

Vegetable & Fruit Insecticide News for 2009-2010
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New products with new active ingredient:

- Regent 4SC (fipronil): for in-furrow use on potatoes for wireworm control. Made by BASF. Registered 2008.
- Requiem 25SC (extract of *Chenopodium ambrosioides*): for control of soft-bodied insects (whiteflies, aphids, mites, thrips) on Brassica leafy veg., bulb veg., cucurbits, fruiting veg., leafy veg., root/tuber veg., grapes, pome fruit, tree nuts. Made by AgraQuest. Dec. 2008.
- SucraShield (sorbitol octanoate esters, 40% AI): for control of aphids, caterpillars, leafhoppers, plant bugs, mites, thrips, whiteflies. Works by contact, creating holes in insect exoskeleton, which leads to death by desiccation. On OMRI list, for use on organic crops. Made by Natural Forces LLC. Registered 2008.
- SorbiShield 90 (sorbitol octanoate, 90% AI): similar to SucraShield but not on OMRI list.

New products with old active ingredient:

- FarMore DI 400 (thiamethoxam [Cruiser] plus 3 fungicides): commercial seed treatment for cucumbers, melons, pumpkins, and other cucurbits for systemic control of cucumber beetles; and for lettuce for aphid and leafhopper control. Made by Syngenta. Registered 2009.
- Vetica 2.66SC (flubendiamide [Synapse] plus buprofezin [Courier]): premix for caterpillar control and leafhopper and whitefly suppression on leafy veg., fruiting veg., cucurbits. Made by Nichino America Inc. Registered 3/2009.
- Turismo 3.5SC (flubendiamide [Belt] plus buprofezin [Centaur]): premix for caterpillar and leafminer control and leafhopper and scale suppression on pome fruit, stone fruit, grapes. By Nichino. 3/2009.

New or improved formulations:

- Capture LFR (bifenthrin): for mixing with liquid fertilizer. For use on potato for wireworms, white grubs. Made by FMC.
- Baythroid XL 1EC (beta-cyfluthrin): replaces Baythroid 2EC (cyfluthrin). Rates the same as old rates. Made by Bayer.
- lambda-cyhalothrin: Warrior II (2.1SC) replaces Warrior (1SC). Rates now half of old rates. Made by Syngenta.
- Platinum 75SG (thiamethoxam) replaces Platinum 2SC. Made by Syngenta.
- Oberon 4SC (spiromesifen) for use on potato; other crops on older Oberon 2SC label. Made by Bayer.
- Applaud 70DF (buprofezin) replaces Applaud 70WP. Made by Nichino America.
- Centaur 70WDG (buprofezin) replaces Centaur 70WP. Made by Nichino America.

Registration expanded to additional crops:

- Rimon 0.83EC (novaluron): for caterpillars, now for use on blueberry, & stone fruit except cherries (Jan. 2010), tomato (2009). By Chemtura.
- Zeal 72WSP (etoxazole): for mite control, now for use on cucumbers, all stone fruit. Made by Valent. Registered Dec. 2009.
- Portal, FujiMite (fenpyroximate): now for melons, tomato, pepper, eggplant, for mite, whitefly control. By Nichino America. Registered 7/2009.
- Voliam Flexi (thiamethoxam + chlorantraniliprole): now for use on head and stem Brassica, leafy Brassica, cucurbits, fruiting veg., leafy veg, for sucking pests and caterpillars. Made by Syngenta. Registered July 2009.
- Voliam Xpress (lambda-cyhalothrin + chlorantraniliprole) now for use on pome fruit, stone fruit, tree nuts, and potatoes, for caterpillars, beetles, true bugs. Made by Syngenta. Registered July 2009.
- Centaur 70WDG (buprofezin): now for use on all stone fruit, not just peaches, for scale control. Made by Nichino America. Registered 7/2009.
- Acramite 4SC (bifenazate): now for use on beans, for mite control. Made by Chemtura. Registered June 2009.
- Movento 2SC (spirotetramat): now for use on potato, for aphid control. Made by Bayer. Registered October 2008.
- Kanemite 15SC (acequinocyl): now for use grapes, for mite control. Made by Arysta. Registered April 2008.
- Leverage 2.7SE (1.6+1.1SE) (imidacloprid + cyfluthrin): now for use on dry peas. Made by Bayer. Registered March 2008.

Registration expanded to additional pests:

- Belt 4SC (flubendiamide): now for oriental fruit moth on apple, and grape berry moth and red-banded leafroller on grape. Made by Bayer.
- Applaud 70DF (buprofezin): now for use to control grape mealybug on grape. Made by Nichino America.

Registration modifications:

- Guthion 50WP Solupak (azinphos-methyl): limit per year for 2010 reduced to 4 lb/A for apple and pear, 1.5 lb/A for cherry and blueberry, 2.5 lb/A for parsley. Made by Makhteshim (MANA).
- Lorsban 4E (chlorpyrifos): can now be used on apple for post-bloom trunk drench to control borers, if not used prebloom. Made by Dow.
- Durivo 1.67SC (thiamethoxam + chlorantraniliprole): in addition to application via drip, now for in-furrow or post-seeding drench. By Syngenta.
- Clutch 50WDG (clothianidin): supplemental label for grape allows soil application, for leafhopper control. Made by Valent.
- PennCap-M (microencapsulated methyl parathion): on sweet corn, only for machine harvest. Made by United Phosphorus.

Products or uses lost:

- Di-Syston 8EC, 15G (disulfoton): delete use on all crops including beans, cabbage, lettuce, potato, pepper. Made by Bayer. Dec. 2009.
- Monitor 4L (methamidophos): delete use on all crops including tomato, potato. Made by Bayer. Dec. 2009.
- Furadan 4F (carbofuran): delete use on all crops including cucurbits, sweet corn, potato. Made by FMC. March 2009
- Lorsban 4E (chlorpyrifos): delete use on sweet corn only as pre-plant and at-plant T-band application. Made by Dow. Jan. 2009
- Lannate (methomyl): delete use on strawberry. Made by DuPont.

Product replacements:

- SpinTor (spinosad) has been replaced by two spinetoram products: Delegate 25WG (fruit), Radiant 1SC (vegetables). Made by Dow.
- Confirm 2F (tebufenozide) has been replaced by Intrepid 2F (methoxyfenozide). Made by Dow.
- endosulfan: Endosulfan 50WP is gone, but Thionex 50W (MANA) exists, as do Endosulfan 3EC (Drexel) and Thionex 3EC (MANA).
- bifenthrin: Capture 2EC is gone, but Brigade and many generic products still available.
- deltamethrin: Decis (from Bayer) is gone, but generic Delta Gold (from Winfield Solutions) still exists.