



TRAVELLA™ 20 SG: FOR CONTROL OF TOUGH LANDSCAPE PESTS

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OVERVIEW

Travella™ 20 SG is an insecticide containing the active ingredient dinotefuran which controls problematic turf and ornamental insects such as mole crickets, white grubs, and leaf feeding beetles. It is a valuable tool in the management of invasive pests such as Hemlock woolly adelgid, emerald ash borer, and spotted lanternfly. Formulated as a soluble granule, Travella works through contact, translaminar, and systemic activity to provide long-lasting residual control. Travella is primarily used on trees, shrubs, and ornamental landscapes.



FIGURE 1. Spotted lantern fly on school wall building. Photo credit: R. Golembiewski, Atticus

HOW DOES TRAVELLA 20 SG WORK?

Dinotefuran is a neonicotinoid that disrupts the insect nervous system by binding to acetylcholine receptors. Normally acetylcholine would bind to these receptors to stimulate a muscle to contract and then be quickly broken down by acetylcholinesterase to stop the signal. Dinotefuran can't be broken down by acetylcholinesterase, which means that affected insects experience irreversible nerve stimulation that leads to their paralysis and death.

Dinotefuran is unique because of its high solubility and strong systemic activity, meaning it quickly enters the plant's vascular system and readily moves throughout the plant's tissues. Because it is so soluble, dinotefuran can be used as a foliar spray, soil drench, or basal trunk spray to provide control of pests, even on large woody plant material like mature trees. Drench applications can provide significant residual control for up to three months. The application flexibility, along with a broad spectrum of efficacy has led to dinotefuran becoming an important management tool in the fight against invasive species.

ORNAMENTAL PLANTS/TREES USE RATES

APPLICATION METHOD 	Foliar Spray	Basal Trunk Spray (Trees & Large Shrubs)	Soil Drench	Soil Injection
APPLICATION RATE 	8-16 oz/A (0.5-1 tsp/gal for small areas)	12-24 oz/gal of water	<ul style="list-style-type: none"> • 1-2.1 oz/10 ft of height • 1-4 pt of drench solution per foot of shrub height or inch of tree trunk diameter 	<ul style="list-style-type: none"> • Trees Less Than 24" DBH 1.05-4.2 oz/10" of trunk DBH • Trees 24" DBH or Greater 2.1-4.2 oz/10" of trunk DBH

POLLINATOR SAFETY

When applying Travella 20 SG, it is important to follow all label instructions to minimize the risk of exposure to bees and other pollinators. As best practices, do not make applications while bees are actively foraging and do not apply to plants that are flowering.



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