

Imidashield

For Control of listed insect pests in turfgrass, sod farms and landscape ornamentals
Restriction: Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York

ACTIVE INGREDIENT:	
*Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine.....	0.2%
OTHER INGREDIENTS.....	99.8%
TOTAL	100.00%

10-0-0

Guaranteed Analysis

Total Nitrogen (N).....10.0%
 10.0% Urea Nitrogen

Derived From: Urea

Lot No. SAMPLE

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.)

FIRST AID

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

If on skin or clothing: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. 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. For information on this product, contact the National Pesticide Information Center, 1-800-858-7378, Monday-Friday, 8:00 AM-12:00 PM PST. You may also contact the National Poison Control Center, 1-800-222-1222, day or night, for emergency medical treatment information. **FOR CHEMICAL EMERGENCY:** Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300.

Note To Physician: No specific antidote is available. Treat the patient symptomatically.

Net Weight: 50 lbs. (22.7 KG)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION - Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum or using tobacco. Remove contaminated clothing and wash before reuse.

THE FOLLOWING PERSONAL PROTECTIVE EQUIPMENT (PPE) REQUIREMENTS APPLY TO SOD FARM USE ONLY: Applicators and other handlers must wear: Long-sleeved shirt, long pants, chemical resistant gloves (made out of barrier laminate, polyethylene, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, natural rubber ≥ 14 mils, polyvinyl chloride (PVC) ≥ 14 mils or viton ≥ 14 mils), shoes and socks.
 Follow manufacturer's instructions for cleaning/maintaining Personal Protective Equipment (PPE). If no such instructions for washables exist, 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 WPS (40 CFR Part 170) – in general only agricultural plant uses are covered by WPS – must wear: Shirt and pants, Chemical-resistant gloves (as listed above), 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 pesticides get 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 or rinsate. Runoff may be hazardous to aquatic organisms in water adjacent to treated areas. This product contains a chemical with 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 heavy rain or downpour is predicted for that day. Apply this product only to your lawn or garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto the treated area of your lawn or garden.

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.

RESTRICTIONS:

- **DO NOT** apply this product near fish pools, ponds, streams or lakes.
- **DO NOT** use more than 200 pounds of this product (0.4 lbs a.i.) per acre per year or 4.5 pounds of this product (0.09 lbs a.i.) per 1,000 square feet/year.
- **DO NOT** apply to vegetable gardens.
- **DO NOT** apply this product to areas that are waterlogged or saturated with water. This product may not work effectively in these types of conditions.
- **DO NOT** harvest or consume fruit or nuts from trees that have been treated within 1 year (365 days).
- Keep children and pets off treated area until it has dried.
- **DO NOT** use food utensils such as teaspoons or measuring cups for food purposes after use with this product.
- **DO NOT** apply this product, by any application method, to linden, basswood or other Tilia species [in the State of Oregon].
- Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens Counties in the state of New York.

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.

(Continued in column above)

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

APPLICATION TO TURFGRASS

Use this product for the control of listed soil inhabiting pests of turfgrass, such as Northern & Southern masked chafers, *Cyclocephala borealis*, *immaculata*, and/or *C. lurida*; Asiatic garden beetle, *Maladera castanea*; European chafer, *Rhizotrogus majalis*; May or June beetles, *Phyllophaga* spp.; Japanese beetle, *Popillia japonica*; Oriental beetle, *Anomala orientalis*; Billbugs, *Sphenophorus* spp.; Annual bluegrass weevil, *Hyperodes* spp.; Black turfgrass ataenius, *Ataenius spretulus*; *Aphodius* spp.; and mole crickets, *Scapteriscus* spp. Use this product as directed on turfgrass in residential lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, athletic fields and sod farms.

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. Base the need for an application on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. 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. Application to water saturated turf will result in reduced performance. The treated area must be in such a condition that the rainfall or irrigation will penetrate vertically into the soil profile. **DO NOT** exceed a total of 200 pounds (0.4 pound of active ingredient) per acre per year.

APPLICATION TO ORNAMENTALS

This product can be used as a broadcast application on ornamentals in commercial and residential landscapes, as well as on landscaped areas of golf courses and other recreational areas. Make application prior to anticipated pest infestation to achieve control. Rainfall, irrigation or mechanical incorporation after application will aid in maximizing control.
DO 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. **DO NOT** use spreaders that apply the material in concentrated bands. Calibrate all spreader equipment at the time of application to achieve the specified application rate.

APPLICATION RATES FOR USE ON SOD FARMS and TURFGRASSES

CROP/SITE	PEST	DOSAGE
Sod Farms and Turf Grasses	Larvae of: Annual bluegrass weevil European Crane Fly Asiatic garden beetle Northern masked chafer Billbugs Oriental beetle Black turfgrass ataenius <i>Phyllophaga</i> spp. European chafer Southern masked chafer	125 to 200 pounds per acre or 3.0 to 4.5 pounds per 1,000 square feet
	Larvae of: Asiatic garden beetle Northern masked chafer Black turfgrass ataenius Oriental beetle European chafer <i>Phyllophaga</i> spp. Japanese beetle Southern masked chafer	150 pounds per acre or 3.5 pounds per 1,000 square feet
	Larvae of: Annual bluegrass weevil Billbugs	150 to 200 pounds per acre or 3.5 to 4.5 pounds per 1,000 square feet
For optimum control, make application prior to egg hatch of the target pest. READ "APPLICATION EQUIPMENT" section of this label.		
	Mole crickets	200 pounds per acre or 4.5 pounds per 1,000 square feet
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, accompany application by a remedial insecticide. Consult your local State Agricultural Experiment Station or State Extension Turf Specialists for more specific information regarding timing of application. RESTRICTIONS: Irrigation or rainfall is necessary within 24 hours after application to move the active ingredient through the thatch. On golf courses, irrigate treated areas following application.		
<ul style="list-style-type: none"> • DO NOT apply more than 200 pounds (0.4 pound of active ingredient) per acre per year. • DO NOT mow turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application is not affected. • DO NOT graze treated areas or use clipping from treated areas for feed or storage • DO NOT apply to areas which are water logged or saturated, which will not allow penetration into root zone of the plant. 		

EPA REG. NO. 53883-362-72744
 EPA EST. NO. 72744-OK-001

Manufactured by: Agri-Nutrients, Inc. · 5201 Bird Creek Avenue · Port of Catoosa, OK (continued on back of this page)

SPREADER SETTING FOR THIS PRODUCT

Use the following chart as a guide to establish an accurate rate of this product. Use a spreader setting that provides an application rate of 3.5 pounds per 1,000 square feet or 150 pounds per acre. Application rates will vary dependent upon speed, equipment wear and condition of spreader. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly and accurately.

APPLICATION RATES FOR USE ON ORNAMENTALS AROUND RESIDENTIAL, COMMERCIAL & INDUSTRIAL AREAS

SITE	PEST	DOSAGE
Landscape Plantings: Including: Trees, Shrubs, Evergreens, Flowers, Foliage Plants, Ground Covers	White grub larvae Such As: Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp. Asiatic garden beetle, Oriental beetle	3.5 to 4.5 pounds per 1,000 square feet
Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability. Mechanical incorporation, irrigation or rainfall is necessary within 24 hours after application to move the active ingredient into the soil.		
Flower Beds	Adelgids Aphids Armored scales (suppression) Japanese beetle (adults) Lacebugs Leaf beetles (including Elm, Viburnum, and Lily) Leafhoppers (including Glassy-winged sharpshooter) Leafminers (including Birch and Boxwood) Mealybugs Pine tip moth (larvae) Psyllids	4 ounces per 12 square feet (3ft. x 4 ft. bed area) 4 ounces= <u> </u> tsp or <u> </u> tbsp or <u> </u> capfuls or <u> </u> cups
Roses	Root weevil larvae (including Black vine) Sawflies (larvae) Soft Scales (including Lobate lac) Thrips Whiteflies	2 ounces per plant 2 ounces= <u> </u> tsp or <u> </u> tbsp or <u> </u> capfuls or <u> </u> cups
Shrubs		4 ounces per foot of plant height 4 ounces= <u> </u> tsp or <u> </u> tbsp or <u> </u> capfuls or <u> </u> cups
<p>For new plants, apply to soil and mix prior to planting. For established plants, use before pest damage occurs or immediately seen. Repeat applications every 8 weeks during the growing season, not to exceed max rate per year. Apply the required amount of granules evenly on top of soil; mix thoroughly into the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.</p> <p>RESTRICTIONS DO NOT apply near fish pools, ponds, lakes or streams. DO NOT allow runoff or puddling or irrigation water following application. DO NOT apply this product to areas that are water-logged or saturated with water. This product may not work effectively in these types of conditions. DO NOT harvest or consume fruit or nuts from trees that have been treated within 1 year (365 days). Keep children and pets off treated area until it has dried. DO NOT apply to vegetable gardens. DO NOT use utensils such as teaspoons or measuring cups for food handling after they have been used to measure this product. DO NOT apply more than 200 pounds (0.4 pound of active ingredient) per acre per year or 4.5 pounds/1000 square feet/year. DO NOT apply this product, by any application method, to linden, basswood or other <i>Tilia</i> species [in the State of Oregon]. Not for sale, sale into, distribution and/or use in Nassau, Suffolk, Kings and Queens counties in the state of New York.</p>		

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.
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 and out of the reach of children, preferably in a locked storage area.
 Carefully handle the container to prevent spills. If material is spilled, carefully contain any material to prevent non-target contamination. Do not walk through spilled material and dispose of as directed for pesticides below.
Pesticide Disposal: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, by incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.
 Refer to Precautionary Statements on label for hazards associated with the handling of this material.

IMPORTANT READ BEFORE USE

Read the entire Directions 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.

WARRANTY STATEMENT

Agri-Nutrients, Inc. ® Warranty

LIMITATION OF WARRANTY AND LIABILITY

Read the entire direction for use, conditions 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**.
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 risk associated 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 are beyond the control of Agri-Nutrients, Inc. All such risks shall be assumed by the user or buyer.
DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Agri-Nutrients, Inc. 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 Agri-Nutrients, Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Agri-Nutrients, Inc. disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.
LIMITATIONS OF LIABILITY: To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agri-Nutrients, Inc. election, the replacement of product.

Manufactured by:
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