



Save Georgia's Hemlocks

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 treatment mixture, 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.

| MIXING THE MASTER BATCH | |
|--------------------------------------------------|------------------|
| Amount of Product | Amount of Water |
| Put 1 packet in water; don't open the packets | 20 fluid ounces |
| 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, needle 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 2-4 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 treatment mixture the tree needs by multiplying its trunk diameter by the number of ounces shown in the right-hand column.

| DOSING EACH TREE | |
|------------------|-----------------------------------------|
| Inches (DBH) | Oz of TREATMENT MIXTURE per Inch DBH |
| 1 - 15 | 1 ounce |
| 16 - 19 | 1.33 ounces |
| 20 - 23 | 1.67 ounces |
| 24 - 27 | 2 ounces |
| 28 - 31 | 2.33 ounces |
| 32 - 35 | 2.67 ounces |
| 36 - 39 | 3 ounces |
| 40 - 43 | 3.33 ounces |
| 44 - 47 | 3.67 ounces |
| 48 or greater | 4 ounces |

Step 5. Use a measuring cup to measure out exactly the required amount of treatment mixture for the tree and put it into a larger pouring container. Then **add more water** to the pouring container to make it easier to distribute 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 treatment mixture into the holes and all around the base of the tree slowly 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.