



Newsletter Extension

Fruit ICM News

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Calendar

December 16: Ohio Fruit Growers Society Research Committee Meeting, Dutch Heritage Restaurant, Bellville, OH

January 21-23, 2004: Ohio Fruit & Vegetable Growers Congress, Ohio Roadside Marketing Conference, & Ohio Christmas Tree Association Winter Meeting, SeaGate Convention Centre and Radisson Hotel, 410 Jefferson Avenue, Toledo. For more information contact Tom Sachs at Ohio Fruit Growers, 614-246-8292, e-mail growohio@ofbf.org. Check out the web site at <http://www.ohiofruit.org>.

February 21-22: The North American Bramble Growers Association National Meeting, Tampa, FL. See the web site <http://www.nabga> for details.

Insect Management Update for Vegetable & Fruit Crops, 2003/2004

Source: Celeste Welty, Extension Entomologist & Associate Professor, OSU, Columbus

New products:

- **Calypso 4F** (thiacloprid): a neonicotinoid made by Bayer for use on **apples** and **pears** for control of aphids, leafminers, leafhoppers, codling moth, plum curculio, pear psylla, mealybugs; registered September 2003.
- **Zeal 72WDG** (etoxazole): miticide for use on **apple, pear, strawberry**; made by Valent, registered September 2003.
- **Poncho 600** (clothianidin): commercial seed treatment for sweet corn, for systemic control of corn flea beetle, seedcorn maggot, white grubs, wireworms; made by Gustafson, registered June 2003.

Controls rootworms if used at high rate, but this use not marketed for sweet corn.

- **Cruiser 5FS** (thiamethoxam): commercial seed treatment for sweet corn, for systemic control of corn flea beetle, wireworms, seedcorn maggot, white grubs; made by Syngenta; October 2002.
- **Entrust 80WP** (spinosad; same A.I. as in **SpinTor**): new formulation that meets requirements of national organic program; made by Dow AgroSciences, registered August 2002.

New formulation:

- **Mustang Max** (0.8EC) (zeta-cypermethrin), similar to Mustang 1.5EW, pyrethroids made by FMC, for beetle, caterpillar, and thrips control on cole crops, Brassica greens, onions, sweet corn, tomato, pepper, eggplant, beans, peas, head lettuce; registered January 2003.

Registration expanded to additional crops:

- **Proclaim 5WDG** (emamectin benzoate), made by Syngenta; new for tomato, pepper, eggplant, Brassica greens, lettuce and other leafy vegetables, for caterpillar control; registered July 2003.
- **Capture 2EC** (bifenthrin), a pyrethroid made by FMC, new for tomato, spinach, and **pears**, for beetle, caterpillar, leafminer control; registered July 2003. Also revised re-entry intervals.
- **Provado 1.6F** (imidacloprid), a neonicotinoid for foliar use, made by Bayer; new for root crops (radish, turnip, beet, carrot), peas, **strawberries, peaches, and other stone fruit**; for aphid, whitefly, leafhopper, and flea beetle control; registered June 2003.
- **Admire 2F** (imidacloprid), a neonicotinoid for soil use, made by Bayer; new for root crops (radish, turnip, beet, carrot), peas, celery, Swiss chard, rhubarb, **strawberries**, greenhouse tomatoes, greenhouse cucumbers; for aphid, whitefly, leafhopper, and flea beetle control; registered June 2003.
- **Brigade 10WSB** (bifenthrin), a pyrethroid made by FMC, new for **pears**, for caterpillar, leafhopper, curculio, plant bug, scale, leafminer control; registered April 2003.
- **Esteem 35WP** (pyriproxyfen), an insect growth regulator made by Valent, for scale and caterpillar control; **new for blueberry (May 2003) and peaches and other stone fruit (November 2002)**.
- **Warrior 1EC** (lambda-cyhalothrin), a pyrethroid made by Syngenta, new for peppers, eggplant, beans, **apples, pears, stone fruit**; for beetle, caterpillar, leafhopper, thrips, psylla control; also for at-plant soil application for sweet corn; registered February 2003.
- **Intrepid 2F** (methoxyfenozide), an insect growth regulator made by Dow, for caterpillar control; new for **grapes, registered September 2002, and for peaches**, registered October 2002.
- **SpinTor 2SC** (spinosad), made by Dow; new for **brambles, grapes**, radish, turnip, carrot, herbs; for control of caterpillars, dipteran leafminers, thrips; registered September 2002.

Name change:

- '**MSR Spray Concentrate**' is new name for Metasystox-R; still a 2EC formulation with active ingredient oxydemetonmethyl, made by Gowan.

Discontinued uses:

- **Guthion** (azinphosmethyl): cancelled on beans, broccoli, cabbage, cauliflower, celery, cukes, eggplant, melons, onions, peppers, spinach, tomatoes, **grapes, plums, strawberries** (Aug. 2003).
- **Actara** (thiamethoxam): cancelled on tomato, eggplant, cucurbits in USA; & **apple in OH**.
- **Di-Syston 15G** (disulfoton): cancelled on tomato; still ok for cole crops, pepper, potato.

Summary of Vegetable / Fruit Insecticide Changes, 2000-2003

New Registrations:

Sweet corn

Poncho (6/03)
Warrior (2/03-soil use)
Mustang Max (1/03)
Cruiser (10/02)
Intrepid 2F (9/02)
Mustang 1.5EW (10/01)
Gaucho (2001)
Avaunt 30DG (12/00)

Cucurbits

Courier 70WP (1/02)
Actara 25WDG (5/01)
Platinum 2SC (5/01)
Fulfill 50WG (8/00)
Danitol 2.4EC (3/00; 2001)

Tomato, Pepper, & Eggplant

Proclaim (7/03)
Capture 2EC (8/99,12/00,7/03)
Warrior (2/03, 4/95)
Mustang Max (1/03)
Intrepid 2F (9/02)
Assail 70WP (3/02)
Mustang 1.5EW (1/02)
Actara 25WDG (5/01)
Platinum 2SC (5/01)
Avaunt 30DG (12/00, 7/02)
Fulfill 50WG (8/00)

Tomato

Courier 70WP (1/02)

Potato

Avaunt 30DG (7/02)
Actara 25WDG (5/01)
Platinum 2SC (5/01)
Tops-MZ-Gaucho (4/01)
Leverage (1/01)

Onions

Mustang Max (1/03)
Mustang 1.5EW (10/01-green)

Beans or Peas

Warrior (2/03)

Mustang Max (1/03)
Baythroid 2EC (9/02)
Mustang 1.5EW (1/02)
Admire 2F (6/01, 6/03)
Provado 1.6F (6/01, 6/03)
Gaucho (2001)

Radish, Beets, Turnip, Carrot

Provado (6/03)
Admire 2F (6/03)
SpinTor 2SC (1/02, 9/02)

Asparagus

SpinTor 2SC (7/01)

Cole Crops

Mustang Max (1/03)
Intrepid 2F (9/02)
Baythroid 2EC (9/02)
Assail 70WP (3/02)
Fulfill 50WG (3/02)
Avaunt 30DG (7/02, 12/00)
Danitol 2.4EC (3/00)

Greens (collard, kale, mustard)

Proclaim (7/03)
Mustang Max (1/03)
Intrepid 2F (9/02)
Baythroid (9/02)- mus. only
Assail 70WP (3/02)
Fulfill 50WG (3/02)
Mustang 1.5EW (10/01)
SpinTor 2SC (4/98; '01)

Lettuces & Leafy Vegetables (endive, spinach, parsley, etc.)

Proclaim (7/03)
Intrepid 2F (9/02)
Assail 70WP (3/02)
Fulfill 50WG (3/02)
Mustang 1.5EW (10/01)

Lettuce, leaf & head

Baythroid 2EC (9/02)
Courier 70WP (1/02)
Avaunt 30DG (12/00)

Head Lettuce

Mustang Max (1/03)
Capture 2EC (12/00)

Spinach

Capture 2EC (7/03)

Celery, Swiss chard

Admire (6/03)

Herbs

SpinTor 2SC (9/02)

Strawberries

Zeal (9/03)

Provado (6/03)

Admire (6/03)

Acramite 50WS (2/02)

SpinTor 2SC (9/01)

Savey 50WP (9/00)

Grapes

Intrepid 2F (9/02)

SpinTor 2SC (9/02)

Assail 70WSP (5/02)

Acramite 50WS (2/02)

Applaud 70WP (1/02)

Agri-Mek (3/01)

3M Sprayable Pheromone-GBM

Pyramite 60WP (6/00)

Danitol 2.4EC (3/00)

Brambles

SpinTor 2SC (9/02)

Capture 2EC (5/02)

Savey 50WP (4/01)

Blueberries

Esteem 35WP (5/03)

SpinTor 2SC (1/02)

Asana (4/01)

Apples & Pears

Calypso (9/03)

Zeal (9/03)

Warrior (2/03)

Assail 70WP (3/02)

Acramite 50WS (2/02)

Actara 25WDG (5/01)

Avaunt 30DG (12/00)

Intrepid 2F (10/00)

Danitol 2.4EC (3/00)

Surround 95WP (1/00)

Pears

Capture 2EC (7/03)
Brigade 10WSB (4/03)

Peach, Plum, & Cherry

Provado (6/03)
Warrior (2/03)
Esteem 35WP (11/02)
Intrepid 2F (10/02)
Savey 50WP (9/00, 4/01)
Pyramite 60WP (6/00)
Isomate-LPTB (2000)

Peach & Plum

Acramite 50WS (2/02)
3M Sprayable Pheromone-OFM

Cancellations:

- beans, broccoli, cabbage, cauliflower, celery, cucumber, eggplant, melon, onion, pepper, spinach, tomato, **grape, plum, strawberry:**

Guthion (Aug. 2003)

- all crops: methoxychlor (2000)
- cole crops: Monitor 4L
- tomato: Di-Syston 15G
- celery, cucumber, parsley, peppers, squash, swiss chard, turnips: Diazinon (2001)
- **plums:** Carzol (3/00)

Alert Message (2003-20) Individual Tax Package Mailing Program: Timely Mailing of 1040-6, Farmers Tax Package

Source: Don Breese, Farm Management Specialist, Ohio State University Extension

On December 8, 2003, the printing and mailing of approximately 157,209 "Package 1040-6" was completed by Von Hoffmann Corporation in Owensville, MO. The United States Postal Service (USPS) will deliver the packages immediately. These packages are the only 1040 tax packages that are scheduled for delivery before December 26th because of the special requirements for farmers. All other Individual Tax Packages are on schedule for delivery between December 26th and January 8, 2004.

The 2003 Tax Bill and How It Might Affect You and Your Operation

Source: David Miller, Ag & NR Ohio State University Extension Specialist, Farm Management

On May 28th President Bush signed the Jobs and Growth Tax Relief Reconciliation Act of 2003. This

new legislation contains something for almost all taxpayers and should reduce your 2003 tax bill. The major provisions include:

- Rate reductions while the 10% and 15% rates remain, the other rates are reduced by 2%, to 25%, 28% and 33%. The top rate is reduced from 38.6% to 35%. The brackets for the 10% and 15% are widened so that more of your income will be taxed at these lower rates.
- Capital gains the rates on long term capital gains are reduced from 8%, 10%, and 20% to 5% at the minimum and 15% at the maximum for qualifying assets. Assets sold at a gain on May 5, 2003 or before will be taxed at the 10% and 20% rates; assets sold after May 5 will be taxed at the new, lower rates.
- Dividends will no longer be taxed at ordinary income tax rates, but will now be taxed at the lower capital gains rates of 5% and 15%. Dividends paid by qualifying domestic corporations, including small, closely-held corporations, and certain other corporations are eligible for the reduced rates of taxation.
- Section 179 expensing deduction is increased to a maximum of \$100,000 from \$25,000. The phase-out of the 179 expensing will begin at \$400,000, up from \$200,000.
- Bonus depreciation is increased to 50% for qualifying assets purchased after May 5, 2003.

The 30% bonus depreciation option is still available, but you cannot elect to claim both, it is either 30% or 50%.

- Alternative minimum tax the AMT exemption amount is increased \$9,000 to \$58,000 for married taxpayers and \$4,500 to \$40,250 for single taxpayers.
- The child tax credit increases to \$1,000 per qualifying child. An advance 2003 payment of \$400 per child, based on the number of qualifying children claimed on the 2002 return, will be mailed to eligible taxpayers this summer.

The new law presents planning opportunities for those with large taxable incomes. However, most producers currently are not having trouble with too much taxable income, but are struggling to generate enough income to keep their operations going. While several of the provisions will reduce your 2003 tax liability, how you are able to use other provisions will depend on your over-all tax situation. Please consult with your tax advisor before taking any actions that may affect your tax situation.

Terminal Market Wholesale Fruit Prices December 10, 2003

Source: Chicago http://www.ams.usda.gov/mnreports/HX_FV010.txt

Detroit http://www.ams.usda.gov/mnreports/DU_FV010.txt

Pittsburgh http://www.ams.usda.gov/mnreports/PS_FV010.txt

Apples			
Cartons cell-pack			Terminal Market
U.S. ExFcy Empire	MI 96s 20-20.50		Detroit
U.S. ExFcy Empire	NY 80s & 100s 23.00		Detroit
U.S. ExFcy McIntosh	MI 80s & 96s 20.00		Detroit

U.S. ExFcy McIntosh	NY 80s & 100s 23.00	Detroit
	NY 120s 20.50-21.00	Detroit
U.S. Fancy McIntosh	NY 80s 15.00-18.00	Pittsburgh
	NY 100s 14.50-18.00	Pittsburgh
	NY 120s 13.75-16.00	Pittsburgh

Cartons tray-pack

U.S. ExFcy Golden Delicious	MI 125s & 138s 14.00	Pittsburgh
U.S. ExFcy McIntosh	WI 64s & 72s 24.00	Chicago
U.S. ExFcy Red Delicious	MI 56s & 72s 18.00	Chicago
U.S. ExFcy Red Rome	NY 80s 19.00	Pittsburgh
Combination U.S. ExFcy-U.S. Fcy		
Red Delicious	WV 125s & 138s 12.25	Pittsburgh

Cartons tray/cellpack

U.S. ExFcy McIntosh	WI 96s 21.00	Chicago
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12 3-lb filmbags

U.S. ExFcy Empire	MI 2 ½" min 11.50-12.00	Detroit
U.S. ExFcy Gala	MI 2 ½" min 15.00-16.00	Detroit
U.S. ExFcy Golden Delicious	MI 2 ½" min 10.00-12.00	Detroit
U.S. ExFcy Idared	MI 2 ½" min 11.50-12.50	Detroit
U.S. ExFcy Jonathan	MI 2 ½" min 11.50-12.75	Detroit
U.S. ExFcy McIntosh	MI 2 ½" min 10.00-14.00	Detroit
U.S. ExFcy Red Delicious	MI 2 ½" min 10.00-12.00	Detroit
U.S. ExFcy Red Delicious	NY 2 ¼" min 11.75	Pittsburgh
U.S. ExFcy Rome	MI 2 ½" min 11.50-12.50	Detroit
Combination U.S. ExFcy-U.S. Fcy		
McIntosh	NY 2 ¼" min 11.00-11.75	Pittsburgh
Red Delicious	NY 2 ½" min 11.50-11.75	Pittsburgh
Rome	NY 2 ½" min 10.75	Pittsburgh
U.S. Fcy Gala	MI 2 ¼" min/up 12.50-13.00	Chicago
U.S. Fcy Gala	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Golden Delicious	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Jonathan	IL 2 ¼" min/up 9.00-10.00	Chicago
U.S. Fcy McIntosh	MI 2 ¼" min/up 10.00-11.00	Chicago
U.S. Fcy McIntosh	MI 2 ½" min 10.50-11.00	Detroit

U.S. Fcy McIntosh	NY 2 ½" min 10.00	Detroit
U.S. Fcy McIntosh	NY 2 ½" min 11.50-11.75	Pittsburgh
U.S. Fcy Paula Red	MI 2 ¼" min/up 10.50	Chicago
U.S. Fcy Red Delicious	IL 2 ¼" min/up 9.00-10.00	Chicago
U.S. Fcy Red Delicious	MI 2 ¼" min/up 10.00-11.00	Chicago
U.S. Fcy Red Delicious	MI 2 ¼" min 10.50-11.00	Detroit
U.S. Fcy Rome	MI 2 ¼" min/up 10.00	Chicago
Bushel cartons loose		
U.S. Fcy Red Delicious	MI 3" min 10.00-12.00	Detroit
U.S. Fcy Red Delicious	MI 2 ¾" up 8.00	Detroit
No grade marks Jonathan	IL 2 ¼" min/up 9.00	Chicago

The intent of listing terminal market prices is to provide information available in the public domain. It is not intended for price setting, only to assist growers in evaluating the value of their crops. Producers need to remember that the prices listed are gross, and consideration must be given to marketing costs, including commission, handling charge, gate fees, and possible lumper fees.

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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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