



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 13, 2019

Kim Davis
Consultant/Agent
ArborSystems™, Inc. d/b/a ArborSystems™
c/o RegWest Company, LLC
8203 West 20th Street, Suite A
Greeley, CO 80634-4696

Subject: Notification per PRN 98-10 – revise/consolidate label
Product Name: Greyhound™ Insecticide
EPA Registration Number: 69117-2
Application Date: 29-Aug-2017
Decision Number: 533143

Dear Ms. Davis:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance. If you have any questions, you may contact please contact Dee Colby at 703-347-8657 or by email at colby.deanna@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "D Colby for".

Gene Benbow, Product Manager 07
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)
Office of Pesticide Programs

NOTIFICATION

69117-2

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

69117-2 Reference Label: Page 1 of 13
10/24/2013 EPA SAL + 08/29/2017 Notification + 03/12/2019 Revisions
XXXXX = additions; XXXXX = deletions

(03/13/2019)

GREYHOUND™ Insecticide

{120 ml and 1000 ml Pack Affixed Booklet (GH-BK) – Front Panel}

GREYHOUND™ Insecticide
An ArborSystems™ Direct-Inject™ Chemical

For systemic insect control in ornamental trees and ornamental palm plants in utility rights-of-way, urban environments, residential areas and interior landscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.

Active Ingredient:

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3)	2%
Other Ingredients	98%
Total	100%

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

Net Contents: 4 fl. oz. (120 ml)

EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

Keep Out of Reach of Children
WARNING
See inside for First Aid, additional Precautionary Statements and complete Directions for Use.

{120 ml and 1000 ml Pack Affixed Booklet (GH-BK)}

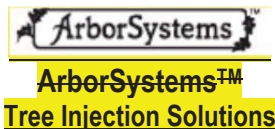
GREYHOUND™ Insecticide
An ArborSystems™ Direct-Inject™ Chemical

For systemic insect control in ornamental trees and ornamental palm plants 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 the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.

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

To be used only with the ArborSystems™ Direct-Inject™ Tree Injection System
Easy • No Drilling • Saves Time and Money



The No-Drill Injection Solution
800-698-4641 • Fax: 402-339-5011
P.O. Box 34645 • Omaha, NE 68134

Net Contents: 4 fl. oz. (120 ml)
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

First Aid

If Swallowed	<ul style="list-style-type: none">• Immediately call a poison control center or doctor for treatment advice.• Do not give any liquid to the person.• 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 in Eyes	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 dilation of pupils, muscular incoordination and muscular tremors. Toxicity following accidental ingestion of this product can be minimized by early administration of chemical absorbents (e.g. activated charcoal). 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 and proper respiratory functionality) 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. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.	

{Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.}

PRECAUTIONARY STATEMENTS

Hazards to Humans & Domestic Animals

WARNING: May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Harmful if inhaled or absorbed through the skin. Avoid contact with skin. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors. **Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.**

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 B 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 \geq 14 mils;
- Socks plus shoes;
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Immediately remove contaminated clothing if pesticide gets inside, then wash thoroughly and put on clean clothing.

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 rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Apply only post bloom.

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 flame.

DIRECTIONS FOR USE

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

Intended for use by professional arborists/applicators, foresters, grounds maintenance professionals and landscapers

Product Information

Do Not Inject Food Bearing Plants (including non-bearing growth stages).

ArborSystems Direct-Inject Tree Injection System

The ArborSystems Direct-Inject Tree Injection System is a no-drill trunk injection method. Chemical is injected into the cambial area (the active vascular system) of the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased. 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. The Direct-Inject system minimizes wounding and promotes long-term tree health and vigor.

The Direct-Inject system is 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). Use in sunny or overcast conditions, rainy or dry, at any time of day.

Indications and Treatment Timing

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. Due to toxicity to bees, apply only after the tree has finished blooming for the growing season. Pest control is anticipated to last a typical growing season, although it may be necessary to make two applications per year under severe 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	Dosage
Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.	<p>Pine Wilt: 4-6 ml every 4" of trunk circumference measured within 12" of the ground.</p> <p>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.</p> <p>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.</p>

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 Wedgle® Tip injections within 12" of the ground. Portle® Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. 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:** Non-refillable container; do not refill or reuse this container. Completely empty pack into application equipment, then offer for recycling, if available; or dispose of empty pack in a sanitary landfill; or by incineration if allowed by State and local authorities.

[Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.]

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. To the extent consistent with applicable law, ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.



ArborSystems™

Tree Injection Solutions

The No-Drill Injection Solution

800-698-4641 • Fax: (402) 339-5011

P.O. Box 34645 • Omaha, NE 68134

Portle® and Wedgle® are registered trademarks of ArborSystems™
ArborSystems™, Greyhound™ Insecticide, Direct Inject™ and WedgeChek™ are trademarks of ArborSystems
Direct-Inject™ unit is protected by U.S. Patent #5,901,498
Wedgle® Tip is protected by U.S. Patent #5,239,773
WedgeChek™ is protected by U.S. Patent #5,797,215
Portle® Tip is protected by U.S. Patent #7,178,286

[] Denotes alternate/optional language
{ } Denotes language that does not appear on the market labeling
{120 ml Cylinder label (GH PL)}

GREYHOUND™ Insecticide

An ArborSystems™ Direct-Inject™ Chemical
For systemic insect control in ornamental trees and ornamental palm plants in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wil (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies

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

Active Ingredient:

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) 2%
Other Ingredients 98%
Total 100%
Contains 0.047 pound Abamectin per 4 fl oz (120 ml) pack.

Keep Out of Reach of Children
WARNING
See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

Net Contents 4 fl oz (120 ml)
EPA Reg. No. 69117-2
EPA Est. 69117-NE-1



Tree Injection Solutions
800-698-4641 • Fax: 402-339-5011
P.O. Box 34645 • Omaha, NE 68134

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
The ArborSystems Direct-Inject units are designed to be used only with ArborSystems 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 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:** Non-refillable container; do not refill or reuse this container. Completely empty pack into application equipment, then offer for recycling, if available; or dispose of empty pack in a sanitary landfill; or by incineration if allowed by State and local authorities.

{Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.}

{120 ml (GH PXL) and 1000 ml (GH 1MS) Pack Outer Box Label}

GREYHOUND™ Insecticide
An ArborSystems™ Direct-Inject™ Chemical

For systemic insect control in ornamental trees and ornamental palm plants in utility rights-of-way, urban environments, residential areas and interior plantscapes.

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.

Active Ingredient:

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) 2%

Other Ingredients 98%

Total 100%

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

Contains 0.392 pound Abamectin per 1 qt. 2 fl oz (1000 ml) pack

Keep Out of Reach of Children

WARNING

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

DIRECTIONS FOR USE

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

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems 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 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:** Non-refillable container; do not refill or reuse this container. Completely empty pack into application equipment, then offer for recycling, if available; or dispose of empty pack in a sanitary landfill; or by incineration if allowed by State and local authorities.

{Batch Code/Lot Number will appear either on the label or the container per PR Notice 2007-4.}

Net Contents 4 fl. oz. (120 ml)

[Net Contents: 1 qt 2 fl oz (1000 ml)]

EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1



ArborSystems™

Tree Injection Solutions

The No-Drill Injection Solution

800-698-4641 • Fax: 402-339-5011

P.O. Box 34645 • Omaha, NE 68134

[] Denotes alternate/optional language

{ } Denotes language that does not appear on the market labeling

{120 ml and 1000 ml Collapsible Pouch Label (GH-TAG)}

GREYHOUND™ Insecticide
2% Abamectin
Keep Out of Reach of Children
WARNING
Refer to booklet for full labeling
Net Contents 4 fl. oz. (120 ml)
[Net Contents: 1 qt 2 fl oz (1000 ml)]
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1
ArborSystems • P.O. Box 34645 • Omaha, NE 68134

[] Denotes alternate/optional language
{ } Denotes language that does not appear on the market labeling

{1000 ml Pack Box Label}

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

For systemic insect control in ornamental trees and ornamental palm plants 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 the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.

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

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

Active Ingredient:

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3)	2%
Other Ingredients	98%
Total	100%

Contains 0.392 pound Abamectin per 1 qt 2 fl oz (1000 ml) pack.

Net Contents: 1 qt 2 fl oz (1000 ml)
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

Keep Out of Reach of Children
WARNING
See back [and side] panel[s] for First Aid, additional Precautionary Statements
and complete Directions for Use.

ArborSystems™
The No-Drill Injection Solution
800-698-4641 • Fax: 402-339-5011
P.O. Box 34645 • Omaha, NE 68134

First Aid

If Swallowed	<ul style="list-style-type: none"> • Immediately call a poison control center or doctor for treatment advice. • Do not give any liquid to the person. • 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 in Eyes	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none"> • 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 dilation of pupils, muscular incoordination and muscular tremors. Toxicity following accidental ingestion of this product can be minimized by early administration of chemical absorbents (e.g. activated charcoal). 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 and proper respiratory functionality) 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. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.

(Note: The First Aid statements' grid format will be used if market label space permits; otherwise a paragraph format will be used.)

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 or on clothing. Harmful if inhaled or absorbed through the skin. Avoid contact with skin. Prolonged or frequently repeated exposure may cause allergic skin reactions in some individuals. Avoid breathing vapors. Thoroughly wash with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove and wash contaminated clothing before reuse.

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 B 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 \geq 14 mils;
- Socks plus shoes;
- Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product. Do not reuse them. Follow manufacturer's instructions for cleaning/ maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Immediately remove contaminated clothing if pesticide gets inside; then wash thoroughly and put on clean clothing.

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 rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Apply only post bloom.

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 flame.

DIRECTIONS FOR USE

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

Product Information

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

ArborSystems™ Direct-Inject™ Tree Injection System

The ArborSystems Direct-Inject Tree Injection System is a no-drill trunk injection method. Chemical is injected into the cambial area (the active vascular system) of the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased. 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. The Direct-Inject system minimizes wounding and promotes long-term tree health and vigor.

The Direct-Inject system is 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). Use in sunny or overcast conditions, rainy or dry, at any time of day.

Indications and Treatment Timing

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. Due to toxicity to bees, apply only after the tree has finished blooming for the growing season. Pest control is anticipated to last a typical growing season, although it may be necessary to make two applications per year under severe 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	Dosage
Indicated for the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf	Pine Wilt: 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

Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.	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.
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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 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. 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®-Tip injections within 12" of the ground. Portle®-Tip injection height varies depending on type of tree and location.
7. With a smooth motion, firmly squeeze the injection unit handles. 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:** Non-refillable container; do not refill or reuse this container. Completely empty pack into application equipment, then offer for recycling, if available; or dispose of empty pack in a sanitary landfill; or by incineration if allowed by State and local authorities.

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. To the extent consistent with applicable law, ArborSystems does not make or authorize any agent or representative to make any other warranty, guarantee or representation, express or implied, concerning this product.

ArborSystems™

The No-Drill Injection Solution

800-698-4641 • Fax: 402-339-5011

P.O. Box 34645 Omaha, NE 68134

Portle® and Wedgle® are registered trademarks of ArborSystems

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

Direct-Inject™ unit is protected by U.S. Patent #5,901,498

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

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

Portle®-Tip is protected by U.S. Patent #7,178,286

[] Denotes alternate/optional language

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(1000 ml Pack Outer Box Label)

GREYHOUND™ Insecticide
An ArborSystems™ Direct-Inject™ Chemical

For systemic insect control in ornamental trees and ornamental palm plants in utility rights-of-way, urban environments, residential areas and interior plantscapes

For the treatment of woody trees and shrubs for the control of Elm Leaf Beetles, Lace Bugs, Leaf Miners, Mites and Pine Wilt (Pine Nematodes) and for the suppression of Aphids, Thrips and Whiteflies.

Active Ingredient:

Abamectin (CAS Nos. 65195-56-4 and 65195-55-3) 2%

Other Ingredients 98%

Total 100%

Contains 0.392 pound Abamectin per 1 qt 2 fl. oz. (1000 ml) pack.

Keep Out of Reach of Children

WARNING

See booklet for First Aid, additional Precautionary Statements and complete Directions for Use.

DIRECTIONS FOR USE

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

The ArborSystems Direct-Inject units are designed to be used only with ArborSystems' 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 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:** Non-refillable container; do not refill or reuse this container. Completely empty pack into application equipment, then offer for recycling, if available; or dispose of empty pack in a sanitary landfill; or by incineration if allowed by State and local authorities.

Net Contents 1 qt 2 fl. oz. (1000 ml)

EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1

ArborSystems™

The No-Drill Injection Solution

800-698-4641 • Fax: 402-339-5011

P.O. Box 34645 • Omaha, NE 68134

(-) Denotes alternate/optional language

(-) Denotes language that does not appear on the market labeling

{1000 ml Collapsible Pouch Label}

GREYHOUND™ Insecticide
2% Abamectin
Keep Out of Reach of Children
WARNING
Refer to box for full labeling
Net Contents 1 qt. 2 fl. oz. (1000 ml)
EPA Reg. No. 69117-2 • EPA Est. 69117-NE-1
ArborSystems • P.O. Box 34645 • Omaha, NE 68134

{ } Denotes alternate/optional language

{ } Denotes language that does not appear on the market labeling

{Additional Selling/Marketing Copy for use in conjunction with promotional pieces: brochures; on the website; and in other promotional materials, displays, etc.}

ArborSystems™ Direct-Inject™ Tree Injection System

The ArborSystems Direct-Inject Tree Injection System is effective. Chemicals are injected directly into the tree. Because the chemical is placed right where the tree can use it, effectiveness of the chemical is increased and control of most problems is reached in as little as three to five days. Also, because no chemical is lost in non-active wood, the Direct-Inject system allows you to use less chemical to achieve high levels of effectiveness; this saves money and reduces chemical waste. The Direct-Inject System requires no drilling, so chemicals are injected into a tree with minimal wounding. With no holes to drill, no air or pathogens are allowed to enter the tree, potential decay never starts and long term wounding is prevented. The tree's ability to move water and nutrients, and to store food, is not compromised.

Pre-mixed chemicals are supplied in self-sealing containers. After injections have been made, you have only one small container of which to dispose. Concerns you may have had when spraying will be eliminated. And with a closed system there is no mixing.

With no drilling required the ArborSystems Direct-Inject System:

- Minimizes wounding to keep out fungi, bacteria, and insects.
- Prevents air from getting into the tree. When air is allowed into a tree's vascular system, it cuts off the flow of water and nutrients.
- Allows multiple or annual treatments without damaging the tree.
- Requires no drills, power supply or other bulky equipment.

With this system and chemicals, tree care professionals effectively combat and manage many of the most devastating environmental plant threats.

The ArborSystems Direct-Inject System is designed to preserve and protect the natural and urban forest. Treat almost any tree in five minutes or less. The Direct-Inject System is among the most efficient chemical delivery systems available. You achieve control with less chemical because chemical is placed precisely where the tree can best use it. No chemical is lost in dead wood.

ArborSystems Direct-Inject chemicals are integral parts of the Direct-Inject Tree Injection System. Use only ArborSystems' Direct-Inject chemicals with the Direct-Inject Units. Using unauthorized chemicals with the ArborSystems Direct-Inject System constitutes a violation of Federal law.

Chemical Selection

Your distributor can advise you on the best chemical selections for trees in your area. See our website for additional information.

GREYHOUND™ Insecticide

Common name: Contains the same active ingredient found in Avid®

Chemical: Abamectin

Avid® is a registered trademark of Syngenta Crop Protection, Inc.