

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF PENNSYLVANIA SAFARI® 20 SG INSECTICIDE

For Control of Hemlock Woolly Adelgid and Elongate Hemlock Scale on Hemlocks Only
EPA Reg. No. 33657-16-59639
EPA SLN No. PA-080006

Active Ingredient	By Wt.
Dinotefuran, [N-methyl-N'-nitro-N''-(tetrahydro-3-furanyl)methyl]guanidine.....	20%
Inert 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/ USE SITE	PESTS	AMOUNT OF SAFARI 20 SG	SPECIAL INSTRUCTIONS
EASTERN HEMLOCK <i>(Tsuga canadensis)</i> CAROLINA HEMLOCK <i>(Tsuga caroliniana)</i>	Hemlock Woolly Adelgid <i>(Adelges tsugae)</i>	Soil Drench <i>or</i> Soil Injection <i>or</i> Trunk Spray Small Hemlocks (Less than 24" in diameter at breast height)	For optimal results, apply when hemlocks are actively taking up water from soil. Do not apply to frozen or saturated soil. In actively transpiring trees, control may begin within as little as 2-3 weeks after a soil drench, soil injection or trunk spray.
	Elongate Hemlock Scale <i>(Fiorina externa)</i>	3-6 grams per inch of trunk diameter at breast height (indbh) (1.25 –2.5 teaspoons per indbh) (1.05-2.1 oz per 10 inches of trunk diameter at breast height) (0.6-1.2 gmai per indbh)	<u>Soil Injection</u> Space injection holes evenly around trunk within 2 feet of trunk. Make at least 4 injections per tree. Apply to root zone in top 1-4 inches of soil. Apply 1-32 fl oz of solution per indbh depending on application equipment. Example: if hemlock is 10 indbh, desired application rate is 1.05 oz of <i>Safari</i> 20 SG per 10 indbh, and desired application volume is 1 fl oz per indbh, mix 1.05 oz of <i>Safari</i> 20 SG in 10 fl oz of water and apply to soil at base of hemlock.
		Large Hemlocks (24" diameter or greater at breast height) 6-12 grams per inch of trunk diameter at breast height (indbh) (2.5 – 5.0 teaspoons per indbh) (2.1-4.2 oz per 10 inches of trunk diameter at breast height) (1.2-2.4 gmai per indbh) For multi-stem trunks, base rate on cumulative diameter at breast height	<u>Trunk Spray</u> A silicone based surfactant at 0.25% v/v must be used with all trunk spray applications. Evenly spray trunk and root flare between 0 and 4.5 feet above soil line. Apply 2-3 fl oz spray solution per indbh, or just to the point of runoff. Combination with a surfactant may improve penetration on large trees with thick bark. <i>Safari</i> will be absorbed through bark into vascular system. <u>Soil Drench</u> Apply 1-4 quarts of solution per indbh to soil within 2 feet of trunk to adequately moisten root zone. Rake back any heavy organic matter prior to application.

USE RESTRICTIONS AND PRECAUTIONS: Do not apply more than 2.7 lb of *Safari* 20 SG (=0.54 lb.ai) per acre per year. Only for use against hemlock woolly adelgid and elongate hemlock scale. Do not apply within 20 feet of water. Only to be applied as described in this labeling. 1 level teaspoon contains 2.4 grams, and one cup (8 fl oz) contains 4.0 oz *Safari* 20 SG.

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.

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