

24(c) Special Local Need Labeling

New York State Department
of Environmental Conservation
Division of Materials Management
Pesticide Product Registration

NY-120020

Expiration Date: 12/31/2022

ZYLAM® LIQUID SYSTEMIC INSECTICIDE

EPA Reg. No. 2217-937

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NEW YORK

Bark Banding for Control of Hemlock Woolly Adelgid on Hemlocks Only

IMPORTANT NOTICE: This bulletin contains new or supplemental instructions for use of Zylam Liquid Systemic Insecticide which may not appear on container labels. Follow all applicable directions, restrictions, and precautions on the EPA-registered label. This labeling must be in the possession of the user at the time of pesticide application.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Bark Banding Applications to Landscape Ornamental Plants

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

Product Rate: Add 21.6 to 43.2 fl.oz. of Zylam® Liquid Systemic Insecticide [0.15 to 0.3 lb ai] plus 1.0 fl.oz. of 100% organosilicone surfactant to enough water to make 1 gallon of mixed solution. 1 gallon of mixed solution treats 65 to 85 inches of tree diameter when measuring diameter at breast height (DBH).

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, tree 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 when target life stage is present.

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

Ornamental plants including but not limited to:

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

Pests

Hemlock Woolly Adelgid

Restrictions:

- Do not apply to wet bark, during rainfall or if rain is expected within 12 hours.
- Do not apply more than 79 fl.oz. of Zylam Liquid Systemic Insecticide [0.54 lb ai] per acre per year.
- Do not make more than one application per year.

Trees and Shrubs: Bark Banding Rates for Landscape Ornamentals – To prepare less than 1 gal of mixed solution (based on 1 gallon of mixed solution covering 85 inches DBH).			
Trunk DBH	Low rate	Medium rate	High rate
1 inch DBH	0.25 fl.oz. Zylam Liquid Systemic Insecticide + 0.01 fl.oz. organosilicone surfactant + 1.24 fl.oz water	0.4 fl.oz. Zylam Liquid Systemic Insecticide + 0.01 fl.oz. organosilicone surfactant + 1.1 fl.oz water	0.51 fl.oz. Zylam Liquid Systemic Insecticide + 0.01 fl.oz. organosilicone surfactant + 0.99 fl.oz water
2 inch DBH	0.51 fl.oz. Zylam Liquid Systemic Insecticide + 0.02 fl.oz. organosilicone surfactant + 2.48 fl.oz. water	0.8 fl.oz. Zylam Liquid Systemic Insecticide + 0.02 fl.oz. organosilicone surfactant + 2.2 fl.oz. water	1.02 fl.oz. Zylam Liquid Systemic Insecticide + 0.02 fl.oz. organosilicone surfactant + 1.97 fl.oz. water
4 inch DBH	1.02 fl.oz. Zylam Liquid Systemic Insecticide + 0.05 fl.oz. organosilicone surfactant + 4.96 fl.oz. water	1.5 fl.oz. Zylam Liquid Systemic Insecticide + 0.05 fl.oz. organosilicone surfactant + 4.5 fl.oz. water	2.03 fl.oz. Zylam Liquid Systemic Insecticide + 0.05 fl.oz. organosilicone surfactant + 3.94 fl.oz. water
6 inch DBH	1.52 fl.oz. Zylam Liquid Systemic Insecticide + 0.07 fl.oz. organosilicone surfactant + 7.4 fl.oz. water	2.3 fl.oz. Zylam Liquid Systemic Insecticide+ 0.07 fl.oz. organosilicone surfactant + 6.7 fl.oz. water	3.05 fl.oz. Zylam Liquid Systemic Insecticide + 0.07 fl.oz. organosilicone surfactant + 5.92 fl.oz. water
8 inch DBH	2.03 fl.oz. Zylam Liquid Systemic Insecticide + 0.09 fl.oz. organosilicone surfactant + 9.9 fl.oz. water	3.0 fl.oz. Zylam Liquid Systemic Insecticide + 0.09 fl.oz. organosilicone surfactant + 8.9 fl.oz. water	4.07 fl.oz. Zylam Liquid Systemic Insecticide + 0.09 fl.oz. organosilicone surfactant + 7.89 fl.oz. water
10 inch DBH	2.54 fl.oz. Zylam Liquid Systemic Insecticide + 0.12 fl.oz. organosilicone surfactant + 12.4 fl.oz. water	3.8 fl.oz. Zylam Liquid Systemic Insecticide + 0.12 fl.oz. organosilicone surfactant + 11.1 fl.oz. water	5.08 fl.oz. Zylam Liquid Systemic Insecticide + 0.12 fl.oz. organosilicone surfactant + 9.86 fl.oz. water
12 inch DBH	3.05 fl.oz. Zylam Liquid Systemic Insecticide + 0.14 fl.oz. organosilicone surfactant + 14.9 fl.oz. water	4.6 fl.oz. Zylam Liquid Systemic Insecticide + 0.14 fl.oz. organosilicone surfactant + 13.4 fl.oz. water	6.10 fl.oz. Zylam Liquid Systemic Insecticide + 0.14 fl.oz. organosilicone surfactant + 11.8 fl.oz. water
20 inch DBH	5.08 fl.oz. Zylam Liquid Systemic Insecticide + 0.24 fl.oz. organosilicone surfactant + 24.8 fl.oz. water	7.6 fl.oz. Zylam Liquid Systemic Insecticide + 0.24 fl.oz. organosilicone surfactant + 22.3 fl.oz. water	10.16 fl.oz. Zylam Liquid Systemic Insecticide + 0.24 fl.oz. organosilicone surfactant + 19.7 fl.oz. water
40 inch DBH	10.16 fl.oz. Zylam Liquid Systemic Insecticide + 0.47 fl.oz. organosilicone surfactant + 49.6 fl.oz. water	15.2 fl.oz. Zylam Liquid Systemic Insecticide + 0.47 fl.oz. organosilicone surfactant + 44.5 fl.oz. water	20.33 fl.oz. Zylam Liquid Systemic Insecticide + 0.47 fl.oz. organosilicone surfactant + 39.4 fl.oz. water
50 inch DBH	12.71 fl.oz. Zylam Liquid Systemic Insecticide + 0.59 fl.oz. organosilicone surfactant + 62.0 fl.oz. water	19.0 fl.oz. Zylam Liquid Systemic Insecticide + 0.59 fl.oz. organosilicone surfactant + 55.6 fl.oz. water	25.41 fl.oz. Zylam Liquid Systemic Insecticide + 0.59 fl.oz. organosilicone surfactant + 49.3 fl.oz. water
85 inch DBH	21.6 fl.oz. Zylam Liquid Systemic Insecticide + 1.0 fl.oz. organosilicone surfactant + 105.4 fl.oz. water	32.3 fl.oz. Zylam Liquid Systemic Insecticide + 1.0 fl.oz. organosilicone surfactant + 94.6 fl.oz. water	43.2 fl.oz. Zylam Liquid Systemic Insecticide + 1.0 fl.oz. organosilicone surfactant + 83.8 fl.oz. water

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Document Control Information

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