



# CONSERVATION UPDATE

*Your Land. Your Water. Your Michigan*

## 2017 ANNUAL REPORT Volume 50, Number 1

### Board of Directors

**Matthew Koenn**, *Chairman*  
**Howard Sias**, *Vice Chairman*  
**Carley Kratz**, *Secretary*  
**Jill Dohner**, *Treasurer*  
**Don Rentschler**, *Director*

### District Staff

**Megan Deleeuw**,  
*District Manager*

**Nick Machinski**,  
*MAEAP Technician*

**Fred Schettenhelm**,  
*Equipment Manager*

### USDA Natural Resources Conservation Service Staff

**Solomon Andrews**,  
*District Conservationist*

**Dextrin Dorsey**,  
*Soil Conservationist*

**Jasmine Hughes**,  
*Soil 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) 761-6721 ext. 5**

## Presentation on Washtenaw County Bats at 70<sup>th</sup> Annual Meeting

Giorgianna Auteri is a Ph.D. Student at the University of Michigan, Museum of Zoology. Her research focuses on bat biology, phylogeography, and migration ecology.

Her presentation will provide insight into the ecology of the many bat species found in Washtenaw County, the benefits they provide to humans and agriculture, and some of the challenges facing bat populations in the upper Midwest.

Giorgia received a Bachelor's of Science degree in Biology from Indiana University-Bloomington and a Master's of Science degree in Environmental Policy Behavior from Eastern Michigan University.

She will be bringing a live bat with her to the presentation!!

Call the District Office to make your dinner reservations today!

### Award Presentations

The meeting program will include presentation of the 2017 Conservation Farmer of the Year and Tree Conservationist Awards.

See pages 2 and 3 for more information about the award recipients.

### District Director Election

All residents of Washtenaw County who are of legal age may vote in the election of two district directors, by one of two methods following completion of a Voter Registration form and demonstration of residency by 1 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 4:30 p.m., Monday through Friday, by Wednesday, January 17th, 2018.

2.) **At the Annual Meeting** on January 18, 2018.

### Director Candidates

Three candidates are running for two Director Positions, including:

- Julianne Chard of Lima Township, who is seeking election to a 4-year term.
- Carley Kratz of Bridgewater Township, current Board Secretary who is seeking re-election to a 4-year term.
- Howard Sias of Lima Township, current Board Vice-Chairman who is also seeking re-election to a 4-year term.

The Annual Meeting  
will be held:

**Thursday,**  
**January 18, 2018**  
**6:30 p.m.**

at the Washtenaw County  
Farm Council Grounds  
5055 Ann Arbor-Saline Road

The public is welcome to attend.

A buffet dinner will open the evening.

Cost is \$10.00 for adults and \$5.00 for children 12 and under.

**Reservations for the dinner are needed**, but payment can be made at the door.

**Please call the District Office to make your reservations**

# 2017 Conservation Farmer of the Year

The Washtenaw County Conservation District is pleased to present the 2017 “Walter Wolfgang Memorial” Conservation Farmer of the Year Award to Frank Rochowiak.

Frank operates a 200 acre cash crop farm in York Township, where he grows corn, soybeans, and wheat. His conservation efforts include: no-till, cover crops, crop rotations, grid-soil testing, Conservation Stewardship Program enrollment, and Michigan Agriculture Environmental Assurance Program (MAEAP) verifications in the cropping and farmstead systems. Verifications in the MAEAP farmstead and cropping systems were completed in 2010 and 2012, respectfully, with reverification for both systems occurring in 2017.

Frank says that taking pride in his job is what allows him to be successful, and is also the driving force behind his enthusiasm for conservation practices. He firmly believes in the benefits that these practices bring to not only his operation, but to the environment as a whole.



Frank Rochowiak

Frank is currently a Director at the Wayne County Fairgrounds, and formerly served for 8 years as their president. He sits on the York Township Planning Commission, and is a retired director and current member of the County Farm Bureau, and a member of the Soy Bean Association. Past awards and recognition include Volunteer of the Year (Farm Bureau), Promoter of the Year (Farm Bureau), and Distinguished Graduate Award for Community Service (Belleville High School).

In addition, somewhere in between the farming and all of the community service, Frank has found the time to amass an astoundingly extensive collection of tractors and tractor memorabilia (mostly, but not all, John Deere). His barn is full of rare, immaculately restored tractors, and his basement is brimming with signs, models, and everything else “tractor”. The pictures at left don’t even begin to scratch the surface of this truly amazing collection.

The Conservation District is pleased to recognize Frank Rochowiak as the 2017 Conservation Farmer of the Year.



# 2017 Tree Conservationist



*Vic Mann*

To recognize excellent tree planting efforts, the Washtenaw County Conservation District is pleased to present the 2017 Tree Conservationist Award to Vic Mann of Bridgewater Township.

Vic has been planting trees since 1969. On his current 69 acres, he has planted over 2,300 trees since 2000. More than half of those trees were purchased from the Washtenaw County Conservation District, with the remainder coming from neighboring districts and other sources. The primary species he plants are white pine, white spruce, Norway spruce, red maple, pin oak, redosier dogwood, and highbush cranberry.

Vic starts many of his trees in small, fenced nurseries scattered throughout his main 45 acre property. This allows the seedlings to develop in relative safety for a year or two, before being transplanted to their final locations. He finds that this head start allows the trees more of a fighting chance once they are subjected to the rubbing antlers and gnawing teeth of the local deer population. Even so, many of his transplanted trees sport tree shelters or small, wire enclosures as additional safeguards.

One of the key reasons Vic plants trees is to increase the habitat value for the wildlife that call his properties home. The trees he has planted provide them with a wide selection of both browse and cover. In addition, he enjoys the increased aesthetics that the trees provide, and the benefits to the health of his soil. He also has a number of CREP windbreaks spread throughout his properties.

In addition to the trees he has planted, Vic's properties support natural mixed woodlands throughout. These woodlands include diverse upland hardwoods (including some giant-for-Michigan shagbark hickories) and a floodplain forest on the River Raisin. Occasionally he does harvest some timber from his properties, and uses the wood to build Aldo Leopold benches for friends and

family, or as donations for fundraisers. He has built over 100 of these benches, and plans to make many more.

Because of his consistent, long-term tree planting efforts, and overall stewardship ethic, the Washtenaw Conservation District is pleased to recognize Vic Mann as the 2017 Tree Conservationist of the Year.



# 2017 MAEAP Report

By Nicholas Machinski, MAEAP Conservation Technician

2017 saw changes for the Michigan Agriculture Environmental Assurance Program (MAEAP). Longtime technician, Chris Coulter moved onto a position at the Department of Environmental Quality (DEQ) while Nicholas Machinski came in from Lenawee County to fill-in the MAEAP technician position.

Nick had been working as a MAEAP technician for nearly a year in Lenawee before making the move to Washtenaw. Being familiar with the county and the position, he was able to quickly pick-up where Chris left off.

Currently, MAEAP has achieved nearly 4,400 verifications statewide. In Washtenaw County, we now have 37 farms that are verified in one or more system, with nearly all of the newly-verified farms for 2017 being verified in multiple systems!

This year's newly verified farms or land owners include: Baker Farms, Brown Farms, DNR, Hilltop Greenhouse, and Slow Farm. Additionally, Rochowiak Farms was re-verified in their cropping and farmstead systems while Selter Farms was re-verified in their livestock system. In total, these farms represent 12 system verifications. Congratulations to these producers who have taken the steps to earn environmental verification for their farms!

2017 accomplishments in Washtenaw County included:

ITEM	# COMPLETED
Risk Reduction Practices	103
MAEAP Farmstead System Verifications	4
MAEAP Cropping System Verifications	4
MAEAP Livestock System Verifications	1
MAEAP Habitat System Verifications	3

In addition to working with producers on risk assessments and verifications, the following activities were accomplished:

- **MAEAP Presentations at:** Washtenaw County Conservation District Annual Meeting; Washtenaw pesticide exam review classes; Crop Production Services winter meeting.
- **Events Organized and/or Hosted:** Two Phase 1 approved meetings focusing on pesticide applicator license exam review and the MAEAP verification process – demonstrated groundwater flow model at February meeting; well water screening event for nitrates in partnership with Michigan Department of Agriculture and Rural Development.



2017 MAEAP re-verified farm: Lloyd and David Jedele

- **Assisted with:** inventory and evaluation site visits for NRCS conservation plans; provided support materials for producers applying for EQIP funding under the MAEAP fund code.
- **Meetings attended:** WLEB staff meetings; MAEAP Communications Meeting; Michigan Association of Conservation Districts (MACD) fall kickoff and summer conferences; MACD Region 10 meeting; ant the Great Lakes Expo.
- **Other Activities:**
  - Coordinated with Michigan Department of Agriculture and Rural Development to collect well water samples for detailed analysis.
  - Assisted with Conservation District fall and spring tree sales and spring native plant sale.
  - Assisted in collecting 7 soil samples through WLEB soil sampling incentives program.
- **Promotional, Public Relations Activities:**
  - Partnered with NRCS, Monroe Conservation District, Washtenaw County Farm Bureau to help host a Field Day at Cherry Hill Farms.
  - Assisted with fair display at Saline community fair.

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

## 2017 NRCS Highlights

Solomon Andrews continues to serve as the District Conservationist in the Washtenaw County NRCS Field Office. Solomon's goal is to increase farmer participation in USDA programs and apply as much conservation on the ground as possible.

Soil Conservationist Dextrin Dorsey is still based out of the Washtenaw office, and has also spent time this year serving as the Acting District Conservationist in both Monroe and Jackson Counties. NRCS also recently welcomed Jasmine Hughes as the second soil conservation to for the county.

NRCS is still working hard at putting conservation on the ground by continuously accepting applications for its Environmental Quality Incentives Program (EQIP). EQIP provides cost share to address resource concerns dealing with soil, water, plants, animals and energy. A few of the conservation practices that were funded in 2017 included Fueling Facilities, Nutrient and Pest Management and Seasonal High Tunnels. Special funding opportunities are also available for producers in the Western Lake Erie Basin watershed that have resource concerns.

NRCS has a program called CSP (Conservation Stewardship Program), which rewards producers for being a good steward of the land. Ground that is eligible to enroll in the CSP program is crop, pasture, forest and rangeland. If you think you are a good steward of the land, please stop by our office and fill out an application for the Conservation Stewardship Program.

Easement programs through the Agricultural Conservation Easement Program (ACEP) are also offered through NRCS to landowners who want to maintain or enhance their land in a way beneficial to agriculture and/or the environment. All NRCS easement programs are voluntary. We provide technical help and financial assistance, but local landowners and organizations are needed to make the NRCS easement programs successful.

NRCS is working closely with the Conservation District to help producers obtain Michigan Agriculture Environmental Assurance Program (MAEAP) verification. Producers can apply for cost share assistance to help fund the last two practices they may need for MAEAP verification.

NRCS and the Conservation District look forward to working with you on your upcoming conservation projects. For more information, visit the NRCS website at <http://www.nrcs.usda.gov/wps/portal/nrcs/site/mi/home/>, stop by the office, or give us a call at (734) 761-8789 ext. 3.

## 2017 District Manager Report

*By Ben Beaman, District Manager*

2017 marked the 69<sup>th</sup> year the Conservation District has been assisting Washtenaw County landowners with the conservation and management of their natural resources. The information on page 6 provides a statistical picture of the activities and assistance provided by the District and Natural Resources Conservation Service in fiscal year 2017 through our regular programs such as tree and native plant sales, Fish Day, MAEAP Grant, and USDA Farm Bill programs. Following is a brief overview of these and other efforts undertaken by the District in 2017:

- **New District Managers:** After 36 years of serving Washtenaw County as the Conservation District's manager, Dennis Rice retired this past September. Ben Beaman assumed the role of District Manager in October, and served through the remainder of 2017. As of January 2018, Megan DeLeeuw will take over as District Manager.
- **New MAEAP Technician:** In August, the district welcomed Nick Machinski as its new MAEAP Technician. Nick previously served as the MAEAP Technician in Lenawee County.
- **Cooperative Invasive Species Management Area (CISMA) grant proposal:** the District partnered with the Lenawee County Conservation District, the Jackson County Conservation District, and several other organizations to prepare a CISMA grant proposal for Washtenaw, Lenawee, and Jackson Counties. The objective of this effort is to control and manage invasive species on public and private lands that are negatively impacting native habitats.
- **Fish Day 2017:** District residents placed 40 orders for this year's Fish Day, totaling 2,170 fish and 43.5 gallons of minnows to stock in fishing ponds.
- **2017 Tree and Native Plant Sales:** This year the district distributed 42,468 trees and native plants to residents of Washtenaw County. If you're interested in purchasing trees or native plants this year, please see the attached order forms for the Spring Tree and Native Plant Sales, located between pages 6 and 7.

The Conservation District Board and staff thank you for allowing us to work with you in 2017, and look forward to assisting you with the conservation and management of your natural resources in 2018.

# District and NRCS Assistance Provided in 2017

TECHNICAL & OTHER ASSISTANCE	
General Conservation Assistance Provided	328
Forestry & Wildlife Assistance Provided	33
Trees, Plants & other items Distributed & Number of Orders Received	42,468 586
Fish Day: Number of Orders Received & Number of Fish / Gallons of Minnows	40 2,170 / 43.5
Rain Barrels Sold	48
Pedestal risers/Downspout diverters Sold	20
Tumbling Composters Sold	6
MAEAP Crop *A*Systs Completed	11
MAEAP Farmstead & Livestock *A*Systs Completed	20
MAEAP Verifications & Re-verifications Completed	8
TECHNICAL REVIEWS AND/OR APPROVALS	
MDEQ Public Notices Reviewed	30
NRCS Conservation Plans Reviewed & Acres	27 1,314.82 Ac.
EDUCATIONAL	
Conservation Update Newsletter Issues	1
E-Conservation Update E-mail Issues	12
Educational Materials Distributed	245
Presentations and Demonstrations: (# / # of participants)	5 / 176
News Releases or Radio Public Service Announcements Distributed	19
District Web Site Visits	38,029

# Financial Statement Washtenaw County Conservation District October 1, 2016 – September 30, 2017

## REVENUES

State Western Lake Erie Basin MAEAP Grant	\$ 59,891
County Appropriation	30,000
Conservation Sales <i>(Trees and native plants; rain barrels and composters; other products and materials)</i>	89,674
Charges for Services	19,766
Interest	102
Other Revenues	2,295
<b>TOTAL REVENUES:</b>	<b>\$201,728</b>

## EXPENDITURES

Operations Expenses <i>(Director &amp; employee expenses; office supplies; bank service charges; postage; petty cash; telephone; web site maintenance; office services; audit; mileage; sales tax; equipment purchases &amp; repairs; products and materials purchased for resale; annual meeting; annual report)</i>	\$ 87,784
Tree & Plant Sales Program Expenses	49,967
Western Lake Erie Basin MAEAP Grant Expenses	59,891
<b>TOTAL EXPENDITURES:</b>	<b>\$197,642</b>
<b>EXCESS OF REVENUES OVER EXPENSES</b>	<b>\$4,086</b>
<b>BEGINNING FUND BALANCE</b> as of October 1, 2015	<b>\$ 67,684</b>
<b>ENDING FUND BALANCE</b> as of September 30, 2016	<b>\$ 71,770</b>



## 2018 SPRING TREE ORDER FORM

**ORDER DEADLINE: MARCH 23, 2018**

<b>NAME:</b>					<b>PHONE #:</b>								
<b>ADDRESS:</b>					<b>E-MAIL:</b>								
<b>CITY / ZIP:</b>													
CONIFER SEEDLINGS				AGE	SIZE	25	50	100	200	500	Qty. Ordered	Cost	
01 Red Pine				2	6-12"	\$18	\$27	\$42				\$	
02 White Pine				2	5-10"	\$18	\$27	\$42	\$80	\$185		\$	
03 Larch/Tamarack <b>NEW</b>				2	6-12"	\$29	\$38	\$53				\$	
CONIFER TRANSPLANTS				AGE	SIZE	10	30	50	100	200	500	Qty. Ordered	Cost
04 White Cedar (American Arborvitae)				4	10-16"	\$29	\$49	\$71	\$106				\$
05 Concolor Fir <b>NEW</b>				4	10-16"	\$29	\$49	\$71	\$106				\$
06 White Pine				3	8-14"	\$28	\$48	\$70	\$105	\$184		\$	
07 Blue Spruce				4	12-18"	\$29	\$49	\$71	\$106	\$186		\$	
08 Norway Spruce				4	12-18"	\$29	\$49	\$71	\$106	\$186	\$455		\$
09 White Spruce				4	12-18"	\$29	\$49	\$71	\$106				\$
TRANSPLANT BUNDLE (Conifer Transplants <u>ONLY</u> in multiples of 10)								30	50	100	List quantities on lines above & Bundle cost at right.		
Order 30, 50 or 100 transplants and "mix & match" varieties <b>IN MULTIPLES OF 10 ONLY.</b>								\$49	\$71	\$106			
Example order of 50: 10 Concolor Fir, 20 White Pine, 10 Blue Spruce, 10 White Spruce. Cost:\$71													
DECIDUOUS HARDWOODS				AGE	SIZE	25	50	100			Qty. Ordered	Cost	
10 Shagbark Hickory				2	12-18"	\$35	\$49	\$76				\$	
11 Red Maple				1	12-18"	\$31	\$45	\$72				\$	
12 Sugar Maple				1	12-18"	\$32	\$46	\$73				\$	
13 Red Oak				1	18-24"	\$33	\$47	\$74				\$	
14 White Oak <b>NEW</b>				1	12-18"	\$31	\$45	\$72				\$	
15 Allegheny Serviceberry <b>NEW</b>				1	12-18"	\$32	\$46	\$73				\$	
16 Hybrid Poplar				1	2-3'	\$31	\$45	\$72				\$	
17 Tulip Tree				1	18-24"	\$33	\$47	\$74				\$	
HARDWOOD BUNDLE (Trees must be in multiples of 25 – NO CHESTNUT)								50	75	100	List quantities on lines above & Bundle cost at right.		
Order 50, 75 or 100 hardwoods and "mix & match" varieties <b>IN MULTIPLES OF 25 ONLY.</b>								\$47	\$63	\$74			
Example order of 100: 25 Shagbark Hickory, 25 Red Maple, 25 White Oak, 25 Tulip Tree. Cost:\$74													
WILDLIFE SHRUBS				AGE	SIZE	25	50	100			Qty. Ordered	Cost	
18 Button Bush				1	12-18"	\$31	\$45	\$72				\$	
19 Highbush Cranberry <b>NEW</b>				1	12-18"	\$31	\$45	\$72				\$	
20 Red Osier Dogwood				1	18-24"	\$32	\$46	\$73				\$	
21 Elderberry				1	18-24"	\$32	\$46	\$73				\$	
22 Hazelnut				1	18-24"	\$33	\$47	\$74				\$	
23 Lilac				1	12-18"	\$31	\$45	\$72				\$	
24 Spicebush				1	12-18"	\$32	\$46	\$73				\$	
SHRUB BUNDLE (Shrubs must be in multiples of 25)								50	75	100	List quantities on lines above & Bundle cost at right.		
Order 50, 75 or 100 shrubs and "mix & match" varieties <b>IN MULTIPLES OF 25 ONLY.</b>								\$46	\$62	\$73			
Example order of 100: 25 Button Bush, 25 Elderberry, 25 Lilac, 25 Spicebush. Cost:\$73													
FRUIT TREES 1/2 - 3/4" caliper, 5- 6 ft. tall, bare root									Price Each	Qty. Ordered	Cost		
25 Apple, Fuji <i>Apples need at least two trees of different varieties for pollination.</i>									\$20.00		\$		
26 Apple, Gala <i>Apples need at least two trees of different varieties for pollination.</i>									\$20.00		\$		
27 Apple, Granny Smith <i>Apples need at least two trees of different varieties for pollination.</i>									\$20.00		\$		
28 Apple, Honeycrisp <i>Apples need at least two trees of different varieties for pollination.</i>									\$20.00		\$		
29 Apple, McIntosh <i>Apples need at least two trees of different varieties for pollination.</i>									\$19.50		\$		
30 Cherry, Black Gold <b>NEW</b> <i>Self-fertile</i>									\$19.50		\$		
31 Peach, Red Haven <i>Self-fertile</i>									\$19.50		\$		
32 Pear, Bartlett <i>Partially self-fertile</i>									\$20.00		\$		
BERRY PLANTS									Price Per:	Qty. Ordered	Cost		
33 Blackberries, Chester									5 / \$17.00 10 / \$33.00 25 / \$78.00		\$		
34 Raspberries, Prelude									5 / \$13.00 10 / \$25.00 25 / \$56.00		\$		

**CARRY TOTAL TO OTHER SIDE & ADD SALES TAX**

**TOTAL \$ THIS SIDE: \$ \_\_\_\_\_**

TREE & SHRUB PACKETS <i>NOTE: Some substitutions may be made by nursery based upon plant availability.</i>		Size	Price Per Packet	Qty. Ordered	Cost
35 Beauty Packet	(10 trees & shrubs trees, 2 each) Sargent Crab, Serviceberry, Lilac, Flowering Dogwood, Blk. Chokeberry	12-18"	\$21.50		\$
36 Evergreen Packet	(10 transplant conifer trees, 2 each) White Cedar, Balsam Fir, Red Pine, White Pine, White Spruce	10-16"	\$25.00		\$
37 Nut Tree Packet	(10 native nut trees, 2 or 3 of each) Hazelnut, Northern Pecan, Butternut, Black Walnut	12-18"	\$25.00		\$
38 Wetland Packet	(10 trees & shrubs, 2 each) Buttonbush, Nannyberry, Pussy Willow, River Birch, Spicebush	12-18"	\$21.50		\$

LARGER TREES <i>Bare root, sold individually.</i>		Size	Price Each	Qty. Ordered	Cost
39 Yellow/River Birch		3-5'	\$12.00		\$
40 White Flowering Dogwood		3-5'	\$12.00		\$
41 Pin Oak		3-5'	\$15.00		
42 Redbud		3-5'	\$15.00		\$
43 Sweetgum <b>NEW</b>		3-5'	\$16.00		\$

PLANTING AIDS		Price Per:	Qty. Ordered	Cost
44 Tree Shelters	4 foot tall – for hardwoods	\$3.25 Each		\$
45 Tree Stakes	5-foot fiberglass tree stakes for Tree Shelters or trees.	\$2.00 Each		\$
46 Weed Mats	10 / \$17.00    30 / \$49.00    50 / \$79.00    100 / \$154.00			\$
47 Plantskydd Repellent – 1 Qt. Liquid Spray Bottle		\$23.00 / Bottle		\$
48 Plantskydd Repellent – 1 Lb. Box Soluble Powder		\$25.00 / Box		\$
49 Plantskydd Repellent – 3 Lb. Shaker Bag		\$24.00 / Bag		\$
50 Marking Flags	10 / \$2.00    25 / \$5.00    50 / \$9.00    100 / \$16.00			\$
51 Fertilizer Tablets		15 cents Each		\$
52 Root Dip		\$2.00 / 2 oz. Bag		\$

<p style="text-align: center;">OFFICE USE ONLY</p> <p style="text-align: center;"><b>ORDER #</b> _____</p> <p>Date Rec'd: _____ \$ Rec'd: _____</p> <p>Ck # _____ Cash _____ CC _____ Ball. Due \$ _____</p> <p style="text-align: center;">Refund \$ _____</p>	<p><b>NOTE:</b></p> <p><i>For your security, submitted credit/debit card information will be removed from order form and destroyed following completion of sale.</i></p>	<p style="text-align: center;"><b>TOTAL BOTH SIDES BELOW &amp; ADD SALES TAX, THEN COMPLETE "PAYMENT METHOD" BOX BELOW.</b></p> <p style="text-align: right;">TOTAL \$ THIS SIDE: \$ _____</p> <p style="text-align: right;">TOTAL \$ OTHER SIDE: \$ _____</p> <p style="text-align: right;">SUB-TOTAL: \$ _____</p> <p style="text-align: right;">ADD 6% MI SALES TAX: \$ _____</p> <p style="text-align: right;">TAX DEDUCTIBLE DONATION: \$ _____</p> <p style="text-align: right;"><b>TOTAL: \$ _____</b></p>
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PAYMENT METHOD			
<input type="checkbox"/> Check or Money Order, payable to: <b>Washtenaw County CD</b>		<input type="checkbox"/> Credit/Debit Card <i>Provide information below.</i>	
Credit/Debit Card: # _____ - _____ - _____ - _____    Exp. Date: (mm/yy) ____ / ____			
<input type="checkbox"/> American Express _____ <small>4-Digit Security Code on front</small>	<input type="checkbox"/> Discover _____ <small>3-Digit Security Code on back</small>	<input type="checkbox"/> Master Card _____ <small>3-Digit Security Code on back</small>	<input type="checkbox"/> VISA _____ <small>3-Digit Security Code on back</small>
Signature: _____			
Billing address of card, <u>if different than listed on other side:</u>			
Address: _____		City/Zip: _____	

**CREDIT CARD ORDERS CAN BE FAXED TO: (855) 665-5586** (please call (734) 761-6721 ext. 5 to verify receipt)

## 2018 NATIVE PLANTS ORDER FORM

**ORDER DEADLINE: APRIL 27, 2018**

<b>NAME:</b>	<b>PHONE #:</b>		
<b>ADDRESS:</b>	<b>E-MAIL:</b>		
<b>CITY / ZIP:</b>			
<b>WILDFLOWER PLANTS</b> <i>Plants come in 2" pots, 1 plant/pot.</i>	<b>Price Each</b>	<b>Qty. Ordered</b>	<b>Cost</b>
01 New England Aster <i>Aster novae-angliae</i>	\$3.50		\$
02 Hairy Beardtongue <i>Penstemon hirsutus</i>	\$3.50		\$
03 Bee Balm (Bergamot) <i>Monarda fistulosa</i>	\$3.50		\$
04 Black-Eyed Susan <i>Rudbeckia hirta</i>	\$3.50		\$
05 Butterfly Weed <i>Asclepias tuberosa</i>	\$3.50		\$
06 Rough Blazing Star <i>Liatris aspera</i>	\$3.50		\$
07 Cardinal Flower <i>Lobelia cardinalis</i>	\$3.50		\$
08 Columbine <i>Aquilegia canadensis</i>	\$3.50		\$
09 Yellow Coneflower <i>Ratibida pinnata</i>	\$3.50		\$
10 Sand Coreopsis <i>Coresopsis lanceolata</i>	\$3.50		\$
11 Blue Lobelia <i>Lobelia siphilitica</i>	\$3.50		\$
12 Monkeyflower <i>Mimulus ringens</i>	\$3.50		\$
13 Mountain Mint <i>Pycnanthemum virginianum</i>	\$3.50		\$
14 Nodding Onion <i>Allium cernuum</i>	\$3.50		\$
15 Blue Vervain <i>Verbena hastata</i>	\$3.50		\$
<b>PRAIRIE GRASS PLANTS</b> <i>Plants come in 2" pots, 1 plant/pot.</i>	<b>Price Each</b>	<b>Qty. Ordered</b>	<b>Cost</b>
16 Big Bluestem <i>Andropogon gerardii</i>	\$3.50		\$
17 Little Bluestem <i>Schizachyrium scoparium</i>	\$3.50		\$
18 Bottlebrush Grass <i>Hystrix patula</i>	\$3.50		\$
19 Indian Grass <i>Sorghastrum nutans</i>	\$3.50		\$
20 Purple Lovegrass <i>Eragrostis spectabilis</i>	\$3.50		\$

<b>CARRY TOTAL TO OTHER SIDE &amp; ADD SALES TAX</b>	<b>TOTAL \$ THIS SIDE: \$ _____</b>
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<b>DAYLILIES</b> ( <i>Hemerocallis</i> ) <i>Bare root plants. Nursery may make substitutions of similar color depending on availability.</i>	<b>Color</b>	<b>Price Each</b>	<b>Qty. Ordered</b>	<b>Cost</b>
21 Cloverdale	Pink	\$5.00		\$
22 Heavenly Harp	Apricot	\$5.00		\$
23 Imperial Red	Scarlet	\$5.00		\$
24 Kecia	Ivory	\$5.00		\$
25 Knave	Rose	\$5.00		\$
26 Leebea Orange Crush	Orange/Red Eye	\$5.00		\$
27 Mountain Violet	Purple	\$5.00		\$
28 Paprika Velvet	Rust Red	\$5.00		\$
29 Persian Plum	Plum	\$5.00		\$
30 Tender Shepherd	Melon	\$5.00		\$

<p align="center"><b>OFFICE USE ONLY</b></p> <p><b>ORDER #</b> _____</p> <p>Date Rec'd: _____</p> <p>\$ Rec'd: _____</p> <p>Ck # _____ Cash _____ CC _____</p> <p>Balance Due \$ _____</p> <p>Refund \$ _____</p>	<p><b>NOTE:</b> <i>For your security, submitted credit/debit card information will be removed from order form and destroyed following completion of sale.</i></p>	<p align="center"><b>TOTAL BOTH SIDES BELOW &amp; ADD SALES TAX, THEN COMPLETE "PAYMENT METHOD" BOX BELOW.</b></p> <p align="right">TOTAL \$ THIS SIDE: \$ _____</p> <p align="right">TOTAL \$ OTHER SIDE: \$ _____</p> <p align="right">SUB-TOTAL: \$ _____</p> <p align="right">ADD 6% MI SALES TAX: \$ _____</p> <p align="right">TAX DEDUCTIBLE DONATION: \$ _____</p> <p align="right">TOTAL: \$ _____</p>
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<b>PAYMENT METHOD</b>			
<input type="checkbox"/> Check or Money Order, payable to: <b>Washtenaw County CD</b>		<input type="checkbox"/> Credit/Debit Card <i>Provide information below.</i>	
Credit/Debit Card: # _____ - _____ - _____ - _____		Exp. Date: (mm/yy) ____ / ____	
<input type="checkbox"/> American Express _____ <small>4-Digit Security Code on front</small>	<input type="checkbox"/> Discover _____ <small>3-Digit Security Code on back</small>	<input type="checkbox"/> Master Card _____ <small>3-Digit Security Code on back</small>	<input type="checkbox"/> VISA _____ <small>3-Digit Security Code on back</small>
Signature: _____			
Billing address of card, if different than listed on order form:			
Address: _____		City/Zip: _____	

**CREDIT CARD ORDERS CAN BE FAXED TO: (855)665-5586** (please call (734) 761-6721 ext. 5 to verify receipt)

# 2018 SPRING TREE & NATIVE PLANTS SALE

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, as amended.

## TO PLACE AN ORDER

Remove and complete the "2018 Spring Tree Order Form" and/or the "Spring 2018 Native Plants Order Form" from the center of this catalog and submit with **FULL PAYMENT**, including **SALES TAX** to the District Office by the order deadlines listed 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.*

## ORDER DEADLINES

**TREES & SHRUBS: MARCH 23, 2018**

**NATIVE PLANTS: APRIL 27, 2018**

Orders will be confirmed by post card and e-mail prior to pick-up dates.

## PAYMENT METHODS ACCEPTED

Payment by cash, check or credit/debit card will be accepted, as follows:

- By mail with check, money order or credit/debit card (American Express, Discover, MasterCard, VISA).
- By E-fax with credit/debit card to: (855) 665-5586.
- No phone OR in-person orders accepted.

## ORDER PICK-UP DATES & LOCATIONS

If you cannot make these dates, contact the District Office for other arrangements.

**TREES & SHRUBS: FRIDAY, APRIL 27, 1 - 6 p.m.** and **SATURDAY, APRIL 28, 9 – 10:30 a.m.**, at the Washtenaw Farm Council Grounds, 5055 Ann Arbor-Saline Road (3 miles south of I-94, Exit #175).

**NATIVE PLANTS: FRIDAY, MAY 20, 9 a.m. - 6 p.m.** at 7215 Jackson Road, Ann Arbor – Adjacent to the Conservation District Office.

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.

**EXTRA TREES & PLANTS:** Any extra trees will be sold on Saturday, April 28, 10:00 a.m. at the Washtenaw Farm Council Grounds. You will need to obtain a number card prior to the sale of extra trees at the Farm Council Grounds during the Friday or Saturday order pick-up times. Any extra native plants will be sold at the plant pick-up day on Friday, May 20 during pick-up hours.

## REFUND POLICY

*Orders cancelled 10 days prior to last day orders accepted will receive a full refund. No refunds will be given on orders not picked up, unless trees or plants can be resold. All trees or plants remaining 1 week after pick-up will be sold.*

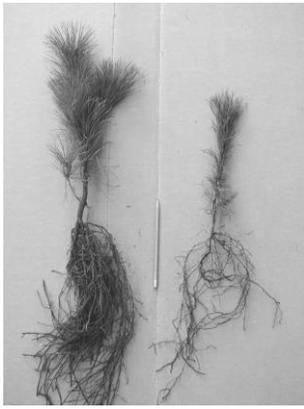
**Tree Planting Machines:** Mechanical, tractor-drawn tree planters (using your tractor) are available for rent at: \$20.00/day, plus \$5.00/1,000 trees planted. Contact District Equipment Manager Fred Schettenhelm at (734) 439-1829 to arrange planter rental.

**Questions? Call the District Office at: (734) 761-6721 ext. 5**

*Pictures of the trees, shrubs, and native plants available can be found on the District web site, [www.washtenawcd.org](http://www.washtenawcd.org) under the "Trees and Native Plant Sales" tab.*

## TREE/SHRUB SPACING RECOMMENDATIONS

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' 681/Ac.
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' 436/Ac. 10' X 12' 363/Ac.      12' X 12' 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.

APPLES	
<b>Fuji</b>	Both tangy and tart taste. White, crisp, juicy flesh. Favored for sauces, pies and desserts. Texture holds up well when baked. Keeps and stores well. Ripens in late September to early October.
<b>Gala</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>Granny Smith</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>Honeycrisp</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>McIntosh</b>	Classic large, round apple for eating out of hand. Juicy, white flesh. Excellent in applesauce, cider and pies. Ripens in mid-late September.
CHERRIES ( <i>dark sweet</i> )	
<b>Black Gold</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.
PEACHES	
<b>Red Haven</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.
PEARS	
<b>Bartlett</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.
BERRY PLANTS	
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>Blackberry, Chester</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>Raspberry, Prelude</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.

## LARGER TREES

Don't have room to plant a lot of trees? Try our larger trees—good for urban or suburban settings where limited planting space is available. Trees are bare-root, 3-5 feet tall, sold individually. See page 2 of order form.

# TREE PLANTING AIDS



## Tree Shelters (left)

Used to protect seedlings from mice, rabbits and deer. Reduces weed competition and makes chemical weed control faster and safer. Research shows increased growth and survival rates even under poor conditions. Recommended for hardwood seedlings, not conifers. Shelters come with reusable lock-ties & can be supported with any type stakes.

## Smart Stakes (right)

Flexible fiberglass tree stakes that can be used to support tree shelters, or trees without shelters. Has 100% UV protection with a 20-year replacement warranty. Lightweight & durable; will not rust, rot or discolor; reduces need to fix bent stakes & re-staking. Smart Stakes flex with the tree (and shelter, if used) to promote stronger trunks and larger root stems.



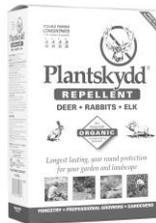
## Weed Mats

The most important thing you can do after planting is to control weeds. Weed Mats reduce the need for herbicide application or mowing around tree seedlings. Weed mats are 2.5 Mills thick, UV stabilized for 3-years to suppress weed growth. Includes 5 staples/mat to anchor to the soil, and installation instructions.

## Plantskydd Animal Repellent

This all-natural, non-toxic repellent provides effective protection against deer, rabbits and other small herbivore critters. Lasts up to 6 months over winter on dormant plants, and 3-4 months during the active growing season.

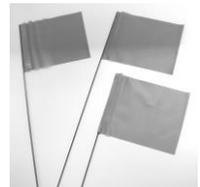
For best protection, treat plants before browse begins. Repels by odor not taste and will not harm animals. Apply to conifer & hardwood trees, fruit trees, shrubs, ornamentals, gardens and flowers.



PLANTSKYDD SIZE	AREA OR # OF TREES PROTECTED
1-Qt. Liquid Pre-Mix Spray	80-100, 1 ft. high
1-Lb. Soluble Powder	200-300, 1 ft. high
3-Lb. Shaker Bag	1,800 sq. feet

## Marking Flags

4" X 5" fluorescent orange plastic flag on 36" wire. Can be used to mark location of planted trees or for other uses. Will last for several seasons. Bundled in quantities listed on order form.



## Fertilizer Tablets

Compressed, 10-gram, nutrient-rich starter tablets supply all the nitrogen, phosphorus and potash needed by seedlings or transplants for 2 years. More nutrients are released during the growing season when bacterial activity is greatest. Very little is released during dormant season. Use 1 tablet per tree or shrub.

## Root Dip

A powder developed specifically for moisture retention, that when mixed with water creates a special gel which clings to a plant's roots and greatly enhances its chances for growth and survival. After mixing, dip tree roots into gel before planting. Root dip is particularly useful for dry soils that have limited moisture retention. A 2-ounce bag will make enough gel to treat about 2,000 seedlings; fewer transplants or plants with larger root masses.





## NATIVE WILDFLOWER, PRAIRIE GRASS & DAYLILY PLANT INFORMATION

SPECIES	SCIENTIFIC NAME	SHADE TOLERANCE			MOISTURE PREFERENCE			SOIL TYPE			HEIGHT  In Feet	BLOOM TIME	COLOR	DEER RESISTANT Y = Yes N = No	USES			COMMENTS
		Full Sun	Part Shade	Full Shade	Wet	Moist	Dry	Sand	Loam	Clay					Butterflies	Pollinators	Rain Gardens	
											Range of months plants normally bloom.	B-Blue G-Green L-Lavender O-Orange P-Pink Pr-Purple R-Red Ro-Rose Y-Yellow				<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.		
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>Verbena 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.
Daylilies (ALL COLORS)	<i>Hemerocallis</i>	X	X			X	X	X	X	X	2.5-3	July-Aug	Easy to grow; rapid growth; flowers last one day; hybrids. NOT deer resistant.					



# CONSERVATION UPDATE

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

NON-PROFIT  
ORG.  
U.S. Postage  
PAID  
Ann Arbor MI  
Permit No. 374

## 2017 Annual Report

Vol. 50 No. 1

### INSIDE THIS ISSUE...

- 2018 Annual Meeting
- 2017 Award Recipients
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- NRCS Conservation Highlights
- CD District Manager Report
- Assistance Provided in 2017
- Fiscal Year 2017 Financial Report
- 2018 Spring Tree & Native Plant Sales
- 2018 Order Forms
- Tree/Shrub Selection Guide
- Native Plants Information Chart

***District Annual Meeting  
January 18, 2018  
Make your reservations  
today!***

## 2017 ANNUAL REPORT & SPRING 2018 TREE & PLANTS SALE CATALOG

