

Product Bulletin



Valent U.S.A. Corporation
1333 N. California Blvd.
Walnut Creek, CA 94596

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF COLORADO
ORTHENE® Turf, Tree & Ornamental WSP
 (Water Soluble Packet Formulation)
 Soil Injection for Control of Aphids and Spider Mites
 EPA Reg. No. 59639-26
 EPA SLN No. CO-980003
 Rev. 2

DIRECTIONS FOR USE

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

TREES AND SHRUBS: Alder, American Elm, Aspen, Ash, Birch, Boxwood, Crape Myrtle, Dogwood, Euonymus, Hackberry, Hawthorn, Honeylocust, Honeysuckle, Linden, Maple, Oak, River Birch, Roses, Snowball Viburnum, Spirea, Spruce, and Willow.

APPLICATION METHOD	PESTS CONTROLLED	AMOUNT ORTHENE® TURF, TREE & ORNAMENTAL WSP	REMARKS
SOIL INJECTION Apply the specified amount of <i>Orthene</i> Turf, Tree & Ornamental WSP as a soil injection.	Aphids Spider mites Ash Sawfly	1/8 - 1/4 oz per inch diameter of trunk at breast height (DBH) or 1/8 - 1/4 oz. per 100 sq ft of area under the dripline of the tree or shrub	A minimum of two (2) injection sites per inch Diameter at Breast Height (DBH) is required. For multi-stemmed trees and shrubs, use diameter of individual canes at soil line instead of DBH. Apply one (1) quart of diluted solution per injection site. Injection sites should be evenly distributed between base of trunk and dripline of canopy. (Exceptions to this use are listed under "Use Precautions"). Make a minimum of four (4) injections per 25 sq ft of area under the dripline of the tree or shrub, using a grid pattern. Apply at least six (6) oz of dilute solution per injection site. Do not apply more than 6-2/3 lbs of product per acre (2.45 oz of product per 1,000 sq ft of area under the dripline of the tree or shrub) per application.

USE PRECAUTIONS: Use injection equipment that can be accurately calibrated. Injections must reach a minimum depth of six (6) inches. For optimal uptake, irrigate the treated area after injecting to promote absorption into the root system. Do not apply more than once per month. Application to dry soil may decrease performance. Performance will be optimized by thorough and uniform application to the treated root system. Do not apply to areas where food crops are grown (i.e., vegetable gardens, fruit trees, berry vines, etc.), children's play areas, or animal runs.

**Orthene Turf, Tree & Ornamental WSP
Soil Injection for Control of Aphids and Spider Mites**

SUPPLEMENTAL DIRECTIONS FOR USE

Trunk Diameter Application Method

Rate of ORTHENE TT&O WSP	Mixing Directions
To apply 1/8 oz per inch DBH: Note: Use two injection sites per inch DBH, with one quart solution per injection site.	Mix three, 1/3 lb water soluble packets of <i>Orthene</i> TT&O WSP + 256 qts water to treat 128 inches of trunk diameter.
To apply 1/4 oz per inch DBH: Note: Use two injection sites per inch DBH, with one quart solution per injection site.	Mix three, 1/3 lb water soluble packets <i>Orthene</i> TT&O WSP + 128 qts water to treat 64 inches of trunk diameter.

-or-

Under Dripline Application Method

Rate of ORTHENE TT&O WSP	Mixing Directions
To apply 1/8 oz per 100 sq ft under dripline: Note: Injections to be made in a grid pattern throughout the area under the dripline spaced 2.5 feet apart. Apply 6 oz diluted solution per injection site.	Mix one, 1/3 lb water soluble packet of <i>Orthene</i> TT&O WSP + 32 gals water to treat 4266 sq ft Mix three, 1/3 lb water soluble packets of <i>Orthene</i> TT&O WSP + 96 gals water to treat 12,798 sq ft
To apply 1/4 oz per 100 sq ft under dripline: Note: Injections to be made in a grid pattern throughout the area under the dripline spaced 2.5 feet apart. Apply 6 oz diluted solution per injection site.	Mix one, 1/3 lb water soluble packet of <i>Orthene</i> TT&O WSP + 16 gals water to treat 2,132 sq ft Mix three, 1/3 lb water soluble packets of <i>Orthene</i> TT&O WSP + 48 gals water to treat 6,399 sq ft

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: Valent U.S.A. Corporation
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