

# Applying Imidacloprid 75 WP (wetable powder) by Soil Drench

NOTE: Each oz of Imidacloprid 75 WP will treat an average of 28 diameter inches.

**Step 1.** To make a master batch of treatment mixture, follow the proportions of water and product shown in the Mixing chart below. Note that the first line of the Mixing chart indicates the basic ratio. The remaining lines use the same mixing proportions but show them for larger quantities. **Warm water** works best for dissolving the chemical. Put the water in a 1-gallon mixing container first. Then add the corresponding number of ounces of product and shake well.

MIXING THE MASTER BATCH	
Amount of Product	Amount of Water
1 oz	14 fl oz.
2 oz	28 fl oz
4 oz	56 fl oz.
6 oz.	84 fl oz.

**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 thin piece of rebar to make one hole in the soil for each inch of trunk diameter. 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.** 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 Dosage column.

For example, a tree 9 inches in diameter would need a total of 3 ounces of mixture. A tree 16 inches in diameter would need a total of 8 ounces of mixture.

DOSING EACH TREE	
Inches (DBH)	Ounces of Mixture per Inch DBH
1-11	1/3 ounce
12-18	1/2 ounce
19-22	2/3 ounce
>22 should be treated two consecutive years.	1 ounce

**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 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 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.**

