

Vegetable & Fruit Insecticide News for 2010-2011
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New products:

<i>Product</i>	<i>A.I.</i>	<i>Target pests</i>	<i>Crops</i>	<i>Date</i>	<i>Registrant</i>
Scorpion 35SL	dinotefuran (same A.I. as Venom)	leafhoppers, whiteflies, bugs, some beetles	potato, lettuce & other leafy veg., cole crops, cucurbits, tomato & other fruiting veg.	May 2010	Gowan
Tourismo (1.17 + 2.33 SC)	flubendiamide (same A.I. as Belt) + buprofezin (same A.I. as Centaur, Applaud)	caterpillars	grapes, pome fruit, stone fruit	Nov. 2009	Nichino America
Vetica (0.33+2.33SC)	flubendiamide (same A.I. as Synapse) + buprofezin (same A.I. as Courier)	caterpillars	tomato & other fruiting veg., lettuce & other leafy veg., cabbage & other cole crops, cucurbits	Aug. 2009	Nichino America
Onager 1EC	hexythiazox (same A.I. as Savey)	mites	grapes, pome fruit, stone fruit	Feb. 2008	Gowan

Products with registration expanded to additional crops:

<i>Product</i>	<i>A.I.</i>	<i>Target pests</i>	<i>Crops</i>	<i>Date</i>	<i>Registrant</i>
Hero 1.24EC	zeta-cypermethrin (same A.I. as Mustang Max) + bifenthrin (same A.I. as Brigade)	beetles, caterpillars, aphids, leafhoppers	now for use on grape, blueberry, brambles, radish & other root crops, potato, cucurbits, greens	May 2010	FMC
Voliam Xpress (0.835 + 0.417 EC)	lambda-cyhalothrin (same A.I. as Warrior) + chlorantraniliprole (same A.I. as Coragen)	beetles, caterpillars, leafhoppers, grasshoppers, stink bugs	now for use on sweet corn, legumes	May 2010	Syngenta
Voliam Flexi (20+20WDG)	thiamethoxam (same A.I. as Actara) + chlorantraniliprole (same A.I. as Coragen)	aphids, leafhoppers, whiteflies, caterpillars, some beetles	now for use on strawberry, mint	May 2010	Syngenta
Belay 2.13SC	clothianidin (same A.I. as Clutch)	aphids, leafhoppers, beetles, bugs, thrips	now for use on peach, pome fruit, grapes, tomato & other fruiting veg., cole crops, greens, cucurbits, lettuce & other leafy veg.	April 2010	Valent
Danitol 2.4EC	fenpropathrin	Japanese beetle, caterpillars	now for use on brambles	Mar. 2010	Valent
Rimon 0.83EC	novaluron	caterpillars, beetle larvae, immature whiteflies & bugs, immature thrips	now for use on blueberry, strawberry, peach, plum, beans, cucurbits, eggplant, pepper	Feb. 2010	Chemtura
Coragen 1.67SC	chlorantraniliprole	caterpillars	now for use on sweet corn, asparagus, legumes, potato, herbs, mint, spices, strawberry	Jan. 2010	DuPont
Altacor 35WDG	chlorantraniliprole	caterpillars	now for use on brambles	Jan. 2010	DuPont
Portal 0.4EC	fenpyroximate (same A.I. as Fujimite)	mites, whiteflies, leafhoppers, mealybugs, psylla	now for use on strawberry, grapes; also melons, tomato & other fruiting veg., pome fruit	Dec. 2009	Nichino America
Centaur 70WDG	buprofezin (same A.I. as in Courier)	scales, mealybugs	now for use on plum, cherry	Nov. 2009	Nichino America
Courier 40SC	buprofezin (same A.I. as in Centaur, Applaud)	leafhoppers and whiteflies	now for use on strawberry, cole crops, eggplant, pepper, celery, parsley, spinach	Oct. 2009	Nichino America
Avaunt 30DG	indoxacarb	armyworms	now for use on blueberry, beets	July 2009	DuPont
Baythroid XL (1EC)	beta-cyfluthrin	leafhoppers, cutworms, flea beetles	now for use on beets	June 2009	Bayer
Zeal 72WP	Etoxazole	spider mite eggs and immatures	now for use on cucumber, stone fruit, mint	2009	Valent

New or improved formulations:

- Lorsban Advanced is a new Lorsban 4E.

Registration modifications:

- Altacor (chlorantraniliprole): PHI on apples and pears was shortened from 14 days to 5 days.
- Zeal (etoxazole): PHI on apples and pears was shortened from 28 days to 14 days.
- Onager (hexythiazox): PHI on grapes was shortened from 28 days to 7 days.
- Guthion 50WP Solupak (azinphos-methyl): limit **per year** for 2011 and 2012 is reduced to 3 lb/A for apple and pear, 1.5 lb/A for cherry, 2 lb/A for parsley. Guthion can not be used after 2012. Made by Makhteshim (MANA).

Products being cancelled:

- Endosulfan (Thionex): Date for use to end is 7/31/2012 for strawberry (annual), peach, plum, cherry, cabbage, kale, cucumbers, melons, summer squash, lettuce; 7/31/2013 for pear; 7/31/2015 for blueberry, apple, pepper, potato, pumpkin, sweet corn, tomato, winter squash; 7/31/2016 for strawberry (perennial).

New or anticipated pests:

- Spotted wing Drosophila on cherries, raspberries, blackberries, blueberries, strawberries, grapes, peaches, plums, apples. Detected in California in 2008, in Florida and Oregon in 2009, and in Michigan in 2010.
- Brown marmorated stink bug: on peaches, apples, grapes, sweet corn, tomatoes, peppers, other crops; moving into Ohio from the east
- Western bean cutworm on sweet corn; moving into Ohio from the west
- Swede midge on cole crops; moving into Ohio from Ontario and western New York
- Silverleaf whitefly on tomatoes; moving into Ohio on transplants from Florida

Recent 2ee labels for new or anticipated pests:

- Brown marmorated stink bug:
 - Danitol on stone and pome fruit, strawberry, blueberry, pepper, tomato, peas, cucurbits, cole crops.
 - Carzol on apple.
- Spotted wing Drosophila
 - Pounce on cherries.
 - Mustang Max on berries (black, rasp, blue), cherries, grapes.
 - Danitol on stone and pome fruit, grapes, strawberries, berries (black, rasp, blue).

Old pests that have been increasing or difficult to manage:

- Corn earworm in sweet corn
- Onion thrips on cabbage
- Woolly apple aphid in apples
- Dogwood borer in apples
- Oriental fruit moth in apples