



## Ohio Fruit ICM News



Editor: Ted W. Gastier, Extension Educator, Agriculture  
Ohio State University Extension, Huron County  
180 Milan Avenue, Norwalk, OH 44857 419-668-8219  
FAX: (419) 663-4233 E-mail: [gastier.1@osu.edu](mailto:gastier.1@osu.edu)

Volume 9, No. 6

February 10, 2005

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### Calendar

**February 10-12: North American Farmers' Direct Marketing Conference and Trade Show**, Boston Park Plaza Hotel, Boston, MA. Contact 413-529-0386, e-mail [info@nafdma.com](mailto:info@nafdma.com), or click on <http://www.nafdma.com>.

**February 16: Addressing Regulations for Farmers Direct Marketing Fresh and Value-Added Products**, Ohio Department of Agriculture, Reynoldsburg, OH. See <http://www.ohioagriculture.gov> for directions. Register with Debra Strait at 614-728-6250. No fee.

**February 16: Southwest Ohio Fruit & Vegetable School**, Valley Vineyards & Winery, Morrow, OH. Contact Vickie Butler or Gary Gao at Clermont County Extension, 513-732-7070.

**February 16-19: North American Berry Conference**, Doubletree Hotel Nashville, Nashville, Tennessee. See the web site for info: [http://www.nasga.org/meetings/2005/berry\\_conference/reg\\_brochure.htm](http://www.nasga.org/meetings/2005/berry_conference/reg_brochure.htm)

**February 17: Ohio Fruit Growers Committee Meetings** Fisher Auditorium OARDC Wooster

OH. Tree Fruit and Small Fruit committees meet at 10:00 a.m., Program and Juice committees meet at 1:00 p.m. Lunch provided at noon for all committee members.

**February 17: Ohio Apple Marketing Program Board Meeting**, Fisher Auditorium, OARDC, Wooster, OH. at 1:00 p.m. Lunch provided at noon.

**February 19-22: Ohio Wine Grape Short Course 2005**, The Lodge and Conference Center, 4888 SR 534, Geneva on the Lake, OH. Register [online at <http://www.webzar.com/~owp\\_ssl/sc\\_form2.htm>](http://www.webzar.com/~owp_ssl/sc_form2.htm). See following article for agenda.

**February 22-23: Ohio River Valley Farm Marketing Conference**, Mason, Ohio. Brochure for conference can be viewed on-line at <http://ocdc.osu.edu>.

**February 25: Berry Growers' School**, OSU South Centers, Piketon, OH. See second article for details.

**February 28: Central Ohio Fruit and Vegetable School**, Licking County Extension Office, 771 E. Main St., Newark, OH. Phone reservation to 740-349-6900 or e-mail Howard Siegrist at: [siegrist.1@osu.edu](mailto:siegrist.1@osu.edu).

**March 1: Fourth MAAHS Annual Meeting and Employer Seminar**, Wilmington, OH. See issue #3.

**March 5: Fruit Tree Pruning Clinic**, Rouster's Apple House, Milford, OH. Call Vickie Butler or Gary Gao at Clermont County Extension, 513-732-7070.

## 2005 Ohio Grape Wine Short Course

### Source:

<<http://www.ohiowines.org/cgi-bin3/calendar.pl?sc2005>>

### Featured Speakers:

- Dr. Paul Skinner - President and Soil Scientist Terra Spase, Inc., St. Helena, CA. Precision viticulture, weather, vineyard establishment, soil fertility, nutrition management for quality fruit production
- Rick Hamman - Viticulturist Hogue Cellars, Prosser, WA. From the 2000+ acres he manages at Hogue: vineyard practices resulting in 90+ Wine Spectator ratings, plus crop estimating
- Sigrid Gersten - Briand Lallemend, North America. Selection of bacteria, yeast, and nutrients plus latest yeast and malolactic strains for aromatics in whites and mouth-feel in reds
- Dr. Ralph Kunkie - Professor Emeritus of Enology, UC Davis, CA. New advances in wine microbiology and winery sanitation
- Thomas Payette - Payette Consulting, Rapidan, VA. Talks in Sunday's ABC's winemaking workshop plus assessment and post fermentation management for mouth-feel in reds. Also in marketing: Agri-tourism, partner or perish, millennials' marketing

### Featured Topics:

- Viticulture Workshop: The basics: from site selection to variety selection to care of young vines, to benefit new and existing growers
- Enology Workshop: Fundamental issues in starting a winery; setting up labs, design and essential vinification practices for quality wines from vine to bottle, to benefit potential and veteran winemakers
- Marketing Workshop: An over-view of essentials to sell the great wine grown and vinified, for newbees and front line staff of existing wineries
- Technical Sessions: Precision viticulture: GIS and GPS, season review with veterans panel, latest yeast/malolactic strains, new aspects in microbiology, winery sanitation, viticultural practices to enhance aromatics and complexity, assessment and post fermentation management for reds

- Breakfast Q and A Sessions in marketing, viticulture, and enology . . . and more
- Trade Show: Nearly 20 exhibitors will showcase vine to glass items, featuring nearly everything a wine grower will need to plant, grow, produce, market, and sell his wines and grapes
- Silent Auction: Dozens of things on sale. Proceeds to benefit the Robert Gottesman Fund at The Ohio State University, which is committed to the support and growth of the Ohio Grape/Wine Industry.
- Hall of Fame Presentation: Join the industry in saluting one or more of the grape and wine community's most distinguished luminaries

### Program Schedule:

#### Saturday

10:30 a.m. - 5:30 p.m. The ABC's of Marketing: An exceptional marketing session for "newbees" and for frontline marketers from existing wineries. Additional registration fee required; additional optional prix fixe dinner that evening at *Debonne* and/or *Ferrante Winery*

#### Sunday

9:00 a.m. - 1:00 p.m. Back to Basics workshops: concurrent sessions designed for those just entering the business *as well as* for those who would benefit from a review of the essential principles and techniques

- ABC's of Winemaking: Todd Steiner
- ABC's of Wine-grape Production: Imed Dami

Complimentary box lunch for all morning workshop participants

2:00 p.m. - 5:00 p.m. Technical presentations focusing on advanced enology, viticulture, and marketing

5:15 p.m.- 7:00 p.m. Annual meeting of Ohio Wine Producers Association

7:30 p.m. - 9:30 p.m. Sunday Grand Reception Progressive hors d'oeuvres event matching exceptional wines from our out-of-state speakers with appropriate cuisine

### Monday

8:00 a.m. - noon. Advanced technical presentations in enology, viticulture, and marketing

Themed Luncheon

1:30 p.m. - 5:00 p.m. Continuation of advanced technical presentations in enology, viticulture, and marketing

7:15 p.m. Ohio Grape Wine Industry Reception, Gourmet Banquet, and Hall of Fame presentation

### Tuesday

7:00 a.m. - 8:00 a.m. Three concurrent breakfasts Enology group, viticulture group, marketing group: question and answer sessions covering relevant topics

8:30 a.m. - noon Technical presentations focusing on advanced topics in enology, viticulture, and marketing

**Dates and times are approximate and are subject to change in the final program.**

### New Publication Highly Recommended

*Source: Umass Extension Berry Notes, February 3, 2005, Volume 17, Number 2*

The *Midwest Small Fruit Handbook* has been revised and is now available. The handbook features full-color photos of the major disease symptoms and insect pests. Comprehensive Integrated Pest Management (IPM) recommendations are included for control of insects, diseases, and weeds on strawberry, brambles, blueberry, and grapes. The handbook is truly a bargain at \$9.75 and is available by calling 614-292-1607 or email to [pubs@ag.osu.edu](mailto:pubs@ag.osu.edu). Visa and Mastercard orders are accepted.

### Berry Growers' School

**When:** Friday, February 25, 2005, 9 a.m. to 4 p.m.

**Where:** OSU South Centers, 1864 Shyville Road, Piketon, OH.

**Fees:** Pre-registration \$50 by February 18, at the door registration \$60 - lunch will be provided.

### Agenda:

- **Management of Whole Pest Complexes Berry Crops - With Emphasis on History of Virus Transmission** by Dr. Celeste Welty, Professor and Extension Entomologist, Ohio State University
- **Raspberry Production in High Tunnels** by Kathy Demchak, Senior Research Associate, Horticulture Department, Pennsylvania State University
- **Plasticulture Strawberries in Northern Climates** by Kathy Demchak
- **Disease Management of Berry Crops - Fungal and Viral Diseases** by Dr. Mike Ellis, Plant Pathologist, Ohio State University
- **Plasticulture Strawberries - Learning and Adopting a New Production System on Ohio Farms** by Brad Bergefurd, Extension Educator, Horticulture, OSU South Centers
- **Primocane Bearing Blackberries - What Are They? How Do They Differ from Traditional Blackberries?** by Shawn Wright, Horticulture, OSU South Centers

To register by phone, call 1-800-297-2072 (Ohio only) or 740-289-2071 or e-mail Kelly Roberts at [roberts622@postoffice.ag.ohio-state.edu](mailto:roberts622@postoffice.ag.ohio-state.edu).

For further information please contact Brad Bergefurd by e-mail at [bergefurd.1@osu.edu](mailto:bergefurd.1@osu.edu) or by phone at 740-289-2071.

## Comments Sought on Protections for Human Subjects

Source: <http://www.epa.gov/pesticides>

Consistent with a court decision, EPA is publishing a notice that describes the rigorous standards EPA is using to evaluate whether or not to rely on human studies that have been submitted to the agency. The agency's principal considerations are the protection of the welfare of human research subjects and adherence to rigorous ethical and scientific standards.

In this process, the agency is following instructions from the ruling by the U.S. Court of Appeals for the District of Columbia to determine on a case-by-case basis, applying statutory requirements, the Common Rule, and high ethical standards as a guide, whether third-party human studies will be relied on in the regulatory decision-making process.

The Common Rule defines ethical standards necessary for conducting human research and applies to research conducted or supported by the 17 participating federal agencies.

EPA's approach does not encourage private parties to conduct, nor does it commit EPA to rely on, human studies, but establishes a credible plan to develop and implement agency policy in this area.

EPA will be applying the protections found in the Common Rule, as well as high ethical standards, to determine if human studies can be considered in regulatory decisions. Studies conducted by third parties, including private industry organizations, are not currently required to meet the requirements of the Common Rule, although many do.

By using acceptable human studies, the agency can generate more realistic and accurate risk assessments, and ensure that all relevant data is taken into account in regulatory decisions.

Another part of this notice invites comments on the initiatives the agency will undertake to develop a comprehensive plan for the review and consideration of future studies involving human subjects. A major part of this effort will be to evaluate and adopt, as appropriate, the recommendations from the National Academy of Sciences (NAS) on human testing. In December 2001, the agency asked the NAS to provide recommendations to the agency to help address the difficult scientific and ethical questions related to

whether to accept, consider, or rely on human subject research submitted to the agency. EPA is seeking comments on its future plans, which include rule-making processes, extensive public engagement, and developing additional guidance as needed.

The public comment period is open for 90 days. To obtain a copy of the notice and background information on human studies, visit: <http://www.epa.gov/oppfead1/guidance/human-test.htm>.

## New Blueberry Publication from MSU

Source: *The Vegetable and Small Fruit Gazette*, Vol. 9, No. 1- Jan. 2005, via Kathy Demchak, PennState University

*A Pocket Guide to IPM Scouting in Highbush Blueberries*, compiled and edited by Annemiek Schilder, Rufus Isaacs, Eric Hanson, and Bill Cline is available. It's 128 pages long, with index card-sized pages, so it's handy to keep with you. The guide contains disease and insect scouting calendars that are based on blueberry growth stages, not dates, to make the information transferable to different areas. Calendars describe when infections begin or insects are problematic, when symptoms of diseases appear, and when controls might be needed for problems that affect blueberry growers in PA just as much as in Michigan.

This is followed by 86 pages of disease and insect descriptions and pictures that show just what you should be looking for. What's really useful is that the insect pictures show the sizes of insects with a little 'ruler', which might explain why some of us can't find those little buggers. Other useful information includes pictures of natural enemies, nutrient deficiencies, herbicide damage, and environmental problems. The cost is \$14, plus \$4 for shipping and handling. It can be ordered online at <http://web2.msue.msu.edu/bulletins/mainsearch.cfm>.

Type in the keyword "blueberries" or "blueberr" (not "blueberry") to see all of MSU's blueberry publications. It can also be ordered from the MSU Extension Bulletin office at 517-353-6740.

## New Environmental Stewardship Program Announced at the Congress

Source: Dr. Frank Hall, Professor Emeritus, Dept. of Entomology, OARDC

Dr. Frank Hall (OARDC-OSU) presented announcements of a new grower self-assessment of pesticide drift risks at some of the sessions during the 2005 Congress. This PILOT program, which is funded by Syngenta and CropLifeAmerica, will survey grower drift mitigation tactics in Ohio – the first program of its type in the U.S.

Dr. Hall suggests the time is right for a grower participatory self-examination of spray drift risk assessment and identification of tactics of drift mitigation. Faced with increasing concerns from the public about pesticide drift, this pro-active program will leave growers with a good planning document for pesticide stewardship.

Pesticide spray drift represents a highly visible symbol of waste and potential off-site contamination of water, environment, and urban sprawl. Your neighbors, previously a half mile away from sprayed fields, are now “housing developments” only yards from your field edges.

Ohio has been identified as among four mid-western states having the greatest amount of vegetation at risk from drift of herbicides. And Ohio, with 11 million people, a large number of major-sized cities (and thus urban sprawl), and a large agricultural industry, with the fourth largest number of scenic river systems in the U.S. plus Lake Erie, **all add up to increasing public concerns about pesticide intrusion into the adjoining landscapes.**

As Dr. Hall explains, we need your help! We believe that a specific site/operationally based strategy gives growers the flexibility to deal with local drift risks. We'd like to sign up about 80 growers of crops in Ohio in this 18 month project to assess the current creativity of drift management tactics being undertaken by Ohio growers.

The PILOT Program will assist you in documenting the risks of your current drift strategies. In summary, this program:

- is voluntary and confidential, and will provide participating growers with a satellite/aerial map of their farms;

- will help you to identify and rate the spray drift sensitivity of adjoining areas, i.e. water, houses, roads, etc;
- will compare your current tactics of drift mitigation with “best available science” recommendations from around the globe, and estimate the costs of optional tactics;
- will help you identify federal and state cost-sharing programs; and
- will assist you in the preparation of a site specific stewardship action plan for drift management for your crop areas.

We believe that a site and operationally specific action plan for drift management offers growers more flexible and effective drift mitigation tactics than the current EPA “one size fits all” general statements on the label. Additionally, it will provide more opportunities to growers for reasonable buffer- no spray zones in an overall drift mitigation plan involving multiple tactics than is currently anticipated with the future Water Quality and Endangered Species program restrictions.

If you are interested in participating the in the Ohio PILOT program, please contact Dr. Frank Hall at hall.1@osu.edu or phone 330-263-3726 for more information and a sign- up form. We look forward to having you sign up for the program and mail in the form. An early indication of your potential interest will help our planning process and the efficient development of the program for 2005-2006.

## **Agricultural and Horticultural Employer Checklists Available in Ohio & Indiana**

*Source: John Wargowsky, Executive Director, Mid American Ag and Hort Services, Inc.*

Ohio and Indiana agricultural and horticultural employers have a new resource to assist them in performing tasks required by state and federal labor laws and regulations. The Ohio State University Extension Ag and Hort Labor Education Program developed the Ohio checklist in partnership with Mid American Ag and Hort Services (MAAHS). The Indiana checklist was developed by MAAHS in partnership with the United States Department of Agriculture's Risk Management Agency.

Employers often comment they need a comprehensive list of employer requirements that details the thresholds for applicability and provides sources of additional information. The eight-page checklist includes the following six sections to meet such employer needs.

- Section I - Before Hiring, Employers Must:
- Section II - After Hiring, Employers Must:
- Section III - During Employment, Employers Must Provide to Employees:
- Section IV - Annually, Employers Must Complete:
- Section V - References:
- Section VI - Labor Law/Regulation Compliance Thresholds & Contacts:

The printed checklists are being distributed primarily by Mid American Ag and Hort Services through events and Ohio and Indiana agricultural and horticultural organizations. Limited supplies are available for others to distribute to employers through targeted events and mailings. An on-line version is also available and includes live hyperlinks that will be updated regularly and assist employers in locating the necessary forms and information.

Contact Mid American Ag and Hort Services at 614-246-8286 or [labor@ofbf.org](mailto:labor@ofbf.org) for more information on the Ohio or Indiana Agricultural and Horticultural Employer Checklist. The on-line checklists are available at <http://www.midamservices.org> by clicking on "Quick Ref" and then "Checklists". Agricultural and horticultural organizations and businesses are encouraged to create links directly to these on-line checklists.

## **Focus on Botrytis Gray Mold**

*Source: Sonia Schloemann, Berry Notes, Vol. 17, No. 2, Feb. 3, 2005, Umass*

This issue of Massachusetts Berry Notes, found at <http://www.umass.edu/fruitadvisor/berry-notes/05mbn1702.pdf> is devoted to an in-depth look at one disease that presents itself in various berry crops. *Botrytis cinerea* can cause fruit rot, blossom blight, cane blight, and leaf infections.

Disease symptoms, life cycles, and management recommendations are covered in each article. The editor has relied heavily on some excellent fact sheets from Oregon State University written by Dr. Jay W. Pscheidt. He has an excellent web site, which can be found at <http://plant-disease.ippc.orst.edu>.