



BAYER
ADVANCED

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. SE,
Calgary, Alberta T2C 3G3
Telephone: 1-888-283-6847
www.bayeres.ca



CAUTION

POISON

EYE IRRITANT

GUARANTEE: Imidacloprid 0.25%

REGISTRATION NUMBER: 29738 PEST CONTROL PRODUCTS ACT

NET CONTENTS:

2 KG

Merit[®]

Insecticide

GROUP 4 INSECTICIDE

GRANULAR

**For control of the listed species of
white grub in residential turfgrass**

DOMESTIC

MERIT[®] is a registered trademark of Bayer.

**READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN**



CA80965397A
130325 04/13

NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

THE PRODUCT

MERIT INSECTICIDE can be used for the control of soil inhabiting larvae of European chafer beetle, Japanese beetle, and Black Turfgrass Ataenius beetle and for the suppression of European crane fly larvae (leatherjackets). MERIT INSECTICIDE can be used as directed on residential turfgrass including lawns around shrubs and trees.

QUICK FACTS

Easy-to-use granules that control the listed pests before they damage your lawn.

PESTS	For control of certain species of white grubs (larvae of European chafer, Japanese beetle and Black Turfgrass Ataenius). Also suppresses European crane fly larvae (leatherjackets).
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COVERAGE	2 Kg jug covers 179 m ² (1925 sq. Ft.)
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WHERE TO USE	Turfgrass including lawns around shrubs and trees
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WHEN TO USE	May through mid-August (late summer to mid-fall for European crane fly larvae). See direction for Use.
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HOW MUCH TO USE	See Spreader Settings
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Questions or comments, Call toll-free 1-888-283-6847 or visit www.bayeres.ca

PRECAUTIONS

Dust may cause coughing, sneezing or watering of eyes, and aggravate respiratory conditions. Wearing of a dust mask during mixing, loading and applying of product is recommended.

KEEP OUT OF THE REACH OF CHILDREN

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.

FIRST AID

If swallowed	<ul style="list-style-type: none">• Call poison center or doctor immediately for treatment advice.• Do not induce vomiting unless told to do so by the poison control center or doctor.• Do not give any liquid to the person• 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.
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.• Call a poison control center or doctor for further treatment advice.

TAKE CONTAINER, LABEL OR PRODUCT NAME AND PEST CONTROL PRODUCT REGISTRATION NUMBER WITH YOU WHEN SEEKING MEDICAL ATTENTION.

TOXICOLOGICAL INFORMATION

No specific antidote is available. Treat the patient symptomatically.

ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate aquatic systems through disposal of waste or cleaning equipment.

TOXIC to birds.

TOXIC to bees. Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from granule application.

STORAGE

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

DISPOSAL

Do not reuse this container. Place in trash or offer for recycling if available.

For information on disposal of unused, unwanted product, contact the manufacturer or provincial regulatory agency.

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

DIRECTIONS FOR USE

Read these entire DIRECTIONS FOR USE before using MERIT INSECTICIDE

BEFORE YOU USE	<ul style="list-style-type: none">• Do not apply the product near fish pools, ponds, streams or lakes.• Do not use in vegetable gardens. <p>This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of MERIT Insecticide in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.</p>
FOR CONTROL OF THE LARVAL STAGES OF: EUROPEAN CHAFER, JAPANESE BEETLE, BLACK TURFGRASS ATAENIUS BEETLE	<p>The larvae cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown, and dies. Larvae chew off roots so that the grass is easily pulled up in pieces with your hands. You can roll it back like a carpet to reveal the larvae. If patches of dead grass appeared in your lawn late last summer, check for larvae.</p> <p><u>When to apply:</u> Apply once anytime from May through mid-August. Applications should be made prior to egg hatch of the target pest. The best time to apply MERIT INSECTICIDE is at the peak time of adult flights at the beginning of or during the egg-laying period. Contact your local Agricultural (Horticultural) advisor for the best application timing of this product in your area.</p>
FOR THE SUPPRESSION OF THE LARVAL STAGES OF: EUROPEAN CRANE FLY	<p>European Crane Fly Larvae often cause damage by feeding on roots and disrupting the soil surface.</p> <p><u>When to apply:</u> Apply when adult crane flies take flight in <u>August and September and begin laying</u> eggs. If MERIT INSECTICIDE was applied to a turfgrass area earlier in the summer season for Japanese beetle, European chafer or Black turfgrass ateanius, DO NOT REAPPLY for leatherjacket suppression in the same year.</p>
WHERE TO APPLY	Turfgrass including lawns around shrubs and trees.

<p>HOW TO APPLY</p>	<ul style="list-style-type: none"> • Apply MERIT INSECTICIDE ONLY ONCE per year as directed by this label. • The need for an application can be based on monitoring of the site, previous records or experiences, current season adult trapping or other methods. • Adjust spreader to deliver 11.2 g product/m² (see Spreader Settings). • To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the centre. Make parallel passes, walking at a steady pace to ensure even distribution of the granules. • The granules must be watered immediately after application (within 1 hour) by sufficient irrigation (5-10 mm) to ensure the active moves through the thatch. Avoid overwatering (more than 20 mm). Avoid runoff or puddling of irrigation water following application. • Avoid application of MERIT INSECTICIDE to turfgrass areas which are waterlogged or saturated, which will not allow penetration of the active ingredient into the plant zone and will decrease the effectiveness of the product. • Ensure granules are removed from hard surfaces (for example, driveways).
<p>FOR BEST RESULTS</p>	<ul style="list-style-type: none"> • Apply early before larvae hatch. • Do not mow until the granules are watered into the soil.
<p>HOW IT WORKS</p>	<p>After MERIT INSECTICIDE is watered in, a protective zone is formed in the soil. If applied before larvae hatch, this product controls certain species of white grubs (larvae of European chafer beetle, Japanese beetle and Black Turfgrass Ataenius beetle). Also can suppress larvae of European Crane Fly larvae.</p>

SPREADER SETTINGS

If your spreader is not listed, please call our Consumer Service Hotline toll-free (1-888-283-6847) for help.

Rate: 1.12Kg per 100m²

BROADCAST SPREADERS	1.12Kg per 100m²	Distance Between Passes
Model (<i>ART: Broadcast spreader</i>)	SETTING	(m)
SCOTTS BASIC	5	1.8
SCOTTS STANDARD	4¾	1.8
SCOTTS DELUXE EDGE GUARD	5¼	1.8
VIGORO 10000	6½	2.4
VIGORO 50000	4½	2.4
DROP SPREADERS	1.12Kg per 100m²	Distance Between Passes
Model (<i>ART: Drop spreader</i>)	SETTING	(m)
SCOTTS ACCUGREEN 1000	8½	N/A
SCOTTS ACCUGREEN 2000	8¼	N/A
SCOTTS ACCUGREEN 3000	6¼	N/A

Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application.

Calibrate your spreader according to manufacturer's directions.

Tip: 100m² = 10m x 10m

Do not use a spreader that applies granules in narrow, concentrated or uneven bands. Be sure the spreader works properly and spreads granules evenly.

RE-ENTRY



Children and pets may re-enter after the treated area has been watered and allowed to dry.

WARRANTY

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

130325

Bayer



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FIRST AID: If swallowed: Call poison center or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give any liquid to the person. 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. **If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

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PRESS TO RESEAL

