



Centre County Conservation District
414 Holmes Avenue, Suite #4
Bellefonte, PA 16823

Winter, 2005

Volume 18, No. 1

Conservation Conversation

Low Impact Design in Centre County Watersheds Workshop—March 16, 2005



Inside this issue:

Low Impact Design Workshop	1
Removing Debris from Streams	2
Upcoming Events and Meetings	3
2005 Seedling Sale—Tree Descriptions	3-4
2005 Seedling Sale Order Form	5

The Centre County Conservation District and the Centre County Planning Office will co-sponsor and present a Low Impact Design Workshop this spring.

The Centre County Conservation District has provided numerous education and outreach training sessions for the public.

These past workshops have traditionally centered on agriculture or on erosion and sediment issues. With this innovative workshop, we wish to address the role that low impact design can play in watershed protection. We hope to provide valuable information to a broader audience that will include developers, municipal officials, homeowner's associations, nursery personnel, landscapers, and members of watershed groups.

Low Impact Design is an ecologically friendly approach to site development and storm water management that aims to mitigate development impacts to land, water, and air by conserving or replacing natural systems. Workshop topics to be covered include infiltration techniques, storm water issues, concerns in karst geology, low impact approaches, principles, techniques, and maintenance.

This day-long workshop, will be held at the Patton Township Municipal Building at 100 Patton Plaza, State College, PA on March 16, 2005, from 9:00 AM until 3:30

PM. Lunch will be provided to participants who register in advance. The deadline for registration is Thursday, March 10, 2005. Registrations can be made by contacting the Centre County Conservation District Office at (814) 355-6817. (Also, see the district web site at <http://co.centre.pa.us/conservation/index.htm> for more information).

Financial and other support for this project is provided by the Pennsylvania Association of Conservation Districts, Inc., the Pennsylvania Department of Environmental Protection's Chesapeake Bay Program, the Centre County Conservation District, and the Centre County Planning Office.

Mission Statement

- The Centre County Conservation District is a committed, professional agency functioning as the primary local source of assistance to all individuals and organizations who benefit from the county's natural resources that we collectively strive to sustain and improve.

DEP Clarifies Rules for Removing Debris From Regional Streams

Environmental Protection Regional Director Robert Yowell reminds area residents that debris from last fall's flooding can be removed from creeks and streams without obtaining a DEP water obstruction and encroachment permit if proper guidelines are followed.

No DEP permit is required as long as no vehicles enter the water.

Large woody debris may require machinery operating in the stream to remove them, and this activity would require written authorization from DEP. Property owners or municipal officials ready to perform such work should contact DEP's soil and waterways section at (570) 327-3700 to arrange for written authorizations. However, there is no DEP funding available to assist with this type of removal work.

Removal of gravel bars does require a DEP permit because of the need to use machinery in the stream channel.

DEP is encouraging property owners to remove trees and tree limbs wherever possible to protect their own property as well as public roads and bridges that could be damaged from flooding.



Water Street in Bellefonte-September, 2004—photo courtesy of Todd Giddings

Landowners can cut up trees in place and remove them from the creek, or they can pull the tree trunks and branches out of the water before cutting them up.

As a result of last fall's flooding, many streams have downed trees, limbs, stumps and log jams. The debris could damage culverts and bridges if it moves downstream during the next high water.

For more information on flooding, visit DEP's web site at www.dep.state.pa.us, Keyword DEP Flood Protection.

Reprinted from the 10/29/04 Department of Environmental Protection (DEP) newsletter website.

Local Foods Connection

Making the Connection

Expanding Markets for Locally Produced Food in
Central Pennsylvania

Monday, March 21, 2005

9:30 AM—2:30 PM

Sam Hayes Livestock Evaluation Center

Route 45—Rock Springs.

\$5.00 participant fee includes refreshments, lunch and all education materials.

\$25.00 Trade Fair booth fee includes booth space, registration fee, refreshments, and lunch

For more information call Ann Donovan at (814) 355-6817

2005 Central Pennsylvania Crops Conference

March 12, 2005 from 9:30 AM to 3:00 PM

Penns Valley High School on Rt. 45 east of Centre Hall

Some of the topics include: Seed Stewardship, Liability of Doing Spray Application, Emergency Management of the Farm, Ag Land Preservation and Farm Management Issues, No-till Management of Compacted Soils and Impacts on Diseases and Weed Control, Management of Manure on no-till, Soybean Runs, Pesticide Products and Management, Forage Quality, Food, Feed, and Livestock Issues From the Flood

Sponsored by the Penn State Cooperative Extension in cooperation with area Crop Service Industry Representatives. For more information and a registration form, contact the Penn State Centre County Cooperative Extension office at (814) 355-4897

Upcoming Events/Meetings

- March 16, 2005—Low Impact Design Workshop
March 21, 2005—Local Foods Connection Summit
March 21, 2005—Seedling Order Deadline
March 29, 2005—The Municipality's Role in Agriculture & Conservation Workshop
April 15 and 16, 2005—Distribute Seedlings at Centre Hall Grange Fair Grounds
April, 2005—Conservation Poster Contest
May 11, 2005—Centre County Envirothon, Bald Eagle State Park
May 23 and 24, 2005 Pennsylvania Envirothon, Bloomsburg University & Montour Preserve
Centre County Chapter—PA Senior Environment Corps—2nd Wednesday of the Month
9:30 AM—Willowbank Cafeteria, Bellefonte
Penns Valley Conservation Association—Quarterly Meeting—To be announced
Beech Creek Watershed Association—3rd Monday of the Month
7:00 PM, Beech Creek Municipal Building, Beech Creek
Spring Creek Watershed Community—3rd Tuesday of the Month
7:00 AM-Patton Township Building
Spruce Creek Watershed Association-3rd Tuesday of the Month
6:30 PM-Warrior's Mark Methodist Church, Warriors Mark
Moshannon Creek Watershed Coalition-4th Tuesday of the Month
7:00PM-RushTownship Building, Philipsburg

2005 Seedling Sale—Descriptions

EVERGREENS

Colorado Blue Spruce—Stiff, sharp-pointed, four-angled needles are a half to one inch long. They range from dull grey-green to blue-green or silvery white depending on the location and age of the tree.

Austrian Pine—Graceful very hardy, rapid growing evergreen with rugged horizontal branches. Endures heat and cold, is tolerant of dust and smoke, and grows well in a variety of soils. Good for Christmas trees, windbreak and soil erosion control.

Fraser Fir—Cones adorned with bracts whose three-part tips project obviously from between the scales. A good Christmas tree as they are well shaped and hold their needles.

Canadian Hemlock—Linear, to 1/2 inch long, dark green above, with two white bands beneath. Bark is purple gray, with scaly ridges; an egg-shaped, pale brown

hanging cone to 3/4 inch. Height up to 100 feet.

American Red Pine—A tall northern tree with 4"-6" flexible dark green needles in 2's. Twigs more or less smooth. Cones 1 1/2"-2 1/2" long; scales thornless. Bark plates yellow-red. Heights 50'-80'. A beautiful tree widely used in reforestation. Often called Norway Pine but native only to N. America. A very hardy pine, growing well in a variety of soils. Good as an ornamental or as a windbreak.

White Spruce—An extremely hardy evergreen with short bluish-green needles. A rapid grower preferring well drained loam, but is successfully planted in most other soils. Makes a beautiful Christmas tree, ornamental specimen, when planted as a single, or stately windbreak planted in rows.



2005 Seedling Sale—Descriptions

(continued from page 3)

HARDWOODS

Scarlet Maple—A handsome native tree growing to 50 to 60 feet, developing a round head of green leaves with silver undercolor. Silver-gray bark, with leaves turning brilliant crimson in the Fall. Grows well in all soil types.

Japanese Whitespire Birch—A narrow, pyramidal, white-barked birch that is tolerant to high temperatures and resistant to the bronze birch borer. Thrives in a wide range of soil conditions. Chalk white bark does not exfoliate. Glossy leaves turn yellow in Autumn.

Bartlett Pear— A large, heavy-bearing variety, with excellent quality. Long considered one of the choicest canning varieties. Bartlett accounts for about 75% of the pear production in the United States and Canada. A favorite for all uses, Bartlett requires cross pollination and ripens in late August.

Beurre Bosc Pear— A large russeted pear with white flesh and a rich, delicious flavor. Tree is a slow grower but very productive. Ripens in mid-September, good for canning and fresh eating. Ideal pollinizer for Bartlett.

FRUIT TREES

All fruit trees are semi-dwarf and grow to a height of approximately 20 to 25 feet.

Crimson Gala Apple—Intense coloring striped strain of Gala. A precocious annual bearer with upright growth habit producing strong wide angle crotches. Recommended for northern growing districts where full color with a prominent stripe is desired.

Golden Delicious Apple—A russet resistant selection of the original Golden Delicious. One of the most widely planted apple cultivars worldwide. Fruit is firm, medium to large with the classic Golden Delicious flavor. The tree is spreading, productive

John Boy Peach— This peach has now claimed a prominent status as a commercial peach variety. Fruit is of very high quality ripening ten to fourteen days before Loring with better color. Fruit is large and very firm. The tree is vigorous and productive with good resistance to bacterial leaf spot.

Montmorency Cherry—This tart cherry variety has long been recognized as the standard of the industry. Montmorency is planted throughout North America and is considered the best tart cherry for the processing market. The fruit is bright red, medium in size, with a clear, juicy flesh. The trees are self-fruitful, winter hardy, and very productive.

"I never before knew the full value of trees. Under them I breakfast, dine, write, read and receive my company."

-THOMAS JEFFERSON



2005 Seedling Sale

****Proceeds are used to sponsor Environmental Education Programs in Centre County****

2005 Tree Seedling Sale Order Form

Order Deadline—**March 21, 2005**

Please **complete the order form and send with your payment** to: Centre County Conservation District, 414 Holmes Avenue, Suite #4, Bellefonte, PA 16823

Name _____

Address _____

Town/State/Zip _____

Phone _____

Seedling Pickup is **Friday April 15 from 3:00 PM until 5:00 PM** and **Saturday April 16 from 9:00 AM until 11:00 AM** at the Centre County Grange Fair Grounds in Centre Hall, PA.

Orders will be prepackaged.

You will receive a reminder notice approximately two weeks prior to the date you are to pick up your order.

WE ARE NOT RESPONSIBLE FOR QUALITY OR SIZES OF THE SEEDLINGS RECEIVED FROM OUR SUPPLIER OR ANY SEEDLINGS NOT PICKED UP ON DISTRIBUTION DAYS.



Seedlings: (10/bundle)	Cost per Bundle	# of Bundles	Cost for 100	Total
Colorado Blue Spruce—3 yr. seedling—7-14"	\$7.00		\$56.00	
Austrian Pine—3 yr. seedling—10-18"	\$10.00		\$80.00	
Fraser Fir—3 yr. seedling—7-14"	\$8.50		\$68.00	
Canadian Hemlock—3 yr. seedling—10-16"	\$10.00		\$80.00	
American Red Pine-3 yr. seedling-7-14"	\$10.00		\$80.00	
White Spruce—3 yr. seedlings—10-18"	\$8.50		\$68.00	
Scarlet Maple—12-18"	\$11.50		\$92.00	
Japanese Whitespire Birch-12-18"	\$11.50		\$92.00	

All fruit trees are semi-dwarf and grow to a height of approximately 20 to 25 feet at maturity, depending on pruning practices. Each tree when picked up at the Grange Fair Grounds will be approximately 4 to 6 feet in height.

Species	Price per pkg. or tree	# Pkgs.	Total
<u>1 each for pollination</u> Crimson Gala Apple Golden Delicious	\$26.00		
<u>1 each for pollination</u> Bartlett Beurre Bosc Pear	\$24.00		
John Boy Peach	\$13.00		
Montmorency Cherry	\$13.00		

Subtotal: _____

6% Sales Tax: _____

Total: _____



**CENTRE COUNTY
CONSERVATION DISTRICT**

414 Holmes Avenue
Suite #4
Bellefonte, PA 16823

Phone: 814-355-6817
Fax: 814-355-8696
Email: RESWEITZ@CO.CENTRE.PA.US

Website: [www.co.centre.pa.us/
conservation/index.htm](http://www.co.centre.pa.us/conservation/index.htm)



STAFF

Robert E. Sweitzer, District Manager
Karen Swanson, Department Clerk III
Joy Teeter, Department Clerk I
John Wataha, Agriculture Conservation/
Nutrient Management Technician
Ann Donovan, Watershed Specialist/
Education Coordinator
Beth A. Hirt, Chesapeake Bay Technician
Jim Coslo Jr., Resource Conservation
Supervisor
Mike Philippe, Resource Conservation
Coordinator II
Don Eligman, Resource Conservation
Coordinator
Bruce E. Jankura, Resource Conservation
Coordinator

Board of Directors

Gerald Brown, Chairman
Steve Scott, Vice-Chairman
Steven G. Dershem, Commissioner
George Hildenbrandt
Donn Fetterolf
Tom Boldin
Cinda Corl

**USDA-Natural Resource Conservation
Service**

(570) 726-3196 or (814) 355-2447
Terrance (Abe) Repine, Supervisory District
Conservationist
Greg Boyd, Engineering Technician
Mary Kerstetter, Resource Conservationist
Jill Thomas, Resource Conservationist
Daina Beckstrand, Biologist

Centre County Conservation District
414 Holmes Avenue
Suite #4
Bellefonte, PA 16823

Non-Profit Organization
U.S. Postage
PAID
State College, PA
Permit No. 41



2005 Seedling Sale Order Form Enclosed