GREYHOUND™ Insecticide
An ArborSystems® Direct-Inject™ Chemical
- Easy • No Drilling • Saves Time and Money

For systemic insect control in a wide variety of ornamental trees in utility rights-of-way, urban environments, residential areas, and interior plantings (such as those in domestic landscape/garden areas, public display plantings, recreation areas, highways and other transportation rights-of-way, scenic corridors, storage areas, forested areas, cemeteries and other uncultivated, nonagricultural areas).

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Weevil (Pine Nematodes).

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING: May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Prolonged or frequent repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors. FIRST AID: If swallowed: Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with fingers. Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting or give anything by mouth to an unconscious person.

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.

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 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.

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

NOTES TO PHYSICIAN: Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observations should continue for at least several days until the clinical condition is stable and normal. Sancobabemeth is believed to enhance GA6 activity in animals, it is probably wise to avoid drugs that enhance GA6 activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

PERSONAL PROTECTIVE EQUIPMENT (PPE)
Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category 6 on an EPA chemical resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants; chemical-resistant gloves, such as barrier laminate or butyl rubber > 14 mils; shoes plus socks; protective eyewear. Follow manufacturer's instructions for cleaning and maintaining PPE. If such instructions for washables are given, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS
Users should thoroughly wash with soap and water after handling and before eating, drinking or using tobacco. Remove contaminated clothing and wash clothing before reuse.

ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and wildlife. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsates. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops. Apply only as a post-bloom application.

NOTICE
This product contains a chemical (N-methyl pyrrolidone) known to the state of California to cause birth defects or other reproductive harm.

PHYSICAL OR CHEMICAL HAZARDS
Do not use or store near heat or open flames.

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.

Portier® and Wedge® registered trademarks of ArborSystems.

ArborSystems™, Greyhound™ Insecticide, Direct-Inject™ and WedgeCheck™ are trademarks of ArborSystems.

Direct Inject™ unit is protected by U.S. Patent 5,001,418
Wedge® Tip is protected by U.S. Patent 5,239,773
WedgeCheck™ is protected by U.S. Patent 5,747,215
Portier® Tip is protected by U.S. Patent 7,178,286
GREYHOUND™ Insecticide

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers.

GENERAL INFORMATION
Do not inject food bearing plants (including non-bearing growth stages).

ARBORSYSTEMSTM DIRECT-INJECT™ TREE INJECTION SYSTEM
The ArborSystems Direct-Inject Tree Injection System is easy to use. Most trees can be treated in as little as five minutes or less, allowing applicators to treat trees quickly. There is no need to wait for absorption (translocation). Chemicals are injected into the cambial area (the active vascular system) of the tree. Because the chemicals are 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, this system minimizes wounding and promotes long-term tree vigor.

INDICATIONS
As a preventative, apply in the early spring post-bloom 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. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants once or twice times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

INDICATIONS
Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Will (Pine Nematodes).

DOSEAGE
Pine Will (Pine Nematodes): 4-6 ml every 4" of trunk circumference measured within 12" of the ground.
Other Insects: 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.

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.

HOW TO USE ARBORSYSTEMS DIRECT-INJECT CHEMICALS WITH ARBORSYSTEMS DIRECT-INJECT TREE INJECTION SYSTEM
1. Use only ArborSystems Direct-Inject chemicals with your unit as they have been formulated specifically for the Direct-Inject system. Use of other chemicals will invalidate warranty.
2. Attach the chemical 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 in this booklet 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 Wedge Tip injections within 12" of the ground. Porte Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handle. This releases a pre-measured chemical dose into the tree.

8. Continue making injections moving around the tree until the entire tree trunk has been treated.
9. 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 in original container in a cool, dry place.

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: Completely empty pack into application equipment, then dispose of empty pack in a sanitary landfill or if allowed by State and local authorities, by burning; if burned, stay out of smoke.
GREYHOUND™ Insecticide

An ArboSystems™ Direct-Inject™ Chemical
For systemic insect control in a wide variety of ornamental
trees in utility rights-of-way, city environments,
residential areas and interior landscapes.
For the treatment of woody trees and shrubs for the
collection of T/Lm leaf blisters, Late Blight, Leaf Miners,
Mites and Powd NR (Pine Needle Moth).
For use by professional arborists/applicators, foresters,
grounds maintenance professionals and landscapers.

ACTIVE INGREDIENT
Abamectin (CAS Nos. 65105-56-4 and 65105-55-3) 25%

OTHER INGREDIENTS
Total: 100%

Contains 0.0047 pound Abamectin per 4 fl oz (120 ml) pack.

DIRECTIONS FOR USE

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

The ArboSystems Direct-Inject™ units are designed to be used only with ArboSystems’
pre-packed chemicals. Tampering with packs or contents may cause non-warranted damage to
your injection system.

STORAGE AND DISPOSAL

Do not contaminate water, food, or soil by storage or disposal. Pesticide Storage: Store in original
container in a cool, dry place. Pesticide Disposal: Wastes resulting from the use of this product
may be washed off with an in-place or on-applied waste disposal facility. Container Disposal:
Completely empty pack into application equipment, then dispose of in a sanitary landfill or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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GREYHOUND™ Insecticide
in ArborSystems® Direct-Inject® Chemical

GREYHOUND™ Insecticide
or systemic insecticide in a wide variety of ornamental trees, in utility
plats-of-way, urban environments, residential areas, and interior plantations,
or the treatment of weedy trees and shrubs for the control of Elm Leaf
 caterpillars, Larva Dog, Leaf Miner, Mites, and Pine Wit (Pino Restocked).

ACTIVE INGREDIENTS:
Aframex® CS (CAS No. 6395-56-4 and 6395-55-3) ................. 2%
OTHER INGREDIENTS ............................................ 98%
Content of the label of Aframex CS Total is: 100%
or 4 fl oz (120 ml) pack.

Keep Out of Reach of Children
WARNING/AHSD
Swallowing may result in vomiting. Because there is no specific source on a
revised label, it is not applicable. If you do not understand the label, contact
the manufacturer for additional precautionary statements on the label.

DIRECTIONS FOR USE
as a Directed Federal law to use this product in a manner consistent with
the labeling.
The ArborSystems Direct-Inject units are designed to be used only with
ArborSystems® pre-packed chemicals. Turpentine or other oils or
substances may cause unwanted damage to your injection system.

STORAGE AND DISPOSAL
not contaminate water, food or feed by storage or disposal. Pesticide Storage:
Store in original container in a cool, dry place. Pesticide Disposal: When the
labels of this product or its container are not used or at an approved
state disposal facility. Container Disposal: Completely empty pack into
suitable equipment, then discard of empty pack in a sanitary landfill or
by burning. If burned, dry out of smoke.

US Container: 4 fl oz (120 ml)
PA Reg: B08.689-17-2
R08.689-17-2N-1
W08.689-17-2N-1
H08.689-17-2N-1

ArborSystems
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P.O. Box 34645 • Oshkosh, WI 54907-3465
**WARNING/Aviso**

Keep out of reach of children.

Do not use near pets or livestock. See the directions for use on the label for complete directions for use.

**DIRECTIONS FOR USE**

In a rare case of Federal law to use this product in a manner inconsistent with the labeling.

Do not apply this product to areas where non-target species may be exposed to it.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. Pesticide storage must be in an approved tank or in a cistern. Store pesticides away from non-target species. Non-target species may be exposed to it.

The ArborSystems Direct-Inject System is designed to be used only with ArborSystems' pre-packed chemicals. Tampering with chemicals or containers may cause damage to your injection system.
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• Easy • No Drilling • Saves Time and Money

For systemic insect control in a wide variety of ornamental trees in utility-right-of-way, urban environments, residential areas, and interior planters (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 the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Laca Borer Gnats, Maple Bug, Mixes and Pine Whip (Pine Nematodes).

For use by professional arborists/applicants, foresters, grounds maintenance professionals and landscapers.

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

ACTIVE INGREDIENTS:
Abamectin (CAS Nos. 63500-70-6 and 63500-72-8) 2%
OTHER INGREDIENTS: 98%
Total: 100%

Contains 0.392 pound Abamectin per 1 qt 2 oz (100 ml) pack.

How to Use ArborSystems Direct-Inject™ Chemicals with ArborSystems Direct-Inject™ Tree Injection System
1. Use only ArborSystems Direct-Inject™ chemicals with your unit as they have been formulated specifically for the Direct-Inject™ system. Use of other chemicals will invalidate warranty.
2. Attach the chemical pack to the Direct-Inject™ unit and prop the unit to make injections.
3. Set the delivery volume on the unit.
4. Follow the label directions on this label 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. Insect-thinned trees in the thicker part of the tree bark. Thinned trees require a longer injection tip.
6. Make injection points around the circumference of the tree. Make Wedge® Tip injections within 12” of the ground. Portell® tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handle. This releases a pre-measured chemical dose into the tree.
8. Continue making injections moving around the tree up until the entire tree trunk has been treated.
9. During use, periodically clean the Direct-Inject™ unit to prevent clogging.

Environmentally Hazardous
This pesticide is toxic to fish. Do not apply directly to water. Do not apply in a manner or at a rate that will directly contact water. Use of this product may be subject to local laws and regulations.

Precautionary Statements
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
WARNING: May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes. Harmful if absorbed through the skin or inhaled. Avoid contact with skin or clothing. Exposure to this material may cause allergic skin reactions in some individuals. Avoid breathing vapors.

FIRST AID
If Swallowed: Immediately give one or two glasses of water and induce vomiting by gently touching back of the throat with finger. Immediately call a poison control center or doctor for treatment advice. Do not induce vomiting or give anything by mouth to an unconscious person.

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.

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

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

Notes to Physician: Early signs of intoxication include mydriasis (dilated pupils), ataxia (unsteadiness) and muscle tremors. Toxicity following accidental ingestion of this product can be minimized by inducing vomiting within one-half hour of exposure. If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parenteral fluid replacement therapy should be given along with other required supportive measures (such as maintenance of blood pressure levels) as indicated by clinical signs, symptoms and measurements. In severe cases, observation should continue for at least several days until the clinical condition is stable and normal. Since abaricine is believed to enhance GABA activity in animals, it is probably wise to use in sunny or overcast conditions, rainy or dry, at any time of day. As no drilling or implants are required this system minimizes wounding and promotes long-term tree vigor.

INDICATIONS
As a preventative, apply in the early spring post-bloom 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. Pest control is anticipated to last a typical growing season, although it may be recommended to inject the plants one or two times per year or more often under severe and repeated pest pressure.

This product has been evaluated for phytotoxicity on a wide range of ornamental plants. However, since all ornamental plants have not been tested, it is recommended that one plant be treated first to make certain that no phytotoxicity occurs. Do not use on sick plants or plants weakened by extreme environmental conditions such as heat, flooding, cold, etc.

STORAGE AND DISPANY
Do not contaminate water, food, or disposal System Store in original container in a cool, dry area.

Pesticide Storage:
Wash from the use of this product on a disposable or on any disposal facility. Container Disposal Completely empty pack into app. If the container must be disposed of by local authorities, by burning, it out of smoke.