

6. Bark Banding Applications to Landscape Ornamental Plants

For systemic insect control on landscape trees and shrubs in commercial, industrial and residential areas, parks, athletic fields, and schools, when applied as a trunk spray.

Product Rate: 16 fl. oz. of Zylam Liquid Systemic Insecticide plus 1.0 fl. oz. of organosilicone surfactant. Add to 1.0 gallon of water. Do not apply more than 79 fl. oz. of Zylam Liquid Systemic Insecticide per acre per year.

When sprayed on the trunk, Zylam Liquid Systemic Insecticide will be absorbed through the bark and into the vascular system, and then transported throughout the tree. Speed of control will be dependent on tree size, three health, environmental conditions and how actively pests are feeding.

Spray bark on root flare (buttress roots) and on trunk between soil surface and 4 to 5 feet above the soil surface. Adjust nozzle to uniformly distribute spray over the entire circumference of the tree trunk and buttress roots. Wet bark just to the point of saturation and run off onto soil.

Apply with a low volume sprayer operated at 10 to 20 PSI to prevent tree damage, bounce back and drift.

For optimal control, apply to actively growing trees, and time application that Zylam Liquid Systemic Insecticide has had time to move to insect feeding sites at when target life stage is present.

Do not apply to wet bark, during rainfall or if rain is expected within 12 hours.

Control may be less effective in trees with thick bark, and at times when trees are not actively growing or transpiring.

One gallon of spray solution will treat approximately 36 to 40 inches of tree diameter when measured at 4.5 feet above the soil line (DBH). Spray solution on tree trunk between soil surface and 4 to 5 feet above the soil surface. Do not make more than one application per year.

Ornamental plants including but not limited to:

Shrubs, Ornamental Trees, Non-Bearing Fruit Trees, Non-Bearing Nut Trees

Pests

Adelgids including Hemlock Woolly
 Aphids
 Flatheaded Borers including Alder, Bronze Birch, Emerald Ash, Flatheaded
 Appletree, Two-Lined Chestnut
 Lacebugs
 Leafbeetles
 Leafhoppers
 Leafminers
 Mealybugs
 Pine Tip Moth (Larvae)
 Psyllids
 Roundheaded Borers (excluding Asian Longhorned)
 Scales including Calico
 Thrips (suppression)
 Whiteflies including Ficus

7. Foliar Applications to Landscape Ornamental Plants

For insect control on landscape ornamental plants in commercial, industrial and residential areas, parks, athletic fields, and schools.

Product Rate: 8 fl. oz. to 16 fl. oz. per 100 gallons. Apply in sufficient water to ensure thorough coverage of target area. Use a minimum of 1 gallon of finished spray per 1000 sq. ft. Do not apply more than a total of 39.0 fl. oz. of Zylam Liquid Systemic Insecticide per acre per season as foliar sprays. Start treatment prior to buildup of high pest populations. Foliar Spray: 100 gal. of spray mix will treat 20,000 sq. ft. of area.

Ornamental plants including:

Shrubs, Ornamentals, Flowering Plants, Foliage Plants, Groundcovers, Evergreens, Ornamental Trees, Non-Bearing Fruit Trees, Non-Bearing Nut Trees, Non-Bearing Vines

Pests:

Adelgids including Hemlock Woolly, Balsam Woolly
 Aphids (suppression)
 Japanese beetles (adults)
 Lacebugs including Azalea, Cotoneaster, Hawthorne, Rhododendron
 Leaf beetles including Viburnum
 Leafhoppers including Glassy Winged Sharpshooter, Potato
 Leafminers including Serpentine
 Mealybugs including Citrus, Long-Tailed, Madeira, Obscure, Phormium,
 Pink Hibiscus
 Psyllids including Asian Citrus
 Root Weevils (adults) including Black Vine, Diaprepes
 Sawfly larvae
 Scale (Armored and Soft) including Cypotomeria, Cycad Aulacaspis, Elongate,
 Hemlock, Euonymus, Florida Red, Florida Wax, Tea
 Thrips including Chillii, Gynaikothrips uzeli, Western Flower (suppression)
 Whiteflies including Giant, Greenhouse, Silverleaf /
 Sweet potato (B and Q biotypes)

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage and disposal.

PESTICIDE STORAGE: Protect from direct sunlight. Store in cool, dark, and well-ventilated area. Keep container tightly closed. Store away from strong oxidizers.

PESTICIDE DISPOSAL: Pesticide wastes may be hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Then offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions, or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

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