3" are permeable, particularly where the water table is shallow, may result in groundwater contamination.

• Gloves

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area.

**Agricultural Use Requirements**

Use this product only in accordance with the labeling and with the Worker Protection Standard (40 CFR part 190). This Standard contains requirements for the protection of agricultural farmworkers on farms, operators, owners, and operators, and handlers of agricultural pest. It contains requirements for training, decontamination, notification, and emergency response. Faithful compliance with the requirements of this Standard is the responsibility of the user.Document the date of application and the amount of product applied. Contain all materials including manures andobiological controls. Solution for pesticide contamination. For the proper use of this product on farms and other agricultural uses, follow the Worker Protection Standard. Always read and follow directions on the label before mixing and applying a pesticide. Mix and apply this product in accordance with the instructions on the label. If more than one product is to be mixed, be sure to follow all directions on each product label.

**Storage and Disposal**

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

- **Pesticide Storage**
  - Store this product in its original container in a cool, dry place. Keep bottles and containers closed.
  - Do not store near food, food products, or feed;

- **Container Disposal**
  - Nonrefillable container: Do not reuse or refill this container.
  - Specified empty container into equipment. Offer for recycling, or if available dispose of empty container in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, follow up.

**Non-agricultural Use Requirements**

The requirements in this box apply to use of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 190). The WPS applies when this product is used to protect agricultural plants on farms, homes, nurseries, or greenhouses.

- Keep children and pets out of treated area until:
- Do not apply more than a total of 0.53 oz (2.4 lb of active ingredient) per acre per year.

**Application Equipment for Use on Turfgrass**

Apply MERIT 75 WSP Insecticide in sufficient water to provide adequate distribution in the treated area. The use of accordingly calibrated equipment used for this application of turfgrass insecticides is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure system to eliminate orifices, etc., that are larger than the droplet. Check calibration periodically to ensure that equipment is working properly.

**Application Equipment for Turfgrass**

Use MERIT 75 WSP Insecticide in sufficient water to produce adequate distribution in the treated area. The use of calibrated equipment is required. Use equipment which will produce a uniform, coarse droplet spray, using a low pressure system to eliminate orifices, etc., that are larger than the droplet. Check calibration periodically to ensure that equipment is working properly.

**Environmental Hazards**

This product is highly toxic to aquatic invertebrates. Do not directly disperse to water. Do not apply drift or spray mist to vegetation during or after the bloom period.

- **DIRECTIONS FOR USE**
  - If it is a violation of Federal law to use this product in a manner inconsistent with its labeling.
  - Do not apply this product in a way that will contaminate water, soil, or other places or persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.

**Non-agricultural use restrictions**

This product is highly toxic to aquatic invertebrates. Do not directly disperse to water. Do not apply drift or spray mist to vegetation during or after the bloom period. This product is highly toxic to aquatic invertebrates. Do not apply this way that will contaminate water, soil, or other places or persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulations.
TURFGRASSES

<table>
<thead>
<tr>
<th>CRP</th>
<th>PEST</th>
<th>DOSAGE</th>
<th>USE</th>
<th>INDOOR</th>
<th>OUTDOOR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>MERIT 75 WSP Insecticide</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TREES & SHRUBS: SOIL APPLICATIONS

- 1 to 4 feet of trunk diameter at breast height (D.B.H.) or 14 to 28 feet of cumulative shrub height

Example equation: \[ \text{Total cumulative inches of D.B.H.} \div \text{cumulative trunk diameter rate to be applied} \times 1.6 \text{ oz} \]

TREES & SHRUBS: FOLIAR APPLICATION

- 1,6 oz (1 packet) per 240 to 480 gallons of water
- 1.6 oz (1 packet) per 300 gal of water

Examples of single tree calculations:

- For Control of Specified Borers:
  - Use 1.6 oz of MERIT 75 WSP Insecticide per 1.6 oz of cumulative trunk diameter or 1.6 oz of cumulative shrub height

FOLIAGE PLANTS

- 1.6 oz (1 packet) MERIT 75 WSP Insecticide per 240 to 480 gallons of cumulative trunk diameter or 24 to 48 feet of cumulative shrub height

Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

Restrictions:
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per growing season.
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.
- Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per growing season.

DISCLAIMER OF WARRANTIES:
TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MER -
For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and interior landscapes.

**ACTIVE INGREDIENT:**
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-1-nitro-2-imidazolidinimine ................75%

**OTHER INGREDIENTS:**
Mix product with the required amount of water and apply as desired.

**APPLICATION EQUIPMENT:**
MERIT 75 WSP Insecticide mixes readily with water and may be used in many types of equipment. Application equipment for use with this product must be in sufficient water to provide adequate distribution in the treated area. The use of accurately calibrated equipment normally used for the application of turfgrass insecticides is required. Use equipment which will produce a uniform, coarse dropletspray, using a low pressure system to eliminate overhead drift. Check calibration periodically to ensure equipment is working properly.

**APPLICATION TO DYNAMARIS:**
MERIT 75 WSP Insecticide is for use on ornamentals in commercial and residential landscapes and interior landscapes. MERIT 75 WSP Insecticide is a systemic product and will be translocated upward into the plant system from root uptake. To achieve optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb the active ingredient. The addition of a Rodrigo containing fertilizer, where applicable, into the solution may enhance this uptake of the active ingredient. Application guidelines for turf application or application equipment, including nozzles, injectors, and compression sprayers. Application equipment for other systems, including commercial properties, is recommended. When making applications to plants with sandy soils, gymnastics activity will be delayed and the active ingredient is translocated throughout the plant. In these cases, this transmission delay can take 60 days or longer. For more information and dilution requirements, refer to the application rate chart in the insecticide label.

**EMERGENCIES ONLY**
Call 24 Hours A Day 1-800-334-7577
INSECTICIDE
The requirements in this box apply to cases of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 190). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets off treated area until it is dry.

**STOP - Read the label before use.**
Keep out of reach of children.

**Hazardous to humans and domestic animals:**
Hazardous to humans, livestock, or both when used according to directions. Avoid eye contact and skin exposure. Avoid breathing dust or gas. Wash thoroughly with soap and water after handling. Avoid prolonged exposure to the product. Wash contaminated clothing and shoes before reuse. Keep children or pets of treated area until dry.

**Non-NPS USES:**
Any such instructions for uses not covered by the Worker Protection Standard (40 CFR part 190). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets off treated area until it is dry.

**APPLICATION TO TURFGRASS:**
MERIT 75 WSP Insecticide can be used for the control of soil inhabiting pests of turfgrass, Northern & Southern masked chafers, Chrysomelidae beetles, Anostomus orientalis, Aphodius spp., Ataenius spretulus, Tipula paludosa, and other related species. MERIT 75 WSP Insecticide has been found to be compatible with common used fungicides, miticides, liquid fertilizers, and other common used insecticides. Check compatibility using the correct proportion of products in a small jar test if local experience is unavailable. MERIT 75 WSP Insecticide has been found to be compatible with common used fungicides, miticides, liquid fertilizers, and other common used insecticides. Check physical compatibility using the correct proportion of products in a small jar test if local experience is unavailable.

**Agricultural Use Requirements:**
Use this product only in accordance with the labeling and the Worker Protection Standard (40 CFR part 190). This Standard contains requirements for the protection of agricultural farm workers, insecticides, nematodes, and greenhouseers, and handlers of agricultural pesticides. It contains requirements for training, documentation, notifiers, and emergency planning. Firms in some countries, regulations may exist on permissible use of agricultural pesticides (PFR) and restricted-entry insecticides. The requirements in this box only apply to cases of this product that are covered by the Worker Protection Standard. Do not enter or handle any restricted-entry treated areas until the restricted-entry interval (REI) has elapsed.

**Container Disposal:**
Non-NPS USES: Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling, or dispose of empty container in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, do not let flame come into contact with container.äge.

**Without Agricultural Use Requirements:**
The requirements in this box apply to cases of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 190). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. Keep children and pets off treated area until it is dry.
NOTE: When this document is printed at 99% actual size, this box is 5/8 x 1/2 inches in size. When this document is printed at 100% actual size, this box is 1/2 x 1/4 inches in size.

**MERIT® 75 WSP INSECTICIDE**

For fowl and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut tree, and interior landscapes.

**ACTIVE INGREDIENT:***

Imidacloprid: 1-[6-(3-Chloro-4-)

**OTHER INGREDIENTS:**

Keep water soluble packets in this container and store in a cool, dry place but not before freezing (32°F). Do not restrict products to containers except as directed for Insecticide Use.

**STORAGE AND DISPOSAL**

**RESTRICTION:**

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS) part 195. This Standard contains requirements for the protection of agricultural farm workers on farms, horticulture, nurseries, and greenhouse, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notifications, and entry restrictions. Pesticides contain specific instructions, restrictions, and exceptions pertaining to the statements on the label about personal protective equipment (PPE) and restricted entry instruc-

**ANTICIPATED EXPOSURE CONDITIONS**

Do not apply to water bodies or in water bodies that contain wildlife or wildlife habitats. Do not contaminate water, food, or feed by storage or disposal.

**PREDATORY INSECTS**

• Species of ground beetles, including the subfamily Carabinae,
• Spiders, including the genus Theridion,
• Ants, including the genus Formica,
• Spiders, including the genus Lycosa,
• Spiders, including the genus Araneidae,
• Spiders, including the genus Tetragnatha

**NONGOVERNMENTAL USE REQUIREMENTS**

This requirement in this box apply to cases of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 195). The WPS applies when this product is used to produce agriculture crops on farms, nurseries, or greenhouses.

**FIRST AID**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

• Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets of treated area away until dry.

**EPA Reg. No. 432-1318**

**AGRICULTURAL USE REQUIREMENTS**

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

**PESTICIDE DISPOSAL**

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

**PRECAUTIONARY STATEMENTS**

Caution if Group 4A insecticides are used repeatedly as the predominating method of control for targeted species.

**MERIT 75 WSP Insecticide** can also be used for the suppression of cutworms and chinchbugs.

**STORAGE AND DISPOSAL**

**PESCO DISPOSAL:**

• Wastes resulting from the use of this product may be disposed of on site and are not an approved waste disposal facility.

**USE OF THE PRODUCT THE INFORMATION CALL 1-800-334-7577. HAVE A PRODUCT CONTAINER OR LABEL WITH YOU WHEN CALL -

**APPLICATION TO TURFGRASS**

• MERIT 75 WSP Insecticide is effective in soil applications to soilborne pests. MERIT 75 WSP Insecticide can be used for the suppression of cutworms and chinchbugs.

**USER SAFETY RECOMMENDATIONS**

**ENGINEERING CONTROLS STATEMENT:**

When water bodies are used for water supplies, the use of approved pesticides in the aquatic environment is allowed for the control of aquatic weeds. In certain cases, this treatment may be necessary to prevent contamination of water supplies and to protect aquatic life. Adequate dilution of the active ingredient must be achieved when these conditions exist.

**APPLICATION TO WATERBODIES**

MERIT 75 WSP Insecticide is effective in soil applications to soilborne pests. MERIT 75 WSP Insecticide can be used for the suppression of cutworms and chinchbugs.

**APPLICATION TO POND WATER**

MERIT 75 WSP Insecticide can be used on ornamental and commercial, residential, and water bodies. MERIT 75 WSP Insecticide can be used in soil applications to soilborne pests. MERIT 75 WSP Insecticide may be used for the control of aquatic weeds. In certain cases, this treatment may be necessary to prevent contamination of water supplies and to protect aquatic life. Adequate dilution of the active ingredient must be achieved when these conditions exist.

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**APPLICATION TO POND WATER**

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For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and interior plantscapes.

ACTIVE INGREDIENT:
Indoxacarb, 1-[(8-Chloro-5-sulfamoylpyridin-2-yl)-2-[(4-chlorophenyl)carbonyl]amino]-pyridine ——75%

OTHER INGREDIENTS: ———%

Keep water soluble packets in this container and store in a cool dry place but not below freezing (32˚F). Do not Reed Pesticide Flies From Container Except For Refrigerate Use.

MERIT® 75 WSP Insecticide contains a Group 4A Insecticide. Insect biotypes with acquired or inherent resistance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species.

For MEDICAL AND TRANSPORTATION Emergencies Call 24 Hours A Day 1-800-344-7757

For PRODUCT USE Information Call 1-800-331-2867

NOTE: When this document is printed at 75% actual size, this size is 4 1/2 x 11" and is Non-Reflective Ink. When this document is printed at 100% actual size, this size is 11" x 17" and is Reflective Ink. Condensed.

STOP - Read the label before use. Keep out of reach of children.

CAUTION

PARA EL USUARIO: Si usted no le entiende lo que le hayan explicado completamente las instrucciones que deben seguirse deben consultar.

(The TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

For MEDICAL AND TRANSPORTATION Emergencies Call 24 Hours A Day 1-800-344-7757

For PRODUCT USE Information Call 1-800-331-2867

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Hazard: Flammable, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets out of treated area until dry.

NSPS USES: Applications and Other Handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR Parts 170) — in general, agricultural plant use is not a use that is covered by the WPS, as it falls under turf use categories. Turf is covered by the turf category of the WPS. (Turf is defined as areas that are maintained specifically for aesthetic purposes, comfort, and recreation or for other purposes other than agricultural purposes.)

Cars with seats are not aerated upw ard into the plant system from root uptake. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb it. When making applications to plants with woody stems, systemic activity will be delayed until the active ingredient is translocated throughout the plant. In some cases, this translocation delay can take 10 days or longer.

RESTRICTION: Outdoor applications cannot exceed a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

Act Management Programs

MERIT 75 WSP Insecticide contains a Group 4A Insecticide. Insect biotypes with acquired or inherent resistance to Group 4A Insecticides may eventually dominate the insect population if Group 4A Insecticides are used repeatedly as the predominant method of control for targeted species.

Resistance Management Recommendations

Some insects are known to develop resistance to insecticides after repeated use. As with any insecticide, the use of this product should conform to resistance management strategies established for the use area.

MERIT 75 WSP Insecticide contains a Group 4A Insecticide. Insect biotypes with acquired or inherent resistance to Group 4A Insecticides may eventually dominate the insect population if Group 4A Insecticides are used repeatedly as the predominant method of control for targeted species.

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard (40 CFR Part 170). This Standard contains requirements for the protection of agricultural farm workers on farms, forestors, nurserymen, and greenhouse, and handlers of agricultural pesticides. It contains requirements for training, documentation, notifications, and emergency planning. For complete specifications, restrictions, and exemptions pertaining to the statements in theWARN about national protection equipment (NPE) and restricted entry index use, the requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

CAUTION

WPS USES:

Personal Protective Equipment (PPE):

• Shoes plus socks

If the product is applied by drenching, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated, such as plants, soil, or water.

• Contaminated

• Chemical resistant gloves made of any waterproof material such as barrier laminated, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, nitrile-polyethylene, polyethylene (PPE) or cotton.

• Stop if exposure is not possible, follow the instructions for category B on EPA chemical resistance category chart selection.

• Shoes plus sox

• Pesticides used for agricultural use requirements should be compatible with commonly used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check compatibility with anything that has been treated.

• Shoes

• Gloves

• PPE required for early entry to treated areas that are permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water.

• Storage

Non-Agricultural Use Requirements

The requirements in this box only apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Storage and Disposal

Do not dispose of water, food, or feed by storage or disposal

Pesticide Storage: Store in cool, dry place and such measures are taken to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of reach of children, preferably in a locked storage area. Handle and Open container in a manner so as not to spill. If the container is leaking, invert to prevent leakage of contents to form a rain or other applicator. Any material of storage, containers and treated water is:

• Removable clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

• Call a poison control center or doctor immediately for treatment advice.

• Wipe hands before eating, drinking, chewing gum, using tobacco or using the toilet.

• Take off contaminated clothing.

• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

• Put on clean clothing.

• Use of chlorinated water is acceptable.

• Triple rinse as follows: Empty the remaining contents into application equipment. Offer for recycling, or dispose of empty container in a sanitary landfill, by incineration, if allowed, by local and state authorities, by burning, by burial, or deep slot of water.

• Follow Standard Statement for Merit WSP Midi Mix (Container Disposal): Nonrefillable container. Do not reuse or refill this container. Completely empty container into application equipment. Offer for recycling, or dispose of empty container in a sanitary landfill, by incineration, if allowed, by State and local authorities, by burning, by burial, or deep slot of water.

• Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

• Areas with seats are not aerated or translocated upw ard into the plant system from root uptake. To assure optimum effectiveness, the product must be placed where the growing portion of the target plant can absorb it.

• Use of chlorinated water is acceptable.

• Do not apply through any irrigation system.

• Do not apply to turfgrass areas when waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist.

• The treated turf area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile.

• Restriction: Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

• Do not apply to turfgrass areas when waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist.

• The treated turf area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile.

• Restriction: Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

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• Restriction: Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

• Do not apply to turfgrass areas when waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist.

• The treated turf area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile.

• Restriction: Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.

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• Do not apply to turfgrass areas when waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient cannot be achieved when these conditions exist.

• The treated turf area must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile.

• Restriction: Do not apply more than a total of 0.5 oz or 0.14 lb active ingredient per acre per year.
### FLOWERS AND GROUND COVERS: SOIL APPLICATION

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE PER APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turfgrasses</td>
<td>Leafhoppers (including glassy-winged sharpshooter)</td>
<td>1.0 oz/100 gal of water</td>
</tr>
<tr>
<td>Turfgrasses</td>
<td>Phylloxera (phylloxera bug)</td>
<td>0.5 oz/100 gal of water</td>
</tr>
<tr>
<td>Turfgrasses</td>
<td>Sawfly larvae</td>
<td>2.1 oz per 100 gal of water</td>
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</table>

### FRUIT, NUT TREES & VINES: FOLIAR APPLICATION

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE PER APPLICATION</th>
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</thead>
<tbody>
<tr>
<td>Grapes</td>
<td>Leafhoppers (including glassy-winged sharpshooter)</td>
<td>1.0 oz per acre</td>
</tr>
<tr>
<td>Pecan spittlebug</td>
<td>2.1 oz per 300 gal of water</td>
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</tbody>
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### TURFGRASSES

<table>
<thead>
<tr>
<th>CREP</th>
<th>PEST</th>
<th>DOSAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leaf</td>
<td>Merit 75 WSP (1 packet)</td>
<td>1.0 oz per 100 gal of water</td>
</tr>
</tbody>
</table>

### TREES & SHRUBS: SOIL APPLICATIONS

#### TREES

- **Application Methods:**
  - GRID SYSTEM: Space injection holes evenly around the base of the tree.
  - GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree.
  - CIRCLE SYSTEM: Apply in holes evenly spaced in circles (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending into the root zone.

#### SHRUBS

- **Application Methods:**
  - GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree.
  - CIRCLE SYSTEM: Apply in holes evenly spaced in circles (use more than one circle dependent upon the size of the tree) beneath the drip line of the tree extending into the root zone.

### TREES, SHRUBS, FLOWERS AND GROUND COVERS: FOLIAR APPLICATION

<table>
<thead>
<tr>
<th>CROP</th>
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<tr>
<td>Turfgrasses</td>
<td>Sawfly larvae</td>
<td>2.1 oz per 100 gal of water</td>
</tr>
</tbody>
</table>

### DISCLOSURE OF WARRANTIES:

**CONDITIONS:**

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, herbicide resistance or other unintended consequences may result because of such factors as weather conditions, presence of other products, or the manner of use or application, all of which are beyond the control of Bayer CropScience LP. All such risks shall be assumed by the user or buyer. Bayer CropScience LP makes no express or implied warranties of merchantability or fitness for a particular purpose or otherwise, that extends beyond the statements made on this label. An agent of Bayer CropScience is authorized to make representations not inconsistent with the terms of this label.

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**LIMITATION OF LIABILITY:**

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**REPLACEMENT OF PRODUCT:**

Any crop or part of any crop damaged by reason of the use or misuse of this product shall be replaced by Bayer CropScience LP.

**Bayer CropScience LP**

Research Triangle Park, NC 27709

IMPORTANT: READ BEFORE USE

Read the entire Directive for Use. Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

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**Bayer CropScience LP**

Research Triangle Park, NC 27709
**TURFGRASSES**

<table>
<thead>
<tr>
<th>CREP</th>
<th>PEST</th>
<th>DOSAGE</th>
<th>MERIT® 75 WSP Insecticide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawn of Kentucky Bluegrass, Bahiagrass, Zoysia</td>
<td>Leafhoppers, leafrollers, thrips, armyworms, army cutworms, cutworms, grasshoppers, grasshopper larvae, Japanese beetles, Japanese beetles larvae, Japanese beetles pupae, Japanese beetles adults</td>
<td>1.0 oz (1 packet)</td>
<td>24-48 inches of cumulative trunk diameter or 24-48 feet of cumulative shrub height</td>
</tr>
<tr>
<td>Agrostis (Kentucky bluegrass), Bentgrass, Bermudagrass, Florida Bermudagrass, Kentucky Bluegrass, Multiflora Rose, St. Augustine Grass</td>
<td>Leafhoppers, leafrollers, thrips, armyworms, army cutworms, cutworms, grasshoppers, grasshopper larvae, Japanese beetles, Japanese beetles larvae, Japanese beetles pupae, Japanese beetles adults</td>
<td>1.0 oz (1 packet)</td>
<td>40-72 inches of cumulative trunk diameter or 40-72 feet of cumulative shrub height</td>
</tr>
<tr>
<td>Annual bluegrass, Bentgrass, Kentucky Bluegrass, Multiflora Rose, St. Augustine Grass</td>
<td>Leaffedling bugs (including leafhogs, leafhogs, leafhogs and thrips, armyworms, army cutworms, cutworms, grasshoppers, grasshopper larvae, Japanese beetles, Japanese beetles larvae, Japanese beetles pupae, Japanese beetles adults)</td>
<td>1.0 oz (1 packet)</td>
<td>300 g of water</td>
</tr>
</tbody>
</table>

**FOLIAR APPLICATION**

- Cannot be applied within 500 feet of protected aquatic areas (e.g., lakes, reservoirs, rivers, streams, wetlands).
- Avoid spraying near or in water bodies where non-target aquatic species may occur.
- Do not apply more than 3.2 oz (0.16 lb active ingredient) per acre per season.
- Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

**RESTRICTIONS**

-Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.

---

**FLOWERS AND GROUNDCOVERS: SOIL APPLICATION**

-Do not apply more than 3.2 oz (0.16 lb active ingredient) per acre per season.

**FRUIT, NUT TREES & VIINEL: FOLIAR APPLICATION**

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**TREES, SHRUBS, FLOWERS AND GROUNDCOVERS: FOLIAR APPLICATION**

**TREES & SHRUBS: SOIL APPLICATIONS**

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<tr>
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<th>PEST</th>
<th>DOSAGE</th>
<th>MERIT 75 WSP Insecticide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lawn grass</td>
<td>Aphids (excluding wheat stem)</td>
<td>0.16 oz (1 packet)</td>
<td>0.9 oz total for all three trees.</td>
</tr>
<tr>
<td>Reducing stand mixtures</td>
<td>Leaf-feeding bugs (including leaf blights, slugs, and plant bugs)</td>
<td>0.8 oz (5 packets)</td>
<td>5 oz total for all three trees.</td>
</tr>
</tbody>
</table>

**FRUIT, NUT TREES & VINES; FOLIAGE APPLICATION**

<table>
<thead>
<tr>
<th>CROP</th>
<th>PEST</th>
<th>RATE PER APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alaska Blueberry</td>
<td>Aphids (excluding woolly apple aphid)</td>
<td>0.8 oz (1 packet) per 100 gal of water</td>
</tr>
</tbody>
</table>

**FLOWERS AND GROUNDCOVERS; SOIL APPLICATION**

Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, optimum control will be obtained if a slow-release formulation is applied.

**RESTRICTIONS**

Do not apply more than 0.3 oz (0.14 lb active ingredient) per acre per year.

**FRUIT, NUT TREES & VINES; FOLIAGE APPLICATION**

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<tr>
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<th>PEST</th>
<th>RATE PER APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple</td>
<td>Aphids (excluding woolly apple aphid)</td>
<td>0.8 oz (1 packet) per 100 gal of water</td>
</tr>
</tbody>
</table>

**TREES, SHRUBS, FLOWERS AND GROUNDCOVERS; FOLIAGE APPLICATION**

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<th>MERIT 75 WSP Insecticide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trees and Shrubs</td>
<td>Aphids (excluding wheat stem)</td>
<td>0.16 oz (1 packet)</td>
<td>0.9 oz total for all three trees.</td>
</tr>
<tr>
<td>Reducing stand mixtures</td>
<td>Leaf-feeding bugs (including leaf blights, slugs, and plant bugs)</td>
<td>0.8 oz (5 packets)</td>
<td>5 oz total for all three trees.</td>
</tr>
</tbody>
</table>

**SOIL INJECTION**

- Soil Injection: GRID SYSTEM: Space holes on 3 to 5 foot centers, as a grid pattern, extending to the drip line of the tree. GRID SYSTEM. Apply in holes spaced evenly around the base of the tree, starting from the trunk outward. GRID SYSTEM. Spatial injection holes equally around the base of the trunk are more than 6 inches out from the base. Maintain the pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.
- Soil Injection: BASAL SYSTEM: Space injection holes evenly around the base of the tree extending in from that line. BASAL SYSTEM. Injection holes equally around the base of the trunk more than 6 inches out from the base. Maintain the pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

**DISCLAIMER OF WARRANTIES:**

The purchase price paid, or at Bayer CropScience LP’s election, the replacement of Product.

**LIMITATIONS OF LIABILITY:**

Neither the purchase price paid, or at Bayer CropScience LP’s election, the replacement of Product.

**THOROUGH AND UNIFORM COVERAGE OF TURF IS NECESSARY FOR OPTIMUM CONTROL:**

Application to trees already heavily infested may not prevent the eventual loss of the trees due to existing pest damage and tree stress.

**APPLICATION EQUIPMENT:**

When this document is printed at 100% (actual size), this text is 6 pt HelveticaNeue Condensed. When this document is printed at 75% (actual size), this text is 6 pt HelveticaNeue Condensed. When this document is printed at 50% (actual size), this text is 6 pt HelveticaNeue Condensed.

**APPLICATION EQUIPMENT:**

Be sure to read “APPLICATION EQUIPMENT” Section of this label.

**TURFGRASSES**

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<th>MERIT 75 WSP Insecticide</th>
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</thead>
<tbody>
<tr>
<td>Lawns and turf</td>
<td>Aphids (excluding wheat stem)</td>
<td>0.16 oz (1 packet)</td>
<td>0.9 oz total for all three trees.</td>
</tr>
<tr>
<td>Reducing stand mixtures</td>
<td>Leaf-feeding bugs (including leaf blights, slugs, and plant bugs)</td>
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MIX required dosage in sufficient water to inject an equal amount of solution in each hole. Maintain a low pressure and use sufficient solution for distribution of the liquid into the treatment zone. For optimum control, keep the treated area moist for 7 to 10 days. Do not use less than 4 holes per tree or shrub.

If treating multiple trees at a similar rate, add the DBH of the trees together and divide by rate to be applied. To calculate the lower rate range with a 30 inch DBH tree:

$\frac{(30/12) \times 1.6 \text{ oz}}{1 \text{ packet}} = 4 \text{ oz per tree}$

TREES: SOIL APPLICATIONS FOR TREES WITH A 15 INCH OF TRUNK DIAMETER AT BREAST HEIGHT (DBH) OR

GRID SYSTEM: Space holes on 2.5 foot centers, in a grid pattern, extending to the drip line of the tree. CIRCLE SYSTEM: Apply in holes evenly spaced in circles, (use 30 inch DBH to determine center to center hole distance) applying total amount of product in sufficient water to ensure uniformity of application over the entire root zone of the tree. For optimum control, irrigate thoroughly to incorporate MERIT 75 WSP Insecticide into the upper soil profile.

Leaf-feeding bugs (including lace bugs, leaf bugs, and plant hoppers)

Leafhoppers, planthoppers, sharpshooters (including glassy-winged sharpshooter and spittle bug)

Whitewash

Philoctetis

Phytostrobus

Whiteflies

MIX required amount of product in sufficient water to uniform ly and accurately cover the area being treated. Do not use less than 2 gallons of water per 1,000 sq ft. For optimum control, irrigate thoroughly to incorporate MERIT 75 WSP Insecticide into the upper soil profile. Apply specified dosage as a foliar spray using 200 gallons of water per acre. Do not apply more than a total of 2.0 ounces of MERIT 75 WSP Insecticide per acre per year. Do not make more than 3 applications.

Apply as a broadcast treatment and incorporate into the soil before planting or apply after plants are established. If application is made to established plants, optimum control will not be achieved if needed. Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year.

Do not apply more than 8.3 oz of 2.1% active ingredient per acre per year. Do not apply more than 30 gallons of water per 1,000 sq ft. Do not apply more than 2.5% of the solution per acre. Do not apply more than 8.53 oz (0.4 lb active ingredient) per acre per year. Do not make more than 3 applications.

NOTE: The amount of MERIT 75 WSP Insecticide required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute solution per acre per season. If needed.

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3. LIABILITY LIMITATION: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSION OF THE USER’S OR BUYER’S ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID OR AT BAYER-CROPSCIENCE LP’S ELECTION, THE REPLACEMENT OF PRODUCT.

BayerCropScience LP | 2 T. W. Alexander Drive | Research Triangle Park, NC 27709

Produced for: Bayer Environmental Science

A Division of Bayer CropScience LP
**CAUTION**

**HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN.**

**AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.**

**AVOID BREATHING DUST OR VAPOR.**

**WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.**

**REMOVAL OF CONTAMINATED CLOTHING AND WASHING OF SKIN ARE ESSENTIAL TO PREVENT FURTHER ABSORPTION.**

**REVIEW THE FULL LABEL INSTRUCTIONS BEFORE USE.**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>PERCENTAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTIVE INGREDIENT:</td>
<td>75%</td>
</tr>
<tr>
<td>OTHER INGREDIENTS:</td>
<td>25%</td>
</tr>
</tbody>
</table>

**INSECTICIDE**

For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and interior plantscapes.

**ACTIVE INGREDIENT:** Para-ethyl nitril-2-imidazolidinimine

**OTHER INGREDIENTS:**
- 25%
- 75%

**INSTRUCTIONS:**

**PRECAUTIONARY STATEMENTS, DIRECTIONS FOR USE AND STORAGE & DISPOSAL**

**CAUTION**

**STOP – READ THE LABEL BEFORE USE.**

**KEEP OUT OF REACH OF CHILDREN.**

**IN CASE OF EMERGENCY CALL TOLL FREE THE BAYER ENVIRONMENTAL SCIENCE EMERGENCY RESPONSE TELEPHONE NO. 1-800-334-7577.**

**DISPOSAL INSTRUCTIONS:**

- Offer for recycling if available or dispose of empty container in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning.

**STORAGE AND DISPOSAL**

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

**ENVIRONMENTAL HAZARDS**

- This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

**Pesticide Storage:**

- Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container.

**Pesticide Disposal:**

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

**For MEDICAL AND TRANSPORTATION Emergencies Only Call 1-800-334-7577.**

**Note to Physician:**

- No specific antidote is available. Treat the patient symptomatically.

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

- Harmful if swallowed, inhaled, or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapor. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Keep children or pets off treated area until spray is dry.

**FOR THE USING: Scattered use is a service practice. Its use may result in the creation of residues that could result in environmental injury if applied in accordance with the instructions that figure in the label, or that otherwise could result in pollution to the environment.**

**PRODUCT USE INFORMATION CALL 1-800-331-2867.**

**PROTECTIVE EYEWEAR AND FACIAL CLOTHING:**

**PERSONAL PROTECTIVE CLOTHING:**

**GENERAL INSTRUCTIONS:**

For complete instructions on Hazard Classifications see Material Safety Data Sheet.

**For Medical And Transportation Emergencies Only Call 1-800-334-7577.**

**To Report A Pesticide Incident To The Local EPA Agency Call 1-800-858-1158.**

**Net Contents:** 6.4 Oz (4 x 1.6 Oz packets)