Applying Imidacloprid 75 WSP (2.25 oz packet)
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 5. Each 2.25 oz packet of Imidacloprid 75 WSP will treat an average of 63 diameter inches.

Step 1. To make a master batch of treatment solution, follow the proportions of water and packets of product shown in the Mixing chart below. Warm water works best for dissolving the packets. Put the water in a mixing container first. Then add the corresponding number of packets and shake well.

MIXING THE MASTER BATCH	
Amount of Product	**Amount of Water**
Put 1 entire 2.25 oz packet into water; don't open the packet.	32 fl oz
2 packets	64 fl oz
3 packets	96 fl oz

Note: This mixing ratio is the one recommended for Dry to Normal Soil. We suggest using it even if the soil is moist to prevent clogging the injector.

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.
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**
1-11	2 pumps / hole
12-18	3 pumps / hole
19-22	4 pumps / hole
>22 should be treated two years in a row.	6 pumps / hole

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.