

Ohio Fruit News

Volume 17, Issue 1

April 12 2013

The Ohio State University

Greetings from Gary

Dear Ohio Fruit Growers:

Happy April to everyone! Warmer temperatures definitely got everything going! The blackberry plants in our high tunnel started growing already!

Blueberry plants were at the bud swell stage during the second week of April Central Ohio will open their pick-your-own blueberries next week.

Grape buds started swelling during the second week of April in southern Ohio. Many growers are still finishing up pruning. Dormant pruning should be done as soon as possible. Otherwise, some grape buds can be knocked off

by accident.

Plants in the Plasticulture Strawberry Production system and the matted Row system look quite good. So far, things are looking quite "normal". Well, normal is good!

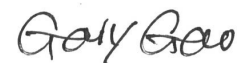
If you have not purchased a copy of this year's fruit spray guides, now is a good time to get them. We have made a few updates to both "Midwest Tree Fruit Spray Guide" and "Midwest Small Fruit and Grape Spray Guide." Both of them can be ordered through your local OSU Extension offices or OSU Extension eStore, which is online at osu-extension.org/



Dr. Gary Gao, Editor

Please contact me or other OSU fruit folks, if you have any comments or suggestions.

Sincerely,



Dr. Gary Gao
Extension Specialist
and Associate Professor

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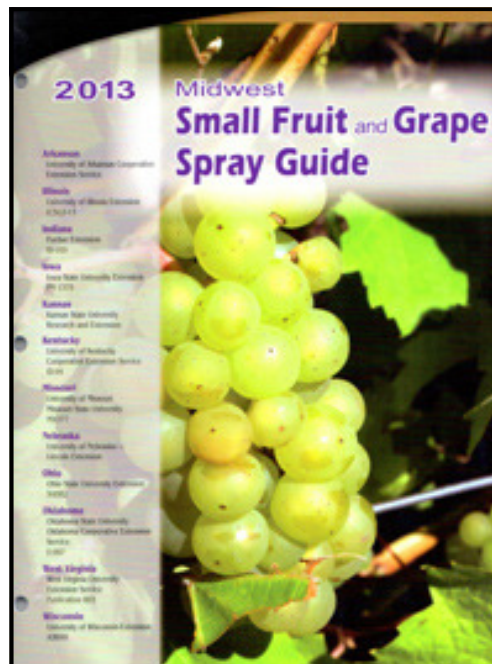
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Commercial Fruit Spray Guides



2013 Midwest Tree Fruit Spray Guide



2013 Midwest Small Fruit and Grape Spray Guide

Blueberries & Brambles Workshop Presented by OSU Extension in Medina County

Date: April 23, 2013

AGENDA

12:00 – 12:15 pm: Sign-in, Lunch*

12:15 – 1:30 pm: Blueberry Production

1:30 – 2:45 pm: Blackberry & Raspberry Production

2:45 – 3:00 pm Questions & Evaluation

**Location: Akron University Center, Room 314, 6300 Technology Lane
Medina, OH 44256**

***REGISTRATION: \$15.00 per person, which includes pizza lunch, beverage, & handouts. For more info or to check on availability call: 330-725-4911 X106
To Pre-Register: Detach and return with check for \$15.00 payable to "OSU Extension Medina County" to: 120 W. Washington St. Suite 1L, Medina, OH 44256.**

NAME: _____
Phone: _____ **Email:** _____
Any dietary restrictions? _____

"Scaffolds Fruit Journal" From Cornell University

Dr. Mike Ellis reminded Ohio fruit growers about an excellent newsletter, which is entitled "Scaffolds Fruit Journal."

He wrote that "If our tree fruit growers are not subscribing to this newsletter, they certainly should be. The information contained in it is often invaluable. We need to get this message to the growers. I would hope every apple grower in Ohio would read the article in this week's Scaffolds."

Scaffolds Fruit Journal is a weekly update on pest management and crop development and is edited by A. Agnello and D. Kain of Cornell University. To subscribe to Scaffolds Fruit Journal, please contact Art Agnello at: ama4@cornell.edu

This newsletter is also available online at: <http://www.scaffolds.entomology.cornell.edu/index.html>

"Facts for Fancy Fruit" From Purdue University



Another excellent commercial fruit newsletter is "Facts for Fancy Fruit" produced by a team of fruit experts from Purdue University.

Facts for Fancy Fruit is a newsletter for commercial and advanced amateur fruit growers. It provides timely information on pest control, production practices, and other topics likely to be of interest to fruit growers. All growers and interested persons are welcome to subscribe.

It is free to subscribe to "Facts for Fancy Fruit" by email. There is a \$15 charge, if one desires to subscribe by mail.

The home page for this newsletter is <http://www.hort.purdue.edu/fff/fff.shtml>

To contact the newsletter team, follow this link <http://www.hort.purdue.edu/fff/contact.shtml>

Don't Guess, Soil Test!

Soil tests should be done every 2-3 years. If you have not done it for a while, you should consider get one done.

Spring is a good time to have your soil tested. But autumn is even better since soil testing labs are not as busy and this allows you more time to correct pH and/or nutrient problems.



How Do I Take Soil Samples?

1. Remove the top debris or residue from the soil surface before taking the sample;
2. Sample soil in the fruit planting areas 6–8 inches deep.
3. Take soil cores or slices from as many places as possible to cover the entire sampling area by going zigzag;
4. Avoid fertilizer bands;
5. Sample when soils are suitable for spading or plowing.
6. Take separate samples from fields that have received different fertility programs;
7. Take separate samples from soils that are distinguishable by color (i.e. light vs. dark), drainage, or other factors. The test results are only as good as the sample taken.

By Dr. Gary Gao

It is extremely important to provide a representative sample to the testing lab so that a reliable test and recommendations can be made for the entire area. This can be accomplished by submitting a composite sample. A good representative composite sample should contain at least 15 cores or slices. Each core or slice should be taken at the same depth and volume at each site.

More soil cores need to be taken if the area was recently limed or fertilized. Separate samples need to be taken fruit crops or management systems. Separate samples should be taken from areas with distinctive soil types or plant performances.

How to Prepare Soil Samples for Submission

1. Contact a soil testing lab for instructions, soil test kits, and appropriate forms;
2. Break up lumps and air dry the soil at room temperature with no artificial heat;
3. When the soil is dry, mix well and crush soil lumps to the size of wheat grains or smaller;
4. Take about one pint of the composite sample and place it in the sample bag associated with the kit.

A list of suggested soil testing labs can be found online at <http://ohioline.osu.edu/hyg-fact/1000/pdf/1132.pdf>

C. Wayne Ellett Plant and Pest Diagnostic Clinic

We often hear "April Showers Bring May Flowers." I am not sure this is totally correct. I think April showers may bring more disease problems than May flowers. Well, anyway, now is time to familiarize yourself with another service that Ohio State University offers, if you have not done so.

The C. Wayne Ellett Plant and Pest Diagnostic Clinic is a diagnostic facility specializing in the identification of plant diseases, plant health issues, and insect-related problems. The C. Wayne Ellett Plant and Pest Diagnostic Clinic is a diagnostic facility specializing in the identification of plant diseases, plant health issues, and insect-related problems.

The service I am talking is The C. Wayne Ellett Plant and Pest Diagnostic Clinic. This Clinic is a diagnostic facility specializing in the identification of plant diseases, plant health issues, and insect-related problems.

The CWEPPDC offers a broad spectrum of testing to identify pests and plant diseases. Diagnosticians collaborate with specialists in plant pathology, entomology, horticulture, agronomy, natural resources, and other areas to identify pests, plant diseases, and cultural and environmental problems of plants.

There is a fee for this service. The website for the Clinic is: <http://ppdc.osu.edu/> The fee schedule and sample forms are available there too.

Fruits:

Samples of fruit plants can be submitted to the C. Wayne Ellett Plant and Pest Diagnostic Clinic. Fruit includes apples, pears, raspberries, blackberries, grapes, strawberries, blueberries and other similar plants. Fruit can be grown in the home or backyard garden as well as by commercial growers.

Samples should be fresh.

Samples should represent the early to middle stages of the development of the problem. A completely dead and decaying sample cannot be reliably diagnosed.

Samples should be carefully packaged and shipped early in the week to avoid weekend layovers during which the sample will deteriorate.

Be sure to include sample documentation and background information. The specimen form can be downloaded from: General Form

Pictures of the problem in the field are always helpful.

OSU Fruit Specialists

Name and Title	Contact Information	Expertise
Brad Bergefurd Horticulture Specialist OSU South Centers 1864 Shyville Rd. Piketon, OH 45661	Phone: 740-289-2071, ext. 136 Email: bergefurd.1@osu.edu Website: http://southcenters.osu.edu/hort	Small fruit crops and wholesale produce auction development and operations.
Dr. Imed Dami, Associate Professor & Viticulture State Specialist Dept. of Hort. & Crop Science 216 Gourley Hall—OARDC 1680 Madison Avenue Wooster, OH 44691	Phone: 330-263-3881 Email: dami.1@osu.edu Website: oardc.osu.edu/grapeweb/	Viticulture research and statewide Extension & outreach programs. Recommendation on variety selection. Imed is the primary research contact of the viticulture program.
Dr. Doug Doohan, Professor Dept. of Hort. & Crop Science 205 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	Phone: 330-202-3593 Email: doohan.1@osu.edu Website: http://www.oardc.ohio-state.edu/weedworkshop/	Weed control in fruit crops.
Dr. Mike Ellis, Professor Dept. of Plant Pathology 224 Selby Hall—OARDC 1680 Madison Avenue Wooster, OH 44691	Phone: 330-263-3849 Email: ellis.7@osu.edu Website: http://plantpath.osu.edu/	Tree fruit and small fruit disease control.
Dr. Gary Gao, Small Fruit Specialist & Associate Professor OSU South Centers 1864 Shyville Rd. Piketon, OH 45661	Phone: 740-289-2071. ext. 123 Email: gao.2@osu.edu Website: http://southcenters.osu.edu/hort	Management of blackberries, raspberries, blueberries, currants, gooseberries, grapes, and strawberries.
David Marrison, County Director, Associate Professor & Extension Educator for Agriculture & Natural Resources OSU Extension – Ashtabula and Trumbull Counties, 39 Wall Street, Jefferson, OH 44047	Phone: 440-576-9008 Email: marrison.2@osu.edu Website: http://ashtabula.osu.edu/	Grape production in northeast Ohio.
Dr. Diane Miller, Associate Professor, Tree Fruit Specialist Dept. of Hort. & Crop Science 203A Williams Hall 1680 Madison Ave. Wooster, OH 44691	Phone: 330-263-3824 Email: miller.87@osu.edu	Tree fruit research and Extension.

OSU Fruit Specialists

Name and Title	Contact Information	Expertise
David Scurlock Viticulture Outreach Specialist 118 Gourley Hall – OARDC 1680 Madison Avenue Wooster, OH 44691	Phone: 330-263-3825 Email: scurlock.2@osu.edu Website: oardc.osu.edu/grapeweb/	Evaluation of site suitability for vineyard establishment and all aspects of grape production practices in northern Ohio. David is the primary Extension contact of the viticulture program.
Dr. Celeste Welty, Associate Professor & Extension Entomologist Extension Entomology Rothenbuhler Labs 2501 Carmack Rd. Columbus, Ohio 43210	Phone: 614-292-2803 Email: welty.1@osu.edu http://bugs.osu.edu/welty/index.html	Tree fruit insect and mite control.



Blueberry pruning demonstration by Dr. Gary Gao at the 2013 Ohio Berry Production Workshop at OSU South Centers in Piketon. Photo by Beth Rigsby, OSU South Centers.

Strawberry Plasticulture Workshop**May 16, 2013****6:00 p.m.— 9:00 p.m.****Registration fee: \$5.00 Deadline is 5/14/13****To register, contact Charissa 740.289.2071 Ext. 132 mcglothin.4@osu.edu****Hosted by: Brad Bergefurd****For further information go to**<http://go.osu.edu/StrawberryWorkshop>

Subscribe to OGEN—Ohio Grape Electronic News—for the latest commercial grape growing and vineyard news by emailing:

Dave Scurlock

scurlock.2@osu.edu

<http://www.oardc.ohio-state.edu/grapeweb/>

**Ohio Fruit News is
archived at**

**[http://go.osu.edu/
ICMNews](http://go.osu.edu/ICMNews)**

If you have articles or events for possible inclusion in upcoming issues of this newsletter, please submit them to:
Dr. Gary Gao
gao.2@osu.edu



**Ohio Fruit News
Dr. Gary Gao, Editor
Small Fruit Specialist & Associate Professor
OSU South Centers**

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740-289-2071, ext. 123
gao.2@osu.edu**

NOTE: Disclaimer - This publication may contain pesticide recommendations that are subject to change at any time. These recommendations are provided only as a guide. It is always the pesticide applicator's responsibility, by law, to read and follow all current label directions for the specific pesticide being used.

Due to constantly changing labels and product registrations, some of the recommendations given in this writing may no longer be legal by the time you read them. If any information in these recommendations disagrees with the label, the recommendation must be disregarded. No endorsement is intended for products mentioned, nor is

criticism meant for products not mentioned. The author and Ohio State University Extension assume no liability resulting from the use of these recommendations.

**Central Ohio Poison
Control Number**

(800) 222-1222

TTY# 614-228-2272

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Keith L. Smith, Ph.D., Associate Vice President for Agricultural Administration and Director, Ohio State University Extension

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