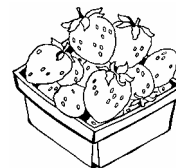




Ohio  
Fruit ICM News



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Calendar

Ohio Fruit & Veg Congress Fruit Highlights  
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*Innovation*, Mike Hogan

9:15 a.m. - *Creating and Distributing the Ohio Fruit ICM News*, Shawn Wright and Ted Gastier

9:30 a.m. - *Re-Learning What Your Father Knows About Apple Scab*, Dave Rosenberger

10:30 a.m. - *Bigger, Redder 'Gala Apples'*, Peter Hirst

12:30 p.m. - *Pesticide Drift and Environmental Stewardship*, Frank Hall

1:30 p.m. - *Controlling Post-Harvest Fruit Rots and Maintaining Honeycrisp Quality*, Dave Rosenberger

1:45 p.m. - *Bloom Delay in Peaches-Impact of Fall & Spring Applied Growth Regulators & Oil*, Peter Hirst

4:00 p.m. to 8:00 p.m. - *Dedicated Trade Show Hours*

Calendar

**January 4-6, 2006: North American Berry Conference.** Please note that this conference is being held more than a month earlier than usual. Please register and make other arrangements earlier than in other years. This meeting is being held at the Savannah International Trade and Convention Center in Savannah, GA, and is immediately followed by the SE Regional Fruit and Vegetable Conference, January 6-8. More information is available at <[www.nasaga.org](http://www.nasaga.org)>.

**January 16-18, 2006: Ohio Fruit and Vegetable Congress and Ohio Direct Marketing Conference,** Columbus, OH. Go to <<http://www.ohiofruit.org/>>

Tree Fruit Education

**Monday**

7:00 p.m. - *Ohio's 2005 Tree Fruit Crop*, Dave O'Brien, Bill Dodd, and John Webel

7:20 p.m. - *Scab Resistance Survey in Ohio and Fungicide Update*, Mike Ellis

7:50 p.m. - *Integrated Control of Mites, Codling Moth in Ohio Apple Orchards and Insect Control Update*, Celeste Welty

8:30 p.m. - *Apple Thinning Results with Organic Thinners*, Diane Miller

8:50 p.m. - *Weed Control Update*, Doug Doohan

**Tuesday**

9:00 a.m. - *Grant Possibilities for On-Farm*

**Wednesday**

8:30 a.m. to 5:00 p.m. - *Trade Show Hours*

Cider Sessions

10:00 a.m. - *Cider Nutrition - To Your Health!*, Joe Scheerens

10:30 a.m. - *The 2005 Cider Season - Issues/Updates/Questions and Answers*, Chuck Kirchner

11:00 a.m. - *What is the Potential for Flavored Cider?*, Diane Miller

11:30 a.m. - *Ohio Cider Contest Report*, Bruce Benedict

Tree Fruit Varieties

2:00 p.m. - *Tree Fruit Roundtable*, Tom Callahan, Wanda Heuser Gale, and Diane Miller

## Small Fruit Education

### **Tuesday**

#### **Brambles**

9:00 a.m. - *Update on Bramble and Strawberry Disease Control*, Mike Ellis

10:00 a.m. - *Virus Diseases of Brambles*, Robert R. Martin

11:00 a.m. - *Weed Control in Brambles*, Doug Doohan

#### **Strawberries**

1:00 p.m. - *Disease Control in Plastic Culture Strawberry from Plugs to Fruit*, Frank Louws

2:00 p.m. - *Weed Control in Strawberry*, Doug Doohan

### **Wednesday**

10:00 a.m. - *Virus Diseases of Strawberry*, Robert R. Martin

10:45 a.m. - *Modules: A Fruit and Vegetable Polyculture System*, Joe Kovach

11:15 a.m. - *Small Fruit Insect Management Update*, Celeste Welty

1:30 p.m. - *Small Fruit Roundtable*

## Trade Show Highlights

### **Monday - no Trade Show**

#### **Tuesday**

4:00 p.m. - *Trade Show Opening Ceremony*, Joe Burnham IV, Don Ramseyer, Tom Puch, and John Wargowsky

4:15 p.m. - *Focused Roundtables in the Trade Show*

4:30 p.m. - *Third-Party Food Safety Audits*, Shari Plimpton and John Wargowsky

4:30 p.m. - *The Phase Out of Methyl Bromide*, Adam Sharp

4:30 p.m. - *Poster Session*

4:30 p.m. - *Tourism in the Trade Show*, OSU Extension

4:30 p.m. - *Comparison of Autumnberry and Cornelian Cherry Antioxidant Potential with that of Well-known Fruit Crops*, Joe Scheerens

5:00 p.m. - *Our Ohio, Promoting Your Farm Retail Business*, Pat Petzel and John Wargowsky

5:30 p.m. - *The Commercial Potential and Antioxidant Characteristics of Unique Varietal Grape Juices*, Joe Scheerens

6:30 p.m. - *Food & Refreshments in the Trade Show*

### **Wednesday**

9:00 a.m. - *Key Components of a Vineyard Business Plan*, Maurus Brown

9:00 a.m. - *Forklift Safety*, Trade Show Exhibitors

9:30 a.m. - *Sprayer Safety*, Trade Show Exhibitors

11:30 a.m. - *Using Precision Banding to Reduce Early Season Pests in Cucurbits*, Matt Darr, Jim Jasinski, and Erdal Ozkan

12:00 p.m. - *Dedicated Trade Show Hours*

12:00 p.m. - *Focused Roundtables in the Trade Show*

12:30 p.m. - *Our Ohio, Promoting Your Farm Retail Business*, Pat Petzel and John Wargowsky

12:30 p.m. - *The Phase Out of Methyl Bromide*, Adam Sharp

12:30 p.m. - *Sprayer Application Technologies*, Matt Darr

3:30 p.m. - *Dedicated Trade Show Hours*

## Summary of Tree Fruit Insecticide and Acaricide Groups Based on Target Site of Action

Sources: Celeste Welty, OSU Extension Entomologist, 2005 Ohio Commercial Tree Fruit Spray Guide, and the Insecticide Resistance Action Committee <<http://www.irc-online.org/>>

Group	Trade Names
1A	Carzol, Lannate, Sevin, Vydate
1B	Diazinon, Dibrom, Dimethoate, Guthion, Imidan, Lorsban, Malathion, Metasystox-R, Supracide
2A	Marlate, Thiodan
3	Ambush, Asana, Baythroid, Brigade, Capture, Danitol, Decis, Discipline, Pounce, Proaxis, Warrior
4A	Actara, Admire, Assail, Calypso, Clutch, Platinum, Provado, Venom
5	Entrust, SpinTor
6	Agri-Mek
7C	Esteem
8-9	none listed for Ohio fruit
10A	Apollo, Savey
10B	Zeal
11	Dipel
12	Vendex
13-14	none listed for Ohio fruit
15	Dimilin, Rimon
16	Applaud, Centaur
17	none listed for Ohio fruit
18A	Confirm, Intrepid
18B	Neemix
19	Mitac
20B	Kanemite
21	Fujimite, Nexter, Rotenone
22	Avaunt
23	Envidor, Oberon
24	none listed for Ohio fruit
25	Acramite
26-28	none listed for Ohio fruit
unc	Kelthane

### The Best of Times

Source: Ted Gastier, soon to be retired!

The years roll on and it has been a most enjoyable journey as part of Ohio State University Extension. Moving toward retirement on this New Year's Day, the path will lead in a different direction. My wife Donna and I will spend a month at Escuela El Sembrador in Catacamas, Honduras doing mission work. This School of the Sower (in English) was established fifty-one years ago by Twana and Donald Hawk of Washington Court House, Ohio. Two more generations of Being human, we occasionally distribute educational newsletters with slips of the

Hawks, as well as other missionaries, continue to educate underprivileged Honduran girls and boys. Upon our return, we will help with the family farm and spend more time with our nine grandchildren.

Working with fruit growers and Extension personnel has been an honor and privilege. The opportunities to learn have been priceless. Shawn Wright will be the new editor for this newsletter. He will soon learn how good it is working with all of you.

tongue created by our over-reliance on compute based spell-checkers. Our favorite

was contained in an article about the codling moth. The female moth is busy for two weeks laying eggs before she expires. However, the finished quote was "The adult

female codling moth **loves** for two weeks and then she dies" !! (emphasis added to the original).

### **New Year's Resolutions for Ohio Fruit Growers**

*Source: Ted Gastier, Huron County Extension*

For your careful consideration as you plan for the 2006 season, "As a grower of safe, abundant fruit, I resolve to:

- Register today for the **Ohio Fruit & Vegetable Growers Congress, Ohio Roadside Marketing Conference, & Ohio Christmas Tree Association Winter Meeting**. You will save money by registering by January 4, 2006. A registration form can be found in the November 2005 issue of *Today's Grower*. (In case you misplaced the magazine, you can register online at: <[http://www.ofbf.org/ofgs/ofgswebengine.nsf/\\$lookupfilestyle/registration\\_form\\_06.pdf/\\$file/registration\\_form\\_06.pdf](http://www.ofbf.org/ofgs/ofgswebengine.nsf/$lookupfilestyle/registration_form_06.pdf/$file/registration_form_06.pdf)>)
- Plan future peach plantings so that I can maintain an adequate level of pest management in later varieties without compromising pre-harvest intervals on earlier varieties. (During 2003, late season Oriental fruit moth control was difficult where early, mid-, and late-season peaches were intermingled. This was a particularly difficult challenge in P-Y-O blocks).
- Recognize the importance of pesticide resistance management for sustainable agriculture & improved public health by looking for group numbers on new labels. Resistance to insecticides is defined as 'a heritable change in the sensitivity of a pest population that is reflected in the repeated failure of a product to achieve the expected level of control when used according to the label recommendation for that pest species' (IRAC). The key to managing resistance is to reduce selection pressure caused by the over-use or misuse, because this could result in the selection of resistant forms of the pest and the consequent evolution of populations that are resistant to that insecticide or acaricide.
- Remember that codling moths overwinter as mature larvae in tightly constructed silken cocoons located principally under loose bark on the tree trunk and larger limbs. Cocoons may also be found in other places in the orchard, such as piles of wood, brush, posts, and occasionally in coarse mulch, such as weed stalks and corn cobs. In addition, larvae overwinter in stored baskets or crates that have held cull fruit and in the walls of packing sheds and other buildings adjacent to the orchard.
- Plan to control San Jose scale with a single application of Esteem 35 WP at half-inch green.
- Recognize that bacterial spot of peach can be a serious problem on certain varieties in localized areas in certain years. The disease is favored by stormy, rainy weather during June and July. It has caused the most damage in areas where the soil is sandy and where the sand is blown by strong winds. Planting cultivars that are resistant to bacterial spot provides the best control.
- Recognize the importance of spray coverage for pest management in tree fruit. I will remember that the upper portions of my standard trees need to receive adequate coverage, especially for codling moth management.
- Use pheromone traps to monitor codling moth populations to help assure season-long control. This may mean keeping my sprayer available longer than I have in the past.
- Recognize that even if I'm busy with peach harvest, I will maintain an adequate apple pest management program.
- Examine my apple scab control program more closely to tighten up control and maintain fruit quality.

- \_ Consider using mating disruption for peachtree borer , lesser peachtree borer, codling moth and Oriental fruit moth.
- \_ Enjoy more time with my family. (Take them along to the Congress, for starters!)