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- [2-(2-Chloroethyl)-4-nitrophenyl(4-nitrophenyl)imidazolidin-2-ylidene] 

**OTHER INGREDIENTS:**

Keep water soluble packets in this container and store in a cool dry place but not before freezing (32°F). Do Not Remove Packets From Container Except For Immediate Use.

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

**CAUTION**

FOR EL USUARIO: Si usted no lee o entiende español, no use este producto hasta que le hayan explicado completamente las instrucciones que aparecen en la etiqueta.

**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 1-800-334-7577

**FIRST AID**

- Call a Poison Control Center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious person.
- Have the Poison Control Center or doctor call the Emergency Number on the label for specific treatment instructions.

**If skin or clothing is contaminated:**

- Take off contaminated clothing.
- Wash skin with soap and water for at least 15 minutes.
- Remove contaminated clothing and wash before reuse. Keep children or pets out of treated area until area is thoroughly washed.

**If in eyes:**

- 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.

**If swallowed:**

- Do not induce vomiting unless told to do so by a poison control center or doctor.
- If a person is vomiting, turn the person on their side and tilt their head back to prevent choking.
- Call 24 Hours A Day 1-800-334-7577

**Note to physician:** No specific antidote is available. Treat the patient symptomatically.

**CAUTION**

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WHEN HANDLED麬**

- Avoid inhaling, ingestion, or absorption through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing dust or vapors. Wash thoroughly with soap and water after handling. Wash contaminated clothing and shoes before reuse.

**WHEN IN USE:**

- Keep children or pets out of treated area until area is thoroughly washed.

**HAZARDS TO DOMESTIC ANIMALS**

- Do not allow domestic animals to enter treated areas until they have been thoroughly washed.

**SAFE HANDLING INSTRUCTIONS**

- Do not apply this product within 100 feet of water sources or in or on apple, grape, or peach trees. Do not allow this product to reach surface or ground water. Do not allow treated water to contact fish, shellfish, or other water life.

**STORAGE AND DISPOSAL**

- Do not contaminate water, food, or feed by improperly disposing of containers or by allowing residuals to enter stormwater, surface water, or ground water.

**NOTES:**

- MERIT 75 WSP Insecticide is for use on or around food and non-food plants in or on commercial, industrial, public, and residential areas.
- MERIT 75 WSP Insecticide is not for use on or around food and non-food plants in or on orchards or other fruit or nut trees, or in or on vineyards.
- MERIT 75 WSP Insecticide is not for use on or around food and non-food plants in or on commercial greenhouses, nurseries, or seed crops.

- MERIT 75 WSP Insecticide is not for use on or around food and non-food plants in or on residential lawns or grasses used as sod or seed.

**Use this product only in accordance with the labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers and handlers of agricultural pesticides. It contains requirements for training, decontamination, notifications, and emergency responses. Failure to comply with specific protective equipment, protective clothing, or exposure prevention requirements may result in serious personal injury or death.**

**Agricultural Use Requirements**

Use this product only in accordance with the labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers and handlers of agricultural pesticides. It contains requirements for training, decontamination, notifications, and emergency responses. Failure to comply with specific protective equipment, protective clothing, or exposure prevention requirements may result in serious personal injury or death. Requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
**TURFGRASSES**

**PEST** | **DIAGNOSIS** | **RECOMMENDED DOSAGE**
--- | --- | ---
Emerald patch | Merid 75 WSP | 1 oz (1 packet) per 1000 sq ft
Black patch (including gray leaf spot) | Merid 75 WSP | 1 oz (1 packet) per 1000 sq ft

**RATE PER APPLICATION**

**CROP** | **PEST** | **DIAGNOSIS** | **RATE PER APPLICATION**
--- | --- | --- | ---
Grass | Merid 75 WSP | 1 oz (1 packet) | 1 oz (1 packet)

**FLOWERS AND GROUNDCOVERS: SOIL APPLICATION**

**CROP** | **PEST** | **DIAGNOSIS** | **RATE PER APPLICATION**
--- | --- | --- | ---
Annual | Merid 75 WSP | 1 oz (1 packet) | 1 oz (1 packet)

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

**CROP** | **PEST** | **RATE PER APPLICATION**
--- | --- | ---
Oranges | Merid 75 WSP | 1 oz (1 packet) | 1 oz (1 packet)

**NOTE:** Do not apply less than 0.3 oz (0.14 lb active ingredient) per acre per year.
For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, and fruit trees, and in and around non-agricultural areas. M ERIT 75 WSP Insecticide can be used by soil application as directed on trees, shrubs, flowers and ground covers in sites: in and around the perimeter of industrial and commercial buildings, residential areas, interior plantations, municipal, city, state, and national forest areas, and for turf grassed areas.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION 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. Harmful if swalloed, 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.

Hazardous to birds. Alteration of ecological balance may pose a potential threat to birds. In the event of an accidental spill, do not contaminate water, food, or feed by storage or disposal. Out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 12 hours. Do not enter treated area for 24 hours. 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.

Application Equipment for Use on Turfgrass

M ERIT 75 WSP Insecticide is a non-surfactant liquid suspension to be used with the appropriate equipment for direct application to turf and to the soil. Application equipment for use in turfgrass should be calibrated to deliver the required amount of active ingredient and its surfactant. Direct application of M ERIT 75 WSP Insecticide to turf and to the soil is not recommended for production areas. The rate of M ERIT 75 WSP Insecticide to be used is determined by the company.

Restriction of use: This product may only be used by certified applicators.

RESTRICTIONS

Do not contaminate water, food, or feed by storage or disposal. Disposal of equipment washwaters: Do not contaminate water, food, or feed by storage or disposal. Disposal of equipment washwaters. Do not contaminate water, food, or feed by storage or disposal. Disposal of equipment washwaters.

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APPLICATION TO TURFGRASS

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APPLICATION TO ORNAMENTALS

M ERIT 75 WSP Insecticide can be used for the control of soil-inhabiting pests of turfgrass, Northern & Southern carpet chiggers, Chrysopsylla hortens, C. roncavata, and S. c. Japonica; garden beetles, Alophus cucumeris, Oriental chafers, Alphus orientalis, Japanese beetles, Popillia japonica, and Japanese beetles, Popillia japonica. M ERIT 75 WSP Insecticide can also be used for the suppression of neem, neem, and neem, neem, neem.

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APPLICATION TO SHRUBS

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APPLICATION TO FLOWERS

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Restriction of use: This product may only be used by certified applicators.

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**MERIT® 75 WSP INSECTICIDE**

**REMEDY® BACKED BY BAYER.**

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:**

Insecticides: 10-Cyano-3-propionylbenzoyl-2-amino-2-ethyl-1,3-dimethyl-2-imidazolidine — 15%

**OTHER INGREDIENTS:**

To keep water soluble packets in this container and store in a cool dry place but not before freezing (32°F).

Do Not Re-enter Treatment Areas Before Enough Time Has Passed to Allow the Active Ingredient to Be Absorbed by Plants or Surfaces. Keep out of reach of children.

**ENVIRONMENTAL HAZARDS**

Merit 75 WSP insecticide can be used as directed on turfgrass and ornamentals on: residential homes, business and office complexes, shopping complexes, multi-family residential buildings, municipal, city, state, and national forested areas, and private wooded areas.

**PRECAUTIONARY STATEMENTS**

**FIRST AID**

- **Ingestion:** Do not induce vomiting. Call doctor.
- **Inhalation:** Remove to fresh air. If breathing is difficult, give oxygen. Call a doctor.
- **Contact:** Remove contaminated clothing and shoes. Rinse skin immediately with plenty of water for 15 to 20 minutes.
- **If on skin:** Wash all exposed skin with soap and water. Do not apply anything to the affected area.
- **If in eyes:** Remove any contact lenses if worn. Wash eyes immediately with plenty of water for 15 to 20 minutes. If pain persists, get medical attention.
- **If swallowed:** Do not induce vomiting. Call emergency physician or toxicology center.

**CAUTION**

**STORAGE AND DISPOSAL**

- **For MEDICAL USE:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.
- **For PRODUCT USE:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.

**NOTICE TO USERS:**

This leaflet is designed to help you identify and control various pests. It includes both general and specific information that can be applied to many different situations. It is intended for homeowners, professionals, and others who may be interested in the control of pests.

**APPLICATOR SAFETY**

Use the product only as directed on the label and in accordance with the following precautions:

**NOTICE TO USERS:**

This leaflet is designed to help you identify and control various pests. It includes both general and specific information that can be applied to many different situations. It is intended for homeowners, professionals, and others who may be interested in the control of pests.
For foliar and systemic insect control of listed pests in turfgrass (including sod farms), landscape ornamentals, fruit and nut trees, and other plant materials.

**ACTIVE INGREDIENT:**
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-{3-[(methyloxy)methyl]anilino}methylamine...75%

**OTHER INGREDIENTS:**
Keep water soluble packages in this container and store in a cool dry place but not before freezing (32°F).

**APPLICATION TO TURFGRASS**
M ERIT 75 W SP Insecticide can be used as directed on turfgrass and ornamentals on: residential home lawns, business and office complexes, shopping complexes, multifamily residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields, and sod farms.

**Personal Protective Equipment (PPE):**
• Call a poison control center or doctor immediately for treatment advice.
• Remove contaminated clothing and wash before reuse. Keep children or pets off treated area until spray is dry.
• Call a poison control center or doctor immediately for treatment advice.

**ENGINEERING CONTROLS:**
• Avoid long-sleeved shirt and long pants.
• Chemical resistant gloves made of any waterproof material such as barrier laminates, butyl rubber, nitrile rubber, neoprene rubber, nitrile rubber, polyethylene, polyurethane (PVC) or viton. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
• Shoes plus soxha.

**ENVIRONMENTAL HAZARDS:**
This product is highly toxic to aquatic invertebrates. Do not apply directly to water or in areas where surface water is present or to tidal areas unless the area is high water mark.

**NOTICE TO PHYSICIAN:**
Note to Physician:
• Do not give anything by mouth to an unconscious person.
• Take off contaminated clothing.
• 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.
• Call a poison control center or doctor for treatment advice.

**RESPONSE TO TIDEWAVES:**
If a product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses, keep children and pets off treated area until.

**AGRICULTURAL USE REQUIREMENTS**
This product may be used in accordance with the labeling and with the Worker Protection Standard. All containers must be labeled as required by current regulations. Residual applications should be applied in accordance with the guidance of the worker protection label. The following are specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**RESTRICTION:**
M ERIT 75 W SP Insecticide has been found to be compatible with comments used fungicides, miticides, liquid fertilizers, and other commonly used insecticides. Check physical compatibility using the correct proportion of product in a small jar if local experience is unavailable.

**STORAGE AND DISPOSAL**
Do not contaminate food, water, or feed by storage or disposal.

**PERIODIC STORAGE:**
Shore in cool, dry place and out of reach of children. This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils require treatment when applications are applied prior to egg hatch of the target pests. Foliar application or soil applications; including soil injection, drenches, and broadcast sprays. Foliar applications offer locally systemic activity against insect pests. Applications can be made providing the egg laying activity of the target pests. High levels of control can be achieved when applications are applied before or during the egg laying period. This for an application can be based on historical monitoring of the site, previous experience or reports, current summer adult trapping or other methods, and on the control achieved when applications are applied prior to egg hatch of the target pests.

**PARTIAL PARTIAL:**
M ERIT 75 W SP Insecticide can be used by soil application as directed on trees, shrubs, flowers and groundcovers in sites: in and around the perimeter of industrial and commercial buildings; residential areas; interior plantations; municipal, city, state, national forests, and federal wildlife areas.

**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 continue to resistance management strategies established for the use area.

**MERIT 75 WSP Insecticide contains a Group 4A insecticide.**
NOTE: When this document is printed at 100% actual size, this title will not fit horizontally in the box. When this document is printed at 97% actual size, this title is fit horizontally in the box.
NOTE: When this document is printed at 100% actual size, this is the file format suitable for printing. When this document is printed at 95% actual size, this is the file format suitable for display.

**TURFGRASSES**

<table>
<thead>
<tr>
<th>PEST</th>
<th>DOSAGE MERIT 75 WSP Insecticide</th>
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</thead>
<tbody>
<tr>
<td><strong>Lawn</strong></td>
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</tr>
<tr>
<td>Chinch bugs</td>
<td>1.0 oz (1 packet) per 1000 sq ft</td>
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<tr>
<td>Spiders</td>
<td>0.5 oz (1/2 packet) per 1000 sq ft</td>
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<tr>
<td>Armyworms</td>
<td>1.0 oz (1 packet) per 1000 sq ft</td>
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<tr>
<td>Galleria gall wasps</td>
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<tr>
<td><strong>Shrubs</strong></td>
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<tr>
<td>Sawfly larvae</td>
<td>1.6 oz (1 packet) per 1000 sq ft</td>
</tr>
<tr>
<td>Thrips</td>
<td>1.6 oz (1 packet) per 1000 sq ft</td>
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**FLOWERS AND GROUNDCOVERS: SOIL APPLICATION**

Applying as a broadcast treatment and incorporating into the soil before planting or applying after plants are established. 1 Application is made to established plants, optimum control will be attained at any time it is applied throughout the application period.

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

**TREES & SHRUBS: SOIL APPLICATIONS**

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TURFGRASSES

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TREES, SHRUBS, FLOWERS AND GROUNDCOVERS: FOLIAR APPLICATION

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Fruit trees in which the base of the trunk has been cut or girdled with a hand saw, and some wood remains, are the type most likely to benefit from the use of Merit 75 WSP insecticide.

Examples of multiple trees in a single application:

Example equation: 

\[
\text{Total oz of product per tree} = \left( \frac{x}{y} \right) \times 0.4 \text{ oz per tree}
\]

Where:

- \(x\) is the total DBH inches of a tree
- \(y\) is the cumulative trunk diameter rate to be applied

Example:

3 trees with DBH of 8, 10, & 9 inches. Total cumulative inches of DBH is 27 (x).

\[
\left( \frac{27}{48} \right) \times 0.4 \text{ oz per tree} = 0.44 \text{ oz per tree}
\]

TREES & SHRUBS: SOIL APPLICATIONS

Examples of multiple trees in a single application:

Example equation: 

\[
\text{Total oz of product per tree} = \left( \frac{x}{y} \right) \times 1.6 \text{ oz (1 packet)}
\]

Where:

- \(x\) is the total DBH inches of a tree
- \(y\) is the cumulative trunk diameter rate to be applied

Example:

3 trees with DBH of 8, 10, & 9 inches. Total cumulative inches of DBH is 27 (x).

\[
\left( \frac{27}{48} \right) \times 1.6 \text{ oz per tree} = 1.06 \text{ oz per tree}
\]

When starting with a single tree, use the following recommendations:

Example equation: 

\[
\text{Total oz of product per tree} = \left( \frac{x}{y} \right) \times 1.6 \text{ oz (1 packet)}
\]

Where:

- \(x\) is the total DBH inches of a tree
- \(y\) is the cumulative trunk diameter rate to be applied

Example:

3 trees with DBH of 8, 10, & 9 inches. Total cumulative inches of DBH is 27 (x).

\[
\left( \frac{27}{48} \right) \times 1.6 \text{ oz per tree} = 1.06 \text{ oz per tree}
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Examples of multiple trees in a single application:

Example equation: 

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Where:

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TREES & SHRUBS: SOIL APPLICATIONS

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TURFGRASSES

Examples of multiple trees in a single application:

Example equation: 

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\text{Total oz of product per tree} = \left( \frac{x}{y} \right) \times 1.6 \text{ oz (1 packet)}
\]

Where:

- \(x\) is the total DBH inches of a tree
- \(y\) is the cumulative trunk diameter rate to be applied

Example:

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\[
\left( \frac{27}{48} \right) \times 1.6 \text{ oz per tree} = 1.06 \text{ oz per tree}
\]
TURFGRASSES

<table>
<thead>
<tr>
<th>CRISP</th>
<th>PEST</th>
<th>DOSAGE MERIT 75 WSP Insecticide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merit 75 WSP</td>
<td>Turfgrass Lice</td>
<td>1 oz (30 ml) per 1000 sq ft</td>
</tr>
</tbody>
</table>

FRUIT, NUT TREES & VINES: FOLIAR APPLICATION

<table>
<thead>
<tr>
<th>CRISP</th>
<th>PEST</th>
<th>RATE PER APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Merit 75 WSP</td>
<td>Washed*</td>
<td>1 oz (30 ml) per 300 gal of water</td>
</tr>
</tbody>
</table>


turfs 


groundcovers 


Example of multiple trees using similar rate of 48 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x).

Example of multiple trees using similar rate of 12 (y): 3 trees with DBH of 15, 20, & 25 inches. Total cumulative inches of DBH is 60 (x).

More than one circle dependent upon the size of the tree) beneath the drip line of the tree extending in from that line. BASAL SYSTEM: Space injection holes evenly around the base.

Soil Drench:

No Soil Injection Applications Allowed in Nassau or Suffolk Counties of New York.

12”

3”

6”

12”

NOTE: When this document is printed at 100% actual size, this text is 6 pt Helvetica 75 Bold. When this document is printed at 150% actual size, this text is 8 pt Helvetica 100 Bold.