

CONSERVATION COMMENTS

Preble Soil and Water Conservation District

1651 North Barron Street, Eaton, Ohio 45320-1021

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NOVEMBER 2011

BOARD OF SUPERVISORS

Dan Hays
Lewis Jones
Donn Kolb
James Leedy
Keith Schmidt

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Jason Chappel - District Tech.
BJ Price - Education/Tech.

NATURAL RESOURCES CONSERVATION SERVICE

Dennis Bunger - DC
Paul Decker - CET

PHEASANTS FOREVER/ FARM BILL BIOLOGIST

Erik Lewis

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Preble SWCD
Web Address:
www.prebleswcd.org

Open House - You're Invited to Attend the 62nd Annual Meeting and Election

The 62nd Annual Meeting and Election will be held on November 15th at the Preble SWCD Office, 1651 North Barron St. in Eaton. An Open House forum will be held from 4:00 p.m. to 7:00 p.m.; light refreshments will be available. Activities to take place at the meeting will consist of a supervisor election, recognition of the "Outstanding Cooperator" and this year's "Hall of Fame" inductee. We will also be highlighting the accomplishments of the District in 2011.

There are two supervisor positions to be elected this year. Voting will take place from 4:00 p.m. to 7:00 p.m. at the Open House. Absentee ballots are also available in the office. Candidates for this year's election are: Kip Denlinger, Dan Hays, and Don Jackson.

Eyler/Murphy Family Farms is being honored as the "Outstanding Cooperator" and The Preble County Historical Society will be inducted into the Preble SWCD "Hall of Fame". They will be recognized at 6:00 p.m.

ELECTION LEGAL NOTICE

The Ohio Soil & Water Conservation Commission will cause the election of Supervisors for the Preble Soil & Water Conservation District to be held in accordance with Chapter 1515 of the Ohio Revised Code.

Residents or landowners, firms, and corporations that own land or occupy land in Preble County and are at least 18 years of age may vote for Supervisor. A non-resident landowner, firm, or corporation must provide an affidavit of eligibility, which includes designation of a voting representative, prior to casting a ballot.

There are three ways an eligible voter can cast a ballot: (1) at the Annual Meeting, which will take place Tuesday, November 15, 2011 from 4:00 p.m. to 7:00 p.m.; (2) at the SWCD office until 2:00 p.m. on November 15, 2011; or (3) vote absentee by requesting the proper absentee request forms from the SWCD office. Absentee ballots must be **received** in the Preble SWCD Office (**not postmarked**) no later than 2:00 p.m. on the day of the election.

Two Supervisors will be elected.



To Request an Absentee Ballot - Anyone who wishes to vote absentee in the election for District Supervisor may request an absentee ballot from the District. To receive an absentee ballot request form, please call the Preble SWCD Office at (937) 456-5159.

Asian Longhorned Beetle Found in Ohio

Joe Boggs, OSU Extension, Assistant Professor, Entomology, and Amy Stone, OSU Extension, EAB and ALB Statewide Coordinator

The United States Department of Agriculture (USDA) and the Ohio Department of Agriculture (ODA) announced in June, 2011, that an Asian Longhorned Beetle infestation was found in Clermont County, Ohio. This is the first ALB infestation found in Ohio trees. Consequently, the Governor of Ohio signed an Executive Order restricting the movement of hardwood logs, firewood, stumps, roots, and branches out of Tate Township and the nearby East Fork State Park.

The beetle has the potential to cause almost unprecedented damage to trees in North America. First, it is a tree killer; infested trees do not recover, they are continually re-infested until dead. Second, the beetle has a very wide host range, consisting of all species of maples (e.g. sugar, silver, red, Norway, box elder) as well as birches, elms, willows, horsechestnuts, and buckeyes. Trees occasionally attacked include ashes, mountainash, hackberry, katsura tree, London planetree, mimosa, and poplars. Lastly, there are no known natural enemies of ALB in North America.



Adult Asian
Longhorned Beetle

ALB is a large, striking looking beetle; adults measure 1-1 1/2" in length. The beetles are commonly called "longhorned" because of their extremely long antennae, which are longer than the beetle's body and have alternating black and white bands. The bullet-shaped beetles are shiny black to dark blue and covered with numerous irregularly-shaped and -sized white spots; they look like someone has tried to dab on the spots with a frayed brush. One of the Chinese common names for the beetle translates to the descriptively named "starry night beetle."

ALB produces a single generation per season and the beetle is not capable of surviving the winter in the adult stage; all other stages (eggs, larvae, pupae) are capable of overwintering. Adults have been reported to emerge from June to October. Adult emergence holes are circular and very large, measuring around 3/8"-1/2" in diameter. Although the beetles are capable of flying several hundred yards in search of a suitable host, they prefer to remain close to the tree from which they developed in order to re-infest the tree if it will support another generation. After mating, ALB adult females chew circular to oblong shaped 3/8" wide egg-laying pits into the bark and phloem. A single egg is deposited into each pit; a female lays an average of 35 eggs during her lifetime. The egg-laying pits and adult exit holes, if found on living branches and stems, are strong indicators for an ALB infestation.



Tree with multiple
ALB exit holes

ALB larvae tunnel through and feed on phloem tissue. Their feeding activity produces weeping cankerlike symptoms on the bark. As the larvae mature, they bore deep into the white wood. The wood boring activity produces two additional indicators of an ALB infestation. The first is coarse, white, sawdust-like frass that is exuded from the infestation sites. The second is branch and stem breakage.

When people think of ALB in Ohio, they may also be thinking of Emerald Ash Borer (EAB). However, comparing the two beetles is like comparing apples to oranges. First, the much smaller EAB adults love to fly and they easily disperse. ALB adults hate to fly because they are much larger and it costs them more energy. The beetles tend to stay with an infested tree until the tree is killed. Consequently, ALB does not spread very fast.

Second, EAB is now found in multiple locations in North America and there are numerous large infestations; the beetle represents a clear danger to ash trees throughout Ohio. ALB has only been found in one location in Ohio. Although the beetle was first detected in North America in 1996, most infestations discovered thus far are distinct with mostly small populations. Finally, the management strategy for ALB throughout North America is eradication with the overarching goal for ALB to be eliminated from Ohio. Eradication of ALB has been successful elsewhere, but there is no hope for eradicating EAB.

Early detection is key to successfully eradicating ALB in North America; an accurate identification and diagnosis is essential to eradication. A special toll-free telephone number has been established by the ODA for Ohioans to report suspected ALB infestations or suspiciously large black and white beetles. The number is: 1-855-252-6450.

- Thanks to OSU Extension and beetlebusters.info for information and photos contained in this article -

Preble Soil & Water Conservation District
1651 N. Barron Street
Eaton, OH 45320-1021

Non-Profit Organization
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Return Service Requested

Mark Your Calendars!
Preble SWCD Annual
Meeting/Open House
November 15th
4:00 p.m. to 7:00 p.m.
Held at Preble SWCD Office

All programs and services of the Preble SWCD are offered on a nondiscrimination basis, without regard to race, color, national origin, religion, sex, age, or handicap.

Meet the Supervisor Candidates



Kip Denlinger is a self-employed farmer, growing 1100 acres of corn and soybeans. He farms using no-till. Kip and his wife, Sarah, live on Oxford-Gettysburg Road. They raise purebred Shorthorn brood cows and sell club calves.

Kip is a Farm Bureau member, having served six years as a Board Member. He is also a member of the Ohio Cattlemen's Association. Kip has taken coursework in Grain Marketing from The Ohio State University.

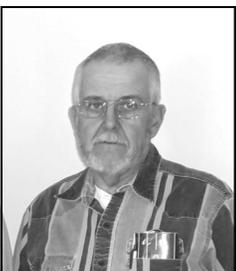
Kip has worked with landowners in the past to install Grassed Waterways.



Don Jackson is a self-employed farmer, growing 1350 acres of corn and soybeans. He farms using no-till and vertical tillage. Don and his wife, Beth, live on State Route 725 west of Camden with their children Brien, Dan, Craig, Miranda and Matthew. He feeds hogs on contract.

Don Graduated from Eaton High School. He serves as the Assistant Chief for the College Corner Fire Department, and also as a Trustee for the Hopewell Church. He is a past Director for the Preble County Fair Board.

Don has installed Grassed Waterways in the past. If elected as a Supervisor, Don looks forward to overcoming the challenges of installing conservation practices with limited funding.



Dan Hays is a self-employed farmer, growing 800 acres of grain crops along with his son Paul. He uses no-till almost exclusively, along with a program to use reduced rates of pesticides. Dan and his wife, Maribeth, live on Israel Somers Road and have three grown sons: Paul, Donald, and Dennis.

Dan is a member of the Fairhaven Community Church, where he serves as an Elder. He also is a Farm Bureau member. Dan currently serves on the Preble County Rural Zoning Commission. He has served as a Preble SWCD Supervisor since 1994.

Dan has worked to establish Grassed Waterways, and has utilized Nutrient Management to reduce fertilizer runoff.