

Classified for
"RESTRICTED USE"
in New York State
under 6NYCRR Part 326

DOC ID 521200



ACCEPTED
VIA NOTIFICATION
LABEL NOT REVIEWED

Jan. 29, 2010

New York State Department
of Environmental Conservation
Division of Solid & Hazardous Materials
Pesticide Product Registration

Systemic insecticide for use on turfgrass and landscape ornamentals.

ACTIVE INGREDIENT:

Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine 0.5%

OTHER INGREDIENTS: 99.5%

TOTAL 100.0%

Contains imidacloprid, the active ingredient used in Merit®.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

FIRST AID

| | |
|--------------------------------|---|
| If swallowed: | <ul style="list-style-type: none">• 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 the poison control center or doctor.• Do not give anything by mouth to an unconscious person. |
| If on skin or clothing: | <ul style="list-style-type: none">• 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: | <ul style="list-style-type: none">• 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.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

EPA REG. NO. 34704-960

EPA EST. NO. 8378-IN-001

NET CONTENTS 30 LBS. (13.63 KG)

IHT

103006 V5D 01RB10

MALICE™ 0.5G
EPA REG. NO. 34704-960

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.

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 groundwater. 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.

GENERAL INFORMATION

Malice™ 0.5G will control insects on turf and ornamentals grown in commercial and residential landscapes. Malice 0.5G is a systemic insecticide applied as a soil treatment **only** and is translocated upward within the plant. For best results, Malice 0.5G must be applied where the roots of the target plants can absorb the active ingredient. After application, irrigate moderately but thoroughly being sure to avoid leaching and runoff from the container for at least three irrigations or 10 days whichever is longer.

Treated areas may be replanted with any crop specified on an imidacloprid label, or with any crop for which a tolerance exists for the active ingredient. For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12-month plant-back interval should be observed.

Malice 0.5G General Use Precautions:

- Do NOT apply more than 80 lbs. (0.4 lb. of active ingredient) per acre per year.
- Following application, avoid runoff or puddling of irrigation water.
- Avoid application of Malice 0.5G to areas which are waterlogged or saturated, which will not allow penetration into the root zone of the plant.
- Prior to commercial use of this product, be sure to carefully calibrate application equipment.

Application Equipment

Using either drop-type or rotary-type spreaders, apply Malice 0.5G uniformly over the area being treated. Avoid the use of spreaders that apply the material in narrow, concentrated bands. Use the following chart as a guide for establishing an accurate application rate of Malice 0.5G. Rates will vary depending on speed, equipment wear and condition of spreader. Calibrate application equipment according to the manufacturer's directions prior to use and check frequently to be sure the equipment is working properly and distributing granules uniformly and accurately.

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| Spreader Model | Speed (mph) | Settings for 60 lbs./A | Settings for 80 lbs./A |
|--|--------------------|-----------------------------------|-----------------------------------|
| Cyclone Model CB4000 | 3 | 3-1/4 | 3-1/2 |
| Earthway® Drop | 3 | 9 | 10 |
| Earthway 10' Rotary | 3 | 11 | 12 |
| Gandy® Turf Tender 24" | 3 | 16 | 19 |
| Gandy Turf Tender 42" | 3 | 21 | 23 |
| Lely® | 4.5 | 3.5 | - |
| Lesco® Model 6000 | 3 | B 1/2 | C |
| PSB Prizelawn® CBR-II | 3 | 3-1/4 | 3-1/2 |
| Scott's® Proturf R-8A | 3 | H | I |
| Scott's Proturf SR-1 | 3 | H | I |
| Scott's PF-1, PF-2, PF-3, PF-4 Drop | 3 | 4 | 4-1/2 |
| Scott's SS-1 Drop | 3 | 4 | 4-1/2 |
| Spyker® Model 34 | 3 | 3.1 | 3.2 |
| Vicon Model PS-203 | 4.5 | 13 | 16 |

APPLICATION TO TURFGRASS

NOTE: Malice 0.5G may NOT be used on commercial sod farms or grass grown for seed.

Malice 0.5G will control soil-inhabiting pests in turfgrass on sites such as home lawns, business and office complexes, shopping complexes, multi-family residential complexes, golf courses, airports, cemeteries, parks, playgrounds, and athletic fields.

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. Applications may be made preceding the egg laying activity of the target pests and high levels of control may be achieved when applications are made proceeding or during the egg laying period. Consult your local State Agricultural Experiment Station or State Extension Turf Specialist for more specific information regarding timing of application.

For best results, make applications prior to egg hatch of the target pests, followed by sufficient irrigation or rainfall to move the active ingredient through the thatch. The treated turf must be in such a condition that the rainfall or irrigation will penetrate vertically in the soil profile. On golf courses, irrigate treated areas following application.

NOTE: Avoid mowing turf or lawn area until after irrigation or rainfall has occurred so that uniformity of application will not be affected.

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EPA REG. NO. 34704-960

RECOMMENDED RATES AND INSTRUCTIONS FOR TURF APPLICATIONS

| Pest | Application Rate | Specific Instruction |
|--|--|---|
| Larvae of: Annual bluegrass weevil Asiatic garden beetle Billbugs Black turfgrass ataenius Cutworms (suppression) European chafer European crane fly Green June beetle Japanese beetle May or June beetle Northern masked chafer Oriental beetle Southern masked chafer | 50 to 80 lbs. per acre or 1.2 to 1.8 lbs. per 1,000 sq. ft. | Apply prior to egg hatch for optimum control of grubs, billbugs, European crane fly and annual bluegrass weevil. Be sure to read the "Application Equipment" section of this label under "GENERAL INFORMATION" above. |
| Chinchbugs (suppression) Mole crickets | 80 lbs. per acre or 1.8 lbs. per 1,000 sq. ft. | Apply prior to the hatching of the first instar nymphs for suppression of chinchbugs. For control of mole crickets, apply prior to or during the peak egg hatch period. Malice 0.5G applications should be accompanied by a curative insecticide when adults or large nymphs are present and actively tunneling. |

APPLICATION TO ORNAMENTALS

NOTE: Malice 0.5G may NOT be used in commercial greenhouses or nurseries.

Malice 0.5G can be applied as a broadcast application on ornamentals intended for aesthetic purposes or climatic modification in commercial and residential landscapes such as interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

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. Applications may be made preceding the egg laying activity of the target pests and high levels of control may be achieved when applications are made proceeding or during the egg laying period. Consult your local State Agricultural Experiment Station or State Extension Turf Specialist for more specific information regarding timing of application.

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EPA REG. NO. 34704-960

RECOMMENDED RATES AND INSTRUCTIONS FOR ORNAMENTAL APPLICATIONS

| Pest | Application Rate | Specific Instructions |
|--|-----------------------------------|---|
| White Grub Larvae: (such as Japanese beetle larvae, Chafers, <i>Phyllophaga</i> spp., Asiatic garden beetle, Oriental beetle, etc.) | 1.4 to 1.8 lbs. per 1,000 sq. ft. | Apply as a broadcast treatment. Prior to application, remove black plastic or other weed barrier material that will not permit water permeability. For optimum control, mechanical incorporation, irrigation or rainfall should occur within 24 hours after application to move the active ingredient into soil. Be sure to read the "Application Equipment" section of this label under "GENERAL INFORMATION" above. |

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry place in original container and out of the reach of children, preferably in a locked storage area.

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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE

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