**MERIT® 0.2 Plus TURF FERTILIZER**

For fertilization and insect control in turfgrass and landscape ornamentals and sod farms. Fertilizer with MERIT® Insecticide. Contains MERIT® Insecticide.

### ACTIVE INGREDIENT:
Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine .................................. 0.2%

### OTHER INGREDIENTS
- 99.8%

### U.S. Patent No. 5,763,203
- 100.0%

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOTAL NITROGEN (N)</td>
<td>14.0%</td>
</tr>
<tr>
<td>SOLUBLE POTASH (K₂O)</td>
<td>14.0%</td>
</tr>
<tr>
<td>TOTAL SULFUR (S)</td>
<td>1.7%</td>
</tr>
<tr>
<td>DERIVED FROM:</td>
<td>Polymer Sulfur-Coated urea, Urea, Muriate of Potash.</td>
</tr>
<tr>
<td>CHLORINE (Cl) Max</td>
<td>10.5%</td>
</tr>
<tr>
<td>NITROGENASE</td>
<td>0.2%</td>
</tr>
</tbody>
</table>

### User Safety Recommendation

**User Should:**
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove 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.

### 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. Do not contaminate water when disposing of equipment washwaters. This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### DIRECTIONS FOR USE
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 contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### 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 workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:
- - Coversalls
- - Chemical-resistant gloves made of any waterproof material
- - Shoes plus socks

Do not formulate this product into other end-use products.

### NET WEIGHT
50 lbs. (22.67 kg)

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**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed or absorbed through skin. Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE)**

**WPS USES:** Applicators and Other Handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170). In general, agricultural plant uses e.g., use in sod farms, must wear:
- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or vinyl. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
- - Shoes plus socks

Follow manufacturer’s instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box 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. Keep children and pets off treated area until dry.

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**User Safety Recommendation**

**User Should:**
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
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**GUARANTEED FERTILIZER ANALYSIS**

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**PRECAUTIONAL INFORMATION**

Si Usted no puede leer e entender inglés, no use este producto hasta que le atienga la ley.

**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 ONLY**

**Call, 24 Hours A Day, 1-800-344-9017**

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**First Aid**

If Swallowed:
- 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.

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

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

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

**NOTE TO PHYSICIAN:** No specific antidote is available. Treat the patient symptomatically.

**Personal Protective Equipment (PPE)**

**WPS USES:** Applicators and other handlers who handle this product for any use covered by the Worker Protection Standard (40 CFR part 170). In general, agricultural plant uses e.g., use in sod farms, must wear:
- Long-sleeved shirt and long pants
- Chemical resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, natural rubber, polyethylene, polyvinylchloride (PVC) or vinyl. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.
- - Shoes plus socks

Follow manufacturer’s instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

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Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:
- Coversalls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Do not formulate this product into other end-use products.

**NET WEIGHT**

50 lbs. (22.67 kg)
APPLICATION TO TURFGRASS

The use of this product will provide plant nutrients as well as providing control of selected insect pests. TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer can be used for the control of soil-inhabiting pests of turfgrasses, such as northern & southern masked chafers, Cyclotopus borealis, C. immaculata and /or C. luridus; Asiatic garden beetle, Leiodes castanea; European chafer, Rhinocyllus maculatus; Japanese beetle, Popillia japonica; Oriental beetle, Anomala orientalis; sangurbee beetle, Euthrelthus hulmii rugocephalus; billbugs, Sphenophorus spp.; annual bluegrass weevil, Lissorhabditis maculicollis. Backyard grubs, Anomala calcarata; Azapilus spp.; crane flies, Tipula spp., and mole crickets, Scapteriscus spp. TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer can be used as directed on turfgrasses in sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sail farms.

The active ingredient in TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer has sufficient residual activity so that applications can be made preceding the egg laying activity of the target pests. High levels of control can be achieved when applications are made preceding or during the egg laying period. The need for an application can be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. Optimum control will be achieved when applications are made prior to egg hatch of the target pest, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch.

Applications should not be made when turfgrasses are waterlogged or the soil is saturated with water. Adequate distribution of the active ingredient is essential when these conditions exist. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. Applications cannot exceed a total of 200 lb (0.4 lb of active ingredient) per acre per year. Avoid mowing turf or lawn areas until irrigation or rainfall has occurred so that uniformity of application will not be affected.

APPLICATION TO ORNAMENTALS

TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer can be used as a broadcast application on ornamentals in residential and commercial landscapes, as well as on landscaped areas of golf courses and other recreational areas. This is a systemic product, with the active ingredient being absorbed by the roots and translocated upward within the plant. Optimum control will be achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to place the active ingredient into the soil. Applications should be made prior to anticipated pest infestation to achieve optimum pest control.

The active ingredient can be applied to ornamentals in commercial and residential landscap es, as well as on landscaped areas of golf courses and other recreational areas. This is a systemic product, with the active ingredient being absorbed by the roots and translocated upward within the plant. Optimum control will be achieved when applications are followed by sufficient mechanical incorporation, irrigation or rainfall to place the active ingredient into the soil. Applications should be made prior to anticipated pest infestation to achieve optimum pest control.

SPREADER SETTINGS FOR MERIT 0.2 PLUS TURF FERTILIZER

The following chart can be used as a guide in establishing an accurate rate of TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer. The suggested settings should provide an application rate of 3.5 lbs per 1000 sq ft. The actual rate may vary dependent on the equipment used, wear and condition of spreader. Carefully calibrate all equipment prior used to commercial use of this product.

ROTARY SPREADER SETTINGS

<table>
<thead>
<tr>
<th>LESECO Cyclone &amp; Spreader®</th>
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<tbody>
<tr>
<td>#6</td>
<td>#9</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

APPLICATION RATES

Turf Grasses

- Annual bluegrass weevil
- Billbug
- Crabgrass
- Larvae of white grubs, such as Armyworm
- Asian garden beetle
- Black turfgrass aestivalis
- European chafer

MERIT 0.2 Plus Turf Fertilizer other than those specified on this label are not registered with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which may extend beyond the control of Turf Care Supply Corp. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, TURF CARE SUPPLY CORP. MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Turf Care Supply Corp. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Turf Care Supply Corp. disclaims any liability whatsoever for special, incidental or consequential damages, resulting from the use or handling of this product.

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TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer is specially formulated and sold by Turf Care Supply Corp. for the control of insects according to the directions on this label. Bayer CropScience LP has rights to U.S. Patent No. 5,783,203. The purchase price of TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer includes a prepaid license under which purchaser agrees to employ the purchased quantity of TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer only for the above-specified uses under Bayer’s United States patent rights and to provide notice of the terms and conditions of this license to any subsequent purchaser. Use of TCS GrowStar® MERIT 0.2 Plus Turf Fertilizer other than those specified on this label are not licensed through the purchase of this product.

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