

# CONSERVATION NEWS

Newsletter of  
the Defiance  
Soil & Water  
Conservation  
District



In Cooperation with the Defiance County Commissioners

## Winter 2010/2011

### Inside this Issue

#### Page 2

- \* Supervisor Sworn In
- \* Photo and Poster Contests
- \* Conservation Newsletter goes Electronic

#### Page 3

- \* Woodland Watch:  
Invasive Species

#### Page 4

- \* Fish Fingerling Order  
Form

#### Page 5

- \* Tree Seedling Order Form

#### Page 6

- \* Seedling Descriptions

#### Page 7

- \* Winter Word Puzzle

#### Page 8

- \* Upper Maumee  
Watershed Update

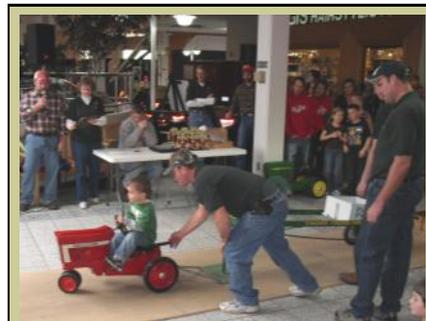
2011  
Fish Order  
Form Inside

## Farm Fair 2011

The Defiance Soil and Water Conservation District and the Tinora Young Farmers recently co-hosted the 25th annual Farm Fair event at the Northtowne Mall in Defiance, Friday through Sunday, January 14, 15, and 16.

Numerous activities were held throughout the weekend, including musical entertainment by the Scott Thomson Band, face painting and clowning around with the Chuckleberry Clowns, Matt Jergens Comedian & Juggler and the Kiddie Pedal Pull in which over 40 youngsters participated.

In addition to the numerous activities, many new and antique tractors and agriculture businesses were on display throughout the mall. We would like to thank all those who sponsored, participated and attended this year's event. We look forward to seeing everyone at next year's event.



A youngster participating in the annual Pedal Pull on Saturday.

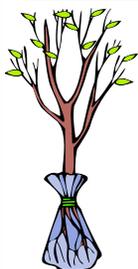


Matt Jergens presenting a juggling workshop for the children.

## 2011 Ag Appreciation Breakfast

The Defiance SWCD and the OSU Extension would like to invite the public to attend its 2<sup>nd</sup> Annual Agricultural Appreciation Breakfast on Tuesday, March 15 from 7:45-10:00 a.m. at the K of C Hall in Defiance for just \$2.00. Dale Minyo will be the featured speaker. For questions or to RSVP call the OSU Extension office at 419-782-4771.

## Tree Seedlings Sale 2011



The Defiance Soil and Water Conservation District is offering tree seedlings to residents in the area. Orders will be accepted until March 18, 2011. You are responsible for picking up your tree order in early April, 2011 at the Soil & Water Conservation District office, 06879 Evansport Road, Defiance. You will receive a reminder postcard through the mail, giving you the exact times you may pick up your order. Just complete the enclosed Order Form and send it back to our office with payment enclosed.

### Supervisor Sworn In

Incumbent Keith Schroeder (left) was sworn into office by Defiance County Commissioner, Jim Harris, on January 18, 2011. Elected to a three-year term, Keith joins Board Members Gary Mavis, Louis Shininger, Dan Vetter and Tom Beck in directing the Defiance SWCD's natural resource conservation programs.



The Ohio Federation of Soil and Water Conservation Districts was organized in 1943 to further the natural resource conservation mission of the state's 88 county-based SWCDs. As subdivisions of



state government, soil and water conservation districts have legal authority to assist landowners with a wide range of soil, water, woodland and wildlife conservation objectives. Another important goal is to provide information and education programs on natural resource conservation and management topics for county residents.

### District Hosts Photo and Poster Contests

Defiance County students in grades K-12 are encouraged to submit original photographs that depict natural resource related aspects of Defiance County in the categories of conservation, education, trees and plants, wildlife and landscapes. Entries are due by close of business Thursday, March 31, with awards presented to the first, second and third place participants in each category. Please visit the SWCD website or stop by the office for additional photo contest guidelines.



In addition, the annual poster contest is underway for grades K-12 within Defiance County. This year's theme, "Forests for People" provides students the opportunity to express their understanding of natural resource conservation through artwork. Starting at the district level, winners will advance to state and potentially onto national judging.

### "Conservation News" Goes Electronic

In an effort to reduce paper consumption and to reduce printing and mailing costs, the Defiance SWCD is offering subscribers the opportunity to have the quarterly newsletter, *Conservation News*, delivered in electronic format. The newsletter will be sent to your e-mail box in a PDF file format that can be viewed on all computers (free Adobe Acrobat Reader software can be downloaded if not currently installed on your computer).

To subscribe to the electronic version, please fill out the form below with your name, desired delivery e-mail address, and for verification, your current mailing address as it is printed on this mailing. You can also subscribe by sending an e-mail to [jasonroehrig@defiance-county.com](mailto:jasonroehrig@defiance-county.com) with the subject line "Subscribe to E-Newsletter" and including the above information within the e-mail. Please contact the District with any questions you have about switching to this new format.



**YES, I WOULD LIKE TO RECEIVE CONSERVATION NEWS VIA E-MAIL. PLEASE DISCONTINUE HARD COPY MAILINGS TO THE MAILING ADDRESS BELOW.**

NAME: \_\_\_\_\_

E-MAIL ADDRESS: \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

Return to: Defiance SWCD  
06879 Evansport Road, Suite C  
Defiance, OH 43512

## Woodland Watch: Invasive Species

With the Emerald Ash Borer affecting our area so detrimentally, landowners and homeowners need to keep a keen eye on their trees. A new invader, the Asian Longhorned Beetle (*Anoplophora glabripennis*) has been found in Chicago, New York, New Jersey, and Massachusetts. This invasive species is a threat to numerous maple species including; box elder, Norway red, silver, and sugar maples. Other species that are hosts include birch, Ohio buckeye, elms, horsechestnut, willows, European mountain ash, and poplars. Like the Emerald Ash Borer, the Asian Longhorned Beetle burrows under the bark of a host and lays its eggs. This girdling of the tree's living tissue can kill a tree within two to three years. For more information, visit [www.agriohio.gov/divs/palnt/caps/alb.aspx](http://www.agriohio.gov/divs/palnt/caps/alb.aspx) or the USDA-APHIS Asian Longhorned Beetle website at [www.beetlebusters.info](http://www.beetlebusters.info).



USDA Forest Service, Bugwood.org

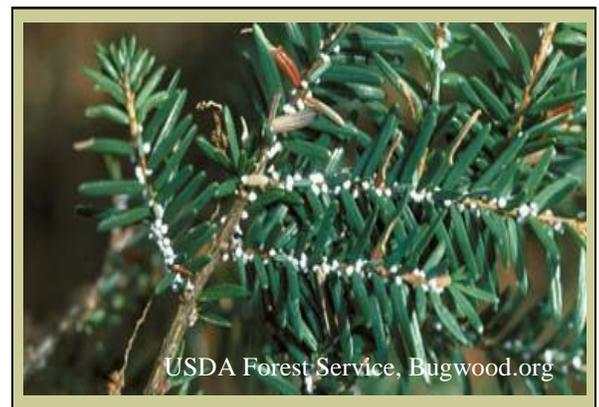


Colorado State University Bugwood.org

Another threat to black walnuts of the Midwest is Thousand Cankers Disease. The walnut twig beetle (*Pityphthorus juglandis*) is the carrier of the recently described fungal pathogen (*Geosmithia morbida*). Native to the Southwestern U.S. and the Arizona Walnut tree, the disease was confirmed among black walnuts in New Mexico in 2002. This past fall, several trees in Knoxville, Tennessee had been confirmed infected with Thousand Cankers Disease. This fungal infection affects the phloem of the tree and restricts the circulation of water and nutrients within the tree. Yellowing of the leaves and branch die-back are common signs with infected trees dying

within three years. Ohio has the third largest forest inventory of black walnut trees, behind Missouri and Kentucky. For more information, visit Purdue University's Fact Sheet at <http://pest.ceris.purdue.edu/searchpest.php?selectName=FDAAGFL>.

Ohio is currently under quarantine for Hemlock Woolly Adelgid, the quarantine is set up to reduce the risk from outside sources such as nurseries. The microscopic pest, originally from Asia, forms small white sacs that look like the end of a cotton swab on the branches. The bugs feed on the twigs and needles and suck the sap from the branches. Trees slowly decline from the pests and can take up to six years to completely die. If you wish to bring in hemlock nursery stock please contact a nursery inspector from Ohio Department of Agriculture (ODA) at 614-728-6400. Visit the Plant Pest Control section at the ODA website for more information, [www.agri.ohio.gov](http://www.agri.ohio.gov).



USDA Forest Service, Bugwood.org

### **SWCD Office Hours**

Mon.-Fri. 7:30 a.m. – 4:00 p.m.

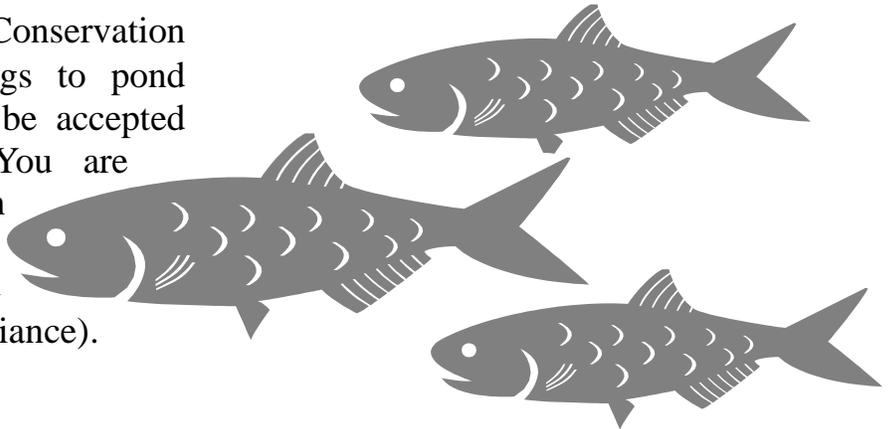
The SWCD Board of Supervisors holds its regular monthly meeting the 3rd Tuesday of each month and is open to the public. Please call the office for starting time.

The Defiance Soil and Water Conservation District and the US Department of Agriculture (USDA) prohibit discrimination in all their programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, and marital or family status. The USDA and Defiance SWCD are equal opportunity providers and employers.

# 2011 Fish Fingerlings Sale

The Defiance Soil and Water Conservation District is offering fish fingerlings to pond owners in the area. Orders will be accepted through Thursday, May 5<sup>th</sup>! You are responsible for picking up your fish on Thursday, May 12<sup>th</sup> at 2:30 p.m. at the Defiance SWCD office (06879 Evansport Road, Defiance).

**Payment must accompany order.**



<u>SPECIES</u>	<u>SIZE</u>	<u>PRICE PER FISH</u>	<u>QUANTITY</u>	=	<u>TOTAL</u>
Bluegill	2"-4"	75¢			
Red Ear Shellcracker	2"-4"	80¢			
Largemouth Bass	2"-3"	85¢			
Channel Catfish	4"-5"	80¢			
Yellow Perch	2"-4"	75¢			
Fat Head Minnows	1"-2"	5¢			
White Amur	8"-12"	\$13.00			
			<b>Total</b>	=	

Name \_\_\_\_\_ Telephone \_\_\_\_\_

Address \_\_\_\_\_

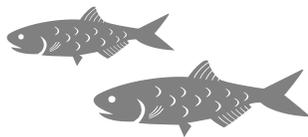
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

**Make checks payable to: Defiance SWCD**  
 Mail to: Defiance SWCD, 06879 Evansport Road - Suite C - Defiance, OH 43512

Retain this portion as a reminder that fish pick-up is **Thursday May 12, 2011 at 2:30 p.m.**

Please bring containers with your pond water the day of pickup.

5 gallons per White Amur  
 5 gallons per 25 fingerlings



Oxygen will be added to the bag for those traveling long distances.

<u>Stocking Rate for 1 Acre Pond</u>	
<u>Species</u>	<u>#/Acre</u>
Largemouth Bass	100
Bluegill	500
Channel Catfish	100
Perch	100
White Amur (depending on quantity and species of pond weeds)	5



# Tree Seedling Sale

(order deadline March 18, 2011)

**Packets**  
**Ordered**

**Packet Description**

**Price**

**Total \$**

_____	25 – American Arborvitae 12”-18”.....	\$25.00	_____
_____	10 – Colorado Blue Spruce 10”-18”.....	\$10.00	_____
_____	10 – Austrian Pine 8”-14”.....	\$10.00	_____
_____	10 – Norway Spruce 14”-18”.....	\$10.00	_____
_____	10 – Eastern White Pine 8”-14”.....	\$10.00	_____
_____	10 – Bald Cypress 12”-18”.....	\$10.00	_____
_____	10 – Sugar Maple 18”-24”.....	\$10.00	_____
_____	10 – Swamp White Oak 12”-18”.....	\$10.00	_____
_____	10 – Tulip Poplar 12”-18”.....	\$10.00	_____
_____	10 – Butterfly Bush 12”-18”.....	\$10.00	_____
_____	10 – Silky Dogwood 18”-24”.....	\$10.00	_____
_____	10 – Lynwood Gold Forsythia 12”-18”.....	\$10.00	_____
_____	Marking Flags (each).....	\$0.10	_____

**Grand Total \$** \_\_\_\_\_

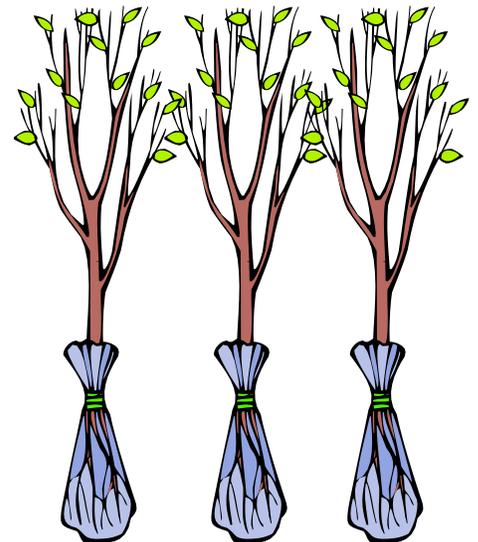
**Name:** \_\_\_\_\_

**Street Address:** \_\_\_\_\_

**City, State, Zip:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

Please make checks payable to: **Defiance SWCD**, 06879 Evansport Road, Suite C, Defiance, OH 43512. *All orders must be paid in full.* You will be notified in April when to pick up your trees.



**For Office Use Only:**

**Order Number** \_\_\_\_\_

**Receipt Number** \_\_\_\_\_



## Seedling Descriptions

### Evergreens

**American Arborvitae** - A pyramidal shaped tree (40-60 feet) that grows well in a wide range of soil and drainage conditions. Excellent for screens and windbreaks since it is dense and full to the ground. Recommended spacing for windbreak planting - - 6 feet.

**Colorado Blue Spruce** - A dense conical evergreen (80-100 feet) with stout, prickly 3/4 inch - 1 1/4 inch needles, bluish green to bright silvery blue in color, radiating around the stem to form a brush-like mass. Adaptable, it prefers rich, moist soil, full sun, but thrives in dry well-drained sites. Recommended spacing for windbreak planting - - 12 feet.

**Austrian Pine** - A fast growing 2 needled pine (60 feet), needles 4 - 6 inches long, sharp pointed, persisting 4 years. Outline is pyramidal, becoming more open and irregular with age. Will grow in heavy clay to light, sandy soils. Recommended spacing for windbreak planting - - 12 feet.

**Norway Spruce** - An extremely attractive (60 feet) pyramidal evergreen with strong weeping branches that extend all the way to the ground. Needles are shiny green 1/2 - 1 inch long and flat. One of the fastest growing of all spruces. Recommended spacing for windbreak planting - - 12 feet.

**Eastern White Pine** - Pyramidal in youth, this (75-100 feet) shade tolerant tree forms a graceful plume like crown at maturity. Fast growing in a wide range of soil types. Needles occur in 5's, 3 - 5 inches long, soft, rich green to bluish green. Recommended spacing for windbreak planting - - 12 feet.

**Bald Cypress** - Pyramidal with heavy straight trunk, this (50-70 feet) tree has branches that are distinctly horizontal. It is very adaptable to wet or dry sites. Foliage is spirally arranged along the stems. New growth is a very light green turning a softer but darker green in summer. Fall color is a rich brown. Recommended spacing for windbreak planting - - 12 feet.

### Hardwoods

**Sugar Maple** - Mature trees (80 - 100 feet) with short trunk, dividing into several sub-trunks. Long slender branches sweep downward and then curve gracefully upward. A 10 year old tree is typically about 15 feet tall. The fall color is often spectacular, ranging from bright yellow through orange to fluorescent red-orange. The sugar maple can grow comfortably in any type of soil, except sand.

**Swamp White Oak** - A medium sized tree (65-80 feet) with dark green leaves and a whitish gray bark. It can survive in a variety of habitats. It grows rapidly and can live for 350 years. The acorns that fall from the tree are eaten by squirrels, chipmunks and deer. The Swamp White Oak is valued for its timber products such as furniture, flooring and cabinet making.

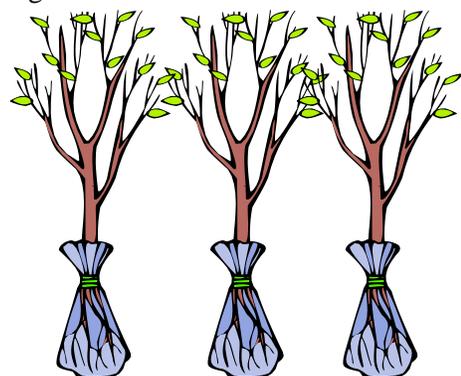
**Tulip Poplar** - A large tree (100 + feet) that is fast growing without the common problem of weak wood strength. Prefers moist soils and is relatively flood tolerant. It is a magnificent tree that has beautiful bright green leaves that turn a butter yellow in the fall. The tulip like flower has a yellow outside with an orange band and produces large quantities of nectar. The Tulip Tree is valued for timber products due to its strong, straight trunk.

### Shrubs

**Butterfly Bush** - A short growing (7 feet), sprawling shrub that is adaptable to all seasons. This shrub performs best in wet soils but can adapt to dry soils in the summer. Prefers full sun. It is easily recognized in summer by its globular, pure white flowers. Its glossy foliage, which emerges late as compared to other woody plants (mid-spring), is a second ornamental feature.

**Silky Dogwood** - A slow to medium growing (10 feet) branched rounded shrub with yellowish-white flowers in May, pale blue berries in the fall along with dense foliage which turns red. This shrub performs best in wet soils but can adapt to dry soils in the summer. The berries attract birds.

**Lynwood Gold Forsythia** - An old time favorite (6 - 8 feet) with an upright spreading habit and big yellow flowers up the entire length of the stem. The flowering stems appear as deep golden wands in April. It is excellent for hedging, fast growing and tolerant of moist soils but will perform the best when planted in well drained soils. Lynwood Gold forsythia grow best in the full sun to light shade.



## Winter Word Puzzle

Now that blustery winter conditions are upon us, many of us have headed indoors to keep warm. Complete the word puzzle and mail it back to the SWCD office by February 25, 2011. An entry will be randomly drawn and awarded a Farmer's Almanac Calendar and two Puzzles to get you looking forward to spring. The winner will be notified, and can pick up their prize at the SWCD office. Thanks for reading and Good Luck!

R S U F T K I S P O F M D S F  
 O A O O B J N R Z F U O L R R  
 N P I G V O B R F B L S O P O  
 E S T N W J E U N L L U C L Z  
 L F E F E T A R G I M O R R E  
 D F A I N T S O R F O P U R N  
 S L O I R X Q D L L O W J T Y  
 L Q W J S R C S N F N L I Z N  
 P T U C A T E R P I L L A R M  
 F E R I L V O B A E W B F V U  
 Y G E L R T Y Y A Z V T B R T  
 D X A L A R R V M I L D Q K U  
 U F G A T H E R P M D A Y M A  
 J Y M J P S T L U I E Y V S W  
 Q K B S M D Q Y S H P U F P R

AUTUMN   
 BERRIES  
 CATERPILLAR  
 COLD  
 FALL  
 FLURRY   
 FOG  
 FROST  
 FROZEN  
 FULLMOON  
 GATHER  
 LEAVES   
 MIGRATE  
 MILD  
 RAIN  
 SNOWFALL  
 SQUIRRELS  
 WINDS  
 WINTER 

Name: \_\_\_\_\_

Phone Number \_\_\_\_\_

## Congratulations

The Fall Issue of "Conservation News" prize giveaway was awarded to Ryan Singer from rural Ney. Ryan received a gift certificate for a pumpkin pie, a Defiance SWCD lunch bag and baseball cap for completing and sending in the word puzzle. It's that simple, just complete the puzzle above and send it in for your chance to win this edition's prize.

Ryan's name was drawn from the several hundred submitted by newsletter readers from across the area. We thank everyone for their participation and wish everyone good luck in future puzzles.



# CONSERVATION NEWS

## Defiance Soil and Water Conservation District

06879 Evansport Rd., Defiance , Ohio 43512

Phone 419-782-8751 Fax 419-782-1791

Website: [www.defiance-county.com](http://www.defiance-county.com)

NON-PROFIT ORG.  
U.S. POSTAGE PAID  
PERMIT #281  
DEFIANCE, OHIO

### Board of Supervisors

Keith Schroeder

Gary Mavis

Dan Vetter

Louis Shiningier

Tom Beck

### District Personnel

Jeff Ankney

Terri Agler

Ben Gerken

Deb Mosier

Jason Roehrig

Jen English

Kip Studer (WLEB)

Bill Grimes (part-time)

Kevin Hancock

Ed Walters

Dave Sines (part-time)

### NRCS Personnel

Steve Snyder

Lori Shank

Mike Boff

## Upper Maumee Watershed Partnership Update

The Defiance SWCD was awarded a 4 year ODNR grant for the purpose of hiring a full time watershed coordinator to lead the Upper Maumee Watershed Partnership. This new position will be responsible for organizing watershed planning, the development of a watershed action plan, conducting educational outreach and implementing protection and restoration activities within the Upper Maumee River Watershed. The Defiance SWCD is very excited about this opportunity and it will be huge asset to our goal of protecting and improving the Upper Maumee River Watershed.



In other watershed news, the Upper Maumee Watershed Partnership recently hosted a meeting for the Northwest Ohio Watershed Council (NOW Council). The meeting was held at the Evergreen Lane Office Complex Conference Room and was participated by representatives from the Upper Maumee Watershed Partnership, The Nature Conservancy (TNC), DeKalb SWCD, Defiance City, Ohio DNR - Division of Coastal Management, Lake Erie Waterkeepers and Environmental Defense Fund (EDF).

Doug Pearsall, from TNC, was the primary speaker and discussed the development of a Lake Erie Biodiversity Plan. Mr. Pearsall set up a timeline and approach for the plan, based on experiences from Huron and Ontario Lakes. The group had a discussion about the issues affecting the Upper Maumee Watershed including; invasive species, agricultural runoff, sub-surface drainage and other issues that need to be addressed within the plan. The meeting was very productive and a good chance for multiple groups to discuss water quality issues in Northwest Ohio.