



# Newsletter

Extension

## Fruit ICM News

Volume 6, No. 44  
December 26, 2002

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## Calendar

### January 3, 2003: Go Bucks!!!

**Jan. 15-17, 2003: Ohio Fruit & Vegetable Growers Congress & Ohio Roadside Marketing Conference,** Toledo SeaGate Convention Centre and Radisson Hotel. Contact Jennifer Hungerford at 614-249-2424

**Jan. 27-29, 2003: Indiana Horticultural Congress;** Adams Mark Hotel in Indianapolis.

**Feb. 7-8, 2003: North American Bramble Growers' Association** will meet in Leesburg Virginia. The meeting will be held at the Holiday Inn at the Historic Carradoc Hall. Contact Jason Murray, Commercial Horticulture Agent, for further information, at [jamurray@vt.edu](mailto:jamurray@vt.edu) or 703-737-8978. You can view the program at <http://www.ento.vt.edu/Fruitfiles/NABGAProgram03.pdf>

**February 9-11, 2003: Ohio Grape-Wine Short Course** at Wyndham Dublin Hotel in Dublin. For registration information and other details call 800-227-6972 or go online to <http://www.ohiowines.org/>

## Notice: No ICM News Next Week

The editor and his family will be inspecting the turfgrass at Sun Devil Stadium next week, so the Ohio Fruit ICM News will not be published until January 10. **Go Bucks !!!**

## Tree Fruit Web Sites

In this issue, we are including addresses specific to apples and apricots. These are also available at <http://newfarm.osu.edu>. Click on "crops" and choose "tree fruit."

### Apple

Apple Budget - OH: <http://aede.osu.edu/People/Moore.301/fruit/index.htm>

Apple Pest Management Guide - OR: <http://eesc.orst.edu/agcomwebfile/edmat/html/EM/EM8418/EM8418.html>

Apple Crop Profile - OH: <http://pestdata.ncsu.edu/cropprofiles/docs/ohapples.html>

Apple Crop Profile - NY: <http://pestdata.ncsu.edu/cropprofiles/docs/nyapples.html>

Apple, Organic - OH via WV: <http://www.caf.wvu.edu/Kearneysville/organic-apple.html>

Apple, Organic - MI: <http://www.caf.wvu.edu/Kearneysville/organic-apple.html>

Apple, Organic - NJ: <http://aesop.rutgers.edu/~farmmgmt/ne-budgets/organic/Fresh-Apple-8-20Yr.html>

Apple, Organic - WA: <http://organic.tfrec.wsu.edu/OrganicIFP/Home/InfoResources.html>

Apple, Organic Production - CA: <http://www.agecon.ucdavis.edu/outreach/crop/cost-studies/94NCApples.pdf>

Apple, Organic Production - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/organic\\_apples\\_2001.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/organic_apples_2001.pdf)

Apples, Super Spindle (1742 trees/acre) - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/apples\\_1742\\_super\\_spindle\\_summer2001.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/apples_1742_super_spindle_summer2001.pdf)

Apple Establishment, Elstar Slender Spindle 808 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/elstar.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/elstar.pdf)

Apple Establishment, Gala Slender Spindle 1210 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/99galest.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/99galest.pdf)

Apple Establish., Jonagold Slender Spindle 808 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/jonaest.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/jonaest.pdf)

Apple Full Production, Elstar Slender Spindle 808- BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/elsful.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/elsful.pdf)

Apple Full Production, Gala 1210 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/99galafp.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/99galafp.pdf)

Apple Full Prod., Jonagold Slender Spindle 808 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/jonaful.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/jonaful.pdf)

Apple Full Production, Slender Spindle 726 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/T16.PDF](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/T16.PDF)

Apple Full Production, Vertical Axe 670 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/T15.PDF](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/T15.PDF)

Apple, Red Delicious 202 - BC:  
[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/202\\_red\\_del\\_apple\\_summer2001.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/202_red_del_apple_summer2001.pdf)

Apple, Postharvest Cooling & Handling - NC:  
<http://www.bae.ncsu.edu/programs/extension/publicat/postharv/ag-413-1/index.html>

Apple Production - VA: <http://www.ento.vt.edu/Fruitfiles/VirginiaAppleSite.html#list>

## **Apricot**

Apricot Cultivars - Ontario: <http://www.gov.on.ca/OMAFRA/english/crops/facts/02-035.htm>

Apricot Establishment, Central Leader 150 - BC:

[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/99cotest.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/99cotest.pdf)

Apricot Full Production, Central Leaders 150 - BC:

[http://www.agf.gov.bc.ca/busmgmt/budgets/budget\\_pdf/tree\\_fruits/99cotsfp.pdf](http://www.agf.gov.bc.ca/busmgmt/budgets/budget_pdf/tree_fruits/99cotsfp.pdf)

## Fruit Pesticide Additions and Label Changes for 2002

Sources: Celeste Welty, Mike Ellis, Dick Funt, and Doug Doohan; OSU Extension Specialists, and <http://www.cdms.net/manuf/manuf.asp>

### New Products:

- **Acramite 50WS** (bifenazate), for spider mite control on apple, pear, plum, peach, grape, and strawberry; made by Uniroyal/Crompton.
- **Applaud® 70WP Insect Growth Regulator** (buprofezin), registered January 2002 for use on grapes to control leafhopper nymphs, also immature whiteflies, mealybugs, and scales; made by Nichino America.
- **Assail** (acetamiprid), a neonicotinoid from Aventis (now Bayer). Assail 70WP registered March 2002 for apple and pear to control aphids, leafminer, leafhoppers, codling moth, and psylla. Assail 70WSP registered May 2002 on grapes for leafhopper control.
- **Cabrio 20® EG** (pyraclostrobin) fungicide on all brambles (blackberry and raspberry) for control of anthracnose, leaf spot and blotch, powdery mildew, rusts, and spur blight. It is also now labeled for use on blueberry and strawberry. It is registered for control of Alternaria leaf spot and fruit rot, powdery mildew, anthracnose fruit rot, Phomopsis leaf blight and twig blight, and suppression of mummy berry and Botrytis gray mold on blueberry. On strawberry, it is registered for control of anthracnose fruit rot, powdery mildew and leaf spot, and suppression of Botrytis gray mold
- **Deliver® Biological Insecticide**, a new B.t. by Certis for use on apple, apricot, blueberry, caneberries, cherry, currants, grapes, nectarine, peach, pear, and plum. Insects listed on the label include blueberry leafrollers, cherry fruitworm, codling moth, cutworms, fruit tree leafroller, grape leafroller, green fruitworm, obliquebanded leafroller, Oriental Fruit moth, redbanded leafroller, tufted apple bud moth, and variegated leafroller.
- **Ecozin® 3% EC Biological Insecticide**, a new neem, made by Arvac for use on apple, apricot, blackberry, blueberry, cherry, currants, elderberry, gooseberry, grape, huckleberry, loganberry, nectarine, peach, pear, plum, quince, raspberry, and strawberry. Pests listed on the label include various aphids, beetles, borers, bugs, caterpillars, flies, leafhoppers, mealy bugs, nematodes, psyllids, scales, thrips, weevils, and whiteflies.
- **Spartan 4F** herbicide received an Ohio Section 18 label for 2002 to control common groundsel in strawberries.
- **Thionex® (Endosulfan) 3EC and 50W**, labeled for use on apple, apricot, blueberry, cherry, grape, nectarine, pear, peach, plum, and strawberry. Pests controlled include various aphids and stink bugs, apple rust mite, tarnished plant bug, tentiform leafminer, white apple leafhopper, peachtree borer, lesser peachtree borer, stink bugs, green fruitworm, grape leafhopper, grape phyllorera (leaf form), rose chafer, pear psylla, pear rust mite, meadow spittlebug, and whitefly.

### Registration expanded to additional crops:

- **Agri-Mek 0.15EC** (abamectin), new registration (2001) on grapes for mite control; made by Syngenta.
- **Capture® 2EC** (bifenthrin), a pyrethroid made by FMC; new registration for caneberries (raspberries) for caterpillar and root weevil control.
- **Elevate® 50WDG** fungicide (Fenhexamid) for control of Botrytis fruit rot (gray mold) on bushberries and caneberries. Bushberries on the label are blueberry, currants, gooseberry, and huckleberry. Caneberries are

red and black raspberries, blackberry, and loganberry.

- **Ferbam® WDG** fungicide for control of orange rust on blackberry and black raspberry A 24C-registration is required for use in Ohio.
- **Nova® 40W** fungicide for control of orange rust on blackberry and black raspberry.
- **Savey 50DF** received full Federal label for control of European red mite and two-spotted spider mite on plums and prunes.
- **Sinbar®** herbicide on first year strawberries.
- **SpinTor® 2SC** (spinosad) by Dow, new registration for blueberry and strawberry (late 2001) for control of caterpillars, dipteran leafminers, and thrips.

**Tolerance Established with Label Pending:**

- **Stinger (clopyralid)** has received official tolerance on strawberry for control of thistle and groundsel.

**Cancellations:**

- **Benlate 50WP.** Dupont has requested a voluntary registration cancellation for Benlate 50WP fungicide on all crops. The sale and distribution of Benlate will not be legal after December 31, 2002. Growers may use labeled product after this date; however, they will not be able to purchase additional material.

**\*\*\* Remember: The Label is the Law. \*\*\***

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Information presented above and where trade names are used, they are supplied with the understanding that no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely, and accurate, the pesticide user bears responsibility of consulting the pesticide label and adhering to those directions.

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