



Bayer Environmental Science

A Division of Bayer CropScience LP
 P.O. Box 12014, 2 T. W. Alexander Drive
 Research Triangle Park, North Carolina 27709

Criterion 75 WSP Insecticide

EPA Reg. No. 432-1318

For Trees

Supplemental Label

Criterion 75 WSP Insecticide

This supplemental label expires on September 13, 2014 and must not be used or distributed after this date.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read this label and the product package label before using this product. This Supplemental Label must be in possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for Criterion 75 WSP Insecticide.

DIRECTIONS FOR USE

TREES & SHRUBS: SOIL APPLICATIONS

Trees and Shrubs	1.6 oz (1 packet) CRITERION 75 WSP Insecticide per 24 to 48 inches of cumulative trunk diameter or 24-48 feet of cumulative shrub height		
Adelgids (including hemlock woolly adelgid) Aphids Leaf-feeding beetles (including Japanese beetle and vine weevil adults)	Leaf-feeding bugs (including lace bugs, leaf bugs, and plant bugs) Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter) and spittle bugs	Leafminers Mealybugs Pine tip moth larvae Psyllids Royal palm bug	Sawfly larvae Soft scales Whiteflies
Trees and Shrubs	1.6 oz (1 packet) CRITERION 75 WSP Insecticide per 24 inches of cumulative trunk diameter or 24 feet of cumulative shrub height		
Armored scales (including but not limited to: camellia, false oleander, Florida red, oystershell, tea, and white peach scales) Flatheaded borers (including emerald ash borer)	Roundheaded borers (including Asian longhorned beetle) Thrips (foliage only) White grub, billbug, and root weevil larvae		
<p>Example equation: $[x \text{ (total DBH inches of a tree)} / y \text{ (cumulative trunk diameter rate to be applied)}] * 1.6 \text{ oz (1 packet)} = \text{total oz of product per tree.}$</p> <p>Examples of single tree calculations: To calculate the rate range with a 12 inch DBH tree: $(12/48) * 1.6 \text{ oz. (1 packet)} = 0.4 \text{ oz per tree}$ $(12/24) * 1.6 \text{ oz. (1 packet)} = 0.8 \text{ oz per tree}$</p> <p>If treating multiple trees at a similar rate, add the DBH of the trees together and divide by rate to be applied. Example of multiple trees using similar rate of 48 (y): 3 trees with DBH of 8, 10, & 9 inches. Total cumulative inches of DBH is 27 (x). $(27/48) * 1.6 \text{ oz. (1 packet)} = 0.9 \text{ oz total for all three trees}$</p>			

Soil Injection: GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1000 square feet as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

RESTRICTION:

No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.

Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.

Trees: SOIL APPLICATIONS FOR Trees with a 15 inch of trunk diameter at breast height (D.B.H.) or greater TO TREAT THE PESTS LISTED BELOW

Use the following rates as a function of tree DBH. Apply 1.6 ounces (1 packet) of Criterion 75 WSP Insecticide per 12 to 48 inches of cumulative trunk diameter for tree(s) intended to be treated. You may use the higher rate of 1.6 ounces (1 packet) of Criterion 75 WSP Insecticide per cumulative trunk diameter (12 inches to less than 24 inches) only to control the pests listed below.

RESTRICTION: Do not apply more than 8.53 oz (0.4 lb ai) per year

DBH = is measured 4.5 feet from the ground

Emerald Ash Borer
Bronze birch borer

Asian Longhorned Beetle
Eucalyptus Longhorned Borer

Alder Borer

Example equation: $[x \text{ (total DBH inches of a tree)} / y \text{ (cumulative trunk diameter rate to be applied)}] * 1.6 \text{ oz (1 packet)} = \text{total oz of product per tree.}$

Calculation examples for a single tree with a DBH greater than 15 inches:

To calculate the higher rate range with a 30 inch DBH tree:
 $(30/12) * 1.6 \text{ oz. (1 packet)} = 4 \text{ oz per tree}$

To calculate the lower rate range with a 30 inch DBH tree:
 $(30/48) * 1.6 \text{ oz. (1 packet)} = 1 \text{ oz per tree}$

Calculation examples for multiple trees with a DBH greater than 15 inches:

To calculate the higher rate range for multiple trees, add the DBH of the trees together and divide by rate to be applied.

Example of multiple trees using similar rate of 12 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x).
 $(60/12) * 1.6 \text{ oz. (1 packet)} = 8 \text{ oz for all three trees.}$

To calculate the lower rate range for multiple trees, add the DBH of the trees together and divide by rate to be applied.

Example of multiple trees using similar rate of 48 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x).
 $(60/48) * 1.6 \text{ oz. (1 packet)} = 2 \text{ oz for all three trees.}$

Soil Injection: GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base of the tree trunk no more than 6 to 12 inches out from the base.

Mix required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

Soil Drench: Uniformly apply the dosage in no less than 10 gallons of water per 1000 square feet as a drench around the base of the tree, directed to the root zone. Remove plastic or any other barrier that will stop solution from reaching the root zone.

For Control of Specified Borers: Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

RESTRICTION:

No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.

Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577