

ArborSystems™ Direct-Inject™ Chemical

For Systemic Insect Control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas and interior landscapes (such as those in domestic landscape/garden areas, public display plantings, recreation areas, highway and other transportation rights-of-way, scenic corridors, storage areas, forest areas, campgrounds and other uncultivated, nonagricultural areas).

For Use By Professional Arborists/Applicators, Grounds Maintenance Professionals, City Foresters, Electric Utility Foresters/Contractors and Landscapers.

To be used only with the ArborSystems™ Direct-Inject™ Tree Injection Systems.

ACTIVE INGREDIENT:

Imidacloprid (CAS No. 138261-41-3) 5%

OTHER INGREDIENTS 95%

Total: 100%

Container Size	Net Contents	AI/Container
30 ml bottle	1 fl oz (30 ml)	1.5 grams
120 ml bottle	4 fl oz (120 ml)	6 grams
1000 ml pack	1 qt 2 fl oz (1000 ml)	50 grams

EPA Reg. No. 69117-1 EPA Est. 69117-NE-1

Keep Out of Reach of Children

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

WARNING: Harmful if swallowed, inhaled or absorbed through skin. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear safety glasses. Thoroughly wash with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

FIRST AID

If Swallowed: Immediately call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.

If Inhaled: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

If on Skin or Clothing: Take off contaminated clothing. Immediately rinse skin with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

ENVIRONMENTAL HAZARDS

This product is highly toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming plants or weeds. Do not apply this product to blooming plants or weeds if bees are visiting the treatment area.

DIRECTIONS FOR USE

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

GENERAL INFORMATION

Do Not Inject Food Bearing Plants.

ARBORSYSTEMS DIRECT-INJECT™ TREE INJECTION SYSTEMS

The ArborSystems Direct-Inject™ Tree Injection Systems are easy to use. Most trees are treated in as little as five minutes or less, allowing applicators to treat trees quickly. There is no need to wait for absorption (translocation). Chemical is injected into the cambial area of the tree (the active vascular system) and held inside by the self-sealing WedgeCheks™. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased. Use in sunny or overcast conditions, rainy or dry, at any time of day. As no drilling or implants are required, you can treat trees year after year, with no threat of long-term or permanent damage to the tree. These systems minimize wounding and promote long-term tree vigor.

INDICATIONS

As a preventative, apply in the early spring prior to insect activity in the tree. As a curative, apply as needed spring through fall, provided the bark is pliable enough to accept the chemical injections. One application provides control for two years.

PEST CONTROLLED

- Adelgids (including Hemlock Woolly Adelgids)
- Aphids
- Armored Scales (suppression)
- Asiatic Garden Beetles
- Bark Beetles (including Asian Longhorned Beetle, Citrus Longhorned Beetle and IPS)
- Black Vine Weevil Larvae
- Chafers
- Elm Leaf Beetles
- Eucalyptus Longhorned Borer
- Flatheaded Borers (including Alder-Birch Borer, Bronze Birch Borer and Emerald Ash Borer)
- Japanese Beetles
- Japanese Beetle Larvae
- Lacebugs
- Leafhoppers
- Leafminers
- Mealybugs
- Oriental Beetles
- Pine Bark Beetles
- Pine Tip Moth Larvae
- Psyllids
- Royal Palm Bugs
- Sawfly Larvae
- Soft Scale Insects
- Thrips (suppression)
- Whiteflies

DOSAGE

1 ml per 4" to 6" of trunk circumference measured within 12" of the ground.

Dosage may be increased to 2 ml per injection site for trees with diameters over 12" or with challenging insect infestations (such as Asian Longhorn Beetle, Citrus Borers, Emerald Ash Borer or Hemlock Woolly Adelgids).

Note: Depending on type of bark, the dosage per injection site may have to be reduced to 0.5 to 1 ml per site and the number of injection sites doubled.

9. Continue making injections moving around the tree until the entire tree trunk has been treated.

10. During use, periodically clean the Direct-Inject™ Unit to prevent clogging.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store above 65°F in a cool, dry place and in such a manner as to prevent cross contamination with fertilizers, food, feed and other pesticides. Store in original container out of reach of children, preferably in a locked storage area.

Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Bottles: Triple rinse (or equivalent) then offer for recycling or reconditioning; or puncture and dispose of in a sanitary landfill; or by incineration; or if allowed by local authorities, by burning; if burned stay out of smoke. Chemical Packs: Return the used 1 qt. 2 fl. oz. (1000 ml) chemical pack to ArborSystems, in the provided pre-paid mailer, for disposal. If not returned, completely empty bag into application equipment, then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning (if burned, stay out of smoke).

NOTICE OF WARRANTY

ArborSystems warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Use protective eyewear and gloves when handling ArborSystems' Direct-Inject™ chemicals. Use chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or viton.

HOW TO USE ARBORSYSTEMS DIRECT-INJECT™ CHEMICALS WITH ARBORSYSTEMS™ DIRECT-INJECT™ UNITS

1. Use only ArborSystems' Direct-Inject™ chemicals with your Unit as they have been formulated specifically for the Direct-Inject™ systems. Use of other chemicals will invalidate warranty.
2. Attach the chemical bottle or pack to the Direct-Inject™ Unit and prepare the Unit to make injections.
3. Set the delivery volume on the Unit.
4. Follow the label directions to determine the amount of chemical and number of injection sites.
5. Determine where to make injections in the bark. Generally, the Injection Tip is inserted into the fissure (valley) of the tree bark. Inject thin-barked trees in the thicker part of the tree bark. Thick-barked trees require a longer Injection Tip.
6. Make injections working around the circumference of the tree. Make Wedgle injections within 12" of the ground.
7. With a smooth motion, firmly squeeze the Injection Unit trigger or handles. This releases a pre-measured chemical dose to the tree.
8. Slowly withdraw the Injection Tip. The Wedgle™ WedgeChek plugs the hole, keeping the chemical in the tree.



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www.ArborSystems.com

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Wedgle™ Tip is protected by U.S. Patent #5,239,773

WedgeChek™ is protected by U.S. Patent #5,797,215