



# CONSERVATION UPDATE

*Your Land, Your Water, Your Michigan*

## 2018 ANNUAL REPORT Volume 51

### Board of Directors

**Matthew Koenn**, *Chairman*  
**Jill Dohner**, *Vice Chairman*  
**Julianne Chard**, *Secretary*  
**Howard Sias**, *Treasurer*  
**Don Rentschler**, *Director*

### District Staff

**Megan DeLeeuw**,  
*District Manager*

**Nick Machinski**,  
*MAEAP Technician*

### USDA

#### Natural Resources Conservation Service Staff

**Solomon Andrews**,  
*District Conservationist*

### Our Mission

*To educate and assist the people of Washtenaw County with the conservation and management of their natural resources.*

### Web

[www.washtenawcd.org](http://www.washtenawcd.org)

*Conservation Update is published annually in December and is available at no charge.*

*To be placed on the mailing list, phone or send a request with complete address to:*

**Washtenaw County CD**  
**7203 Jackson Road**  
**Ann Arbor MI 48103-9506**  
**Phone: (734) 205-1219**  
**[megan.deleeuw@macd.org](mailto:megan.deleeuw@macd.org)**

## 71<sup>st</sup> Annual Meeting Presentation on the Health of Michigan Urban Forests

### Dr. David Roberts Presents on the Health of Michigan Urban Forests

Our featured speaker for the evening will be Dr. David Roberts, retired from Michigan State University (MSU) in 2018 after committing four decades to advancing MSU's Land Grant Mission. He has published hundreds of articles and has taught lectures and workshops. Dr. Roberts has researched many issues in Michigan's plant industry, including Oak Wilt, Dutch Elm Disease, Diplodia Tip Blight of Pines, along with variety of cultural problems such as plant nutrition and herbicide toxicity.

During his career, he has discovered a variety of new diseases and pests such as Phomopsis Canker of Spruce and the first bacterial wilt disease of turfgrasses in North America. Dr. Roberts now serves as CEO of The Plant Doctor, LLC.

Dr. Roberts will discuss a variety of invasive species and pests plaguing Michigan's urban forests. Unknowingly, property owners are contributing to the demise of their trees. Several major maladies will be discussed, including the threat of Oak Wilt, the newly introduced Trellis Rust on pear and herbicide toxicity. Questions from attendees will be welcomed.

### Award Presentations

The meeting program will include presentations of the 2018 Conservation Farmer of the Year and Tree Conservationist of the Year awards. This will be the first year an award for Small or Beginning Farmer of the Year will be presented.

### District Director Election

All residents of Washtenaw County who are of legal age may vote in the election of one district director, by one of two methods following completion of a Voter Registration form and demonstration of residency by one piece of identification:

1.) *Absentee Ballots* can be completed by mail or at the Conservation District Office, during regular business hours, 8:00 a.m. to 4:00 p.m., Monday through Friday, by Wednesday, January 9<sup>th</sup>, 2019.

2.) *At the Annual Meeting* on January 10, 2019.

One candidate is running for one Director Position:

- Julianne Chard has lived in Washtenaw County for over 40 years. Chard is a licensed architect with certification in green building design. She is dedicated to educating the next generation on the importance of caring for local land and water quality through conservation and best practices.

### WCCD Annual Meeting Thursday, January 10, 2018

**6 p.m. 'Meet and Greet'**  
**featuring refreshments and appetizers donated by Zingerman's**

**6:30 p.m. Buffet dinner and program begins**

**Adults: \$12**  
**Children under 12: \$6**

**RSVP for dinner by January 7th**

## 2018 Conservation Farmer of the Year



Jerry and Jean Kuhl

The Washtenaw County Conservation District is pleased to present the 2018 “Walter Wolfgang Memorial” Conservation Farmer of the Year Award to Jerry and Jean Kuhl of Sharon Township.

Jerry and Jean are longtime residents of the Manchester and Chelsea areas, growing up on their family farms just miles apart from each other. Together they continue the legacy of the Kuhl farm. Jerry is now the fourth generation to run the farm since its founding in 1865. Over the generations the farm focused on raising various livestock (dairy cows, beef cattle, sheep, chickens and pigs), straw and other crops. Today, the Kuhls focus on a rotation of corn, soy and wheat.

Jerry is the first farmer in his family to introduce conservation practices. On a whim, fueled by curiosity and a desire to try new things, the Kuhls enrolled their land in the Conservation Stewardship Program (CSP) in 2015. On the lovely rolling hills of the farm, the Kuhls incorporate a variety of best management practices into their farm schedule. In addition to focusing on no-till methods, Jerry has implemented new practices through CSP.

The Kuhls use a controlled traffic system to prevent compaction and restrict heavy load traffic to specific lanes. GPS targeted spraying helps Jerry reduce nutrient and sediment runoff and conserve purchased resources. Plant tissue testing and analysis helps Jerry to improve nitrogen management by targeting the nutrient needs of the crop. High level Integrated Pest Management, leaving grain unharvested for wildlife and planting high residue cover crop mixtures are also incorporated practices.

The farm is truly a family effort. Over the years, the Kuhls have brought in their two children to help with planting and harvests and still continue to do so.

Jerry is currently the President of the Washtenaw County Dairy and Livestock Agricultural Banquet. When their children were younger and active in 4H, Jerry also served as the Superintendent of the Chelsea Lamb Club. The Kuhls have trialed seed test plots and hosted field days for the MI Corn and Soybean Growers Associations.

More recently, Jerry’s desire to try new things led him to investigate solar energy and installing solar panels in order to generate all of the energy needed on the farm. Harvest Energy Solutions installed a 7 kw system and more recently a second 11 kw system. A meter attached to the panels on the house shows metering moving backwards when the panels supply energy to the grid. On a sunny day, the meter runs very quickly into the negative. With the exception of drying grain, all of their farm equipment can be run at the same time off of energy produced from the panels if needed.



Centennial Farm sign posted outside of the house

In addition to working the farm, Jerry and Jean both maintain off-farm jobs. Jerry works at the Chrysler Proving Grounds in Chelsea and Jean works in Accounting at Chelsea Lumber. As the holidays approach, the Kuhls feel grateful for having completed the 2018 harvest. Before digging into preparations for 2019, the Kuhl’s hope to take a short break and spend Christmas with the family.

## 2018 Tree Conservationist of the Year



Dan and Norma Green

To recognize excellent tree planting efforts, the Washtenaw County Conservation District is pleased to present the 2018 Tree Conservationist Award to Norma and Dan Green of Scio Township. The Greens are receiving this award for over thirty years of dedicated service to rebuilding native habitat in the County.

When the Greens moved onto 42 acres of woods and meadow, they began growing and marketing shiitake mushrooms, organic vegetables, rhubarb, and flowers. Green Acres Farm became certified organic and sold mushrooms and produce to stores and restaurants. Old age caught up with them, and they are no longer a farm business.

Green Acres is predominantly oak-hickory forest, old farm fields, hedgerows, and wetlands. As they focused on marketing crops, the Greens were simultaneously working to revive these diverse habitats. The many existing tree species included many ash trees, most of which have died due to the emerald ash borer. Other native species, mostly oak, hickory and walnut are replacing them, due to diligent tree planting by squirrels.

With such a diversity of habitat on their property, the Greens have focused on increasing the variety of species and preventing further erosion on the hilly terrain. The first project was the recovery of an eroded

hillside, washing downhill due to poor farming practices. After spreading manure from a neighboring horse farm, they planted rye to stabilize the soil. Their first order from the WCCD was 400 white and red oak to plant there. Despite continuous pruning by a growing deer population, many of those trees have become majestic in size. Others are still struggling to get above the browse line. Their resilience is amazing! After that initial planting, the Greens planted spruce and white pine, now towering evergreen groves. Other tree and shrub species introduced over the years are tulip trees, flowering and alternate-leaved dogwood, sweetgum, pawpaw, chestnut, spice bush, witch hazel, Kentucky coffee tree, chinkopin oak, and the rare chestnut oak, among others. There are now 10 species of oak at Green Acres. Some of the farm fields are mowed to encourage prairie restoration and diversity of habitat, with many native grasses and wildflowers provided by WCCD.

The Green's land has seen other improvements over the years to increase wildlife habitat. They received help to restore a small wetland from the U.S. Fish and Wildlife Service. Jay Snyder, a wildlife biologist and forester, drew up a Forest Stewardship plan. He planned and supervised a large wetland project to increase waterfowl habitat, funded by the Michigan Wildlife Conservancy. Many friends have contributed seedlings, seeds, help, and encouragement over the years.

Due to the support of Scio Township's Land Conservancy commission and its consultant, Barry Lonik, thirty-eight acres of Green Acre Farm are part of the Conservation Reserve Program (CRP) and feature walking trails through the various habitats. Walking these trails, it is easy to witness the evidence of years of commitment to tree, shrub, and wildflower planting. Large white pine, spruce, oak and hickory tower from above. Birds are prevalent and busy sourcing food and preparing for winter. Spring brings the din of frogs in the wetlands. The entire property serves as an active wildlife corridor running north and south along a vernal stream that connects to Honey Creek. The east west corridor features continuous woods, a boon to the songbirds that need those woods and edges to flourish.

The Greens will soon be turning Green Acres over to their daughter and her family to continue the work of restoring this beautiful resource for our county and its citizens. It is clear that Green Acres Nature Preserve will continue to nurture wildlife for years to come.



## 2018 Small or Beginning Farmer of the Year



Tom and Cathy Shurmur 2018

The Washtenaw County Conservation District is pleased to present the first annual 2018 Small or Beginning Farmer of the Year Award! This award will celebrate the efforts of both small farmers that cultivate 10 acres or less and/or beginning farmers who are in their first 10 years of farming. Washtenaw County has a diversity of established and new farming families and we recognize the importance of all farming models for the long-term health of our natural resources.

Cathy and Tom Shurmur of Shurmur Farms are the first annual recipients of the Small or Beginning Farmer of the Year Award! Tom and Cathy have committed themselves to growing a small and diverse farm while building soil health and feeding their family.

Tom and Cathy are software engineers by trade, who moved from Ann Arbor to Dexter six years ago. Cathy, always a prolific gardener, had cultivated every inch of space in their yard in Ann Arbor. The desire for more space to grow initiated the move to a home with acreage. The Shurmurs found a perfect location that allowed Tom to continue working as a software engineer while allowing Cathy to expand her garden. In only a few short years, Cathy expanded that growing space to include one 30x72' hoop house, field space for growing crops and a vermiculture operation. Although Shurmur Farms was not initially intended to become a business, Cathy has grown the operation by connecting with customers at various farmers markets (Dexter, Ann Arbor), Argus Farm Stop and through a workplace CSA based in Ann Arbor. Although they actively sell their products, Tom and Cathy affirm that "we are our #1 customer" –making sure to put up plenty of strawberries and feed themselves and their children and grandchildren.

Tom and Cathy grow a variety of crops on 10 acres including: garlic, flowers, strawberries, tomatoes, greens, lettuces, trellised luffa and various herbs. Cathy has learned to focus on field crops that the deer do not prefer and plant more susceptible crops within the deer fence area or hoop house. The Shurmurs also dedicate acreage to growing cover crops meant for green manure and/or making compost on site. All nutrient needs have been produced on the farm in the form of green manure cover crops and vermicompost application.

The Shurmurs completed a conservation plan and applied for funding through NRCS's EQIP program to partially fund the hoop house, brush management and cover crops. The Shurmurs are members of the Michigan Farm Bureau, the newly formed, Michigan Flower Growers Cooperative and are Certified Organic through Ohio Ecological Food and Farming Association (OEFFA). They earned a Farmstead and Cropping System MAEAP verifications in 2017.



Tom and Cathy Shurmur Fall 2018

What is next for Shurmur Farms? Tom and Cathy hope to continue to focus on increasing efficiency on the farm. Coming from data-driven backgrounds, Tom and Cathy are always looking to capture information that will help them to improve their farming systems. They will also focus on learning the nuances of growing crops in the hoop house year round. Tom imagines a time in which they will be able to remotely monitor soil moisture and temperature in addition to their existing automatic opening and closing of the hoop house sides.

## 2018 NRCS Highlights

By Solomon Andrews, District Conservationist

The NRCS Ann Field office had a great 2018 year doing conservation planning and making sure conservation was applied on the ground. The amount of conservation planning has increased over the last couple years, which has increased the number of program participants. The field office completed over 2700 acres of conservation planning. The conservation practices involved in the conservation planning for 2018 included Seasonal High Tunnel, Cover Crop, Conservation Cover, Grazing System, Forestry Management practices, just to name a few.

Most of the conservation practices were cost-shared under the EQIP program. NRCS received forty five EQIP applications from agricultural producers. Twenty applications received funding in 2018. The Ann Arbor field office is looking to increase to number of conservation planning acres in 2019 with a focus on the Western Lake Erie Basin.

## 2018 WCCD Highlights

By Megan DeLeeuw, District Manager

2018 marked the 70<sup>th</sup> year that the Conservation District (WCCD) has been assisting Washtenaw County landowners with the conservation and management of natural resources. Over the course of 2018, the District said goodbye to former District Manager, Dennis Rice, and welcomed both myself as the new District Manager and Nick Machinski as the new MAEAP Technician.

In addition to getting up to speed on all aspects of our respective positions, we completed a variety of outreach events, provided technical assistance and distributed thousands of conservation plants, materials and tools. A few new events from FY 2018 included Coffee and Conservation talks, a Farm Tour of Washtenaw County which highlighted MAEAP verified farms, and several water testing events. The information below provides a statistical picture of the activities and assistance provided by the District in FY 2018.

### District Technical Assistance Provided October 1, 2017- September 20, 2018

TECHNICAL & OTHER ASSISTANCE	
General Conservation Assistance Provided	447
Forestry & Wildlife Assistance Provided	47
Trees, Plants & other items Distributed & Number of Orders Received	45,951 752
Fish Day: Number of Orders Received & Number of Fish / Gallons of Minnows	37 1,808 / 42
Rain Barrels Sold	51
Tumbling Composters Sold	6
MAEAP Crop *A*Systs Completed	11
MAEAP Farmstead & Livestock *A*Systs Completed	12
MAEAP Verifications & Re-verifications Completed	25
TECHNICAL REVIEWS AND/OR APPROVALS	
MDEQ Public Notices Reviewed	10
PA116 Farmland Agreements Reviewed	7
NRCS Conservation Plans Reviewed & Acres	20/ 1,390
EDUCATIONAL	
E-Conservation Update Issues	11
Presentations and Events: (# / # of participants)	10/ 146
News Releases or Radio Public Service Announcements Distributed	7

### FY2018 Financial Statement

REVENUES	
State Western Lake Erie Basin MAEAP Grant	\$66,475
County Appropriation	\$30,000
Conservation Sales	\$95,588
Charges for Services	\$15,454
Interest	\$6
Other Revenues	\$970
<b>TOTAL REVENUES:</b>	<b>\$208,494</b>
EXPENDITURES	
Operations Expenses	\$75,451
Tree & Plant Sales Program Expenses	\$53,771
Western Lake Erie Basin MAEAP Expenses	\$63,183
<b>TOTAL EXPENDITURES:</b>	<b>\$192,403</b>
<b>EXCESS OF REVENUES OVER EXPENSES</b>	<b>\$16,092</b>
<b>BEGINNING FUND BALANCE</b> as of October 1, 2017	<b>\$ 71,770</b>
<b>ENDING FUND BALANCE</b> as of September 30, 2018	<b>\$ 87,862</b>

# 2018 MAEAP Report

By Nicholas Machinski, MAEAP Conservation Technician



Tom and Vicky Zilke

The Michigan Agriculture Environmental Assurance Program (MAEAP) is a voluntary and confidential program created by a coalition of state officials, agricultural commodity groups and environmentalists. Its purpose is to provide farmers a way to remedy environmental concerns on their property and to help them conform to the Generally Accepted Agricultural Management Practices created by the State of Michigan. Farms of all sizes can participate in MAEAP and work with local technicians to accomplish environmental verification recognized by the state, the agricultural community and general public.

FY 2018 was a great year MAEAP in Washtenaw County. With working over a year in the county now, I have had a chance to settle in and work with dozens of producers to help them achieve environmental verification.

Though the program is confidential, many farmers choose to show to the public the efforts they are taking to make sure their farm operates as environmentally sound as possible. The following farms achieved verification in at least one new system this fiscal year:

- |                  |                |
|------------------|----------------|
| Shurmur Farms    | Kelly Holden   |
| Shanahan Farms   | Baseline Farms |
| Coleman's Farm   | Hand Sown Farm |
| M.H. Koenn Farms |                |

Verifications are good for five years. After five years, a MAEAP technician meets with the farmer to make sure their farm is still following MAEAP standards. The following farms were re-verified this fiscal year:

- |                       |              |
|-----------------------|--------------|
| Great Lakes Bentgrass | Zilke Farms  |
| Dyer Family Farm      | Selter Farms |

In 2019 MAEAP will reach 5,000 verifications. To celebrate this achievement, a celebration will be held on March 21, 2019 from 10am-3pm at 333 E. Michigan Avenue Lansing, MI, 48933. Lunch will be provided and speakers will be present. This is a celebration of what MAEAP verified farms have achieved and all verified farms are invited to attend.

For more information about MAEAP or how your farm can become MAEAP-verified, contact me at: (734) 205-1218 or [nicholas.machinski@mi.nacdnet.net](mailto:nicholas.machinski@mi.nacdnet.net).

## FY 2018 Washtenaw County Accomplishments

ITEM	# COMPLETED
Risk Reduction Practices	202
MAEAP Farmstead System Verifications	8
MAEAP Cropping System Verifications	11
MAEAP Livestock System Verifications	4
MAEAP Habitat System Verifications	2

In addition to working with producers, the following activities were accomplished:

- MAEAP Farm Tour highlighting three verified farms
  - Selter Farms
  - Rochowiak Farms
  - Zilke Farms
- Hosting of two Pesticide Review Classes with Michigan State University Extension
- Partnering with students from Eastern Michigan University to host a well water testing event
- Collected well water samples for Michigan Agricultural Department and Rural Development
- Collected soil, compost and manure samples to send to a lab to determine nutrient content.
- Attended the Farm Bureau Annual Meeting, Great Lakes Expo, and summer meeting of the Michigan Association of Conservation Districts.
- Provided support materials for producers applying for funding

# 2019 SPRING TREE & NATIVE PLANT SALES

Your purchases support conservation work by the Washtenaw County Conservation District. Trees and plants are intended for conservation uses: reforestation, soil erosion control, windbreaks, screens, landscape naturalizing and wildlife habitat improvements. It is unlawful for these trees, shrubs and other plants to be resold with the roots attached, in accordance with the Insect Pest and Plant Disease Act, P.A. 189 of 1931.

## TO PLACE AN ORDER

Remove and complete the "2019 Spring Tree Order Form" and/or the "Spring 2019 Native Plants Pre-Order Form" from the center of this catalog and submit with **FULL PAYMENT (check or money order)**, including **SALES TAX** to the District Office by the order deadlines listed below. Orders can also be placed directly on the District website using credit card: [www.washtenawcd.org](http://www.washtenawcd.org). **No phone OR in-person orders accepted.** However, completed orders with payment may be delivered in person to the office. Please contact Megan DeLeeuw with any questions (contact below).

Inventories are limited and orders will be filled on a first-come, first-served basis while supplies last. Order early for best availability. *The District reserves the right to cancel orders and refund payments due to crop failures or other reasons beyond our control.*

## REFUND POLICY

**Trees and plants will be delivered in good condition. The District does not guarantee survival of trees and plants. District liability ends after trees or plants are presented to the buyer at pick up.** Orders cancelled 10 days prior to order deadline will receive a full refund. No refunds will be given on orders not picked up. If unable to pick up pre-orders during sale days, arrangements MUST be made prior to the sale dates. The WCCD has very limited office space for storage and will make few exceptions for pick up outside of sale dates. Contact Megan DeLeeuw for special arrangements at 734.205.1219, [megan.deleeuw@macd.org](mailto:megan.deleeuw@macd.org).

### TREE & SHRUB SALE Order deadline March 22<sup>nd</sup>

Tree and shrubs will be sold mostly on a pre-order basis. Orders may be submitted through March 22<sup>nd</sup>. Any extra inventory will be sold on the second day of the sale (see details below).

#### Pick up dates:

Friday, April 26<sup>th</sup> 1-6 p.m.

Saturday, April 27<sup>th</sup> 9-10:30 a.m.

#### Location:

Washtenaw Farm Council Grounds, 5055 Ann Arbor-Saline Road (3 miles south of I-94, Exit #175).

#### Extra Trees & Shrubs:

Any extra trees will be sold on Saturday, April 27<sup>th</sup> starting at 10 a.m. at the Farm Council Grounds. You will need to obtain a number card prior to the sale of extra trees during the tree pick-up times on Friday and Saturday.

### NATIVE PLANT EXPO & MARKETPLACE Pre-order deadline April 27<sup>th</sup>

Our native plant offerings are expanding this year! We are offering both pre-ordered and day-of sales. Plants sold as pre-orders are from Designs by Nature exclusively and will be accepted through April 27<sup>th</sup>. All pre-orders will be picked up during the Native Plant Expo and Marketplace.

The Native Plant Expo & Marketplace will host several companies specializing in native plants and seeds as well as landscaping companies and non-profit organizations focused on native plant landscapes. There will be ample opportunity to purchase additional plants, seeds and services.

#### Expo Date:

Saturday, June 1<sup>st</sup>, 9 a.m.-2 p.m.

#### Location:

Washtenaw Farm Council Grounds

USE	SHRUBS	CONIFERS	HARDWOODS	TREES/ACRE BY SPACING		
Erosion Control	6' X 6'	6' X 6'	NA			
Reforestation	NA	Min. 10' X 10'	Min. 12' X 12'	6' X 6'	1,210/Ac.	8' X 8'
Windbreaks: at least 1 row of shrubs, 2 rows of conifers	6 - 10' between shrubs	15 - 20' between trees & rows	NA	8' X 10'	545/Ac.	10' X 10'
				10' X 12'	363/Ac.	12' X 12'
						681/Ac.
						436/Ac.
						300/Ac.



3-yr. old pine transplant (left) vs. a 2-yr. old seedling (right).

## WHAT IS THE DIFFERENCE BETWEEN CONIFER SEEDLINGS AND TRANSPLANTS?

Conifer seedlings are 2-years old and are a good choice for larger plantings as they require smaller planting holes and are easier to plant with a shovel or planting bar. They can also be planted in a nursery bed for a year to two to gain additional size before planting in their permanent location.

Transplants are 3 or 4-years old and have been moved to another planting bed at the tree nursery to allow more root and stem development. This makes them a good choice when planting fewer trees, filling in spots where previously planted trees have died, or when you just want to start with larger trees.



3-yr. old spruce transplant (left) vs. a 2-yr. old seedling (right).

## FRUIT TREES & BERRY PLANTS

Trees are bare-root, semi-dwarf, 5-6 feet tall, 1/2 - 3/4" caliper and should bear fruit in 3-5 years.

**POLLINATION:** For proper pollination, apples need at least two trees of different varieties; cherries and peaches are self-fertile and pears are partially self-fertile.

<b>APPLES</b>	
<b><i>Gala</i></b>	One of the finest eating apples there is. The yellowish flesh is crisp, juicy and fine tasting. It can be used for all purposes. Ripens in September.
<b><i>Granny Smith</i></b>	Crisp, tart, juicy flavor and outstanding keeping qualities. Used for cooking, baking and fresh eating. In Zone 5 or colder let fruit hang as long as possible for better condition—when green background color turns a little yellowish it is mature and ready to pick. Ripens in late October – early November.
<b><i>Honeycrisp</i></b>	Crisp, sweet & juicy flavor. Brilliant red with some striping to mostly red-striped over a straw yellow background color when ready to pick. Very hardy and productive. Keeps well when picked in peak condition. Harvest in mid-September.
<b>CHERRIES (dark sweet)</b>	
<b><i>Black Gold</i></b>	Sweet, dark red cherry with firm red flesh. Good for eating out of hand and canning. Self-pollinating so only one tree is needed. Late blooming, and somewhat frost resistant.
<b>PEACHES</b>	
<b><i>Red Haven</i></b>	One of the easiest and tastiest peaches to grow. Hardy and very productive. Large, freestone fruit, very juicy and sweet. Good for pies, canning, cooking or baking. Ripens in June to July.
<b>PEARS</b>	
<b><i>Bartlett</i></b>	Large-size fruit, golden-yellow, tender, juicy flesh. Excellent for canning and desserts. Trees are strong growing with a tendency for compact, upright growth. Ripens in September.
<b>OTHER TREE FRUIT</b>	
<b><i>Paw Paw, Common</i></b>	Largest fruit native to North America. Fruit weighs from 4 oz to 1 Lb each. Flavor and texture like banana custard. Trees prefer moisture and can tolerate full shade. Cross pollination when plants are 15-25' apart.
<b><i>Persimmon, Common</i></b>	Grow in a variety of soils, including clay, sand, dry or wet. Trees begin producing in 6-10 years.
<b><i>Plum, American Wild</i></b>	Shorter tree that tends to grow in shrubby form. Great for controlling soil erosion. Fruiting typically begins in year 3 and produces prolific but variable fruit.
<b>BERRY PLANTS</b>	
Plants are bare-root. Require a minimum of 6-8 hours of sunlight, early morning preferred. Plant on well-drained soils. <u>Spacing for Blackberries:</u> 3-4' between plants in row, 8-12' between rows. <u>Spacing for Raspberries:</u> 12-18" between plants in row, 8-12' between rows.	
<b><i>Blackberry, Chester</i></b>	Winter hardy and productive. Thornless stems produce large, firm fruit that ripens in early to mid-August. Bear one year after planting. Fruit has good flavor and does not soften or lose its shiny black color in hot weather. Plants are vigorous and show resistance to cane blight. Soil pH of 6.5 to 6.8 recommended.
<b><i>Raspberry, Prelude</i></b>	Very winter hardy and vigorous producing medium to large, fairly firm and very good flavored fruit that ripens in mid-June. Bear one year after planting. Also fall-bearing, but biggest crop in the spring. Soil pH of 6.5 to 6.8 recommended.



Mail Form with check or money order to: Washtenaw County CD 7203 Jackson Rd Ann Arbor, MI 48103

Order online with credit card: [www.washtenawcd.org](http://www.washtenawcd.org)

## 2019 SPRING TREE ORDER FORM

<b>NAME:</b>						<b>PHONE:</b>					
<b>ADDRESS:</b>						<b>EMAIL:</b>					

CONIFER SEEDLINGS	AGE	SIZE	25	50	100	200	500		QTY	COST
01 Eastern White Pine	2	5-10"	\$15	\$25	\$45	\$80	\$190			
02 White Spruce <b>NEW</b>	2	6-12"	\$15	\$25	\$45	\$80	\$190			
03 Larch/Tamarack <b>NEW</b>	2	6-12"	\$20	\$30	\$50					

CONIFER TRANSPLANTS	AGE	SIZE	1	10	30	50	100	200	500	QTY	COST
04 White Cedar	4	10-16"	\$3.50	\$30	\$50	\$70	\$110	\$190	\$460		
05 Balsam Fir	4	10-16"	\$3.50	\$30	\$50	\$70	\$110	\$190	\$460		
06 White Pine	4	8-14"	\$3.50	\$30	\$50	\$70	\$110	\$190	\$460		
07 Norway Spruce	3	12-18"	\$3.50	\$30	\$50	\$70	\$110	\$190	\$460		
08 White Spruce	3	12-18"	\$3.50	\$30	\$50	\$70	\$110	\$190	\$460		
09 Larch/Tamarack <b>NEW</b>	4	24-36"	\$3.50	\$30	\$50	\$70	\$110	\$190			

TRANSPLANT BUNDLE (Transplants ONLY in multiples of 10)	30	50	100	SPECIES and QTY	COST
Order 30, 50 or 100 transplants and "mix & match", MULTIPLES OF 10 ONLY. <i>Example order of 50: White cedar, 20 White Pine, 20 Larch, 10 White Spruce. Cost:\$70</i>	\$50	\$70	\$110		

DECIDUOUS HARDWOODS	AGE	SIZE	1	10	25	50	100		QTY	COST
10 Sugar Maple	1	6-12"	\$2.50	\$20	\$30	\$45	\$70			
11 Black Oak <b>NEW</b>	2	18-24"	\$3.50	\$25	\$35	\$50	\$75			
12 Hybrid Poplar	1	24-36"	\$3.50	\$25	\$35	\$50	\$75			
13 Black Gum <b>NEW</b>	1	18-24"	\$3.50	\$25	\$35	\$50	\$75			
14 Serviceberry, Alleghany	1	18-24"	\$3.50	\$25	\$35	\$50	\$75			
15 American Chestnut <b>NEW</b>	1	18-24"	\$4.50	\$35	\$85	\$130	\$235			
16 Chinese Chestnut <b>NEW</b>	1	18-24"	\$3.50	\$25	\$35	\$50	\$75			

HARDWOOD BUNDLE (multiples of 25 – NO CHESTNUT)	50	75	100	SPECIES and QTY	COST
Order 50, 75 or 100 hardwoods and "mix & match" varieties IN MULTIPLES OF 25 ONLY. <i>Example order of 100: 25 Black gum, 25 Black Oak, 25 Sugar maple, 25 Poplar. Cost:\$75</i>	\$50	\$65	\$75		

WILDLIFE SHRUBS	AGE	SIZE	1	10	25	50	100		QTY	COST
17 Winterberry <b>NEW</b>	1	6-12"	\$2.50	\$10	\$20	\$30	\$45			
18 Elderberry, American	1	18-24"	\$3.50	\$15	\$30	\$50	\$75			
19 Hazelnut	1	18-24"	\$3.50	\$15	\$30	\$50	\$75			
20 Lilac, common	1	18-24"	\$3.50	\$15	\$30	\$50	\$75			
21 Ninebark <b>NEW</b>	1	18-24"	\$3.50	\$15	\$30	\$50	\$75			

SHRUB BUNDLE (multiples of 25)	50	75	100	SPECIES and QTY	COST
Order 50, 75 or 100 shrubs and "mix & match" varieties IN MULTIPLES OF 25 ONLY. <i>Example order of 100: 25 Ninebark, 25 Elderberry, 50 Serviceberry Cost:\$70</i>	\$50	\$60	\$70		

FRUIT TREES <i>all bare root</i>	SIZE		NOTES	PRICE EA:	QTY	COST
22 Apple, Gala	3/4"	5-6'	Two varieties for pollination, EMLA rootstock	\$22.00		
23 Apple, Granny Smith	3/4"	5-6'	Two varieties for pollination, EMLA rootstock	\$22.00		
24 Apple, Honeycrisp	3/4"	5-6'	Two varieties for pollination, EMLA rootstock	\$22.00		
25 Cherry, Stella	3/4"	5-6'	Self-fertile, MAZZARD	\$22.00		
26 Peach, Red Haven	3/4"	5-6'	Self-fertile, From seed	\$22.00		
27 Pear, Bartlett	5/8"	5-6'	Partially self-fertile, OHXF 87	\$22.00		
28 Persimmon		3-4'	Self-fertile	\$15.00		
29 Plum, American Wild		3-4'	Self-fertile	\$15.00		
30 Paw Paw		18-24"	Requires at least 2 to pollinate	\$12.00		

BERRY PLANTS				PRICE PER BUNDLE:			QTY	COST
31 Blackberries, Chester	5/\$20	10/\$35	25/\$80					
32 Raspberries, Prelude	5/\$15	10/\$25	25/\$55					

LARGER TREES				PRICE EA:			QTY	COST
33 Swamp White Oak <b>NEW</b>		3-4'	\$15					
34 Yellow Birch <b>NEW</b>		2-3'	\$12					
35 White Flowering Dogwood		3-4'	\$15					

TREE & SHRUB PACKETS				NOTE: substitutions may occur depending on nursery availability		PRICE EA	QTY	COST
36 Beauty Packet (10 trees & shrubs)	Sargent Crab, Serviceberry, Lilac, Dogwood, Chokeberry		12-18"	\$22				
37 Wetland Packet (10 trees & shrubs)	Buttonbush, Nannyberry, Willow, River Birch, Spicebush		12-18"	\$22				

PLANTING AIDS	PRICE EA:	BULK PRICING:				QTY ORDERED	COST
Tree Shelters 4 foot tall- for hardwoods	\$3.25						
Tree Stakes 5-foot fiberglass tree stakes	\$2						
Weed Mats w/ 5 staples	\$2	10/\$17	30/\$49	50/\$79	100/\$154		
Plantskydd Repellent- 1 Qt. Liquid Spray	\$23						
Plantskydd Repellent- 1 Lb. Box Powder	\$25						
Plantskydd Repellent- 3 Lb. Shaker Bag	\$24						
Marking Flags	N/A	10/\$2	25/\$5	50/\$9	100/\$16		
Fertilizer Tablets	\$0.25/EA	5/\$1	25/\$4.50	50/\$7.50	100/\$10		
Root Dip	\$2/ 2 OZ						

<p style="text-align: center;">OFFICE USE ONLY</p> <p>ORDER # _____</p> <p>Date Rec'd: _____ \$ Rec'd: _____</p> <p>CK # _____ Cash ___ CC ___ Bal. Due: _____</p> <p>Refund: _____</p>	<p style="text-align: center;">TOTAL BOTH SIDES BELOW &amp; ADD SALES TAX, THEN COMPLETE "PAYMENT METHOD" BOX BELOW</p> <table border="1" style="width: 100%;"> <tr> <td>SUBTOTAL</td> <td></td> </tr> <tr> <td>ADD 6% SALES TAX</td> <td></td> </tr> <tr> <td>TAX DEDUCTIBLE DONATION</td> <td></td> </tr> <tr> <td><b>TOTAL</b></td> <td></td> </tr> </table>	SUBTOTAL		ADD 6% SALES TAX		TAX DEDUCTIBLE DONATION		<b>TOTAL</b>	
SUBTOTAL									
ADD 6% SALES TAX									
TAX DEDUCTIBLE DONATION									
<b>TOTAL</b>									

**PAYMENT METHOD**

- Check or Money Order, payable to: Washtenaw County CD
  Credit/Debit Card (please order on website: [www.washtenawcd.org](http://www.washtenawcd.org) or call Megan below )

Please contact District Manager, Megan DeLeeuw, with questions: 734.205.1219 or [megan.deleeuw@macd.org](mailto:megan.deleeuw@macd.org)

Mail Form with check or money order to: Washtenaw County CD 7203 Jackson Rd Ann Arbor, MI 48103

Order online with credit card: [www.washtenawcd.org](http://www.washtenawcd.org)

## 2019 NATIVE PLANTS PRE-ORDER FORM

**\*\*Deadline Saturday, April 27th Pick-up at Native Plant Expo on June 1st\*\***

*All native plants available for pre-order are grown by Designs By Nature, LLC.*

A list of additional vendors selling plants and seeds day-of the Native Plant Expo included in this report

NAME:				PHONE:		
ADDRESS:				EMAIL:		
COMMON NAME	SCIENTIFIC NAME	SIZE	PRICE EA		QTY	COST
<b>GRASSES</b>						
Big bluestem	Andropogon gerardii	4 1/2" pot	\$4.50			
Bottlebrush grass	Hystrix patula	4 1/2" pot	\$4.50			
Canada wild rye	Elymus canadensis	4 1/2" pot	\$4.50			
Indian grass	Sorghastrum nutans	4 1/2" pot	\$4.50			
June grass	Koeleria cristata	4 1/2" pot	\$4.50			
Little bluestem	Schizachyrium scoparium	4 1/2" pot	\$4.50			
Prairie cod grass	Spartina pectinata	4 1/2" pot	\$4.50			
Prairie dropseed	Sporobolus heterolepis	4 1/2" pot	\$4.50			
Purple Top	Triodia flava	4 1/2" pot	\$4.50			
Side oats grama	Bouteloua curtipendula	4 1/2" pot	\$4.50			
Sweet grass	Hierochloe odoratum	4 1/2" pot	\$4.50			
Switch grass	Panicum virgatum	4 1/2" pot	\$4.50			
<b>WILDFLOWERS</b>						
Bergemot	Monarda fistulosa	4 1/2" pot	\$4.50			
Black-eyed susan	Rudbeckia hirta	4 1/2" pot	\$4.50			
Blue vervain	Verbena hastata	4 1/2" pot	\$4.50			
Boneset	Eupatorium perfoliatum	4 1/2" pot	\$4.50			
Butterfly weed	Asclepias tuberosa	4 1/2" pot	\$4.50			
Cardinal flower	Lobelia cardinalis	4 1/2" pot	\$4.50			
Compass plant	Silphium laciniatum	4 1/2" pot	\$4.50			
Culver's root	Veronicastrum virginicum	4 1/2" pot	\$4.50			
Cup plant	Silphium perfoliatum	4 1/2" pot	\$4.50			
False boneset	Khunia eupatorioides	4 1/2" pot	\$4.50			
False dragon head	Phytostegia virginiana	4 1/2" pot	\$4.50			
Foxglove beard tongue	Penstemon digitalis	4 1/2" pot	\$4.50			
Gray headed coneflower	Ratibida pinnata	4 1/2" pot	\$4.50			
Golden alexanders	Zizia aurea	4 1/2" pot	\$4.50			
Great blue lobelia	Lobelia siphilitica	4 1/2" pot	\$4.50			
Hairy beard tongue	Penstemon hirstus	4 1/2" pot	\$4.50			
Hoary vervain	Verbena stricta	4 1/2" pot	\$4.50			
Horsemint	Monarda punctata	4 1/2" pot	\$4.50			
Ironweed	Vernonia missurica	4 1/2" pot	\$4.50			
Jacob's ladder	Polemonium reptans	4 1/2" pot	\$4.50			
Joe pye weed	Eupatorium maculatum	4 1/2" pot	\$4.50			
Lead Plant	Amorpha canescens	4 1/2" pot	\$4.50			
New Jersey Tea	Ceanothus americanus	4 1/2" pot	\$4.50			
Nodding wild onion	Allium cernuum	4 1/2" pot	\$4.50			
Northern Blazingstar	Liatris scariosa	4 1/2" pot	\$4.50			
New England aster	Aster novae-angliae	4 1/2" pot	\$4.50			

COMMON NAME	SCIENTIFIC NAME	SIZE	PRICE EA		QTY	COST
<b>WILDFLOWERS cont'd</b>						
Marsh blazing star	Liatris spicata	4 1/2" pot	\$4.50			
Prairie coreopsis	Coreopsis palmata	4 1/2" pot	\$4.50			
Prairie dock	Silphium terebinthinaceum	4 1/2" pot	\$4.50			
Prairie smoke	Geum triflorum	4 1/2" pot	\$4.50			
Pale purple coneflower	Echinacea pallida	4 1/2" pot	\$4.50			
Purple coneflower	Echinacea purpurea	4 1/2" pot	\$4.50			
Rattlesnake master	Erygium yuccifolium	4 1/2" pot	\$4.50			
Rosin weed	Silphium integrifolium	4 1/2" pot	\$4.50			
Rough blazing star	Liatris aspera	4 1/2" pot	\$4.50			
Round leaf ragwort	Senecio obovatus	4 1/2" pot	\$4.50			
Sand tickseed	Coreopsis lanceolata	4 1/2" pot	\$4.50			
Showy coneflower	Rudbeckia fulgida	4 1/2" pot	\$4.50			
Showy goldenrod	Solidago speciosa	4 1/2" pot	\$4.50			
Sky blue aster	Symphotrichum oolentangiense	4 1/2" pot	\$4.50			
Spiderwort	Tradescantia ohiensis	4 1/2" pot	\$4.50			
Stiff goldenrod	Solidago rigida	4 1/2" pot	\$4.50			
Swamp milkweed	Asclepias incarnata	4 1/2" pot	\$4.50			
Sweet black-eyed susan	Rudbeckia sbmentosa	4 1/2" pot	\$4.50			
Tall coreopsis	Coreopsis tripteris	4 1/2" pot	\$4.50			
Thimbleweed	Anemone cylindrical	4 1/2" pot	\$4.50			
Western sunflower	Helianthus occidentalis	4 1/2" pot	\$4.50			
White turtlehead	Chelone glabra	4 1/2" pot	\$4.50			
Wild blue iris	Iris versicolor	4 1/2" pot	\$4.50			
Wild columbine	Aquilegia canadensis	4 1/2" pot	\$4.50			
Wild lupine	Lupinus perennis	4 1/2" pot	\$4.50			
Wild petunia	Ruellia humilis	4 1/2" pot	\$4.50			
Wild senna	Cassia herbacarpa	4 1/2" pot	\$4.50			
Woodland sunflower	Helianthus divaricatus	4 1/2" pot	\$4.50			
<b>GARDEN KITS</b> Each kit is made up of a full flat of 38, 2" plugs. Comes with design for 4'x10' garden.					<b>QTY</b>	<b>COST</b>
Available Kits: Butterfly, Grass, Wildflower, Rain Garden, Pollinator, Shade, Monach Way Station. Specific species will vary depending on availability. Mix of 10-15 species per kit. Includes design for 4'x10'.		full flat only	\$75	Specify kits requested:		
<b>BULK 2" PLUGS FOR ANY WILDFLOWER or GRASS SPECIES IN FULL FLATS (38 plants total)</b>					<b>QTY</b>	<b>COST</b>
Please select which species you would like in a 38-plug flat. Each flat can only contain one species.		full flat only	\$70	Species requested:		
<b>OFFICE USE ONLY</b> ORDER # _____  Date Rec'd: _____ \$ Rec'd: _____ CK # _____ Cash ___ CC ___ Bal. Due: _____ Refund: _____		TOTAL FROM ABOVE & ADD SALES TAX, THEN COMPLETE "PAYMENT METHOD" BOX BELOW				
		SUBTOTAL (BOTH SIDES)				
		ADD 6% SALES TAX				
		TAX DEDUCTIBLE DONATION				
		<b>TOTAL</b>				

**PAYMENT METHOD**

Check or Money Order, payable to: Washtenaw County CD



Credit/Debit Card (please order on website: [www.washtenawcd.org](http://www.washtenawcd.org) or Call Megan)

Please contact Megan DeLeeuw with questions: 734.205.1219, or [megan.deleeuw@macd.org](mailto:megan.deleeuw@macd.org)




# TREE/SHRUB SELECTION GUIDE

A good root system must be developed before trees & shrubs reach their indicated growth rates. Most trees & shrubs grow slowly for 1-3 years after planting or transplanting and more rapidly after their root system becomes developed. Generally, trees & shrubs with Rapid to Moderate growth rates reach 5-6 feet tall in 7-9 years. Those with Moderate to Slow growth rates reach 5-6 feet tall in 9-11 years. Soils, weather, animal or other damage, weed and grass competition, and general care will also affect growth rates.

Tree/Shrub Information Chart	Growth Rate			Soils			Soil Moisture				Shade Tolerance			Mature Height In Feet	Common Uses & Characteristics										Origin I = Introduced, N = Native	Deer Damage Potential L = Low, M = Medium, H = High	Notes							
	Rapid 10-15" yr.	Moderate 6-12" yr.	Slow 0-8" yr.	Sand	Loam	Clay	Dry-Moist	Moist	Moist-Wet	Wet	Full sunlight	Partial Shade	Full Shade		Christmas Trees	Erosion Control	Flowering or Fall Color	Lumber/Veneer	Naturalizing	Reforestation	Shade	Wildlife	Windbreaks											
																																		
Species																																		
White Cedar			X	X	X		X	X	X	X	X	X				X					X	X		N	H								Also called Arborvitae.	
White Pine	X			X	X		X	X	X		X	X			X	X		X			X	X		N	H								Needles soft to touch.	
Larch/Tamarack	X	X			X	X		X	X		X	X				X		X			X		N	L									Loses needles in winter, NRCS approved	
Norway Spruce	X	X			X	X	X	X	X		X	X			X						X	X	I	L										
Balsam Fir			X	X	X	X		X	X		X	X	X		X			X			X	X	N	H									Christmas trees, NRCS approved	
White Spruce		X	X		X	X	X	X	X		X	X			X	X					X	X	N	L									NRCS approved	
Yellow Birch		X	X	X	X			X	X		X					X				X		N	H										Can be tapped edible syrup, NRCS approved	
Flowering Dogwood		X			X	X		X	X		X	X			X		X				X		N	M										
Serviceberry		X		X	X	X	X	X			X	X			X						X		N	H									Purple Berries	
Sugar Maple		X		X	X	X	X	X			X	X			X	X		X	X				N	H									Sap used for syrup	
Black Gum		X	X	X	X		X	X			X	X								X	X	N	L										Bee food source	
Black Oak		X			X	X	X	X			X									X	X	N	L											
Swamp White Oak		X			X				X	X	X					X				X	X	N	L										NRCS approved	
Hybrid Poplar	X			X	X	X	X	X	X		X									X	X	I	L										Firewood, short-lived	
Elderberry		X		X	X	X		X	X	X	X	X			X	X					X		N	M										Yellow-white flowers
Hazelnut	X	X			X	X	X	X	X		X	X					X				X		N	M										Small tree, nuts, NRCS approved
Lilac		X		X	X	X	X	X	X		X	X			X						X		I	M										Lavender blooms
Winterberry		X		X	X		X				X	X			X					X	X	I	M										NRCS approved	
Ninebark		X			X	X		X	X		X	X			X						X		N	L									Good for pollinators, NRCS approved	
American Chestnut	X				X	X	X	X			X	X				X				X	X	N	L										Edible nuts	
Chinese Chestnut		X	X		X	X	X	X			X	X				X				X	X	I	L										Good pollinator	
Persimmon			X	X	X	X	X	X	X	X	X	X									X		I	M										Fruit edible after frost
Plum, American		X		X	X			X	X		X	X			X					X	X	N	M											NRCS approved
Paw Paw, Common	X				X	X			X	X		X	X				X				L	N	L										Edible fruit, pollinator, NRCS approved	
Apple, Gala		X			X	X	X	X	X		X												H										Ripens mid-Sept.	
Apple, Granny Smith		X			X	X	X	X	X		X												H											Ripens late Oct.-Nov.
Apple, Honeycrisp		X			X	X	X	X	X		X												H										Ripens mid-Sept.	
Cherry, Stella		X			X	X		X	X		X												H										Ripens in June	
Peach, Red Haven	X	X			X	X	X	X	X		X												H										Ripens in June-July.	
Pear, Bartlett		X			X	X	X	X	X		X												H										Ripens late Aug-early Sept.	
Blackberries, Chester	X				X	X	X	X	X		X												L										Ripens early-mid Aug.	
Raspberries, Prelude	X				X	X	X	X	X		X												L											Ripens mid-June

## NATIVE WILDFLOWER, PRAIRIE GRASS & DAYLILY PLANT INFORMATION

SPECIES	SCIENTIFIC NAME	SHADE TOLERANCE			MOISTURE PREFERENCE			SOIL TYPE			HEIGHT  <i>In Feet</i>	BLOOM TIME	COLOR	DEER RESISTANT <small>Y = Yes, N = No</small>	USES			COMMENTS
		<i>Full Sun</i>	<i>Part Shade</i>	<i>Full Shade</i>	<i>Wet</i>	<i>Moist</i>	<i>Dry</i>	<i>Sand</i>	<i>Loam</i>	<i>Clay</i>					<i>Butterflies</i>	<i>Pollinators</i>	<i>Rain Gardens</i>	
		<p style="text-align: center;"><b>NOTE:</b> Few plants are completely deer resistant. When deer are hungry they may eat almost any plant. The "deer resistant" ratings shown should be used as a guide, and actual deer browsing may vary.</p>																
Aster, New England	<i>Aster novae-angliae</i>	X	X			X	X		X		2-7	Aug-Oct	L to Pr	Y	X	X	X	Showy flowers; attracts birds.
Aster, Heart-leaved	<i>Aster cordifolius</i>		X			X	X	X	X	X	2-3	Aug-Oct	W-Light Y	Y				Heart-shaped leaves; attracts birds.
Hairy Beardtongue	<i>Penstemon hirsutus</i>	X				X	X	X	X		3-4	June-July	W	Y	X	X		Hummingbird plant; cut flowers.
Bee Balm	<i>Monarda fistulosa</i>	X	X			X	X	X	X	X	2-4	June-July	P to L	Y	X	X	X	Fragrant when crushed; attracts birds.
Black-Eyed Susan	<i>Rudbeckia hirta</i>	X	X			X	X		X	X	1-3	June-Oct	Y	N	X		X	Cut flowers; attracts birds.
Butterfly Weed	<i>Asclepias tuberosa</i>	X	X			X	X	X	X		1-3	May-Sept	O	Y	X		X	Drought tolerant; attracts birds.
Rough Blazing Star	<i>Liatris aspera</i>	X	X			X	X		X	X	2-3	July-Sept	Violet	Y	X			Drought tolerant; attracts birds.
Cardinal Flower	<i>Lobelia cardinalis</i>	X	X		X	X			X	X	2-4	July-Sept	R	Y	X		X	Hummingbird plant.
Columbine	<i>Aquilegia canadensis</i>		X	X		X	X	X	X		1-3	May	R, Y	Y	X			Hummingbird plant; cut flowers.
Yellow Coneflower	<i>Ratibida pinnata</i>	X				X	X		X	X	3-5	June-Aug	Y	Y	X	X	X	Cut flowers; attracts birds.
Sand Coreopsis	<i>Coreopsis lanceolata</i>	X	X			X	X	X	X	X	2-3	June-Aug	Y	Y	X	X		Attracts birds.
Blue Lobelia	<i>Lobelia siphilitica</i>	X	X		X	X			X		1-4	Aug-Sept	B	Y	X	X	X	Attracts birds.
Monkeyflower	<i>Mimulus ringens</i>	X	X		X	X			X		1-3	July-Aug	B	Y		X	X	
Mountain Mint	<i>Pycnanthemum virginicum</i>	X	X		X	X	X	X	X		2-3	July-Sept	W to Pr	N	X		X	Cut, dried & fragrant flowers.
Nodding Onion	<i>Allium cernuum</i>	X	X			X	X		X	X	1-1.5	July-Aug	Pr	Y	X	X	X	Edible flowers, mild onion flavor.
Blue Vervain	<i>Verbana hastata</i>	X			X	X		X	X	X	2-5	July-Sept	B to Pr to Violet	Y	X		X	
Big Bluestem Grass	<i>Andropogon gerardii</i>	X				X	X		X	X	6-9	Aug-Sept	Pr-G leaves	Y			X	Good wildlife cover.
Little Bluestem Grass	<i>Schizachyrium scoparium</i>	X				X	X	X	X	X	2-4	Aug-Sept	B-G leaves, bronze	Y			X	Drought resistant.
Bottlebrush Grass	<i>Hystrix patula</i>	X	X	X	X	X	X		X	X	2-4	July-Sept	NA	Y			X	Flower & seed head shaped like bottle brush.
Indian Grass	<i>Sorghastrum nutans</i>	X	X			X	X	X	X	X	3-6	Aug-Sept	Dark G leaves	Y			X	Drought tolerant; good for wildlife cover.
Purple Lovegrass	<i>Eragrostis spectabilis</i>	X				X	X	X	X		1-1.5	Aug-Oct	Pr flower head	Y				Drought tolerant. Turns reddish in fall.

\*For details on species not listed above, visit our website at: [www.washtenawcd.org](http://www.washtenawcd.org)

**2019 Native Plant Expo & Marketplace**  
**Saturday, June 1<sup>st</sup> from 9 a.m. – 2 p.m. Washtenaw County Farm Council Grounds**

The Washtenaw County Native Plant Expo & Marketplace offers landowners one convenient location to shop for Michigan Native Plants from several Michigan native plant growers, learn how to establish and maintain native landscapes, and connect with companies specializing in various services. The following is a list of vendors that will be participating in the Expo as of December (*visit our website for updated list of vendors*):

- **Washtenaw County Conservation District:** WCCD will be managing sales for Wildtype (see below) and will make rain barrels and accessories available for sale.
- **Designs by Nature, LLC:** Designs By Nature grows Michigan genotype wildflowers and grasses. A wide selection of wildflowers and grasses are available for pre-order (before April 27<sup>th</sup>) as well as the day-of.
- **Wildtype:** Wildtype specializes in growing plants native to Michigan from Michigan. Wildtype will be offering rain garden, pollinator and shoreline erosion prevention kits in addition to a diversity of 2" pots. For more information visit: [www.wildtypeplants.com](http://www.wildtypeplants.com).
- **Plantwise, LLC:** Dedicated to native plant landscaping, prescribed burning, invasive plant control and rain garden installation. For more information visit: [www.plantwisere restoration.com](http://www.plantwisere restoration.com).
- **Creating Sustainable Landscapes:** Offers landscape design, native garden installation, natural shorelines and consulting. For more information visit: [www.creatingsustainablelandscapes.com](http://www.creatingsustainablelandscapes.com).
- **Washtenaw County Water Resources Office:** Offering education and resources around rain gardens. For more information: [www.washtenaw.org/154/Water-Resources](http://www.washtenaw.org/154/Water-Resources).
- **Washtenaw County Parks and Recreation:** Offering education, resources and volunteer opportunities around native ecosystems and removal of invasive species. For more information visit: [www.washtenaw.org/288/Parks-Recreation](http://www.washtenaw.org/288/Parks-Recreation).
- **Ypsilanti Native Plant Nursery, LLC:** Specializing in over 75 varieties of flowers and grasses indigenous to Washtenaw County. They will make available a selection of plants as well as rain garden specific plants. For more information visit: [www.ypsilantinativeplantnursery.com/](http://www.ypsilantinativeplantnursery.com/).

**2019 Upcoming WCCD Events**

**Washtenaw Farmer Shop Talk**

**February 21<sup>st</sup>, 9 a.m. – 12 p.m., Farm Council Grounds (5055 Ann Arbor-Saline Rd)**

Join us for discussions and presentations around various conservation topics. Lunch is free and included. This event is organized in partnership with the Farmer-Led Conservation Work Group. RSVP.

**MAEAP 5,000 Verifications Celebration**

**March 21<sup>st</sup>, 10 a.m. – 3 p.m., The Lansing Center, Lansing**

MAEAP verified farmers and advocates will come together to celebrate 5,000 verifications in Lansing! Lunch is free and included. RSVP by January 25<sup>th</sup> to reserve a space on the bus.

**Introduction to Native Plant Gardening**

**March 6<sup>th</sup>, 6 p.m. – 8 p.m., Scio Township Hall**

Vern Stephens of Designs By Nature, LLC will introduce native plant characteristics, varieties, site selection, site preparation, garden installation and maintenance. Cost is \$10. RSVP by March 4<sup>th</sup>.

**Introduction to Beekeeping**

**March 27<sup>th</sup>, 6 p.m. – 8 p.m., Scio Township Hall**

Interested in becoming a beekeeper? This workshop will cover the basics including: vocab, hive equipment and usage, protective gear, bee anatomy, hive health, etc. Cost is \$10. RSVP by March 25<sup>th</sup>.



# CONSERVATION UPDATE

Washtenaw County Conservation District  
7203 Jackson Rd  
Ann Arbor MI 48103-9506

## 2018 Annual Report

Vol. 51

### INSIDE THIS ISSUE:

- 2019 Annual Meeting
- 2018 Award Recipients
- MAEAP Program Report
- 2018 NRCS & WCCD Highlights
- Assistance Provided in 2018
- Fiscal Year 2018 Financial Report
- 2019 Spring Tree & Native Plant Sales
- 2019 Order Forms
- Tree/Shrub Selection Guide
- Native Plants Information Chart
- 2019 WCCD Upcoming Events

***District Annual Meeting  
January 10, 2019  
Make your reservations  
today!***

# 2018 ANNUAL REPORT & SPRING 2019 TREE & PLANTS SALE CATALOG