

199-1318

(01-12-2011)

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

January 12, 2011

Timothy E. Wilson
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

Dear Dr. Wilson:

Subject: Amended supplemental labeling to extend the expiration date
Durivo
EPA Reg. No. 100-1318
Your submission dated December 30, 2010

The proposed supplemental labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, is acceptable with the following comment:

- Please revise the expiration statement to read, "This label expires July 16, 2012, and must not be used or distributed after that date."

A stamped copy is enclosed for your records. Please submit two copies of your final printed labeling before you release the product for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). If you have any questions, please contact Julie Chao by phone at: (703) 308-8735, or by email at: chao.julie@epa.gov.

Regards,

A handwritten signature in cursive script that reads "Venus Eagle".

Venus Eagle, Product Manager (01)
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

SUPPLEMENTAL LABEL



Syngenta Crop Protection, LLC
P.O.Box 18300
Greensboro, NC 27419-8300

SUPPLEMENTAL LABEL FOR DURIVO® TO REVISE SOIL APPLICATION METHODS FOR BRASSICA (COLE) LEAFY VEGETABLES, CUCURBIT VEGETABLES, FRUITING VEGETABLES AND LEAFY VEGETABLES.

Active Ingredient:	
Thiamethoxam ¹	17.5%
Chlorantraniliprole ²	8.8%
Other Ingredients:	73.7%
Total:	100.0%

¹CAS No. 153719-23-4
²CAS No. 500008-45-7

Durivo is a soluble concentrate containing 1.67 lb. of thiamethoxam and 0.835 lb. chlorantraniliprole per gallon.

KEEP OUT OF REACH OF CHILDREN.

EPA Reg. No. 100-1318

SCP 1318A-S1-1 0709

This label expires July 16, 2012.

All applicable directions, restrictions and precautions on the EPA-registered label must be followed.

Before using Durivo, as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**ACCEPTED
With COMMENTS
In EPA Letter Dated:
JAN 12 2011**

**Under the Federal Insecticide, Fungicide
and Rodenticide Act, As amended, for the
pesticide Registered under EPA Reg. No:**

100-1318

DIRECTIONS FOR USE

APPLICATION PROCEDURES

SOIL APPLICATION

Select spray nozzles or metering orifices which will provide accurate and uniform deposition. Durivo can be applied during planting or transplanting as an in-furrow spray, transplant hole drench or narrow surface band above the seedline; after planting as a post-seeding, post-transplanting, hill drench, drip chemigation, root zone and shank application. These application methods allow the insecticide to be absorbed by plant roots. Although Durivo is rapidly taken up by plant roots and rapidly moves throughout the plant, the use of sufficient water volume and root zone placement will ensure that the chemical contacts the roots, resulting in optimal uptake and performance.

When making post-emergence applications, direct the application at the base of the plant for optimum root uptake. To help insure accuracy, calibrate sprayer before each use. For information on spray equipment and calibration, consult sprayer manufacturers and/or State Extension Service specialists.

Do not apply Durivo as a broadcast foliar spray with ground or aerial equipment.

CROP USE DIRECTIONS

Crop	Pest	Rate Per Acre Per Application
Brassica (Cole) Leafy Vegetables		
Head & Stem Brassica Broccoli Broccoli, Chinese Brussels sprouts Cabbage Cabbage, Chinese (napa) Cabbage, Chinese mustard Cauliflower Cavalo broccolo Kohlrabi Leafy Brassica Greens Broccoli raab Cabbage, Chinese (bok choy) Collards Kale Mizuna Mustard greens Mustard spinach Rape greens	Aphids Beet Armyworm Cabbage Looper Cabbage Webworm Corn Earworm Diamondback Moth Fall Armyworm Flea Beetles Imported Cabbageworm Southern Cabbageworm Thrips Whiteflies Yellowstriped Armyworm	10.0 – 13.0 fl. oz./A

Use Restrictions

- **Maximum Durivo Allowed per Growing Season:** Do not exceed a total of 13.0 fl. oz./Acre (0.257 lb. a.i./A) of Durivo or 0.172 lb. a.i. of thiamethoxam containing products or 0.2 lb. a.i. of chlorantraniliprole containing products per acre per growing season.
- **Application Rate:** Use lower rates for short residual control and higher rates for long residual control. See rate conversion chart for rate per 1000 linear feet
- **Application Method:** Apply specified dosage in sufficient water volume to ensure uniform application and incorporation into the soil using one of the following methods:
 1. In-furrow spray at the seeding or transplant depth, or a narrow surface band above the seedline during planting. For surface-banded applications, incorporate to the seeding depth with sufficient sprinkle or drip irrigation within 24 hours.

2. Post seeding, transplant, or hill drench using sufficient water volume to ensure incorporation into the root zone.
3. In drip (trickle) chemigation.
4. Shanked into the root zone after establishment or transplanting using fertilizer knives or other similar equipment. After application, incorporate with enough irrigation to move the chemical to the root zone.

For planting systems where multiple rows are planted on beds, apply Durivo according to one of the above methods.

- **Pre-Harvest Interval (PHI):** 30 Days
Refer to Resistance Management section.

Crop	Pest	Rate Per Acre Per Application
<p>Cucurbit Vegetables Chayote Chinese waxgourd Citron melon Cucumber Gherkin Gourd, edible (hyotan, cucuzza, hechima, Chinese okra) <i>Momordica</i> species (balsam apple, balsam pear, bittermelon, Chinese cucumber) Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i>) includes true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon) Pumpkin Squash: summer (crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini) and winter (butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash) Watermelon (includes hybrids and/or varieties of <i>Citrullus lanatus</i>)</p>	<p>Aphids Cucumber Beetles¹ Flea Beetles Leafhoppers Leafminers¹ Melonworm Pickleworm Thrips Whiteflies</p>	<p>10.0 – 13.0 fl. oz./A</p>

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4. Shanked into the root zone after establishment or transplanting using fertilizer knives or other similar equipment. After application, incorporate with enough irrigation to move the chemical to the root zone.

- **Pre-Harvest Interval (PHI):** 30 Days
- **Pest Control:** ¹Suppression.

Refer to Resistance Management section.

Crop	Pest	Rate Per Acre Per Application
Fruiting Vegetables Tomato Peppers: bell, chili, cooking, pimento, and sweet Eggplant Groundcherry Pepino Tomatillo	Aphids Beet Armyworm Colorado Potato Beetle Fall Armyworm Flea Beetles Hornworm species Leafhoppers Leafminers ¹ Loopers Potato Psyllid Southern Armyworm Thrips Tomato Fruitworm Tomato Pinworm Whiteflies Yellowstriped Armyworm	10.0 – 13.0 fl. oz./A

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- **Pre-Harvest Interval (PHI):** 30 Days
- **Pest Control:** ¹Suppression

Refer to Resistance Management section.

Crop	Pest	Rate Per Acre Per Application
Leafy Vegetables Amaranth Arugula Cardoon Celery Celery, Chinese Celtuce Chervil Chrysanthemum: edible- leaved & garland Corn Salad Cress: garden and upland (yellow rocket, winter cress) Dandelion Dock (sorel) Endive (escarole) Fennel, Florence (finocchio) Lettuce: head & leaf Orach Parsley Purslane: garden & winter Radicchio (red chicory) Rhubarb Spinach: New Zealand and Vine (Malabar, Indian) Swiss chard	Aphids Beet Armyworm Cabbage Looper Corn Earworm Diamondback Moth Fall Armyworm Flea Beetles Imported Cabbageworm Leafhoppers Leafminers ¹ Whiteflies	10.0 – 13.0 fl. oz./A

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- **Pre-Harvest Interval (PHI):** 30 Days
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Refer to Resistance Management section.

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