



Professional Protection for High-Value Woody Ornamentals

What is OnyxPro®?

OnyxPro provides proven protection against some of the industry's most destructive bark beetle and wood-boring insect pests. Labeled for use on ornamental trees and Christmas trees, OnyxPro delivers preventative and curative activity against bark beetles, engraver beetles, ambrosia beetles, clearwing borers, flatheaded borers, bronze birch borer and other trunk-infesting pests. Its long-lasting residual activity helps protect valuable trees before infestation occurs and supports effective management programs in nursery, landscape and arboriculture settings.

For professionals facing persistent pest pressure, OnyxPro offers proven performance on a wide range of labeled use sites while helping maintain plant quality and aesthetic value.

How Does OnyxPro Work?

OnyxPro contains 23.4% bifenthrin, a pyrethroid insecticide that affects the insect nervous system through contact and ingestion. Bifenthrin disrupts normal sodium channel function, causing uncontrolled nerve activity, paralysis and eventual death of susceptible insects.

When rapid suppression of damaging pest populations is required, OnyxPro provides the quick knockdown and residual activity necessary to regain control and protect high value ornamentals.

While systemic products can provide extended residual activity, damaging bark beetle and borer populations often require immediate intervention. OnyxPro delivers rapid contact activity and dependable residual control to help protect valuable woody ornamentals from injury, making it an effective tool within comprehensive tree and shrub pest management programs.

Restricted Use Pesticide

IRAC Code: 3A

REI: 12 hr

Product Attributes:

- Superior control for bark beetles and boring insects with extended residual protection.
- Broad spectrum activity providing fast control
- Rapid knockdown of damaging insect pests.
- Helps quickly reduce pest pressure during outbreaks.
- Proven performance trusted by professional growers and arborists for decades.

Effective against a wide range of greenhouse and nursery pests, including:

- Aphids and Adelgids
- Beetle larvae and adults
- Caterpillars, including bagworms
- Grasshoppers
- Leaf-feeding insects
- Sawflies
- Scale crawlers
- Thrips
- Weevils, including Diaprepes
- Whiteflies

Use Sites: Nursery ornamentals, field-grown and container-grown ornamentals, Christmas trees, interiorscapes, residential and commercial landscapes, lawns, golf courses, sod farms, non-bearing fruit and nut trees, parks, recreational areas and athletic fields.

Personal Protective Equipment (PPE): Long-sleeved shirt, long pants, shoes plus socks, and chemical-resistant gloves as specified on the product label

Application guidelines

The application rates listed in the following table will provide control of the respective pests under typical conditions. However, at the discretion of the applicator, OnyxPro[®] insecticide may be applied at up to 14.4 fl oz/100 gallons to control each of the pest listed in this Table.

Pest	Rate For Preventive Control	Spray Volume	Specific Instructions
<i>Dendroctonus</i> bark beetles such as mountain pine beetle, southern pine beetle, western pine beetle and black turpentine beetle.	16-32 fl oz per 100 gallons (0.25 – 0.5 lb ai per 100 gallons)	1-4 gallons of finished spray per tree	Make applications to the trunk of the tree with a hydraulic sprayer in the early spring or prior to adult beetle flight and tree infestation. Apply spray directly to the main trunk from the base of the tree to at least half way into the live crown. Spray until the bark is thoroughly wetted by the spray.
<i>Engraver beetles</i> (<i>Ips</i> spp.)	16-32 fl oz per 100 gallons (0.25 – 0.5 lb ai per 100 gallons)	10-14 gallons of finished spray per tree	Make applications of a spray mixture to the trunk, scaffolding and limbs of the tree with a hydraulic sprayer and/or backpack sprayer in the early spring or prior to adult beetle flight and tree infestation. Spray until the bark is thoroughly wetted by the spray.
<i>Other bark beetles</i> such as ambrosia beetles, elm bark beetles and metallic wood borers such as emerald ash borer	16-32 fl oz per 100 gallons (0.25 – 0.5 lb ai per 100 gallons)	2-6 gallons of finished spray per tree	Make applications of a spray mixture to the trunk, scaffolding and limbs of the tree with a hydraulic sprayer and/or backpack sprayer in the early spring or prior to adult beetle flight and tree infestation. Spray until the bark is thoroughly wetted by the spray.
<i>Clearwing moth borers</i> such as ash borer, banded ash clearwing, dogwood borer, lesser peachtree borer, lilac borer, oak borer, peachtree borer, rhododendron borer	6.4 to 12.8 fl oz. per 100 gallons (0.1 – 0.2 lb ai per 100 gallons)	1-4 gallons of finished spray per tree	Apply to the branches and trunks prior to adult emergence. Spray until the bark is thoroughly wetted by the spray. For maximum residual control, use highest recommended rate.
<i>Coleopteran borers</i> such as bronze birch borer, flatheaded apple tree borer	6.4 to 12.8 fl oz. per 100 gallons (0.1 – 0.2 lb ai per 100 gallons)	1-4 gallons of finished spray per tree	Apply to the branches and trunks prior to adult emergence. Spray until the bark is thoroughly wetted by the spray. For maximum residual control, use highest recommended rate.



OnyxPro effectively controls many borers. Left: Granulate ambrosia beetle frass tubes; Middle: Flatheaded apple borer; Right: Peachtree borer (Photo courtesy of Bugwood.org).