



HORT SHORTS

Winter 2004



OSU at Toledo Botanical Garden

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The Ohio State University,
The United States
Department of Agriculture,
and Lucas County
Commissioners Cooperating

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Urban & Consumer
Horticulture Program
Funded by:

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Lucas County

Amy K Stone

Amy K. Stone, Ext. Agent
Urban & Consumer
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Buggy Updates

Gypsy Moth Update



The Ohio Department of Agriculture has finalized their field work by counting gypsy moth egg masses this season. In order for an area to qualify there must be at least 250 egg masses per acre within a 50-acre contiguous block.

The only area in Lucas County that qualified this year is the Swanton/Valleywood Golf Course area. The spray treatment block has Valleywood Golf Course basically in the center, surrounded by residences North to Brindley, West to Route 64, South to Monclova Road, and East to Scott Road.

For all interested parties, there will be a **Gypsy Moth Open House, on Thursday, February 19th between 4:00 p.m. - 7:00 p.m.** at the Swanton Township Hall, at 13410 Airport Highway. Representatives from the Ohio Department of Agriculture, and OSU Extension will be there with maps of the treatment area, and will be available to answer all of your questions.

Please feel free to call our Gypsy Moth Hotline at 419-243-MOTH (6684) if you need any further information.

Emerald Ash Borer

We're not sure what to expect come May when the emerald ash borer adults begin to emerge, but we're keeping our fingers crossed that the eradication efforts last winter have stopped this exotic invader in its tracks in Lucas County. Outliers have been confirmed in Defiance, Paulding, Wood and Franklin Counties this past summer and fall.

The Ohio Department of Agriculture and the Ohio State University Extension's "Extension Nursery & Landscape Turf (ENLT) Team has taken the stance at
(Cont'd)

This publication is provided to assist you in receiving horticultural information necessary to enhance the quality of life for you and your family. If you have any additions or deletions to our mailing list - please call Amy Stone or Barbara Northrup at 419-578-OSUE (6783) or visit our website at <http://osutbg.osu.edu>. If you would prefer receiving an email to get this publication on line please email northrup10@ag.osu.edu.

All educational programs conducted by Ohio State University Extension are available to clientele on a nondiscriminatory basis without regard to race, color, creed, religion, sexual orientation, national origin, gender, age, disability or Vietnam-era veteran status.

Keith L. Smith, Associate Vice President for Ag. Admin. and Director, OSU Extension. TDD No. 800-589-8292 (Ohio only) or 614-292-1868

Emerald Ash Borer (continued)

this time NOT to recommend any ash trees in Ohio be treated with insecticides for emerald ash borer, even if the tree is in the immediate vicinity of a known infestation.

People near an eradication zone may be tempted to treat their trees as insurance, just in case emerald ash borer escapes the eradication program. However, if a borer does escape the eradication program, it is extremely unlikely that it will lay eggs only on trees that have been treated with insecticides, as emerald ash borer adults lay many eggs as they fly from tree to tree. If she does lay eggs even on one untreated tree in the same neighborhood as the treated tree, eventually the untreated tree will show signs or symptoms of infestation and have to be destroyed. In this case under the current eradication plan, all trees in the vicinity of the infested tree will have to be destroyed, even if they have been treated.

COMING SOON: OSU Extension's emerald ash borer website: <http://ashalert.osu.edu>

Lucas County Soil & Water Conservation Annual Seedling Sale

It's that time again. The Lucas County Soil & Water Conservation District is offering Flowers, Grasses, Trees, and Flowering Shrubs for sale ranging in price from \$8.00—\$15.00.

You can download an order form (including descriptions of all items for sale available, from: <http://www.co.lucas.oh.us/LSWCD/TreeBrochure2004.pdf>, or call their offices at 419-891-1966 .

All orders must be placed by Wednesday, March 31st, and they do tend to run out quickly. So if you're interested, don't delay! (See Page 3 for planting instructions)

Come See Us at these Community Events

Home & Garden Show

OSU Extension Master Gardeners from Lucas County and surrounding areas will be covering a Question & Answer Booth at the Home & Garden Show, March 12th—14th at the Seagate Center in Toledo. If you have horticultural problems you need help with—this is the place to find us.

If you aren't available that weekend, remember that we have Master Gardeners volunteering Monday, Wednesday & Fridays from 10:00 a.m.—1:00 p.m. to research your questions. Just ask for the Hotline when you call.

Earth Day at the Toledo Zoo

If you can't make the Home & Garden Show, we will have our Master Gardeners hard at work again April 24th, Come on out and learn more about saving our environment, and talk with Master Gardener volunteers.

Newest Family Member

Please join us in welcoming our newest family member, Mary Flores, to the OSU @ TBG office. Mary's is the friendly voice you hear when you call our office. She joined us as receptionist in October. Mary was familiar with Extension as a 9+ year veteran in our Government Center location. She hit the ground running, and hasn't stopped yet. Thanks Mary!

Instructions for Planting Your New Seedlings



Thinking of adding to your landscape and /or property. Starting with seedlings might be the answer. Seedlings are small, therefore, less expensive than those available in the trade. If you are not looking for an instant landscape, have the time and space to nurture the seedlings along until they grow, and then be added to your landscape, this may be something fun to try.

Right now is the time to start planning where, and which seedlings you want to plant this spring. The care you give your seedlings after they arrive, have more bearing on their survival and early growth than how they are planted. Seedlings should be planted as soon as possible after they arrive. Open the packages upon arrival and rewet the roots if necessary. Bundled seedlings can be stored for several days in a cool, shady place, if protected from freezing. Or you can store them 2–4 weeks in cold storage (34 to 38° F) without seriously deteriorating. Stack bundles so air can freely circulate around each bundle to prevent "heating" within the seedling bundles.

Before planting, soak seeding roots in water for 1-2 hours; keep seedlings moist when planting by carrying them in planting trays packed with moist peat. Prior to planting, prune the seedling taproot to a length of 8" and all lateral roots to a length of 1-2". Do not shear lateral roots off because this will reduce the number of potential sites for new root growth. Do not plant seedlings when there is snow on the ground, when the soil is too wet, or if frost can still occur.

Using a shovel, hoe, or post-hole digger, dig a hole deep and wide enough to spread the root system out in all directions. The seedling should be planted at the same level at which it was growing. Be sure not to plant the seedlings too deep. Layer soil back into the hole, minimizing the size and number of air pockets.



Apply 1-2" of mulch, keeping it even with the ground, do not mound it up. Be sure you water frequently throughout the season. This is more easily accomplished when small seedlings are placed together in a garden or nursery area.

We would like to acknowledge the Department of Natural Resources, North Central Forest Experiment Station (2.04) Walnut Notes by J.W. Van Sambeek for information included in this article.

Horticultural Classes with OSU @ TBG



Interested in perennials for shady locations? In collaboration with Toledo Botanical Garden, our very own Becky McCann, Consumer Horticulturist, will be presenting a class on Tuesday March 9th from 7:00–9:00 p.m. which is open to the public. Learn how to jazz up the dark corners of your garden or a shady patio with perennials that are designed especially for shady conditions. You never knew it could be so bright in the shade! Reservation deadline March 2, 2004.

(Classes Continued on Page 4)

Horticultural Classes (Cont'd)

Monday, March 29, 7:00 – 9:00 p.m. Tips on Purchasing, Planting, and Transplanting Trees and Shrubs for the Landscape. Trees and shrubs are the backbone of our landscapes. Join Amy Stone as she talks about how to purchase, plant, and transplant trees and shrubs. Participants will each receive an OSU Extension bulletin and lots of helpful home and garden fact sheets for further reference. Amy Stone, OSU Extension/Lucas County Reservation Deadline: Monday, March 22, 2004.

For more information, and registration fees, please contact the Toledo Botanical Garden at 419-936-2986. Get out of the house, and think about spring!!

Each year, the Ohio State University Extension unveils the Ornamental Plants Annual Reports and Research Reviews. The edition highlighting the work in 2003 was distributed to hundreds at the recent OSU Nursery Short Course and the Ohio Nursery and Landscape Association's CENTS Show in January.

Just some of the highlights in this year's issue includes:

Ohio State University Herbaceous Ornamental Field Trial Results
 Fall Pansy and Viola Trials
 Apple Scab on Crabapples at the Sequest Arboretum
 Pesticide Survey Results in Franklin County
 Tree Selection and Survivability: Trees You Should Know
 20 Questions of Pruning
 10 Crabapples You Should Know and Grow
 The Ohio State University Chadwick Arboretum Learning Garden
 Weather and Environmental Problems of Ornamental Plants in 2003
 Insect and Mite Activity Noted in Ohio Nurseries and Landscapes in 2003
 Infectious Disease Problems of Ornamental Plants in 2003
 Emerald Ash Borer: The Beginning of the End of Ash in North America?
 Emerald Ash Borer Diagnostic Check-Off List
 Magnolia Scale: Biology and Management of a Key Magnolia Pest
 And More!

This publication is on the web at <http://ohioline.osu.edu/sc193/index.html> Past copies can also be found on the Ohioline website. Additional copies of this year's special circular are currently being printed in Wooster, Ohio. If you would like to receive a copy, please contact OSU Extension at TBG and add your name to the list. Copies can be mailed out, or be available for pick-up at a later date.



Horticulture Hotline

Graduates of our Extension Master Gardener classes volunteer their time at our office at the Toledo Botanical Garden. They are available to answer your horticulture questions. Please leave a voice mail any time (Ext. 14), or catch them in (call or stop by) during the following hours:

Hotline Hours are 10:00 a.m. - 1:00 p.m. Monday, Wednesday, and Friday

Local Phone 419-578-OSUE (6783) Toll Free 1-800-358-HORT (4678)

You may also email your questions to mghotline@ag.osu.edu