







The County Cooperator

A Publication of Jefferson Soil and Water Conservation District

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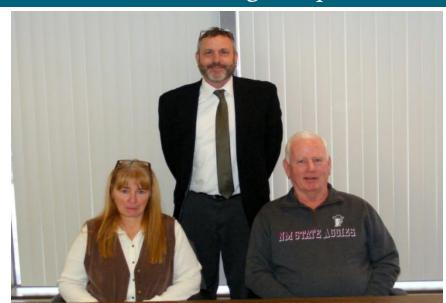
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The 71st Annual Meeting Banquet a Success!



Jefferson County Commissioner, Dave Maple, (standing) with re-elected board supervisors, Stephanie Vance & Dick Franckhauser, after the Oath of Office at the January Board Meeting.

It was a great night as the Jefferson SWCD held their 71st Annual Meeting Banquet. Congratulations go to Richard (Dick) Franckhauser and Stephanie Vance, who were re-elected as Board Supervisors! The dinner was provided by local producers, while being prepared and served by Piergallini Catering. The Opening Ceremony was performed by the Cub Scout Pack #1, sponsored by Holy Family Catholic Church of Steubenville. Kurt Johnson won this year's Farmer of the Year Award, for conservation initiative he has taken on the farm he purchased in 2003. His vision and passion have helped to preserve and enhance our natural resources & agricultural heritage. There were seven total recipients of the Distinguished Service Award. Curt and Virginia Glenn, Linda McLain, Marianne O' Donnell, Joe Kmatz, and Gary Alkire (representing Rose Bud Mining), are all part of the Yellow Creek Watershed Coalition. Since 1998, they have looked out for the best interests of the Yellow Creek Watershed and have supported Jefferson SWCD's efforts in the protection of the watershed. Esther McCoy, who has been an advocate of agriculture and conservation for over 40 years through her articles in the Herald-Star, also received the award. (Continued on page 2)

ANNUAL MEETING (CONTINUED)



Ohio Senator Lou Gentile

This year's educational topic focused on soil health. Soil Conservation Technician, Clint Finney of USDA-NRCS, gave the presentation, *How Healthy is Your Soil*. Recognitions were also given out for the Big Tree Contest and Photography Contest. Winners, along with the other participants can be found on our Facebook page and our website at www.jeffersonswcd.org. The Big Tree Contest results, along with a demonstration, were presented by Jeremy Scherf, Service Forester with the ODNR Division of Forestry. The photo contest this year consisted of three categories: "Trees and/or Forestry", "Lakes, Ponds, Wetlands and/or Streams", and "Birds, Reptiles and/or Amphibians". The winner of each category received a check of \$50. A Dave Barnhouse print raffle took place as well to benefit the JSWCD education & outreach programs. State Senator Lou Gentile and House Representative Jack Cera also attended the banquet. The Jefferson SWCD wants to give a big thanks to everyone who contributed to its success & attended the event! We hope to see you again next year!



Ohio House Representative Jack Cera



Award winners: Bottom row, from left to right-Curt & Virginia Glenn, Linda McLain, Marianne O' Donnell, and Joe Kmatz. Top row-Esther McCoy, Kurt Johnson, and award presenter, Jefferson SWCD Board Member Dick Franckhauser.



Above: Members of the Cub Scout Pack #1

NEW YEAR, NEW LOCATION!

The Jefferson Soil and Water Conservation District Board of Supervisors are pleased to announce the District's recent move to a new location. The Jefferson SWCD is now doing business in the county-owned Ohio Valley Towers building located at 500 Market Street, Mezzanine-Ste 4, Steubenville, Ohio 43952.





An open house invitation is being extended to the citizens and businesses in Jefferson County. **SAVE THE DATE: Friday, March 27, 2015- 3:00 pm to 6:00 pm.** According to JSWCD
Board Chair, Jodee Verhovec, "the open house is an opportunity for customers to visit our new office space and to become informed of the resources that are available through the Jefferson SWCD." Public Relations Chair, Ken Perkins adds that "the event is also a chance to meet with the current tenants in the building, both public and private, to better become aware of the services and products that can be accessible in one location." You may stay informed of updated open house information by following us on our website at www.jeffersonswcd.org or on our Facebook page.

NATURAL RESOURCES CONSERVATION SERVICE (NRCS) THE DIRT ON DIRT: 5 THINGS YOU SHOULD KNOW ABOUT SOIL

We walk on it every day. Get it under our fingernails. Track it into the house. But do we really appreciate the vital role soil plays—not just in the environment, but in human health?

The United Nations Food and Agriculture Organization is giving soil its due. Friday, December 5, is World Soil Day, and 2015, the FAO has declared, will be the International Year of Soils.

"The minerals, the nutrients that make up our muscles and bones almost entirely come from soil," says Jerry Glover, a National Geographic Emerging Explorer and agroecologist at the U.S. Agency for International Development.

"This is, of course, very critical because we're supposed to be increasing agricultural production to feed and nourish some of the ten billion people, but it's at the same time that our soils are the thinnest and most nutrient depleted."

Here are five things you should know about soil.

1. Soil, like oil, is a finite resource.

Poor farming practices deplete soil nutrients faster than they are able to form, leading to loss of soil fertility and degraded lands.

2. Misusing soil can topple civilizations.

Modern examples of the impact of soil erosion are well-known: the Dust Bowl in the American and Canadian prairies, the erosion of China's Loess Plateau, the famine in Africa's Sahel. Ancient societies also reaped what they sowed when it came to their farming practices.

3. Good soil usage helps prevent droughts.

During recent droughts in the western U.S., farmers who used no-till practices—for example, not disturbing the soil through plowing—produced healthier crops, according to Montgomery. Soil conservation goes hand in hand with water conservation, he says; healthier soils retain more water.

4. High-tech makes a difference.

There has been improvement in soil conservation in the United States since the introduction of no-till and low-till farming, but reducing soil disturbance is not enough. The restoration of soil health, experts say, will require new practices and old-fashioned "soil husbandry."

5. Soil is alive.

Chemical fertilizers, which replace three or four nutrients, are simply not enough to replace the complex system that is soil. They're "not a full health package," says Glover. That's because soil is crawling with microbes and bugs, which nourish the soil. They help cycle nutrients in exchange for plant sugars. It's a symbiotic relationship that is the root of life, but we don't fully understand it, according to Montgomery.

CEDAR LICK BRIDGE PROJECT MAKING PROGRESS



The Cedar Lick Bridge Project located in Wayne Twp will begin construction soon. The bridge is being constructed by a partnership consisting of the Jefferson Soil and Water Conservation District (JSWCD), U.S. Fish and Wildlife Service (USFWS), ODNR-Division of Wildlife and Access Midstream. Engineering services are being provided by JDO Engineering. The bridge is being constructed to improve the water quality due to vehicles driving through the stream. Also, the bridge is being installed to protect the Eastern Hellbender that are located downstream of this stream crossing.



Above: An ancient Byzantine ruin outside Aleppo, Syria, is a testament to the impact of soil erosion on a once prosperous community. Misusing soil has led to the collapse of ancient civilizations as well as conflicts in the modern world.

Note: Complete article is available at link below:

http://news.nationalgeographic.com/news/2014/12/1412 05-world-soil-day-soil-agriculture-environment-ngfood/

FISH SALE 2015

Jefferson Soil and Water Conservation District will be hosting its annual fish sale. These fish are intended for stocking ponds and lakes. The minimum pond size suggested for stocking is 1/4 acre with a minimum depth of 8ft. The following are suggested stocking rates per acre for a new or unstocked pond. These rates should be adjusted to fit your pond size. Largemouth Bass 100, Bluegill 100, Yellow Perch 100, Channel Catfish 200, Minnows 1000 and White Amur 10. At pick-up you will need to bring a container lined with a plastic, unsealed trash bag & filled half way up with your own pond water. Make sure you can tie it shut. Number of fish allowed per (5 gallon) bucket is 100. Exceptions are the White Amur, which only 2 will fit and the minnows, which is 1,000 per 5 gallon bucket. There are NO REFUNDS. Please have someone pick up the fish for you if you are unavailable. Order forms are on next page in lower, left-hand corner. They are also available on our website at www.jeffersonswcd.org.

ORDER DEADLINE

Monday, March 30, 2015 **FISH PICK-UP**

April 2, 2015, from 1:00pm - 2:00pm in parking lot 500 Market St., Steubenville, Ohio 43952 (New JSWCD Location)

TREE SEEDLING INFORMATION CHART

Evergreens	Height/Spread	Growth Rate	Shade Tolerance	Native	Other Attributes	Size	Packet Size	Re-
American Arborvitae	50-70 / 35-50	Med. Fast Long lived	Tolerant	Yes	cover, wind breaks	4-8"	5	\$5.0
Tamarack (Larch)	50-70/35-50	Fast	Intolerant	Yes	stream bank stablization (looses needles)	6-12"	5	\$7.0
Eastern White Pine	75-100 / 50-75	Medium Long lived	Intermediate	Yes	Wind breaks, bird habitat	7-10"	5	\$5.0
Blue Spruce	70-90/ 20-30	Slow, Long lived	Intermediate	NO	No native spruce in the state	6-9"	5	\$5.0
Shrubs/Smaller Trees	Height/Spread	Growth Rate	Shade Tolerance	e Native	Other Attributes	Size	Packet Size	Retail
American Elderberry	8-10 / 6-10	Medium	Intermediate	Yes	Edible	6-12"	5	\$5.0
Nine Bark	9/	fast	intermediate	yes	Bird Habitat for song birds, flowering	6-12"	5	\$5.
Flowering Dogwood	30-50 / 30-50	Medium	Very Tolerant	Yes	Spring flowers	6-12"	5	\$5.
Native Willow	varies	fast	Varies	yes	good for stream bank stablization	6-12"	5	\$5.
Paw Paw	25-35 /	Fast, Short lived	Tolerant	Yes	Large Edible Fruit	6-12"	5	\$7.
Persimmon	40-60 / 30-45	Slow, Short lived	Intolerant	Yes	Edible Fruit	6-12"	5	\$5.
Eastern Redbud	20-35 / 20-35	Slow, Short lived	Tolerant	Yes	Purple Flowers	6-12"	5	\$5.
American Plum	20-35 / 20-35	Fast, Short lived	Intolerant	Yes	Edible Fruit	6-12"	5	\$5.
American Hazelnut	6-12/8-15	Medium	Intermediate	Yes	Edible nut	14134		\$5.
Large Trees	Height/Spread	Growth Rate	Shade Tolerance	e Native	Other Attributes	Size	Packet Size	Retail
Black Walnut	80-100 / 75-100	Mod. Fast, Long lived	Intolerant	Yes	sensitive to soil conditions	6-12"	5	\$5.0
Black Gum	50-75 / 35-50	Slow	Intolerant	Yes	Brilliant early autumn color	6-12"	5	\$7.
Kentucky Coffeetree	60-100 /40-50	Med. Slow., Long lived	Intolerant	Yes	poisonous to animals(mine reclamation spp)	6-12"	5	\$8.
River Birch	50-75 / 35-50	Fast, Short lived	Intolerant	Yes	Tolerant of wet and poor soils	6-12"	5	\$5
Sugar Maple	75-100 / 75-100	Very Fast, Short Lived	Intermediate	Yes	adapts to many soil conditions	6-12"	5	\$5
Red Maple	60-90/40-70	Med. Fast	Tolerant	Yes	adapts to many soil conditions	6-12"	1	\$5.
Thornless Honey locust	50-75 / 50-75	Fast, Short lived	Intolerant	Yes	Thornless	6-12"	5	\$5
Tulip Poplar	75-125/35-60	Med. Fast	Inermediate	Yes	Has showy "flowers"	6-12"	70000	\$5
American Chestnut	75-115/	Fast, Long lived	Tolerant	Yes	One of the most drought resistant trees	6-12"	5	\$12
Chinkapin Oak	35-50/35-50	Slow, Long Lived	Intolerant	yes	Nut production	6-12"	5	\$5
Scarlet Oak	60-80/	Fast, Long lived	Intolerant	yes	Nut production	6-12"	5	\$5
Red Oak	70-100 / 70-100	Medium, Long Lived	Intermediate	Yes	nut production	6-12"	5	\$5
Swamp White Oak	60-80/40-60	Med-Fast	Intermediate	yes	Nut production	6-12"	5	\$5
			Res 182 1 192 1830 1830	0.000	to the second of	SEMEET.	1923	1000
White Oak	80-100 / 75-110	Slow, Long Lived	Intermediate	Yes	Tolerates a variety of soils	6-12"	5	\$5.

Drainage- The range of soil drainage classes in which the species is known to survive; the preferred conditions under which the species achieves best growth may be a narrower range; VPD= very poorly drained, PD= Poorly drained. SPD= somewhat poorly drained, MWD = moderately well drained, WD = well drained, SED= somewhat excessively drained, ED = excessively drained.

2015 TREE AND FISH SALE

The Jefferson Soil and Water Conservation District (JSWCD) annual Tree & Shrub Seedling Sale is under way and will continue through March. The objective of this program is to provide lowcost planting material to landowners to enhance the environment for future generations.

Species should be selected based on soil type at the planting site. Landowners can get planting advice from their local SWCD office or a private forestry consultant. Order early for best selection. Payment must accompany order. Orders must be placed on or before March 30, 2015, or until supplies are exhausted. Seedlings and plants can be picked up on April 16 (10am - 2pm) & April 17 (1pm - 5pm) at Nelson Fine Arts, 980 Lincoln Avenue in Steubenville, Ohio.

Trees available, along with some general info, are listed in the chart. Order form is to the right. For more information on JSWCD's Tree and Shrub Seedling Sale, contact JSWCD at (740) 264-9790. Information and form will also be available on our website at www.jeffersonswcd.org.

Limited quantities available. Orders are filled on a first-come, firstserved basis. Seedlings and plants are quality stock. Jefferson SWCD offers no guarantee of survival due to weather and planting.

JEFFERSON SWCD FISH SALE ORDER FORM

Description	Quantity	Price	Total	Name:
Largemouth Bass 2-3"		\$ 0.85/each		Address:
Bluegill 2-4"		\$ 0.75/each		CityStateZip
Catfish 4-5"		& 0.75/each		Phone #
Perch 2-3"		\$ 0.80/each		Email
Crappie 2-4"		\$ 0.85/each		
Shell Cracker (Red Ear) 2-4"		\$ 0.85/each		
Flathead Minnow 1-2"		\$ 0.07/each		SEND ORDER FORM & PAYMENT TO
White Amur 8- 11"		\$ 14.00/each		JEFFERSON SWCD, 500 MARKET
	Total	=	\$	STREET, MEZZANINE SUITE

FISH ORDER DEADLINE IS MONDAY, MARCH 30, 2015

Form STEUBENVILLE, Оніо 43952

Order Form

Name		
Address		
City	State	Zip
Phone		
Email	_	

	Item (all come in packs of 5)	Cost	Qty	Total
,	American Arborvitae	\$5		
	Tamarack (Larch)	\$7		
Ķ	Eastern White Pine	\$5		
I	Blue Spruce	\$5		
1	American Elderberry	\$5		
1	Nine Bark	\$5		
ı	Flowering Dogwood	\$5		
ı	Native Willow	\$5		
I	Paw Paw	\$7		
	Persimmon	\$5		
1	Eastern Redbud	\$5		
	American Plum	\$5		
1	Black Walnut	\$5		
1	Black Gum	\$7		
ı	Kentucky Coffeetree	\$8		
1	River Birch	\$5		
9	Sugar Maple	\$5		
-	Thornless Honey Locust	\$5		
/	American Chestnut	\$12		
0	Chinkapin Oak	\$5		
9	Scarlet Oak	\$5		
ı	Red Oak	\$5		
9	Swamp White Oak	\$5		
١	White Oak	\$5		
1	Bitternut Hickory	\$7		
,	American Hazelnut	\$5		
ı	Red Maple	\$5		
-	Tulip Poplar	\$5		
			Total	

For more tree information, please visit: http://forestry.ohiodnr.gov/trees

CROP PRODUCTION PARTNERSHIP INVITES CROP PRODUCERS

The Crop Production Partnership hosted its first evening workshop on January 15, 2015 at the Carrollton Ponderosa. Presenters focused on topics relevant to area crop producers, including fertilizer and manure spreading regulations, grassed waterways and filter strips, continuous CRP and crop insurance.

The partnership team is made up of Carroll, Columbiana, Harrison, Jefferson, Mahoning, Stark, & Tuscarawas County crop producers, Soil and Water Conservation District and Natural Resource Conservation Service staff. The group has been working to plan workshops and field days that provide information to local crop producers on important topics, such as cropping system conservation practices, weed control, cover crops, fertilizer application and more.

Another workshop is planned for the evening of Thursday, March 19th, and a field day will follow in mid-April.

For more information, or to receive workshop information, please contact 740-264-9790 or 330-627-9852.

FARMERS' GATEWAY MARKET AN OPPORTUNITY FOR LOCAL GROWERS

As planting time approaches, local farmers and growers are encouraged to keep the Farmers' gateway Market in mind as a selling opportunity this year. Coordination of the market is an effort to accommodate local farmers, growers and consumers who have other commitments during the traditional workday.

JSWCD Natural Resources Specialist Wendee Zadanski said that 'a key feature of the Farmers' gateway Market is that items for sale are grown, produced or raised in the local area. Visitors to the market should keep in mind that fruit and vegetable selection varies as the local growing season progresses. For a listing of vegetables and dates they are typically available in Ohio, customers can visit: http://www.ohioproud.org/docs/produceavailability.pdf

The market, coordinated by the Jefferson Soil and Water Conservation District, is held in the lower parking lot of Eastern Gateway Community College in Steubenville, on Wednesdays evenings from early summer through fall. Producers and consumers should stay tuned, as the 2015 market dates and selling hours will be announced soon.

Interested vendors can obtain a complete application packet, including the Market Rules and Seller's Agreement by calling the JSWCD office at (740) 264-9790.



EASTERN OHIO GRAZING COUNCIL HELPING PRODUCERS 'TURN KNOWLEDGE INTO ACTION'

If you raise livestock and are in search of ways to enhance or improve your grazing operation, the Eastern Ohio Grazing Council is a great place to start! The council, comprised of local producers, and assisted by the Soil and Water Conservation Districts and the USDA Natural Resources Conservation Service in Carroll, Columbiana, Coshocton, Harrison, Jefferson, Mahoning, Stark and Tuscarawas counties, offers assistance to landowners wanting to learn more about grazing and pastureland management.

The EOGC plans workshops and pasture walks to answer grazing related questions, share grazing ideas and encourage livestock producers to become more sustainable, both economically and environmentally. The events are an opportunity to interact with knowledgeable presenters, conservation staff and fellow grazers. Pasture walks are rotated to different counties monthly, and are scheduled for the fourth Thursday of each month, starting at 6 p.m.

The council's overall theme for 2015 is 'Turning Your Knowledge into Action.' The group kicked off its winter workshop series on January 22, focusing on winter pasture damage and utilizing feeding systems that help to reduce or avoid it. Workshops are also scheduled for February 26th and March 26th at the Carrollton Ponderosa beginning at 6:30 p.m. in the conference room. Pasture walks are scheduled to begin in the spring.

The EOGC invites producers to attend any of its monthly activities. For more information, or to receive pasture walk and workshop information, please contact the JSWCD. https://www.facebook.com/EasternOhioGrazingCouncil

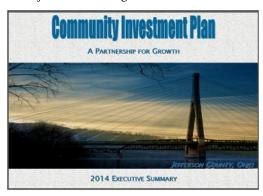
Pasture Walk at Cavanaugh family farm in Jefferson county, August 2014 Photo courtesy of Beth Kruprzak

2014 EXECUTIVE SUMMARY RELEASED

The Community Investment Plan (CIP) accomplished thus far in Jefferson County Valley Towers Building or you may contact is a member of the Implementation Team agencies, organized to guide the execution of a five officials" year plan developed to improve the lives of Chair, Jodee Verhovec. The Executive agencies, local citizens and local businesses, SWCD, School of Leadership and Public Affairs at Commerce, major goals and to identify the strategies to Port Implementation Team has met on a Steuben.

2014 Executive Summary is now available in cooperation with the partnerships formed a member of the Implementation Team. A to the public for viewing. Jefferson SWCD of local citizens, public and private digital version is also available for your local businesses and elected says Jefferson SWCD Board www.jeffersonswcd.org. county residents. The plan was originally Summary highlights many of the objectives developed in 2008 through an appointed 15- that were outlined in the Community member team consisting of public & private Investment Plan. In addition to Jefferson The Implementation along with support from the Voinovich also includes: Jefferson County Chamber of Jefferson County Regional Ohio University. This diverse representa- Planning Commission, BHJ Metropolitan tion worked together to establish three Planning Commission, Jefferson County Authority, Eastern Gateway move the county into the future. The Community College, and Historic Fort A copy of monthly schedule to work in a collaborative Executive Summary has been included as effort and to monitor progress. "We are an insert in this mailing. Additional copies very impressed by what has been are available in our office at the Ohio

viewing on our website



CIP 2014 Executive Summary Front Cover

OTHER INFORMATION

Please remember that Jefferson County Plat Books are available for purchase at \$20 each. The publication includes a map legend, aerials and landownership maps, a Jefferson County Road map, city maps, county road index, landowner index and many other features. Wall maps are also available at \$40 each. You can stop in person or call to reserve your copy.

DATES TO REMEMBER!

Listed below are important dates to remember. Mark them on your calendar! Please stay tuned to our website, Facebook page, and media releases for any updates.

Date	Event	Location	Time
February 17, 2015	OSUE -Pesticide Applicator Recertification Training	Harrison Hospital	6- 9pm
February 19, 2015	Tri-County Agronomy Day	Ohio FFA Camp Muskingum	9am-3:30 pm
February 26, 2015	Eastern Ohio Grazing Council Winter Grazing Workshop	Carroliton Ponderosa	6:30 PM
March 10, 2015	Fertilizer Certification	OSUE Office/Jefferson Co.	6- 9pm
March 19, 2015	Crop Production Meeting	ТВА	6:00pm
March 27, 2015	Jefferson SWCD Open House	500 Market St, Mezz. Ste 4, Steubenville	3-6pm
March 30, 2015	Tree Seedlings and Pond Stocking Fish Order Deadlines		
March 30, April 7, April 14	Harrison SWCD Grazing School	ТВА	ТВА
April 2, 2 01 5	Pond Stocking Fish Pickup	Jefferson SWCD parking lot, 500 Market Street	1-2pm
April 16, 2015	Tree Seedlings Pickup	Nelson Fine Arts 980 Lincoln Ave, Steubenville	10am-2pm
April 17, 2015	Tree Seedlings Pickup	Nelson Fine Arts 980 Lincoln Ave, Steubenville	1pm-5pm

Nonprofit Org. U.S. Postage PAID YLS

JEFFERSON SOIL AND WATER CONSERVATION DISTRICT OO Market Street

500 Market Street Mezzanine Suite 4 Steubenville, Ohio 43952



E-mail: imoore@jeffersoncountyoh.com

We are online! www.jeffersonswcd.org

MISSION STATEMENT

"To promote wise land-use management through technical and educational services in order to help people conserve and enhance the natural resource base for a better quality of life."

"The U.S. Department of Agriculture (USDA) & JSWCD prohibit discrimination in all programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or a part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD). To file a complaint of discrimination write to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410 or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer."



Jefferson Soil and Water Conservation District is now on Facebook! In an effort to grow our social media presence and outreach, Jefferson SWCD will be posting current and upcoming events, photos, informational articles & tips relating to natural resources and more. "The world continues to shift towards a digital avenue for updates and information," Jefferson SWCD Public Relations Chairman, Ken Perkins stated. "And many rely heavily on the Internet for their news. It's because of this, we at Jefferson SWCD feel it's necessary to establish a social media footprint."