

MECTINITE™

Injected insecticide for two year control of listed insect and mite pests in deciduous, coniferous, and palm trees

Application Method:
Tree Injection

Active Ingredient:
Emamectin Benzoate 4%

EPA Signal Word:
CAUTION



Situations For Use:

• Preventive And Remedial Treatments Of Insect Pests On Urban Trees

Labeled Pests Include:

- Emerald Ash Borer
- Winter Moth
- Clearwing Borer
- Bagworm
- Fall Webworm
- Japanese Beetle
- Mimosa Webworm
- Leafminers
- Pine Needle Scale
- Red Palm Mite
- Cynipid Gall Wasp
- Tent Caterpillars
- Many More - see label



877.272.6747

www.treecarescience.com

Product Overview

Mectinite is the next generation of emamectin benzoate for tree care. Mectinite is used for the preventive and remedial control of listed insect pests on palm, conifer, and hardwood trees.

- Mectinite is a soluble liquid concentrate formulation, which allows for faster uptake at the time of application.
- Mectinite is a **Non-Restricted Use** Pesticide emamectin benzoate formulation labeled for tree care.



Mode of Action/How the Product Works

Mectinite is applied directly into the tree's vascular system through tree injection into the root flares. It is active against immature and adult stages of arthropods (See label for listed pests). The primary route of toxicity is through ingestion.

Application Method

Mectinite is designed for use with refillable tree injection devices that meet the label and dose requirements, such as:

- The iQ Tree Infuser
- The Q-Connect
- The Q Gun



Application Timing

Tree injection treatments are best performed during the growing season when the tree is in full-leaf. For optimal results, time treatments 2-3 weeks prior to historic pest emergence. Preventive treatments may be applied up to 6 months prior to pest pressure.

How Long Does Mectinite Last?

Mectinite will actively control pests for up to two years.

How Much Mectinite Do I Need?

Mectinite's dosage rates are a logarithmic scale where the dose increases as the tree's diameter increases. Please refer to the product label for specific dosage information.

Product	Item #	Unit Size	Case Size
Mectinite	1125	1 quart (946ml)	4 quarts

Mectinite Use Chart

[Refer to label for specific dosage information]

Pest Problem	Host Tree	Timing	Application Device
Ambrosia Beetles	Numerous host species	Spring/Summer	iQ Tree Infuser or Q-connect
Aphids	Numerous	Growing season	iQ Tree Infuser or Q-connect
Bag Worm	Honeylocust	Early spring or late summer	Q-connect
Clearwing Borers	Ash, Sequoia, many others	Spring and Summer depending on species	iQ Tree Infuser or Q-connect
Cynipid Gall Wasp	Black Oak (Cape Cod)	Spring	iQ Tree Infuser or Q-connect
Flat Headed Borers Bronze Birch, Two lined, EAB, Golden Oak Borer	Birch, Oaks, Ash	Growing season	iQ Tree Infuser or Q-connect
Gypsy Moth	Oak and many others	Early spring or late summer with EB	iQ Tree Infuser
Japanese Beetle	Birch, Maple, Linden	Growing season	iQ Tree Infuser or Q-connect
Mimosa Webworm	Honeylocust	Early summer	iQ Tree Infuser or Q-connect
Pine Wilt Nematode	Austrian and Scots Pine	March/April	Reference Label
Honeylocust	Ash, Honeylocust	Growing season	iQ Tree Infuser or Q-connect
Pine Needle Scale	Pine	Growing season	iQ Tree Infuser or Q-connect
Tent Caterpillars	Many deciduous hosts	Early Spring or late summer with EB	iQ Tree Infuser or Q-connect
Winter Moth	Numerous host species	Early Spring or late summer with EB	iQ Tree Infuser or Q-connect

For more information or questions contact the Solution Center 1-877-272-6747
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