

Applying Safari 20 SG by Trunk Spray

Use the **specialty marked plastic measuring cup** that comes with your purchase of Safari to measure the required amount of product and a regular measuring cup to measure the amount of water. Note that the numbers printed on special measuring cup refer to the *weight* of Safari 20 SG in ounces and are not the same as in a regular measuring cup.

Wear long sleeved shirt, long pants, shoes and socks, goggles, gloves, and mask while spraying.

Step 1. To make a **master batch of treatment mixture**, put the required amount of water in a mixing container first. **Warm water** works best. Then add the corresponding amount of product shown in the Mixing chart below and shake well.

MIXING MASTER BATCH		
Amount of Product	Amount of Water	<p>The mixing ratio for trunk spray is 3.5 ounces of product per quart of water.</p> <p>In this mixture there is .6 gram of active ingredient per ounce of mixture.</p>
3.5 ounces	32 fluid ounces (1 qt)	
7 ounces	64 fluid ounces (2 qts)	
10.5 ounces	96 fluid ounces (3 qts)	
12 ounces	110 fluid ounces	
14 ounces	128 fluid ounces (1 gal)	

Step 2. Measure the trunk diameter of the tree at breast height. This is called “inches dbh.”

Step 3. Treatment is done on an **individual tree** basis. Use the Dosing table below to determine how many ounces of treatment mixture the tree needs by multiplying its trunk diameter by the number of ounces shown in the center column. Use a regular measuring cup to measure out exactly the required amount of mixture for the tree and pour it into the sprayer.

DOSING EACH TREE		
Inches (DBH)	Oz of MIXTURE per Inch DBH	Active Ingredient per Inch DBH
1 - 15	1 ounce	.6 gram
16 - 19	1.33 ounces	.8 gram
20 - 23	1.67 ounces	1 gram
24 - 27	2 ounces	1.2 grams
28 - 31	2.33 ounces	1.4 grams
32 - 35	2.67 ounces	1.6 grams
36 - 39	3 ounces	1.8 grams
40 - 43	3.33 ounces	2 grams
44 - 47	3.67 ounces	2.2 grams
48 or greater	4 ounces	2.4 grams

Step 4. Set the sprayer for low pressure (10-15 psi) and position the nozzle 2 inches from the trunk. From 5 ½ feet above the ground to 6 inches above the ground, spray very slowly to avoid back-splash and allow the treatment material to be absorbed into the bark; try not to let it drip down onto the ground. Spray until the sprayer is empty so you use all of the treatment mixture on the intended tree.

NOTE: If the spray is too foamy, you can add a cup or two of water in the sprayer tank after you’ve loaded the required amount of treatment mixture into it.

Step 5. When you’re finished treating each tree, mark it to indicate it’s been treated. Give the treatment time to dry before children or pets are allowed in the area.

CALL THE HEMLOCK HELP LINE 706-429-8010 WITH ANY QUESTIONS.



Step 1. Measure the trunk diameter of the tree at breast height before mixing the treatment.

Step 2. To make a **small custom batch of treatment mixture per tree**, put 2-3 ounces of water per diameter inch into a mixing container first. **Warm water** works best. Then add the corresponding amount of product shown in the Mixing chart below and shake well.

MIXING SMALL CUSTOM BATCH		
Inches of Diameter (DBH)	Amount of PRODUCT per inch DBH	Active Ingredient per inch DBH
1 – 15	3 grams = .1 oz	.6 gram
16 – 19	4 grams = .133 oz	.8 gram
20 – 23	5 grams = .167 oz	1 gram
24 - 27	6 grams = .2 oz	1.2 grams
28 – 31	7 grams = .233 oz	1.4 grams
32 – 35	8 grams = .267 oz	1.6 grams
36 – 39	9 grams = .3 oz	1.8 grams
40 - 43	10 grams = .33 oz	2 grams
44 – 47	11 grams = .367 oz	2.2 grams
48 or more	12 grams = .4 oz	2.4 grams

Step 3. Pour the amount of treatment mixture for the intended tree into the sprayer.

Step 4. Set the sprayer for low pressure (10-15 psi) and position the nozzle 2 inches from the trunk. From 5 ½ feet above the ground to 6 inches above the ground, spray very slowly to avoid back-splash and allow the treatment material to be absorbed into the bark; try not to let it drip down onto the ground. Spray until the sprayer is empty so you use all of the treatment mixture on the intended tree.

NOTE: If the spray is too foamy, you can add a cup or two of water in the sprayer tank after you've loaded the required amount of mixture into it.

Step 5. When you're finished treating each tree, mark it to indicate it's been treated. Give the treatment time to dry before children or pets are allowed in the area.

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