Applying Transtect 70 WSP by Kioritz Soil Injector

The Kioritz soil injector holds up to 96 ounces of fluid and dispenses 1/6 ounce of fluid with each pump when the calibration ring is set on the red number 5. Each 0.6-ounce packet of Transtect 70 WSP will treat an average of 12 diameter inches.

Step 2. To make a master batch of treatment 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.

MIXING THE MASTER BATCH	
Amount of Product	**Amount of Water**
Put 1 entire 0.6-oz. packet in water; don't open the packet.	10 fluid ounces
2 packets	20 fluid ounces
3 packets	30 fluid ounces
4 packets	40 fluid ounces
5 packets	50 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, make one injector 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. Injecting 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. Based on the trunk diameter, pump the injector handle the number of times shown in the Dosing chart below.

DOSING EACH TREE	
Inches (DBH)	**Pumps PER INCH DBH**
1 – 15	3 pumps
16 – 19	4 pumps
20 – 23	5 pumps
24 - 27	6 pumps
28 – 31	7 pumps
32 – 35	8 pumps
36 – 39	9 pumps
40 - 43	10 pumps
44 – 47	11 pumps
48 or more	12 pumps

Step 5. When you're finished treating each tree, mark it to indicate it's been treated. When finished working, triple rinse the injector as described in "Introduction to Treating Hemlocks" and store it upside down.

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