

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NEW YORK

**SAFARI® 20 SG INSECTICIDE**

Basal Trunk Spray for Control of Hemlock Woolly Adelgid and Elongate Hemlock Scale on Hemlocks Only

EPA Reg. No. 33657-16-59639

EPA SLN No. NY-100008

**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
EASTERN HEMLOCK ( <i>Tsuga canadensis</i> )	Hemlock Woolly Adelgid ( <i>Adelges tsugae</i> )	9.0 oz <i>Safari 20 SG</i> per gallon of water  (=1.8 oz ai per gallon of water)
CAROLINA HEMLOCK ( <i>Tsuga caroliniana</i> )	Elongate Hemlock Scale ( <i>Fiorinia externa</i> )	When applied just to point of runoff, one gallon of spray solution will treat approximately 65 – 85 inches of cumulative trunk diameter (=1.5 - 2.0 fl oz spray solution per inch of trunk diameter).

The active ingredient in *Safari 20 SG* is a highly systemic product that will move through bark into the xylem and then be transported upward to foliage where hemlock woolly adelgid and elongate hemlock scale feed. In actively growing hemlocks, control may be evident within 2 weeks after application.

**APPLICATION INSTRUCTIONS:**

- ◆ Apply when hemlocks are actively growing and transporting water in xylem (March-November).
- ◆ Apply with a low-pressure sprayer operated at maximum of 20 PSI to avoid damage to the trees, splash-back and drift.
- ◆ Spray solution on bark over entire circumference of tree trunk from 4" – 54" above the soil surface. Wet bark with spray solution just to the point of saturation and run-off. Do not allow spray solution to run off trunk on to soil surface.
- ◆ Do not apply directly to soil.
- ◆ Do not directly apply to any plant species other than Eastern or Carolina hemlocks.
- ◆ Do not apply to rain saturated bark, during rainfall, or if rain is expected within 24 hours after application.
- ◆ Do not make more than 2 applications per hemlock 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 hemlock 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, 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.

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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  
Walnut Creek, CA 94596-8025