



# OHP Landscape Solutions®

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Technical Service  
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Controlling pests in the landscape is a challenging task. Problems in the landscape range from turf diseases to insect and mite problems on ornamental plants around houses and buildings. This brochure focuses on the available products from OHP, and rotational strategies. These are all important factors for the LCO or turf manager to use in controlling landscape pests.

## Insects

### Landscape Insect and Mite Management

The main insect and mite pests of landscape plantings are aphids, caterpillars (leaf-feeding worms), thrips, leafminers and two-spotted spider mites.

OHP Landscape Product	Chemical Class	MOA Group	Target Pest	Residual Control	Application Rates	
					Per 100 gallons	Per one gallon
<b>Azatin® 0</b>	Biological IGR	UN	Aphids, fungus gnats, leafminers, thrips, caterpillars	5 to 7 days	4 to 16 fl oz	¼ to 1 tsp (1.2 to 5 mL)
<b>Decathlon® 20 WP</b>	Pyrethroid	3	Aphids, thrips, leafhoppers, bagworms, caterpillars, cutworms, whiteflies, and other insects	3 to 5 days	1.3 to 1.9 oz	½ to ¼ tsp (36 to 54 g)
<b>Floramite®</b>	Carbazate	UN	Spider mites	21 to 28 days	4 to 8 fl oz	¼ to ½ tsp (1.2 to 2.5 mL)
<b>Fulcrum®</b>	Pyridine IGR	7C	Aphids, fungus gnats, leafminers, mealybugs, scales, shore flies and whiteflies	14 to 28 days	2 to 12 fl oz	⅛ to ¾ tsp (.6 to 3.6 mL)
<b>Sirocco®</b>	Carbazates + Glycosides	UN + 6	Insects and mites including thrips	14 days	3 to 6 fl oz	⅓ to ⅝ tsp (.9 to 1.8 mL)
<b>Shuttle® 0</b>	Napthoquinone derivative	20B	Spider mites	21 days	6.4 to 12.8 fl oz	⅜ to ¾ tsp (1.8 to 3.6 mL)
<b>Triact® 70</b>	Oil	NC	Powdery mildew, leafspots and more	14 days	½ to 2 gals	¾ to 7½ to 15 tsp

More information on the products listed can be found on the OHP website at [ohp.com](http://ohp.com), or from your OHP regional sales manager.

# Diseases

## Landscape Disease Management

The most serious disease problems are *Pythium* and *Phytophthora* root rots.

OHP Landscape Product	OMRI or organic	MOA Group	Target Pest	Residual Control	Application Rates	
					Per 100 gallons	Per one gallon
<b>Areca®</b>		33	Pythium and phytophthora root rots	14 days	1.25, 2.5 to 5 lbs	1¼, 2½ to 5 tsp
<b>OHP 6672® 50 WP</b>		1	Anthracnose, dollarspot, brown patch, snowmolds, summer patch, fusarium blight, stripe smut	7 days	2 to 6 oz per 1000 square feet	NA
<b>OHP 6672® 4.5 F</b>		1	Anthracnose, dollarspot, brown patch, snowmolds, summer patch, fusarium blight, stripe smut	7 days	2 to 5½ fl oz per 1000 square feet	NA
<b>Terraclor® 400</b>		14	Rhizoctonia, sclerotinia, pellicularia	28 days	6 to 12 fl oz	¾ to ¾ tsp
<b>Triact® 70</b>	✓	NC	Powdery mildew, leafspots and more	14 days	½ to 2 gals	¾ to 7½ to 15 tsp
<b>Triathlon® BA</b>	✓	44	Anthracnose, brown patch, powdery mildew, pythium	14 days	1 to 4 fl oz per 1000 square feet	1 to 1½ tsp (4.8 mL to 57 mL)

More information on the products listed can be found on the OHP website at [ohp.com](http://ohp.com), or from your OHP regional sales manager.

# Weeds

## Landscape Weed Management

**Biathlon** is a pre-emergent granular herbicide for control of weeds in field and grounds maintenance, and other label specified non-crop areas. **Biathlon** contains the active ingredients oxyfluorfen and proflumicafone formulated on the Verge® granule. The engineered granule provides an unprecedented level of dust reduction resulting in improved worker safety and ease of application. **Biathlon** applicators are required to wear minimal Personal Protective Equipment (PPE) – long sleeved shirt, pants and socks plus shoes. **Biathlon** has a CAUTION signal word. **Biathlon** provides control of a wide range of problem grasses and broadleaf weeds by creating a barrier in the soil and is active for several months. **Biathlon** works by inhibiting cell division and disrupting cell wall formation in shoots and roots of emerging seedling weeds. Users should irrigate new plantings before **Biathlon** application with ½" water to ensure firm soil or media around the root system. **Biathlon** should be applied when rain is soon forecasted or watered-in with approximately ½" of water. **Biathlon** should be broadcast evenly over media for maximum performance. To prevent weed escapes, do not disturb the soil or media in **Biathlon** treated areas; this will disrupt the barrier necessary for successful weed control.

**Casoron 4G** is a broad spectrum herbicide that is effective on many hard to control grasses and broadleaf weeds. **Casoron 4G** may be applied around established woody ornamentals in the landscape. It may also be applied for general weed control under asphalt used for driveways, parking lots and recreational areas.

OHP Landscape Product	Chemical Class	MOA Group	Target Pest	Residual Control	Application Rates	
					Lbs per acre	Per 1000 sq ft
<b>Biathlon®</b>	Diphenylether + Dinitroaniline	14 + 3	Grasses and broadleaf weeds	3 to 4 months	100 lbs	2½ lbs
<b>Casoron® 4G</b>	Benzonitrile	20	Grasses and broadleaf weeds	9 to 10 months	100 to 150 lbs	2½ to 3¼ lbs

More information on the products listed can be found on the OHP website at [ohp.com](http://ohp.com), or from your OHP regional sales manager.

## Product Information

**Azatin® O** - for control of a broad range of insects on ornamentals growing in outdoor residential or commercial landscapes and interiorscapes.

**Decathlon® 20 WP** - for commercial use only for broad-spectrum control of crawling and flying insect pests on ornamentals in outdoor landscaped areas such as parks, recreational areas, athletic fields, institutional grounds, etc., and interior plantscapes (such as in hotels, shopping malls, office buildings, etc.) where the plants are grown.

**Floramite® SC** - a selective miticide for the control of a variety of mite pests on all ornamental plants, including bedding plants, flowering plants, foliage plants, bulb crops, perennials, trees and shrubs in the landscape.

**Fulcrum®** - for control of insects on shrubs, ornamentals, flowering plants, foliage plants, ground covers, ornamental trees, and non-bearing fruit, nut trees and vines.

**Sirocco®** - provides quick knockdown and long residual control of a wide variety of mite pests on all ornamental plants, including bedding plants, flowering plants, foliage plants, bulb crops, perennials and trees and shrubs grown and/or maintained in containers or in the ground in landscapes and interiorscapes.

**Shuttle® O** - controls susceptible mite infestations on ornamental plants growing in interiorscapes, residential and commercial landscapes, and recreation areas and areas surrounding schools. Not for indoor residential use.

**Triact® 70** - for indoor/outdoor use on ornamental flowering plants, trees, shrubs, foliage, vegetables, and fruit grown in interiorscapes and landscapes.

**Areca®** - controls disease on ornamentals and bedding plants grown in the landscape.

**OHP 6672® 4.5 F** - provides broad spectrum disease control on woody, flowering, herbaceous, and tropical foliage ornamental plants and trees in containers and landscapes and also on turfgrass, such as golf course greens, tees and fairways, athletic fields, cemeteries, parks, and commercial and home lawns.

**OHP 6672® 50 WP** - provides broad spectrum disease control on woody, flowering, herbaceous, and tropical foliage ornamental plants and trees in containers, interiorscapes, landscapes and also on turfgrass, such as golf course greens, tees and fairways, athletic fields, cemeteries, parks, and commercial and home lawns.

**Terraclor® 400** - controls Rhizoctonia and other tough root rots. Use on landscape ornamentals except residential, schools, playgrounds, and athletic fields.

**Triathlon® BA** - a broad-spectrum preventative biofungicide for control of a wide variety of fungal and bacterial diseases on ornamental, fruits, vegetables and turf.

**Biathlon®** - pre-emergence control of weeds in grounds maintenance and other specified non-crop areas.

**Casoron® 4G** - controls annual and perennial weeds in outdoor non-crop areas such as but not limited to: around buildings and structures, around fences, industrial areas, and recreational areas.