

# IMI 0.2 Plus Fertilizer

For fertilizer and insect control in  
turfgrass and sod farms.

**ACTIVE INGREDIENT:**

Imidacloprid.....0.2%

**OTHER INGREDIENTS:**.....99.8%

**TOTAL:**.....100.0%

|   |  |                            |        |
|---|--|----------------------------|--------|
| <p>Made smart with<br/><b>N-Fate</b></p>                                      |  | <h2>15-0-3</h2>            |        |
| <p><b>GUARANTEED FERTILIZER ANALYSIS</b></p>                                  |  |                            |        |
| Total Nitrogen (N).....   |  |                            | 15.00% |
| 11.25% Ammoniacal Nitrogen  |  |                            |        |
| 3.75% Urea Nitrogen*  |  |                            |        |
| Soluble Potash (K <sub>2</sub> O).....  |  |                            | 3.00%  |
| Sulfur (S).....   |  |                            | 12.80% |
| 12.80% Combined Sulfur  |  |                            |        |
| <p>Derived from: Polymer Coated Urea, Ammonium Sulfate, Muriate of Potash</p> |  |                            |        |
| Chlorine (Cl) Max. ....   |  |                            | 2.55%  |
| <p>*3.56% slowly available urea nitrogen from polymer coated urea</p>         |  |                            |        |
| <p><b>#071502</b></p>   |  | <p><b>MSDS# 07-002</b></p> |        |

## KEEP OUT OF REACH OF CHILDREN CAUTION PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

**For Chemical Spill, Leak, Fire, or Exposure, Call  
CHEMTREC (800) 424-9300  
For Medical Emergencies Only, Call (877) 325-1840**

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION – PRECAUCION

Causes eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or tobacco.

#### THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS APPLY TO SOD FARM USE ONLY:

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Chemical-resistant gloves (such as natural rubber selection category A)
- Shoes plus socks

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

**For Non-WPS USES:** Applicators and other handlers who handle this product for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) - in general, only agricultural plant uses are covered by the WPS, must wear:

- Shirt and pants
- Gloves
- Shoes plus socks

#### USER SAFETY RECOMMENDATIONS

**Users 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.

| FIRST AID   |   |
|---|---|
| <b>If on skin or clothing:</b>  | <ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>   |
| <b>If in eyes:</b>  | <ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul> |
| HOT LINE NUMBER   |   |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment advice.</p> |   |
| NOTE TO PHYSICIAN   |   |
| <p>No specific antidote is available. Treat the patient symptomatically.</p>  |   |

#### 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 equipments washwaters. This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. To prevent contamination of the environment, do not apply near water, storm drains, gutters or ditches. Do not apply when rain is predicted for that day. Apply this product only to your lawn and sweep any product that lands on the driveway, sidewalk, or street, back onto the treated area of your lawn.

#### 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 requirements 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 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:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

#### 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 Standards for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

If watering-in of the product is necessary, do not allow people or pets on treated areas until grass or soil is dry.

#### APPLICATION TO TURFGRASS

**IMI 0.2 Plus Fertilizer** may be used as directed on turfgrass 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 sod farms to control the following soil inhabiting pests:

|   |   |
|---|---|
| Asiatic garden beetle ( <i>Maladera castanea</i> )  | Annual bluegrass weevil ( <i>Hyperodes spp.</i> ) |
| European chafer ( <i>Rizotroqus majalis</i> )   | May or June beetles ( <i>Phyllophaga</i> )        |
| Japanese beetle ( <i>Popillia japonical</i> )   | Oriental beetle ( <i>Anomala orientalis</i> )     |
| Billbugs ( <i>Sphenophorus</i> spp.)  | Mole crickets ( <i>Scapterisus</i> spp.)          |
| Black turfgrass ataenius ( <i>Ataenius spretulus</i> )  |   |
| European Crane Fly ( <i>Tipula paludosa</i> )   |   |
| Northern & Southern masked chafers ( <i>Cyclocephala borealis</i> , <i>C. immaculata</i> , <i>C. lurida</i> ) |   |

(Continued on back of bag)

# IMI 0.2 Plus Fertilizer

## APPLICATIONS TO TURFGRASS (Continued)

The active ingredient in this product 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.

Do not apply to turfgrass that is water saturated. The potential of less than satisfactory distribution of this product could occur which could cause less than expected performance. The treated area must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. Applications can not exceed a total of 200 pounds (0.4 pound of active ingredient) per acre per year.

## Application Equipment

Apply this product uniformly over the area being treated with typical granular application equipment. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate all spreader equipment at the time of application to achieve the desired application rate.

| Crop   | Pest  | Dosage   |
|--|---|--|
| Turfgrasses  | Larvae of:<br>Annual Bluegrass Weevil<br>Asiatic Garden Beetle<br>Billbugs<br>Black Turfgrass Ataenius<br>European Chafer<br>European Crane Fly | Northern Masked Chafer<br>Oriental Beetle<br><i>Phyllophaga</i> spp.<br>Southern Masked Chafer |
|  | Larvae of:<br>Asiatic Garden Beetle<br>Black Turfgrass Ataenius<br>European Chafer<br>Japanese beetle<br>Northern Masked Chafer                 | Oriental Beetle<br><i>Phyllophaga</i> spp.<br>Southern Masked Chafer                           |
|  | Larvae of:<br>Annual Bluegrass Weevil<br>Billbugs   | 125 to 200 lbs. per acre<br>or<br>3.0-4.5 lbs. per 1000 sq. ft.                                |
|  | For optimum control, make application prior to egg hatch of the target pest. Be sure to read "APPLICATION EQUIPMENT" section of this label.     |  |
| Mole Crickets  |   | 150 - 200 lbs. per acre<br>or<br>3.5-4.5 lbs. per 1000 sq. ft.                                 |
| For control of mole crickets make application prior to or during the peak egg hatch period. When adults or large nymphs are present and actively tunneling, application should be accompanied by a curative insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialist for more specific information regarding timing of application.  |   | 200 lbs. per acre<br>or<br>4.5 lbs. per 1000 sq. ft.   |
| NOTE: For optimum control, irrigation or rainfall should occur within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application. Do not apply more than 200 pounds (0.4 pound of active ingredient) per acre per year. Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected. |   |  |

## Spreader Settings for IMI 0.2 Plus Fertilizer

The following chart can be used as a guide in establishing an accurate rate of IMI 0.2 Plus Fertilizer. The suggested settings should provide an application rate of 3.5 lbs. per 1000 sq. ft. or 150 lbs. per acre. Application rates will vary dependent upon speed, equipment wear and condition of spreader. Calibrate all spreader equipment at the time of application to achieve the desired application rate.

### SUGGESTED SPREADER SETTINGS

| Spreader       | Recommended Rate in lb per 1,000 sq ft |
|----------------|--|
|                | 3.5 lb                                 |
| Lesco #        | 14                                     |
| Lesco letter   | E                                      |
| Cyclone/Spyker | 4                                      |
| Vicon 4.5 mph  | 26                                     |
| Lely 4.5 mph   | 4                                      |

## RESTRICTIONS

- Do not allow runoff or puddling of irrigation water following application.
- Do not apply this product to areas which are water-logged or saturated as this will not allow penetration into the root zone of the plant
- Do not apply more than 200 pounds (0.4 pound of active ingredient) per acre per year.
- Do not apply to vegetable gardens.
- Do not apply near fish pools, ponds, lakes or streams.
- Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.
- [Not for sale, sale into, distributed and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York.]

## STORAGE AND DISPOSAL

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

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste facility.

**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Dispose of empty bag in a sanitary landfill or by incineration or if allowed by the state and local authorities, by burning. If burned, stay out of smoke. 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 and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If material is spilled for any reason or cause, carefully contain any spilled material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides above. Refer to Precautionary Statements on label for hazards associated with the handling of this material. In spill or leak incidents, keep unauthorized people away.

## WARRANTY DISCLAIMER

The directions for use of this product must be followed carefully. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, (1) THE GOODS DELIVERED TO YOU ARE FURNISHED "AS IS" BY MANUFACTURER OR SELLER AND (2) MANUFACTURER AND SELLER MAKE NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND TO BUYER OR USER, EITHER EXPRESS OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE, OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE. UNINTENDED CONSEQUENCES, INCLUDING BUT NOT LIMITED TO INEFFECTIVENESS, MAY RESULT BECAUSE OF SUCH FACTORS AS THE PRESENCE OR ABSENCE OF OTHER MATERIALS USED IN COMBINATION WITH THE GOODS, OR THE MANNER OF USE OR APPLICATION, INCLUDING WEATHER, ALL OF WHICH ARE BEYOND THE CONTROL OF MANUFACTURER OR SELLER AND ASSUMED BY BUYER OR USER. THIS WRITING CONTAINS ALL OF THE REPRESENTATIONS AND AGREEMENTS BETWEEN BUYER, MANUFACTURER AND SELLER, AND NO PERSON OR AGENT OF MANUFACTURER OR SELLER HAS ANY AUTHORITY TO MAKE ANY REPRESENTATION OR WARRANTY OR AGREEMENT RELATING IN ANY WAY TO THESE GOODS.

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