

Applying Transtect 70 WSP by Soil Drench

Each 0.6-ounce packet of Transtect 70 WSP will treat an average of 12 diameter inches.

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

Note: If you prefer to make a **small custom batch** per tree, see instructions on reverse side.

MIXING		
Amount of Product	Amount of Water	
Put 1 packet in water; don't open the packets	20 fluid ounces	The mixing ratio is 1 packet with 20 ounces of water. In this mixture there is .6 gram of active ingredient per ounce of solution.
2 packets	40 fluid ounces	
3 packets	60 fluid ounces	
4 packets	79 fluid ounces	
5 packets	100 fluid ounces	

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

Step 3. Rake back any leaf litter, duff or debris from the base of the tree so that bare soil is accessible. At a distance of **no more than 12 inches from the base of the tree**, use a piece of rebar to make one hole in the soil for each inch of trunk diameter. The holes should be evenly spaced around the tree and **no deeper than 2-3 inches**. Placing the solution very close to the trunk, up against the big roots, and in the sinuses between the roots helps speed absorption.

Note: For trees that are smaller than 4 inches in diameter, make a minimum of 4 shallow holes around the tree.

Step 4. Treatment is done on an **individual tree** basis. Use the Dosing table below to determine how many ounces of solution the tree needs by multiplying its trunk diameter by the number of ounces shown in the center column.

DOSING		
Inches (DBH)	Oz of SOLUTION per Inch DBH	Active Ingredient per Inch DBH
1 - 15	1 ounce	0.6 gram
16 - 19	1.33 ounces	0.8 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 5. Use a regular measuring cup to measure out exactly the required amount of solution for the tree and pour it into a larger dispensing container. Then **add more water** to make it easier to distribute the material evenly around the tree, as follows:

For trees up to 12” in diameter, add one gallon of water.

Add one more pint of water for every inch of diameter over 12.

Step 6. Pour the solution slowly into the holes to avoid runoff and be sure to use it all up on the intended tree. 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. If you want to make a **small custom batch** of solution per tree, measure the trunk diameter of the tree at breast height before mixing solution. This is called “inches dbh.”

Step 2. To make a small custom batch of **solution 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	.86 grams = .03 oz	.6 gram
16 – 19	1.14 grams = .04 oz	.8 gram
20 – 23	1.43 grams = .05 oz	1 gram
24 - 27	1.71 grams = .06 oz	1.2 grams
28 – 31	2 grams = .07 oz	1.4 grams
32 – 35	2.29 grams = .08 oz	1.6 grams
36 – 39	2.57 grams = .09 oz	1.8 grams
40 - 43	2.86 grams = .1 oz	2 grams
44 – 47	3.14 grams = .11 oz	2.2 grams
48 or more	3.43 grams = .12 oz	2.4 grams

Step 3. Once you’ve mixed the required amount of solution for the intended tree, pour it into a larger dispensing container. Then **add more water** to make it easier to distribute the material evenly around the tree, as follows:

For trees up to 12” in diameter, add one gallon of water.

Add one more pint of water for every inch of diameter over 12.

Step 4. Pour the solution slowly into the holes to avoid runoff and be sure to use it all up on the intended tree. When you’re finished treating the 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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