



## 2021 TREE & SHRUB SALE - SALE

It's time to order trees & shrubs! The 2021 selection includes a wide variety of evergreens, hardwoods and shrubs, along with potted blueberries and asparagus roots. Thanks to bulk ordering and generous local nurseries, these native and non-invasive species are available at discounted rates. Look inside for full details and order by mail or online. **With a new pickup location at 1702 Scott Lake Rd. Waterford, MI 48328 behind the Waterpark.**

## WE WORK TO MAKE A DIFFERENCE

The Oakland Conservation District provides informational assistance to farmers, homeowners, educators, businesses, developers and local government agencies. The District does this by assisting with agriculture management planning, educational demonstrations, informational workshops, wildlife habitat planning and forestry assistance.

Although we work hand-in-hand with local, state and federal agencies, we currently receive no state or county funding. Our **annual Tree & Shrub sale** allows us to partner with other natural resource organizations, such as the Oakland County Parks and Recreation, the Oakland Farmers' Market and MSU Extension projects.

## FUNDING FOR CONSERVATION DISTRICTS

NRCS OBLIGATIONS AND STATE INVESTMENTS		
	(2020) NRCS INVESTMENTS	STATE INVESTMENTS
Minnesota	\$58,013,837	\$14,700,000
Ohio	\$28,019,300	\$10,400,000
Wisconsin	\$51,499,850	\$10,086,930
Illinois	\$52,581,610	\$7,500,000
Iowa	\$46,245,831	\$5,075,000
Indiana	\$33,839,018	\$1,800,000
Michigan	<b>\$28,341,452</b>	<b>\$0</b>

## EVENTS & WORKSHOPS

### ANNUAL MEETING

March 31, 2021 at 6 p.m. at Lookout Lodge, 1702 Scott Lake Rd., Waterford, 48328. Contact the office for more details: (248) 922-7822. Public welcome.

### VOLUNTEERS NEEDED

We need 20+ daytime volunteers the week of April 27 – May 1. We will be unloading trailers and bundling up orders. This is a great opportunity to earn community service hours for work, school, etc. Join us for a few hours! Call (248) 922-7822 or email us or visit our website.

### BACKYARD HABITAT COURSE

This four-part workshop prepares you to create your own wildlife habitat. Course fee is: \$75 and includes, individual consultation and materials. Call for info (248) 922-7822 or visit us at [OaklandConservation.org](http://OaklandConservation.org).

### VISIT US AT THE MARKET

- April 10 – Soil Health
- May 8 – Excess tree / shrub sale
- June 12 – Invasive Species
- July 10 – Produce Safety
- Aug. 14 – Monarch Butterflies – LIVE!
- Sept. 11 – FREE Well Water Screening
- Oct. 9 – Tree & Shrub Trimming

## PLANTING & CARING FOR TREES & SHRUBS

### WHY PLAN BEFORE YOU BUY PLANT TREES & SHRUBS?

Trees and shrubs are an important part of Michigan's natural ecosystem. About 50 percent of the state is forestland. The plants that make up our forests provide food and nutrients for a wide variety of wildlife—from mammals to insect larvae and provides critical shelter for wildlife and their young to nest, hide from predators and seek shelter.

The Michigan Department of Natural Resources has published a complimentary workbook, [MANAGING MICHIGAN WILDLIFE—A LANDOWNER'S GUIDE](#) to help plan your 2021 tree and shrub purchases. It discusses key plant species and considers landscaping goals and site selection. The Knowing Your Soil chapter in the Habitat Planning section will help you understand how to identify soil types, know what plants will grow best on your property and how to manage your trees and shrubs successfully.



### WHY PLANT TREES?

- Trees are beautiful! Landscaping which includes trees can improve the look of your home or office building and even raise property values. Studies have even shown that trees can improve moods and reduce stress.
- Trees renew our air supply by taking in carbon dioxide and producing oxygen. One tree produces nearly 260 pounds of oxygen each year.
- An acre of trees creates enough oxygen to be consumed by about 18 people annually.
- Trees save energy and money! Strategically placed, trees can make buildings cooler in summer and stop winter winds.
- Tree roots stabilize soil and help to prevent erosion.
- Trees cut down on noise pollution by acting as sound barriers.
- Trees provide food and shelter for wildlife.

### BACKYARD HABITAT WORKSHOPS COMING SPRING & FALL 2021

Sign up for a personalized workshop that prepares you to create your own wildlife habitat! Course fee is only \$75 and includes individual consultations and educational materials. For 2021 we will host a session in March and September. Dates will be announced soon and will offer Zoom sessions if necessary. The course covers:

- Pollinator habitats for bees and insects
- Habitats for Birds, Mammals, Reptiles and Amphibians
- Terrestrial invasive species
- Natural features and native plants
- The importance of soil in your backyard plan



### ON THE BRINK OF EXTINCTION: Phase Two Campaign



The tiniest of butterflies, the Poweshiek Skipperling, is an internationally endangered butterfly whose numbers continue to drop as their habitat also dwindles away. Named after a county in Iowa where their numbers were prolific, not one of these tiny butterflies can be found there today. This skipperling solely relies on prairie fen habitat, a special type of wetland, to survive. This fall, NOHLC kicked off a campaign to raise money to purchase and steward a portion of the Poweshiek Skipperling's habitat located here in Oakland County in order to aid in its survival. As this species' last stronghold, it is vitally important that we do what we can to save this habitat. We were able to purchase 21.5 acres in Phase One and are aiming to secure the rest of the habitat in Phase Two. Visit [NOHLC.org](http://NOHLC.org) to donate to the campaign and to view wonderful photos and a video on how important it is that we protect this fen.

## MAEAP WORKS WITH FARMS TO PROTECT ENVIRONMENT

The Michigan Agriculture Environmental Assurance Program (MAEAP) is an innovative, proactive and non-regulatory program that helps farms of all sizes and commodities voluntarily minimize agricultural pollution risks. MAEAP comprises four core systems, each examining different aspects of the farm: Cropping, Farmstead, Livestock and Forest/Wetlands/Habitats. No matter which systems apply to your operation, you work one-on-one with your MAEAP technician through confidential and **FREE CONSULTATIONS** to develop action plans enabling official MAEAP verification. **Over 40 Oakland County farms have participated and there have been 20 verifications in Oakland County so far!** Contact MAEAP technician Anastasia Williams (810) 230-8766 ext 3146 or visit [www.maeap.org](http://www.maeap.org).

## OAKLAND COUNTY FARMERS MARKET

The Oakland County Farmers Market is a community asset, with the indoor/outdoor market delivering fresh, nutritious seasonal fruits and vegetables to residents directly from local farmers. Open year round, the market hosts nearly 100 farmers and artisans representing 17 Michigan counties who offer fresh produce, flowers, handcrafted goods and more.



Special events, including Oakland Uncorked, free cooking demonstrations, food truck rallies and community garage sales are popular with visitors. Nutrition and health programs hosted by Michigan State University Extension and Master Gardeners, as well as the Oakland Conservation District and the Oakland County Health Division. The Oakland County Farmers Market is truly a community asset, just as are Oakland County Parks and Recreation's 13 parks, five golf courses, three dog parks, two campgrounds, two waterparks and two nature centers.

## NATURAL RESOURCES CONSERVATION SERVICE UPDATE

The Natural Resource Conservation Service (NRCS) is preparing applications for 2021 funding opportunities in programs such as the Environmental Quality Incentives Program (EQIP) and the Conservation Stewardship Program (CSP). These programs help landowners manage resource concerns like forest, livestock, wildlife, crop and vegetable production through technical support and financial assistance. Residents in Oakland County can work with NRCS through the Lapeer Field Office, which services both Oakland and Lapeer counties.

This summer, the NRCS and the Conservation District welcomed two new staff members. Anna Geister is the Conservation Technician and works for Lapeer and Oakland Conservation Districts. Stacey Smith is a Soil Conservationist for the NRCS in Oakland and Lapeer counties. She will also be working with partners and landowners to put conservation practices on the ground. Contact the Oakland Conservation District (248) 922-7822 or learn more at [NRCS Website](#)

## PRODUCE SAFETY TECHNICAL ASSISTANCE IN OAKLAND COUNTY

Signed into law in 2011, the Food Safety Modernization Act (FSMA) is the largest reform of the food industry in over 70 years. As part of FSMA, the Produce Safety Rule is the first-ever regulation for the growing, harvesting, packing, and handling of fresh fruits and vegetables. This regulation was enacted to reduce the amount of foodborne illness related to microbial contamination of fresh produce and has a broad impact on fruits and vegetable growers here in Michigan. The State has an educational approach to the Produce Safety Rule by partnering with Conservation Districts and MSU Extension to create the Michigan On-Farm Produce Safety Team. This voluntary, confidential program is available at no cost to all fruit and vegetable growers across the state of Michigan including Oakland County.

Through the Oakland Conservation District, a Technician is available to visit all area farms to connect growers with resources, educational opportunities and address any FSMA Produce Safety related questions. For more assistance or to schedule an on-farm Produce Safety Risk Assessment, contact the Oakland Conservation District today at 248-922-7822 or email [Oakland Conservation District](#) or email Micah Hutchison [micah.hutchison@macd.org](mailto:micah.hutchison@macd.org).

## MICHIGAN INVASIVE SPECIES: OAKLAND CONSERVATION DISTRICT RESOURCES

As a conservation district, a key directive is to keep our local community informed of natural resource concerns. Invasive species are so pervasive throughout Michigan, we strive to ensure you know where to find the latest and most complete information.

The State of Michigan and the Michigan Department of Natural Resources have created a comprehensive website breaking down invasive species into eight (8) different groups: Plants, Insects, Disease, Mollusks, Fish, Mammals, Birds, and Crustaceans. Invasives are then categorized to four segments of urgency.

1. Watch List means invasive may or may not have been detected in Michigan. If detected, it is not in the wild.
2. Prohibited in Michigan means the invasive is established in the wild but there is no management or control mechanism in place. Usually the establishment is small and eradication is still possible.
3. Restricted in Michigan identifies species that are established in the wild and have management and control mechanisms in place.
4. No designation categorizes an Invasive that is well established and has management and control mechanisms available. If discovered, it is necessary to begin efforts to manage the spread of the invasive in that location.

We recommend you familiarize yourself with the invasive species website and be on the lookout next time you are walking about. Of course, the Oakland Conservation District will always have a direct link available from our site.

**MICHIGAN INVASIVE SPECIES WEBSITE:** [WWW.MICHIGAN.GOV/INVASIVES](http://WWW.MICHIGAN.GOV/INVASIVES).

<u>OAKLAND COUNTY INVASIVES</u>		
Spotted Laternfly	Autumn Olive & Russian Olive	Red Swamp Crawfish
Buckthorn	Oak Wilt	Invasive Bittersweet
Flowering Rush	European Frogbit	Garlic Mustard
Swallow Wort	Knotweed	Phragmites

## VOLUNTEERS NEEDED

We are still looking for 20+ volunteers the week of April 27 - May 1, 2021. We will be unloading trailers and bundling up orders. This is a great opportunity to earn community service hours for work, school or community projects. Plus, all volunteers earn up to a 20% discount on their 2022 orders too! Join us and feel free to invite your friends, neighbors and work colleagues. *You do not have to commit to all five days and if you can't stay for the entire day, that's okay too.* Simply call and together we'll find a mutually convenient time. To volunteer call Patrick Costello call (248) 922-7822 or email [OalandConservation@gmail.com](mailto:OalandConservation@gmail.com).

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### *Our Mission*

The Oakland Conservation District is dedicated to promoting sound environmental stewardship in Oakland County by providing residents with reliable information and technical assistance regarding the management and use of our natural resources.

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OAKLAND CONSERVATION DISTRICT

SPRING 2021 TREE SALE

	<b>Soils</b> Mesic = Medium not overly dry or wet	<b>Growth</b> F = Fast M = Med S = Slow	<b>Size</b>	<b>Per 10</b>	<b>Per 25</b>	<b>Per 50</b>	<b>Per 100</b>		<b>Number Ordered</b>	<b>Cost</b>
<b>EVERGREENS</b>										
Douglas Fir	mesic	M-F	10-18"	\$10.00	\$21.88	\$41.88	\$75.00			
Norway Spruce	mesic	M-F	12-18"	\$10.00	\$21.88	\$41.88	\$75.00			
Red Pine	mesic - dry	F	12-18"	\$10.00	\$21.88	\$41.88	\$75.00			
White Pine	mesic - moist	F	12-18"	\$11.20	\$24.50	\$46.90	\$84.00			
White Spruce	mesic - dry	S	12-18"	\$10.00	\$21.88	\$41.88	\$75.00			
Concolor Fir	mesic	M	5-10"	\$11.20	\$24.50	\$46.90	\$84.00			
	<b>Soils</b> Mesic = Medium not overly dry or wet	<b>Growth</b> F = Fast M = Med S = Slow	<b>Size</b>	<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>		<b>Number Ordered</b>	<b>Cost</b>
<b>HARDWOODS</b>										
Quaking Aspen	Dry-mesic	M-F	12-24"	\$7.88	\$14.43	\$26.52	\$60.45			
Black Walnut	rich moist loams	F	12-18"	\$7.88	\$14.43	\$26.52	\$60.45			
Red Maple	mesic	F	18-24"	\$7.88	\$14.43	\$26.52	\$60.45			
Sugar Maple	Dry-mesic	M	12-18"	\$8.90	\$16.65	\$30.60	\$69.75			
White Oak	mesic	S	12-18"	\$8.90	\$16.65	\$30.60	\$69.75			
Pin Oak	mesic	F	12-18"	\$8.90	\$16.65	\$30.60	\$69.75			
Red Oak	mesic-moist	M	12-24"	\$7.88	\$14.43	\$26.52	\$60.45			
Paper (Canoe) Birch	moist-wet	M	12-18"	\$8.90	\$16.65	\$30.60	\$69.75			
American Beech	mesic	S	12-18"	\$10.10	\$19.24	\$35.36	\$80.60			
Chinese Chestnut	dry-mesic	F	12-18"	\$10.10	\$19.24	\$35.36	\$80.60			
American Chestnut	Dry-Mesic	F	18-24"	\$17.00	\$37.00	\$68.00	\$155.00			
<b>SMALL TREES / SHRUBS</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>			
Highbush Cranberry	mesic - moist	M	12-18"	\$8.90	\$16.65	\$30.60	\$69.75			
Red Osier Dogwood	mesic - moist	M	12-18"	\$6.35	\$11.10	\$20.40	\$46.50			
Ninebark	mesic - wet	M	18-24"	\$7.54	\$13.69	\$25.16	\$57.36			
Eastern Redbud	mesic - moist	M	12-18"	\$8.14	\$14.99	\$27.54	\$62.78			
Shadblow Serviceberry	dry	M	12-18"	\$9.58	\$18.13	\$33.32	\$75.95			
Fragrant Sumac	dry	M	12-18"	\$8.14	\$14.99	\$27.54	\$62.78			
Common Lilac	mesic	M	12-18"	\$7.54	\$13.69	\$25.16	\$57.35			
American Hazelnut	Dry-mesic	M	18-24"	\$11.28	\$21.83	\$40.12	\$91.45			
American Plum	dry-wet	F	12-18"	\$8.82	\$16.47	\$30.26	\$68.97			
Nanking Cherry	mesic	M	18-24"	\$10.10	\$19.24	\$35.36	\$80.60			
Silky Dogwood	wet-dry	M	24-36"	\$6.35	\$11.10	\$20.40	\$46.50			
<b>GARDEN</b>				<b>Per 2</b>	<b>Per 5</b>	<b>Per 10</b>	<b>Per 25</b>			
Asparagus Root- Jersey Knight	Dry-mesic	M		X	\$9.99	\$18.36	\$41.85			
Northland Blueberry 8"	mesic - moist	M	8"	\$24.00	\$50.00	\$85.00	\$170.00			

OAKLAND CONSERVATION DISTRICT  
SPRING 2021 TREE SALE

**ORDERS DUE BY WEDNESDAY APRIL 6, 2021**

<b>Subtotal</b>		
<b>6% Sales Tax</b>		
<b>Total</b>		

Make Checks Payable To:

**Oakland Conservation District**  
248-922-7822

Mail your check and completed order form to:

**Oakland Conservation District**  
7150 Dixie Highway Suite 2  
Clarkston, Mi. 48346

OR

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

Follow this link to order online via  
PayPal or to reprint the order form!



**NEW PICK UP LOCATION**  
**1702 Scott Lake Rd Waterford, MI 48328**  
**Located behind the Waterford Oaks Waterpark**

PICK UP DAY  
SATURDAY, MAY 1st, 2021  
10:00 a.m. – 2:00 p.m.  
NO ONSITE SALES – ORDER PICK UP ONLY

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

Please provide your e-mail address. Conservation is our middle name; help us save the trees.

**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.

OAKLAND CONSERVATION DISTRICT  
SPRING 2021 TREE SALE

**CONIFERS**

**Douglas Fir** *Pseudotsuga menziesii*: Medium growing tree reaching at least 50 in height. It grows best on well drained soils and likes full sun. Makes a good Christmas tree and good for landscaping.

**Norway Spruce** *Pinus abies*: Moderately fast-growing tree that reaches 60-90 feet in height. It prefers moist clay to loam soils and is shade tolerant. Needles are dark and short. Valued for landscaping, windbreaks and wildlife cover.

**Red Pine** *Pinus resinosa*: Moderate to fast growing tree that is 50-80 feet tall at maturity. It grows best in well drained sandy soils and full sun. Dark green needles are 4-6" long in bundles of two. It is used for windbreaks, landscaping and timber.

**White Pine** *Pinus strobus*: Michigan's State tree! Moderate to fast growing tree that can reach 80-100 feet tall. It prefers rich, moist to well-drained soils and is shade tolerant. Needles are soft and grow in bundles of 5. Used for timber, wildlife, cover and windbreaks.

**White Spruce** *Picea glauca*; Michigan's native spruce. Slow growing, shade tolerant and can reach 60-90 feet tall. Prefers well drained clay loam soils but tolerates heat, drought and high water. Used for landscaping, windbreaks and wildlife cover.

**Concolor Fir** *Abies concolor*; medium growing, well drained soils and prefers full sun. Will reach heights of 40-70 feet in the landscape. Considered the best of the firs to tolerate the growing conditions of the Michigan.

**HARDWOODS / DECIDUOUS TREES**

**Quaking Aspen** *Populus tremuloides*: Fast growing tree reaching 40-60 feet in height. It will tolerate most soils but prefers moist soils and likes full sun. The broad flat leaves tremble or quake in the light breeze.

**Black Walnut** *Juglans nigra*: Reaches 60-80 feet in height and a trunk diameter of 2-3 feet. This hardwood is shade tolerant. It grows best on moist sandy loams. The nuts produced are a good food source for wildlife. The timber is valued for furniture, veneer and gun stocks. This tree does put allelopathic chemicals into the soil which may prohibit some plants from growing.

**Red Maple** *Acer rubrum*: Fast growing and can reach 45-60 feet in height. It will grow in poorly drained and well drained soils and is shade tolerant. It is valued for its red buds, twigs and fall color. This is a good tree for landscaping and for wildlife.

**Sugar Maple** *Acer saccharum*: Slow to medium growing tree that reaches 80-100 feet tall. Grows well on moist soils and is moderately shade tolerant. This tree is used for timber, landscaping, and maple syrup production.

**White Oak** *Quercus alba*: Slow growing tree that reaches 45-80 feet tall. Prefers full sun and well drained sandy loam to clay loam soils. Great ornamental or forest tree that is valued for timber and wildlife.

**Pin Oak** *Quercus palustris*: Fast growing reaching 60-70 feet in height. It has bright red leaves in the fall. It prefers moist soils. It is often known as a street tree. Leaves tend to be narrower than red oak.

**Red Oak** *Quercus rubra*: This is a fast-growing tree reaching 70-90 feet in height. It is known as the "Champion Tree" because of its growth and shape. It prefers moist soils and grows in the sun or partial shade.

**Canoe Birch** *Betula papyrifera*: Fast growing tree reaching 50-70 feet in height. Young trees have a bronze to brownish bark and mature trees have chalk white bark which can peel away. Grows on moist soils and needs full sun to partial shade.

**American Beech** *Fagus grandifolia*; has smooth steel gray bark and can reach 80 feet at maturity. It's a slow growing tree in mature oak/maple forest. Likes rich well drained soils and needs full sun to partial shade. Excellent tree for wildlife with its fruit and as tree ages provides great den sites for animals.

**Chinese Chestnut** *Castanea mollissima*: This is a fast-growing tree reaching 40-60 feet in height. It produces nuts in just a few years after planting. It needs 2 trees for pollination. It prefers drier soils but will do ok on most soils.

**American Chestnut-** *Castanea dentata*- Due to disease issue the chestnut will grow to about 30 ft. tall. Needs full to partial sun and mesic to dry soils that are loam, clay or rocky material. Producer of edible nuts.

OAKLAND CONSERVATION DISTRICT  
SPRING 2021 TREE SALE

**SMALL TREES / SHRUBS**

**Highbush Cranberry** *Viburnum trilobum*: Grows 4-10 feet tall, prefers moist sites. Flowering shrub that produces small white clusters of flowers followed by red fruit. Excellent wildlife plant, fruit provides great winter food source for birds. Can tolerate some shade.

**Red Osier Dogwood** *Cornus stolonifera*: Grows 3-9 feet tall. Older twigs have a red or purplish red color that lasts all year creating an attractive winter focal point. This is a great plant for stream bank restoration and landscaping.

**Ninebark** *Physocarpus opulifolius*: Grows to 20 feet, prefers wet sites, but will grow on drier sites. Fast growing plant is shade tolerant. Has white flowers in May-June followed by blue fruit in September.

**Eastern Redbud** *Cercis canadensis*: Small tree 12-25 feet high. Flowers from April-May just about the time the leaves emerge. Fruit-legume, June-July persistent into winter. Moderately shade tolerant, slow growing, grows well on many soils. Highly prized as an ornamental due to showy pink flowers in early spring.

**Shadblow Serviceberry** *Amelanchier arborea*: Shrub or small tree up to 40 feet with a narrow crown, 4-12" in diameter. Showy white flower in April-May with red to purple round berry in June-August. Shade tolerant, slow growing, intolerant of moist soils.

**Fragrant Sumac** *Rhus aromatic*: This bush tends to be umbel shaped and grows at a medium rate. It reaches 8 -18 feet in height and width. Great wildlife escape cover with aromatic leaves. The red drupes (fruit) is good wildlife food and makes good tea. It prefers dry soils and full sun to partial shade. It will make a good border planting.

**Common Lilac** *Syringa vulgaris*: Generally, between 8-12 feet tall but can reach up to 20 feet at maturity. Flowers are purple and bloom from late spring to early summer. Does well in a wide range of soils but requires full sun.

**American Hazelnut** *Corylus Americana*; Generally, between 4-15 feet tall. Sun to partial shade; moist-dry mesic soils and any soil type (rocky-sandy-loam). Great for wildlife; Used by insects, birds, mammals as a food source and as escape cover. Nuts are preferred food source and are a sweet edible nut for human use.

**American Plum-** *Prunus American*- Wild plum, also called American plum is a small, fast-growing, colony-forming native shrub/tree. Abundant tiny white flowers open before the leaves emerge in spring. Plums appear in late summer. Plums are great to eat off the plant or make jellies or preserves. Great shrub for birds and other wildlife.

**Nanking Cherry-** *Prunus tomentosa*- Fragrant white spring flowers, shiny reddish-brown bark, and edible scarlet fruit make the Nanking cherry a favorite for mass plantings and borders. Well suited for Michigan growing conditions. The dense branching pattern means the shrub is also well-suited for use as a windbreak filler, hedge, or wildlife habitat.

**Silky Dogwood-** *Cornus amomum*- will grow to be 6-10 ft. tall. You can manage the height by cutting/trimming. Young plants have bright red stems which turn gray as the bush ages. It white blossoms show up in mid-June and bear bluish fruit in September. It grows best in moist soil somewhat poorly drained and is shade tolerant. This plant is good for shelterbelts, hedges, stream restoration and wildlife borders.

**GARDEN**

**Jersey Knight Asparagus Root-** Perennial vegetable that grows 3-7 feet high. Prefers full to partial sun and deep well-drained soils. Ready for harvest after two years and the graceful, feathery green foliage is still attractive after harvest.

**Northland Blueberry-** Delicious to eat and relatively easy to grow. It needs a soil with a ph between 4 and 5. The soil needs to drain easily. Need 2 plants for good pollination.

# SOIL TESTING

Soil is Where it all started  
Understanding your Soil Test

## WHY HAVE YOUR SOIL TESTED?

Testing 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.

## WHEN IS THE BEST TIME TO TEST?

Testing soil about once every three years is usually adequate. You can sample soil anytime it is not frozen, although some times are better than others. Sampling in early spring or late fall assures that you will have recommendations before buying lime and fertilizer. It is important to plant trees and shrubs that grow well in the existing soil conditions (clay, sand, acid vs. alkaline, etc.) rather than try to change the soil to meet the needs of the trees and shrubs planted.

## SAMPLE PROPERLY

One of the most important steps in soil testing is taking the sample, because only a small portion of the soil you bring to the laboratory is actually tested. Remember that you are taking samples to obtain information and recommendations on which to base fertilizer and lime applications.

## WHERE TO SAMPLE

To ensure that the soil sample is representative of the area to be treated, you need to make a composite sample. Collect small samples from at least five locations in the area and combine them into one sample - a composite sample.

## WHAT IS THE SOIL TESTING FOR?

It includes testing for soil pH, lime requirement, phosphorus (P), potassium (K), calcium (Ca), magnesium (Mg), organic matter (OM), and cation exchange capacity (CEC). Fertilizer recommendations are based on the crops to be grown and the soil test results.

## WHAT DOES THE TEST COST?

The cost of a residential soil test kit self-mailer is \$18.00. The soil test self-mailer provides you with everything you need to make the process easy. For more information visit [www.oaklandconservationdistrict.com](http://www.oaklandconservationdistrict.com).

## WHERE CAN I GET A SOIL TEST?

Order Online - [www.oaklandconservationdistrict.com](http://www.oaklandconservationdistrict.com) (\$1.00 service fee) or request by Mail - 248-922-7822.

## NOHLC: AN OAKLAND COUNTY INSTITUTION FOR OVER 47 YEARS

Did you know we have a local land conservancy right here in Oakland County? The North Oakland Headwaters Land Conservancy--NOHLC for short--has been protecting land and water in our area since 1972. To date NOHLC has protected more than 1,500 acres of land. Some of these properties are open for public use, where hiking, birdwatching and photography are highly encouraged. For more information visit [NOHLC.org](http://NOHLC.org) or look for them on Facebook and Instagram. NOHLC uses the hashtag #natureworthpreserving.



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*Someone is sitting in the shade today because someone planted a tree a long time ago.*

*~Warren Buffet*

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*Serving Oakland County for 50 Years*

Oakland Conservation District

7150 Dixie Highway, Suite 2  
Clarkston, Michigan 48346

P: 248-922-7822

E: [OaklandConservation@gmail.com](mailto:OaklandConservation@gmail.com)

W: [OaklandConservationDistrict.org](http://OaklandConservationDistrict.org)

**ORDERS CLOSE: TUESDAY, APRIL 6<sup>TH</sup>**

**PLACE YOUR ORDER TODAY**

**QUANTITIES ARE LIMITED**

Order Online, By Fax Or Mail. Thank You For  
Supporting The Oakland Conservation District!  
The Oakland Conservation District!

**PICK UP DAY**

**SATURDAY, MAY 1st, 2021**

**10:00 a.m. - 2:00 p.m.**

**NO ONSITE SALES - ORDER PICK UP ONLY**

**NEW PICK UP LOCATION**

**1702 Scott Lake Rd Waterford, MI 48328**

**Located behind the Waterpark**

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