

ACCEPTED FOR REGISTRATION FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NEW YORK

March 28, 2012

New York State Department of Environmental Conservation
 Division of Materials Management
 Pesticide Product Registration

SAFARI® 20 SG INSECTICIDE

Basal Trunk Spray for Control of Emerald Ash Borer on Ash Trees

EPA Reg. No. 86203-11-59639
 EPA SLN No. NY-120008

Classified for "RESTRICTED USE" in New York State under 6NYCRR Part 326

Active Ingredient:

Dinotefuran, (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine 20%
 Other Ingredients 80%
 Total: 100%

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

CROP	PEST	APPLICATION RATE FOR BASAL TRUNK SPRAY
ASH TREES (<i>Fraxinus spp.</i>)	Emerald Ash Borer (<i>Agrilus planipennis</i>)	12-24 oz <i>Safari 20 SG</i> per gallon of water (=2.4-4.8 oz ai per gallon of water) One gallon of spray solution should treat approximately 65 inches of cumulative trunk diameter (=2.0 fl oz spray solution per inch of trunk diameter at breast height).

The active ingredient in *Safari 20 SG* is a highly systemic product that will move through the bark into the xylem and then be transported upward to where emerald ash borer larvae and adults feed.

APPLICATION INSTRUCTIONS:

- ◆ Apply from early May until early August. Target life stages are adults and young larvae.
- ◆ Apply with a low-pressure sprayer operated at maximum of 20 PSI to avoid damage to the trees, splash-back and drift.
- ◆ Evenly and slowly spray solution on bark over entire circumference of tree trunk from 1 – 54" above the soil surface. Wet bark with spray solution just to the point of saturation and run-off. During application, do not allow spray solution to run off trunk on to soil surface.
- ◆ Do not apply directly to soil.
- ◆ Do not apply to rain saturated bark, during rainfall, or if significant rainfall is expected within 12 hours after application.
- ◆ Do not make more than 2 applications per ash tree per year
- ◆ Do not apply more than 2.7 lb of *Safari 20 SG* per acre per year (=0.54 lb ai per acre per year).

GENERAL INFORMATION

Safari 20 SG may be applied as a low-pressure basal trunk spray to ash trees growing in outdoor sites including apartment complexes, athletic fields, cemeteries, golf courses, lawns and ornamental landscapes around residences and businesses, parks, military bases and other government institutions, office complexes, playgrounds, and in private, city, state and federal parks, recreation areas and forests.

APPLICATION EQUIPMENT

Safari 20 SG can be applied using many different types of low pressure sprayers. Before applying *Safari 20 SG*, start with a clean, well maintained sprayer. Use a spray nozzle that produces medium-sized droplets.

MIXING INSTRUCTIONS

1. Fill clean spray tank to 2/3 of desired level with clean water.
2. Add *Safari 20 SG*, agitate until product has dissolved and then fill spray tank to desired level with clean water.
3. Continue agitation until all spray solution has been applied.

Follow all applicable directions, restrictions and precautions on the EPA-registered label. This labeling must be in the possession of the user at the time of pesticide application.

FIFRA §24(c) registrant: Valent U.S.A. Corporation
 P.O. Box 8025
 Walnut Creek, CA 94596-8025

New York State Department of Environmental Conservation
Division of Materials Management
Bureau of Pest Management
Product Registration and Pest Management Alternatives
625 Broadway, Albany, New York 12233-7257
Phone: (518) 402-8768 • **Fax:** (518) 402-9024
Website: www.dec.ny.gov/chemical/8528.html
E-Mail: ppr@gw.dec.state.ny.us



Joe Martens
Commissioner

March 28, 2012

VIA UPS

Ms. Melinda Bowman
Registration Manager
Valent U.S.A. Corporation
1600 Riviera Avenue
Walnut Creek, California 94596-8025

Dear Ms. Bowman:

Re: Registration of Special Local Need Labeling for Safari 20 SG Insecticide (EPA Reg. No. 86203-11-59639) Assigned SLN No. NY-120008.

The New York State Department of Environmental Conservation (Department) has reviewed the application submitted by Valent U.S.A. Corporation and supporting documentation submitted by Landis International, Inc. (Regulatory Agent for the basic registrant Mitsui Chemicals, Inc.) to register Special Local Need (SLN) labeling for Safari 20 SG Insecticide (EPA Reg. No. 86203-11-59639) in New York State. The subject product contains the active ingredient dinotefuran (chemical code 044312).

Safari 20 SG Insecticide is labeled for application as a foliar spray, broadcast spray, soil drench, and via chemigation for insect control in ornamental plants grown in commercial, industrial, and residential areas, indoor and outdoor nursery and greenhouse ornamental production.

The Department conducted a technical review which evaluated impacts to human health, non-target organisms, and environmental fate and subsequently denied registration of outdoor use patterns in New York State for Safari 20SG per Department letter to Valent U.S.A. Corporation dated January 7, 2008. The denial letter determined unacceptable risk to honey bees and other organisms dependent on plant pollen and nectar as well as groundwater as determined by dinotefuran's environmental fate data, the products' groundwater advisory statements and the Department's LEACHP simulations suggesting the potential for dinotefuran and its degradate MNG to adversely impact groundwater/drinking water resources in New York State.

The SLN labeling for use of Safari 20 SG (EPA Reg. No. 86203-11-59639) will allow limited use of the product as a basal trunk spray for control of Emerald Ash Borer on Ash Trees. This SLN will meet a critical need to control an invasive species to New York State. Precautions listed on the SLN labeling will significantly limit impacts to non-target organisms such as bees and limit potential impact to groundwater.

The Department has received requests from two researchers affiliated with Cornell University to support an SLN registration for use of Safari 20 SG to control emerald ash borer. Daniel Gilrein, Extension Entomologist, Cornell University Cooperative Extension of Suffolk County, Long Island Horticultural Research and Extension Center and Mark Whitmore, Forest Entomologist with Cornell University's Department of Natural Resources, report that emerald ash borer (EAB) is now established in New York in several areas including parts of the Hudson Valley, southeast and western New York. Researchers Gilrein and Whitmore, report that Dinotefuran 20SG was efficacious against EAB and that the application of the product as a basal trunk spray demonstrated faster systemic uptake compared with imidacloprid soil applications for control of EAB. Trunk spray application methods reduce the impact to the tree over tree injection methods and avoid direct application to soil and potential impacts to groundwater resources. Application to the tree trunk and not to branches and flora will reduce potential impacts to bees and other pollinators.

The SLN labeling specifies the New York State required use restrictions for Safari 20 SG Insecticide (EPA REg. No. 86203-11-59639) for use only as a Basal Trunk Spray for Control of Emerald Ash Borer on Ash Trees. The product is assigned the registration number: **SLN No. NY-120008**.

Therefore, under the authority of Section 24(c) of FIFRA, the Department hereby grants a Special Local Need registration for Safari 20 SG Insecticide (EPA Reg. No. 86203-11-59639).

The SLN labeling contains the only uses allowed in New York State. All precautionary statements, applicable use directions, use precautions and limitations of the labeling affixed to the Safari 20 SG Insecticide container must be followed.

The SLN registration for Safari 20 SG Insecticide (SLN No. NY-120008), as noted on the "restriction" column of the certificate, is classified as "restricted use" in New York State under rules and regulations 6NYCRR 326.23(e). As such, this product is restricted in its purchase, distribution, sale, use, and possession in New York State.

According to New York State Department of Environmental Conservation Regulations 6NYCRR 326.3(a): "It shall be unlawful for any person to distribute, sell, offer for sale, purchase for the purpose of resale, or possess for the purpose of resale, any restricted pesticide unless said person shall have applied for, and been issued a commercial permit."

Should you require information to obtain a commercial permit, please contact the Pesticide Reporting & Certification Section, at (518) 402-8748.

The Pesticide Reporting Law (PRL) in the Environmental Conservation Law Article 33 Title 12 requires all certified commercial pesticide applicators to report information annually to the Department regarding each pesticide application they make. **Commercial pesticide retailers are required to report all sales of restricted pesticide products and sales of general use pesticide products to private applicators for use in agricultural crop production.** If no sales are made within New York State, a report still must be filed with the Department indicating this is the case.

Ms. Melinda Bowman

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If you need information relating to the Pesticide Reporting Law, or annual report forms, please visit the Department's website at <http://www.dec.ny.gov/chemical/27506.html> or call (518) 402-8748.

The Certificate of Pesticide Registration and a copy of the New York State stamped "Accepted" SLN labeling and the associated container labeling for Safari 20 SG Insecticide, are enclosed for your records.

Please be reminded that a copy of the accepted SLN label **must** be distributed with all products sold in New York State and be in the possession of the user at the time of pesticide application.

Please contact Ms. Paula McBath, of my staff, at (518) 402-8768, if you have any questions.

Sincerely,

Jeanine M. Broughel

Digitally signed by Jeanine M.
Broughel
Date: 2012.03.28 15:39:02 -04'00'

Jeanine M. Broughel

Chief

Product Registration and Pest Management
Alternatives

Enclosures