

October 28, 2021

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

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF NEW YORK
TRANSTECT 70 WSP INSECTICIDE

Basal Trunk Spray for Control of Hemlock Woolly Adelgid and Elongate Hemlock Scale on Hemlocks, Emerald Ash Borer on Ash and Spotted Lanternfly on Tree of Heaven

EPA SLN No. NY-170007

EPA Reg. No. 59639-170-74779

This label for Transtect 70 WSP Insecticide expires and must not be distributed or used in accordance with this SLN registration after December 31, 2027.

Active Ingredient:

Dinotefuran, (RS)-1-methyl-2-nitro-3-(tetrahydro-3-furylmethyl)guanidine..... 70%
Other Ingredients 30%
Total:100%

DIRECTIONS FOR USE

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

CROP	PEST	APPLICATION RATE FOR BASAL TRUNK SPRAY
EASTERN HEMLOCK (Tsuga Canadensis)	Hemlock Woolly Adelgid (Adelges tsugae)	Use 6 (0.6 oz) packets (3.6 oz) of Transtect 70WSP per gallon of water.
CAROLINA HEMLOCK (Tsuga caroliniana)	Elongate Hemlock Scale (Fionnia externa)	Depending on bark type and thickness, 1 gal of spray solution will typically cover 65-85 inches of trunk diameter (1.5 – 2.0 fl oz/ inch of trunk diameter).
ASH TREES (Fraxinus spp.)	Emerald Ash Borer (Agrilus planipennis)	Use 6 – 12 (0.6 oz) packets (3.6 – 7.2 oz) of Transtect 70WSP per gallon of water.
Tree-of-Heaven (Ailanthus altissima)	Spotted Lantern Fly (Lycorma delicatula)	Depending on bark type and thickness, 1 gal of spray solution will typically cover 65-85 inches of trunk diameter (1.5 – 2.0 fl oz/ inch of trunk diameter).

When sprayed on the trunk, Transtect 70WSP will be absorbed through the bark and into the vascular system, and then transported throughout the tree. Speed of control will depend on tree size, tree health, environmental conditions and how actively pests are feeding. In actively transpiring trees, control may be evident within 1 – 4 weeks after application. For optimal control, apply to actively growing trees and time application so that Transtect 70 WSP has had time to move to insect feeding sites when target life stage is present.

APPLICATION INSTRUCTIONS:

- Apply when trees are actively growing and transporting water.
- Apply with a low volume sprayer operated at 10 to 20 PSI to prevent tree damage, bounce back and drift.

- 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. Do not allow runoff onto the soil.
- Do not apply directly to the soil.
- Do not directly apply to any plant species other than Eastern hemlock, Carolina hemlock, Ash, or Tree of heaven.
- Do not apply to rain saturated bark, during rainfall, or if significant rainfall is expected within 24 hours after application.
- Do not make more than 1 application per tree per year.
- Do not apply more than 0.77 lbs (0.54 lbs ai) per acre of per year.

GENERAL INFORMATION

Transtect 70 WSP may be used as a basal trunk spray to hemlock, ash and tree of heaven trees growing in outdoor landscapes (commercial, industrial, recreational and residential), parks, schools, cemeteries, airport grounds, military grounds, golf courses, woodlots, athletic fields, forests (National, Private and State) and other wooded areas.

APPLICATION EQUIPMENT

Transtect 70WSP may be applied using many different types of low pressure sprayers. Before applying, start with a clean, well maintained sprayer. Apply a sufficient amount of water to ensure good coverage to the entire circumference of the lower 5 feet of the tree trunk. To reduce drift, use a spray nozzle that produces medium-sized droplets.

MIXING INSTRUCTIONS

Mixing Instructions: Fill a clean spray tank to 2/3 of desired level with clean water. Add required amount of Transtect 70WSP per gallon of spray solution. A surfactant may be added to the spray solution to improve surface wetting and bark penetration. When using a surfactant, follow all label directions and precautions on the surfactant product label. Fill spray tank to desired level with clean water. Continue agitation until all spray solution has been applied. Prepare no more spray mixture than is required for immediate spray application.

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.

FIFRA §24(c) registrant: Rainbow Treecare Scientific Advancements
11571 K-Tel Drive
Minnetonka, MN 55343