



Orthene
TURF, TREE & ORNAMENTAL SPRAY 97

Active Ingredient: Acephate 97.4%

Orthene® Turf, Tree & Ornamental 97 Spray

contains the active ingredient acephate, which is used to protect trees, turf, and ornamentals from a variety of insect pests.

FEATURING

- ✓ IRAC Group 1-B insecticide
- ✓ **MODE OF ACTION:** Acephate, an organophosphate insecticide, works by inhibiting acetylcholinesterase and ultimately paralyzing insect nervous systems

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Application Sites

Ornamental trees and shrubs, field-and container-grown nursery stock, greenhouse (commercial only) and outdoor ornamental plants, golf course and sod farm turfgrass, cut flower production, and outdoor and perimeter spray application.

ITEM NO.	UNIT SIZE	CASE SIZE
12602	0.773 lb. can	12 per case
12603	7.773 lb. bag	4 per case
12649	50 lb. drum	50 lb. drum

EPA Reg. No. 5481-8978



Contact your authorized AMGUARD Environmental Technologies distributor or visit amguardtech.com/product/orthene-ornamental-97





The application rates listed in the following table will provide excellent control of the respective pests under typical conditions.

ORNAMENTAL TREES AND SHRUBS

APPLICATION SITE	PESTS	APPLICATION RATE PER 100GAL
Trees and Shrubs (except Flowering Crabapple)	Aphid Bagworm Birch Leafminer Lace Bug Leafroller Tent Caterpillar* California Oakworm Cankerworm (Spring and Fall)	1/4 to 1/2 lb. (4 to 8 oz.)
	Douglas Fir Tussock Moth Larvae Gypsy Moth Larvae* Webworms Scales (Crawlers) Ponderosa Pine Needle Miner Grasshopper	1/2 lb. (8 oz.)
	Nantucket Pine Tip Moth Larvae Root Weevil Adults Box Elder Bug Budworm Leafhopper Sawflies	3/4 lb. (12 oz.)
	Japanese Beetle Elm Leaf Beetle (larvae)	1 lb. (16 oz.)
Douglas Fir	Douglas Fir Needle Midge Douglas Fir Tussock Moth	1/2 lb. (8 oz.) (1/2 lb./A)
Flowering Crabapples	Aphid Leafroller Tent Caterpillar	1/4 lb. (4 oz.)

*Not for Use in California

GOLF COURSE TURFGRASS

APPLICATION SITE	PESTS	APPLICATION RATE PER 1000 SQ FT
Golf Course Greens, Tees, Fairways, and Roughs	Greenbug (<i>Schizaphis graminun</i>) Grasshopper	0.4 oz. (1.0 lb./A)
	Sod Webworm	0.4 to 0.8 oz. (1 to 2 lbs./A)
	Cutworm Fall Armyworm Yellow Striped Armyworm Southern Armyworm	0.4 to 0.9 oz. (1 to 2 1/2 lbs./A)
	Leafhopper	0.8 oz. (2 lbs./A)
	Mole Cricket* Spittlebug*	0.8 to 1.4 oz. (2 to 3.9 lbs./A)
	Chinch Bug	0.9 to 1.5 oz. (2 1/2 to 4 lbs./A)
	Black Turfgrass Ataenius*	1.1 to 1.5 oz. (3 to 4 lbs./A)

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