100-1402 8/14/2012 1/5

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

OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

John D. Abbott, Ph.D.
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

AUG 14 2012

Dear Dr. Abbott:

Subject: Labeling Amendment; Adding a supplemental label to include potato use directions previously approved on the main label
Besiege Insecticide
EPA Registration No. 100-1402
Submission Date: July 31, 2012

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) final printed copy for the above mentioned label before releasing the product for shipment. Please note that the supplemental label expires on November 3, 2014, and must not be used or distributed after this date.

If you have any questions regarding this label, please contact Dr. Jennifer Urbanski at (703) 347-0156 or urbanski.jennifer@epa.gov.

Sincerely yours,

Venus Eagle

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

Enclosure- Stamped Label

RESTRICTED USE PESTICIDE
DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS, OR PERSONS UNDER THEIR DIRECT SUPERVISION, AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

SUPPLEMENTAL LABELING

Syngenta Crop Protection, LLC
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 1402A-S3 1111

Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings, and Queens Counties of New York State.
This supplemental labeling expires and must be not be distributed or used after:
November 3, 2014

GROUP	3	28	INSECTICIDES

Besiege™ Insecticide
EPA Reg. No. 100-1402

Active Ingredient:	
Lambda-cyhalothrin[1,2]	4.63%
Chlorantraniliprole[3]	9.26%
Other Ingredients:	86.11%
Total:	100.00%

[1]CAS No. 91465-08-6
[2]Synthetic pyrethroid
[3]CAS No. 500008-45-7
Besiege contains 0.835 lb. of chlorantraniliprole and 0.417 lb. of lambda cyhalothrin per gallon.

KEEP OUT OF REACH OF CHILDREN.
WARNING/AVISO

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Besiege 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.

syngenta

ACCEPTED
AUG 14 2012
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under:

EPA. Reg. No: 100-1402

DIRECTIONS FOR USE
RESTRICTED USE PESTICIDE

CHEMIGATION – POTATOES ONLY

Sprinkler Irrigation Application:

Apply Besiege at rates and timing described elsewhere in this label. As local specifications differ, consult your local State Extension Service or other local experts for specifications on adjuvant or diluent types, (see **TANK MIX APPLICATION**) rates and mixing instructions. These specifications must be proven, through university and extension field trials, to be effective with Besiege applied by chemigation.

Check the irrigation system to insure uniform application of water to all areas. Thorough coverage of foliage is required for good control. Maintain good agitation in the pesticide supply tank prior to and during the entire application period.

Apply by injecting the specified rate of Besiege into the irrigation system using a metering device that will introduce a constant flow and by distributing the product to the target area in 0.1–0.2 acre-inch of water. Use the least amount of water required for proper distribution and coverage. Inject the product into the main irrigation line ahead of a right angle turn in the line to insure adequate dispersion or mixing in the irrigation water. Once the application is completed, flush the entire irrigation and injection system with clean water before stopping the system.

If application is being made during a normal irrigation set of a stationary sprinkler, inject the specified rate of Besiege for the area covered into the system only during the end of the irrigation set for sufficient time to provide adequate coverage and product distribution.

Do not apply Besiege through an irrigation system connected to a public water system. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Use Restrictions: Sprinkler Irrigation Application:

A. Apply this product only through (sprinkler including center pivot, lateral move, end tow, side [wheel] roll, traveler, big gun, solid set, or hand move) irrigation system(s). Do not apply this product through any other type of irrigation system.

B. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

C. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts.

D. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

E. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

F. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water-source contamination from backflow.

G The pesticide injection pipeline must contain a functional automatic quick closing check valve to prevent the flow of fluid back toward the injection pump

H The pesticide injection pipeline must also contain a functional normally closed solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down

I The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops

J The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected

K Systems must use a metering pump such as a positive displacement injection pump (e g diaphragm pump or a Venturi injector) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock

L Any alternatives to the above required safety devices must conform to the list of EPA approved alternative devices

M Do not apply when wind speed favors drift beyond the area intended for treatment or non uniform distribution of treated water

N Do not apply through chemigation systems connected to public water systems

Crop	Pests	Rate Per Acre Per Application
Tuberous and Corm Vegetables		
Arracacha Arrowroot Artichoke (Chinese and Jerusalem only) Canna (edible) Cassava (bitter and sweet) Chayote (root) Chufa Dasheen Ginger Leren Potato Sweet Potato Tanier Turmeric Yam (bean and true)	Cutworms Leafhoppers Saltmarsh Caterpillar Sweet Potato Hornworm Woolybear Caterpillars	5.0 – 8.0 fl. oz./A
	Aphids[3] Armyworms Blister Beetles *Colorado Potato Beetle*[3] Corn Earworm Crickets Cucumber Beetles (adults) European corn borer Flea Beetles (adults) Grasshoppers Loopers Lygus Bugs[3] Plant Bugs Potato Psyllid Potato Tuberworm Stink Bugs Sweet Potato Leaf Beetle (adults) Sweet Potato Vine Borer Thrips[1,2,3] Tortoise Beetles Webworms Weevils (adults)	6.0 – 9.0 fl. oz./A
	Leafminers[1,3] Whiteflies[1,3]	9.0 fl. oz./A

Use Restrictions

- **Maximum Besiege Allowed per Growing Season**: Do not exceed a total of 27.0 fl. oz. of Besiege or 0.12 lb. a.i. of lambda-cyhalothrin containing products or 0.2 lb. a.i. of chlorantraniliprole containing products per acre per growing season.
- **Application Timing**: Apply before pests reach damaging levels. Scout fields and treat again if populations rebuild to potentially damaging levels. Apply higher rates within the listed rate range for heavy infestations.
- **Pre-Harvest Interval (PHI):** 14 days
- **Minimum interval between applications:** 7 days.
- **Water Volume:** Use sufficient water volume to ensure thorough coverage of foliage. Do not use less than 10 GPA for ground applications or 5 GPA for aerial applications.
- Chemigation (potatoes only): see "Chemigation-Potatoes Only" in the INFORMATION section of this label.

[1]Suppression only
[2]Does not include Western Flower Thrips
[3]Refer to Resistance Management section.