
Liberty Blueberry 8"	Mesic	M	8" Pot	\$25.50	\$53.75	\$92.50	\$218.75		
Jersey Knight Asparagus	Dry - Mesic	M	Dried Root	X	\$13.69	\$25.16	\$57.35		
<b>SUPPLIES</b>				<b>Per 1</b>	<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>		
Routine Soil Test	Basic		1 Test	\$25.00	\$50.00	\$125.00	\$250.00		
Complete Soil Test	Basic + Micro/Macro		1 Test	\$35.00	\$70.00	\$175.00	\$350.00		
Root Dip			1 Pack	\$3.50	\$6.50	\$15.00	\$30.00		

S = 12" or less of growth a year, M = 13" - 24" of growth a year, F = 25" or more of growth a year



OAKLAND  
CONSERVATION  
DISTRICT

Customer Information (Please Print)		
Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email:		

Pickup  
 Saturday, May 4<sup>th</sup> 2024  
 (10 am – 2 pm)  
 1702 Scott Lake Road  
 Waterford, MI 48328

Subtotal	
6% Sales Tax	
Tax Deductible Donations	
Total	

**Orders are due by Friday, April 12, 2024**

Make Checks Payable To:  
Oakland Conservation District

Mail your check and completed order form to:

Oakland Conservation District  
7150 Dixie Highway Suite 1  
Clarkston, Michigan 48346

or

Order Online at:  
[www.OaklandConservationDistrict.org](http://www.OaklandConservationDistrict.org)

**Our liability for plant material ceases when plants are picked up.**

Sizes (height) listed are provided by our nursery suppliers. Actual size may vary based on nursery grading and growth.  
All money received for any order canceled after April 7<sup>th</sup>, 2023, will be forfeited. Cancellations of orders are subject to restocking fees passed on to the District from the nurseries.

# 2024 Spring Tree & Shrub Sale

COMMON NAME	SCIENTIFIC NAME	SOILS	SUN	GROWTH FEET	REMARKS
<b>CONIFERS</b>					
Douglas Fir Non-Native	<i>Pseudotsuga menziesii</i> "Lincoln"	Well-drained soils	Sun	40 - 80 T 12 - 20 W	Blue-green needles; landscape and seasonal tree
American Larch <b>Native</b>	<i>Larix laricina</i>	Moist, acidic, well-drained soils	Sun - Part Shade	40 - 80 T 15 - 30 W	Fall color; rain gardens; needles fall off in fall
Red Pine <b>Native</b>	<i>Pinus resinosa</i>	Well-drained sandy soils	Sun	50 - 80 T 20 - 25 W	Straight reddish trunk; two needles per bundle; landscape; windbreak
White Pine <b>Michigan State Tree</b> <b>Native</b>	<i>Pinus strobus</i>	Acidic, well-drained sandy soil does not tolerate clay soils	Sun - Part Shade	50 - 80 T 20 - 40 W	Blue-green needles; 5 needles per bundle; landscape; wildlife cover; grows tall and straight
Norway Spruce Non-Native	<i>Picea abies</i>	Acidic, well-drained soils	Sun	40 - 60 T 25 - 30 W	Deep green; landscape; windbreak; wildlife cover
White Spruce <b>Native</b>	<i>Picea glauca</i>	Well-drained soils	Sun	40 - 60 T 10 - 20 W	Blue-green needles; landscape; wildlife cover
<b>HARDWOODS</b>					
Quaking Aspen <b>Native</b>	<i>Populus tremuloides</i>	Moist well-drained soils	Sun	20 - 50 T 10 - 30 W	Fall color; wildlife
River Birch <b>Native</b>	<i>Betula nigra</i>	Moist to wet soils	Sun - Part Shade	40 - 70 T 40 - 60 W	Winter interest; shade tree; showy flower; wildlife; rain garden
Common Hackberry <b>Native</b>	<i>Celtis occidentalis</i>	Well-drained soils	Sun - Part Shade	40 - 60 T 40 - 60 W	Shade tree; street tree; rain garden
Pignut Hickory <b>Native</b>	<i>Carya glabra</i>	Well-drained soils	Sun - Part Shade	50 - 80 T 40 - 60 W	Fall color; wildlife;
Red Maple <b>Native</b>	<i>Acer rubrum</i>	Medium to wet, well-drained soils	Sun - Part Shade	40 - 70 T 30 - 50 W	Fall color; shade tree; landscape; wildlife; street tree; rain garden
Red Oak <b>Native</b>	<i>Quercus rubra</i>	Dry to medium	Sun	50 - 75 T 50 - 75 W	Fall color; shade tree; street tree
Sycamore <b>Native</b>	<i>Platanus occidentalis</i>	Medium to wet, well-drained soils	Sun	75 - 90 T 75 - 90 W	Shade tree; rain garden
Blackgum <b>Native</b>	<i>Nyssa sylvatica</i>	Medium to wet	Sun - Part Shade	30 - 50 T 20 - 30 W	Fall color; shade tree; street tree; raingarden; wildlife
<b>SMALL TREES / SHRUBS</b>					
Allegheny Serviceberry <b>Native</b>	<i>Amelanchier laevis</i>	Loam to clay soil; moist	Sun - Part Shade	15 - 25 T 15 - 25 W	Showy fragrant flowers: fruit is showy and edible; birds and bees
American Hazelnut <b>Native</b>	<i>Corylus americana</i>	Average to well-drained soils	Sun - Part Shade	10 - 16 T 8 - 13 W	Fall color; showy flower; edible fruit (nut); wildlife; pollinators
Arrowwood Viburnum	<i>Viburnum dentatum</i>	Medium, well-drained soils	Sun - Part Shade	6 - 10 T 6 - 10 W	Hedge; wildlife; pollinators; birds; butterflies
Fragrant Sumac <b>Native</b>	<i>Rhus aromatica</i>	Well-drained soils	Sun - Part Shade	2 - 6 T 6 - 10 W	Fragrant leaves; fall color; showy fruit; wildlife; pollinators
Highbush Cranberry <b>Native</b>	<i>Viburnum trilobum</i>	Moist well-drained soils	Sun - Part Shade	8 - 12 T 8 - 12 W	Fall color; showy flower; showy fruit; wildlife; pollinators; rain garden
Ninebark <b>Native</b>	<i>Physocarpus opulifolius</i>	Well-drained acidic soils	Sun - Part Shade	5 - 8 T 4 - 6 W	Showy flowers; showy fruit; landscape; pollinators



COMMON NAME	SCIENTIFIC NAME	SOILS	SUN	GROWTH FEET	REMARKS
Red Osier Dogwood <b>Native</b>	<i>Cornus sericea</i>	Organically rich, fertile, moist soils	Sun - Part Shade	6 - 9 T 7 - 10 W	Winter interest; showy fruit; landscaping; wildlife; pollinators; rain gardens; deer tolerant
Redbud <b>Native</b>	<i>Cercis canadensis</i>	Average to well-drained soils	Sun - Part Shade	20 - 30 T 25 - 35 W	Fall colors; showy flowers; landscaping; wildlife; pollinators
Spicebush <b>Native</b>	<i>Lindera benzoin</i>	Medium, well-drained soils	Part Shade	6 - 12 T 6 - 12 W	Fragrant; fall color; hedge; rain garden
Winterberry <b>Native</b>	<i>Ilex verticillata</i>	Acidic, medium to wet soils	Sun - Part Shade	6 - 12 T 6 - 12 W	Birds; hedge; rain garden
Pasture Rose <b>Native</b>	<i>Rosa carolina</i>	Medium to wet, well-drained soils	Sun	3 - 6 T 5 - 10 W	Wildlife; hedge; fragrant

### LARGE HARDWOODS

American Elm <b>Native</b>	<i>Ulmus americana</i>	Medium, well-drained soils	Sun	60 - 80 T 40 - 70 W	Shade tree, street tree, raingarden
Silver Maple <b>Native</b>	<i>Acer saccharinum</i>	Medium to wet soils	Sun - Part Shade	50 - 80 T 35 - 70 W	Shade tree; street tree; rain garden
Pin Oak <b>Native</b>	<i>Quercus palustris</i>	Medium to wet, acidic soils	Sun	50 - 70 T 40 - 60 W	Fall color; shade tree; rain garden
Tulip Poplar <b>Native</b>	<i>Liriodendron tulipifera</i>	Moist, organically rich, well-drained soils	Sun	60 - 90 T 30 - 50 W	Fall color; shade tree; showy flowers; wildlife; street tree

### GARDEN

Blueberry-Liberty Native-Improved	<i>Vaccinium corymbosum</i>	Organic-rich soils, pH 4.8-5.2	Sun - Part Shade	6 - 12 T 8 - 12 W	Fall color; showy flowers; edible fruit; pollinators; <b>needs two plants for pollination</b>
Jersey Knight Asparagus Non-Native	<i>Asparagus officinalis</i>	Moist, well-drained organic-rich soils	Sun	3 - 4 T 1.5 - 2 W	Rabbit tolerant; roots take 3 years to produce the first harvestable crop; feathery green foliage

### Supplies

Routine Soil Analysis Kits	Basic	A routine analysis is for home backyard gardeners	Soil pH, Organic Matter, Phosphorus, Potassium, Calcium, Magnesium, and Cation Exchange Capacity.		
Complete Soil Analysis Kits	Micro/Macro	Complete Analysis is for a more in-depth soil test	Includes the Routine Analysis PLUS Boron, Zinc, Sulfur, Manganese, Copper, Iron, Soluble Salts		
Root Dip		One pack will dip 100 trees.	This increase the survivability of the bareroot trees when you transplant them into the ground.		

*Data from Missouri Botanical Gardens*



# Test Your Soil Be a Better Gardener

If you know what's in your soil, then you know what nutrients it needs. We offer two types of soil tests.

There is a routine soil test and a complete analysis soil test with more in-depth information about micro and macro nutrients.

The cost of the routine soil test is \$25. The complete analysis soil test is \$35.

Testing your soil can give information on the soil's ability to supply nutrients for best plant growth, thereby providing a

scientific basis for deciding if and how much lime and nutrients are needed. Also, soil tests indicate when the applications are no longer needed. The saying, "if one pound is good, two are better and three must be best" does not apply to fertilizer.

Order your soil test today. Use the QR code or click [HERE](#).



# Increase Wildlife in Your Yard

What we offer is a class that is customized designed to improve your backyard.

We will have two classes this year: one is Waterford in the Spring and a Fall class in Berkley.

The Spring class at Waterford Public Library will be March 4, March 11, March 18, and March 27.

The fall class at Berkley Public Library will be Sept. 3, Sept. 10, Sept. 17, and Sept. 24.

To sign up for the class. Use the QR code or click [HERE](#).



# Annual Meeting

We will be holding our Annual Meeting on April 3, 2024, at 6 p.m. at Lookout Lodge, 1702 Scott Lake Rd., Waterford, 48328. Contact the office for more details (248) 922-7822. Public welcome.



# Working With the Natural Resources Conservation Service (NRCS) - Tall Trees Sanctuary

By Joshua Chiatovich, Owner of Tall Trees Sanctuary

When my brother and I inherited the land after dad passed away it was overgrown, overrun with invasives, and drowning in debt. The easy thing to do would have been to sell to a developer and take the money and run, but my brother and I knew how much it meant to our father for his land to remain in the family. His dream was for his land to remain undeveloped, a place of learning, where wildlife and nature were free to live undisturbed by man. After his stroke, that dream was all he spoke of. Before he became unable to work, the land was a Christmas tree farm, but now it was a husk of its former self. The Christmas trees had grown up over the decades, along with all the invasives that were feeding off of them and their deciduous neighbors, and it was bleeding money.

We are not farmers, but we knew we couldn't let dad's dream die. We just needed to find a way to make it happen. That's where the Natural Resources Conservation

Service (NRCS) came in and saved us. After conducting research we found a program designed to allow small forests like ours to remain intact and healthy. They provided us with the cost-share we needed to purchase supplies, and by working the land ourselves, we've been able to pay the taxes as well!

Tall Trees Sanctuary is becoming what our father had always dreamt it would be, and my brother and I have discovered new lives as tree farmers because of the help we received from the NRCS.

This partnership has been a blessing from day one. Everyone at the NRCS has been helpful, understanding, and kind. We came in knowing nothing about any of this and they have been there every step of the way, guiding us. Now, the future of our land is bright, dad is looking down on us with pride, and we're loving the work, and its all because someone was willing to give us a hand. Thank you from the bottom of our hearts NRCS. From me, my brother, and my father.





# Clover Lawns

By Sue Crenshaw

Have you considered a clover lawn instead of the traditional turf lawn? This growing trend has several advantages. Clover is a low-growing plant that requires less frequent mowing. This nitrogen-fixing plant improves the soil without chemical fertilizers. Also, clover grows and spreads quickly,

preventing erosion. Clover is drought-resistant and usually stays green throughout the warm season. This plant is pet-friendly and will stand up to foot traffic. Clover is a pollinator and attracts bees and butterflies. As you can tell, there are many advantages to having a clover lawn.



## Stay connected and follow us on social media

Stay in the know and become part of our thriving community by following us on Facebook, Instagram, Nextdoor, and LinkedIn. On Facebook, catch up on exciting events and exclusive behind-the-scenes content. For a visual treat, check out our Instagram for stunning images and real-time

updates. Join our local conversations on Nextdoor and stay connected with your neighborhood. On LinkedIn, dive into professional insights, job opportunities, and company news. Don't miss out—click the links below to follow us on your favorite platforms and be a part of our digital journey!





**OAKLAND  
CONSERVATION  
DISTRICT**

Serving Oakland County for over 79 years

7150 Dixie Highway, Suite 1  
Clarkston, Michigan 48346  
248-922-7822  
OaklandConservationDistrict.org

Pick up day  
Saturday, May 4th, 2024  
10:00 a.m. – 2:00 p.m.  
1702 Scott Lake Rd  
Waterford, MI 48328  
Located behind the Waterpark

Orders Close:  
Friday, April 12th

Thank You For Your Support



OAKLAND CONSERVATION DISTRICT  
7150 Dixie Highway, Suite 1  
Clarkston, Michigan 48346

OaklandConservationDistrict.org