

FIFRA Section 24(c) Special Local Need



FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OHIO

Safari[®]

20 SG INSECTICIDE

Trunk Spray for Control of Emerald Ash Borer
 EPA Reg. No. 33657-16-59639
 EPA SLN No. OH-070002

Active Ingredient:

Dinotefuran, (<i>RS</i>)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine	20%
Other Ingredients	<u>80%</u>
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	PRODUCT RATE PER GALLON OF SPRAY SOLUTION
Ash Trees <i>Fraxinus</i> spp.	Emerald Ash Borer <i>Agrilus planipennis</i>	Add the following to 1 gallon of water: 12 oz of Safari 20 SG 3 oz of Pentra-Bark [®]

One gallon of spray solution will treat approximately 36 to 40 inches of tree diameter when measured at 4.5 feet above the soil line.

APPLICATION INSTRUCTIONS:

Preferred application timing is late April to mid May.

Spray solution on tree trunk from 4" to 60" above the soil surface,

Adjust sprayer nozzle to uniformly distribute spray solution on bark over the entire circumference of the tree trunk.

Wet bark with spray solution just to the point of saturation and run-off to the soil surface.

Use low pressure sprayer operated at 10 to 20 psi to avoid damage to the trees and splash-back or drift.

Do not apply to wet bark, during rainfall, or if rain is expected within 12 hours after application.

Do not make more than one application per year. Do not apply more than 2.7 lb of Safari 20 SG per acre per year.

GENERAL INFORMATION

Safari 20 SG is a highly systemic product that will move through bark and will be translocated upward throughout ash trees. *Safari 20 SG* can be applied as a low pressure bark spray to ash trees growing on outdoor residential, recreational and commercial sites such as home lawns, commercial lawns, multifamily residential and apartment complexes, grounds or lawns around business and office complexes, shopping centers, airports, military and other institutions, cemeteries, golf courses, playgrounds, woodlots, parks, athletic fields, sod farms, and nurseries for the control of Emerald Ash Borer.

Safari 20 SG should be applied before trees are heavily infested and showing obvious symptoms of decline. Application to heavily infested trees may not prevent the decline or death of trees due to existing damage and tree stress. Do not apply *Safari 20 SG* when ash trees are dormant, under drought stress, or not actively taking up water from the soil. Data from field trials shows that efficacious concentrations of *Safari 20 SG* are present within ash trees by 21 days after application. Consult your local State Extension Service for more specific application timing recommendations.

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. Apply a sufficient amount of water to ensure good coverage to the entire circumference of the lower 5 feet of the tree trunk. To reduce drift, use a spray nozzle that produces medium-sized droplets. Ensure spray solution does not contact desirable adjacent plant material.

MIXING INSTRUCTIONS

1. Fill clean spray tank to 2/3 of desired level with clean water.
2. Add 12 oz of *Safari 20 SG* per gallon of spray solution.
3. Agitate, and after the *Safari 20 SG* has completely dispersed, add 3 oz of Pentra-Bark per gallon of spray solution.
4. Fill spray tank to desired level with clean water.
5. Continue agitation until all spray solution has been applied.
6. Prepare no more spray mixture than is required for the immediate spray application.

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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
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Safari is a registered trademark of Valent U.S.A. Corporation.
Pentra-Bark is a registered trademark of Quest Products Corporation.

Bayer Environmental Science

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MERIT® 2F Insecticide

For use on Ash Trees

EPA Reg. No. 432-1312

EPA SLN No. OH-070001

24(c) Supplemental Label

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF OHIO

It is a violation of federal law to use this product in a manner inconsistent with its label. This label must be in the possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.

Best Management Practices should be employed when using this product. Consult your State Agricultural Experiment Station, or State Extension Service Specialists for recommendations in your use area

DIRECTIONS FOR USE

ASH TREES

Pests Controlled	Rate
Emerald ash borer	6 ml / inch of trunk diameter (at breast height)

Notes and Restrictions:

MERIT 2F may be applied for control of emerald ash borer up to a maximum rate of 0.8 lbs imidacloprid per acre per season.

Recommended applications:

Typically, many of the fine absorptive roots of ash trees are located near the base of the tree, in the upper eight inches of the soil. Apply MERIT 2F near the base of the tree (i.e., within 2-4 ft) to ensure rapid uptake by these absorptive roots. If the product is being soil injected, space injection holes evenly around the tree. If the product is being applied by drenching, remove bark, leaves, mulch, or other organic matter from around the base of the tree prior to application.

Apply the product in sufficient volume of water to ensure proper mixing, but do not apply water in quantities that will cause the soil around the base of the tree to become saturated. The total amount of water used should be sufficient to adequately moisten the soil in the root zone.

For MEDICAL and TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577

For PRODUCT USE Information Call 1-800-331-2867

Or visit our worldwide web site at www.bayerprocentral.com

As with any plant-protection product, always read and follow label directions.