

**GROUP 28 INSECTICIDE**

## **ACELEPRYN® G Insecticide**

COMMERCIAL

GRANULAR

For use on turfgrass for control of annual bluegrass weevil, black cutworm, bluegrass billbugs, fall armyworm, sod webworm, chinch bug (suppression), larvae of black turfgrass ataenius, European chafer, European crane fly, Japanese beetle and June beetle, and for use on greenhouse and outdoor ornamentals for Japanese beetle larvae control.

**ACTIVE INGREDIENT:**

Chlorantraniliprole.....0.2%

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

**WARNING: CONTAINS ALLERGEN MILK**

REGISTRATION NUMBER: **33498**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **10 to 25 kg**

**Syngenta Canada Inc.**  
140 Research Lane, Research Park  
Guelph, Ontario N1G 4Z3  
Telephone: 1-877-964-3682

Label

## 1.0 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.

## 2.0 FIRST AID

**IN CASE OF POISONING**, contact a doctor or a poison control centre **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**If swallowed**, call a poison control centre 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 centre 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 centre 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 centre or doctor for further 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 centre or doctor for treatment advice.

## 3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

## 4.0 PRECAUTIONS

### **KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.**

Avoid inhalation of vapours/dust and spray mist, and working in spray mist.

Apply only when the potential for drift to areas of human habitation or activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

Read and follow all tank mix partner labels and observe the most stringent label restrictions, precautions and instructions for each tank mixture.

**DO NOT** enter or allow worker entry into the treated area until granules are thoroughly watered-in and the treated soil has dried.

**DO NOT apply using aerial application equipment.**

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

**5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during loading, application, cleanup and repair.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash splashes from skin IMMEDIATELY with plenty of water. Remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. As soon as possible, wash thoroughly and change into clean clothing. After spraying, wash hands and shower thoroughly with soap and water.

Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

Users should wash hands and exposed skin before eating, drinking, chewing gum, using tobacco, applying cosmetics or using the toilet.

While using product, do not eat, drink or use tobacco (including smoking).

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

Wear freshly laundered clothes daily.

Do not wear contaminated shoes.

Store and wash all protective clothing separately from household laundry.

**6.0 ENVIRONMENTAL HAZARDS**

- Toxic to aquatic organisms.
- Toxic to certain beneficial insects. Minimize spray drift to reduce harmful effects on beneficial insects in habitats next to the application site such as hedgerows and woodland.
- Chlorantraniliprole is persistent and may carryover. It is recommended that any products containing chlorantraniliprole not be used in areas treated with this product during the previous season.
- The use of this chemical may result in contamination of groundwater particularly in areas where soil is permeable (e.g. sandy soil) and/or the depth to the water table is shallow.
- To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a

vegetative strip between the treated area and the edge of the water body.

**DO NOT** apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), estuarine/marine habitats. **DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## 7.0 STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated secure area away from other pesticides, feed, foodstuffs, beverages and tobacco, and out of the reach of children, unauthorized persons and animals. To prevent contamination store this product away from seed, food, feed or fertilizer.

Not for use or storage in or around the home.

## 8.0 SPILL CLEANUP

Wear appropriate protective equipment when attempting to clean up the spill. If the container is leaking, secure leak and place the container into a drum or heavy gauge plastic bag. Contact Syngenta Canada Inc. (See EMERGENCY NUMBER) for further information.

For spills and leaks - contain the granules with dikes of inert material (soil, clay, kitty litter, etc.). Shovel into a sealable waste container.

On hard surfaces – Use a coarse broom to sweep or shovel into the waste container. Dispose of all waste, including broom, in accordance with provincial requirements.

On soil - remove the top 15 cm of soil in the spill area and replace with fresh soil. Dispose of all waste in accordance with provincial requirements. For more information on the disposal of waste and the clean-up of spills, contact the provincial regulatory agency and the manufacturer.

## 9.0 DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

### **For Recyclable Containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

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**For Refillable Containers:**

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

**For Bags:**

1. Empty bag thoroughly.
2. Make the empty bag unsuitable for further use.
3. Dispose of the bag in accordance with provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,  
CALL 1-800-327-8633 (FASTMED)***

ACELEPRYN® is a trademark of a Syngenta Group Company.

<b>GROUP</b>	<b>28</b>	<b>INSECTICIDE</b>
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Pamphlet

## Table of Contents

	<u>Section Number</u>
NOTICE TO USER .....	1.0
FIRST AID .....	2.0
TOXICOLOGICAL INFORMATION .....	3.0
PRECAUTIONS.....	4.0
PERSONAL PROTECTIVE EQUIPMENT (PPE) .....	5.0
ENVIRONMENTAL HAZARDS .....	6.0
STORAGE .....	7.0
SPILL CLEANUP .....	8.0
DISPOSAL .....	9.0
PRODUCT INFORMATION .....	10.0
DIRECTIONS FOR USE .....	11.0
General Information .....	11.1
Ground Application .....	11.2
CROP USE DIRECTIONS .....	12.0
MINOR USES .....	13.0
RESISTANCE MANAGEMENT .....	14.0

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## 7.0 STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated secure area away from other pesticides, feed, foodstuffs, beverages and tobacco, and out of the reach of children, unauthorized persons and animals. To prevent contamination store this product away from seed, food, feed or fertilizer.

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CALL 1-800-327-8633 (FASTMED)***

**10.0 PRODUCT INFORMATION**

ACELEPRYN® G Insecticide is a granular formulation for control of annual bluegrass weevil, chinch bug (suppression), fall armyworm, bluegrass billbug, black cutworm, sod webworm, larvae of black turfgrass ataenius, European chafer, European crane fly, Japanese beetle and June beetle. ACELEPRYN G Insecticide may be applied to turfgrass in sites such as sod farms, golf courses, parks and recreational areas, home and residential lawns, industrial and commercial lawns, airports and cemeteries.

ACELEPRYN G Insecticide may be applied for use on greenhouse and outdoor ornamentals for Japanese beetle larvae control.

**11.0 DIRECTIONS FOR USE****11.1 General Information**

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

**11.2 Ground Application**

Apply ACELEPRYN G with drop-type, rotary-type or hand-held application equipment. The application equipment must be properly calibrated according to the manufacturer's directions to ensure uniform coverage over the treated area. During application, check equipment periodically to confirm that it is working properly and that the granules are being uniformly distributed.

**12.0 CROP USE DIRECTIONS**

<b>TURF</b>	
<b>PEST</b>	<b>Annual bluegrass weevil</b>
<b>PRODUCT RATE (kg/ha)</b>	88-112.5
<b>APPLICATION TIMING</b>	ACELEPRYN G Insecticide should be applied when overwintered adult annual bluegrass weevils are observed in late April or early May to prevent damage from larvae in late-May and June. An application of ACELEPRYN G Insecticide at this time will also provide control of Japanese beetle, European chafer, June beetle, and Black turfgrass ataenius beetle larvae.
<b>PESTS</b>	<b>Bluegrass billbug</b> <b>Chinch bug suppression</b> <b>European crane fly larvae</b>
<b>PRODUCT RATE (kg/ha)</b>	58-112.5
<b>APPLICATION TIMING</b>	<p>Apply ACELEPRYN G Insecticide when overwintered adult bluegrass billbugs are first observed. This will usually occur in late April or early May in regions with cool-season turfgrasses. An application of ACELEPRYN G Insecticide at this time will also provide control of Japanese beetle, European chafer, June beetle, and Black turfgrass ataenius beetle larvae. The higher labelled rate may be required for applications made after early May or when billbug species other than bluegrass billbug are present.</p> <p>For suppression of chinch bugs, apply ACELEPRYN G Insecticide before eggs hatch.</p> <p>Apply ACELEPRYN G Insecticide between September and November to control European crane fly larvae in turfgrass. The higher labelled rate may be required to achieve control when applications are made in late fall.</p>

<b>TURF</b>	
<b>PESTS</b>	<b>Fall armyworm</b> <b>Black cutworm</b> <b>Sod webworm</b>
<b>PRODUCT RATE (kg/ha)</b>	14.5-29
<b>APPLICATION TIMING</b>	ACELEPRYN G Insecticide will provide curative control of Fall armyworm, black cutworm and sod webworm in turfgrass. The higher labelled rate may be required during periods of high pest pressure.
<b>PESTS</b>	<b>Black turfgrass ataenius larvae</b> <b>European chafer larvae</b> <b>Japanese beetle larvae</b> <b>June beetle larvae</b>
<b>PRODUCT RATE (kg/ha)</b>	56-88
<b>APPLICATION TIMING</b>	Apply ACELEPRYN G Insecticide from early April to early September for preventative and early curative control of Japanese beetle, European chafer, June beetle, and Black turfgrass ataenius beetle larvae. The need for an application may be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods. The higher labelled rate may be required in late August or early September when less sensitive mid-instar larvae are present at the time of application. Irrigate turf immediately after application or allow rainfall to move the product into the soil.
<b>APPLICATION METHOD</b>	Granular broadcast
<b>NOTES</b>	<p>Do not apply more than 112.5 kg of product per hectare per year (225 g ai per hectare per year) in broadcast applications to turfgrass. Wait a minimum of 7 days to retreat.</p> <p>Do not apply ACELEPRYN G to soil saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition. Optimal results will be achieved if the product is irrigated into the turf immediately after application.</p> <p>Apply ACELEPRYN G with drop-type, rotary-type or hand-held application equipment. The application equipment must be properly calibrated according to the manufacturer's directions to ensure uniform coverage over the treated area. During application, check equipment periodically to confirm that it is working properly and that the granules are being uniformly distributed.</p>

### 13.0 MINOR USES

**NOTE TO USER:** READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR SPECIAL USE APPLICATIONS:

The DIRECTIONS FOR USE for this product for the use(s) described below were developed by persons other than Syngenta Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crop(s) listed below.

Accordingly, the Buyer and User assume all risks related to performance and crop tolerance arising, and agree to hold Syngenta Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the use(s) described below.

<b>ORNAMENTALS (Greenhouse and Outdoor)</b>	
<b>CONTAINER AND FIELD APPLICATION</b>	
<b>INSECTS</b>	<b>Japanese beetle larvae</b>
<b>PRODUCT RATE</b>	56 to 88 kg per ha Or 560 to 880 g per 100 m <sup>2</sup>  Apply ACELEPRYN G as a granular broadcast on growing media or soil and follow with sufficient water to achieve good penetration of the growing media or soil.
<b>APPLICATION METHOD</b>	Granular broadcast
<b>APPLICATION INTERVAL</b>	7-14 days
<b>MAXIMUM APPLICATIONS OF PRODUCT PER GROWING CYCLE</b>	1 application per production cycle at the high rate or 2 applications per production cycle at the low rate
<b>APPLICATION DIRECTIONS</b>	For maximum residual effectiveness or for optimal control of large pest infestations, ACELEPRYN G may be applied up to 112 kg of product per hectare per year (224 g ai per hectare per year).  Plant safety has been found to be acceptable for many ornamental plants, however, not all possible plant species and varieties have been tested under all conditions. It is recommended to test ACELEPRYN G Insecticide on a small portion of the crop to ensure that a phytotoxic response will not occur.  Before application, remove black plastic or other weed barrier materials that are impermeable to water.

### 14.0 RESISTANCE MANAGEMENT

For resistance management, ACELEPRYN G contains a Group 28 insecticide. Any insect population may contain individuals naturally resistant to ACELEPRYN G and other Group 28 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism,

may also exist. Appropriate resistance-management strategies should be followed.

**To delay insecticide resistance:**

Where possible, rotate the use of ACELEPRYN G or other Group 28 insecticides with different groups that control the same pests in a field.

Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.

Insecticide use should be based on an integrated pest management program that includes scouting and record keeping, and considers cultural, biological and other chemical control practices.

Monitor treated pest populations for resistance development.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information and to report suspected resistance, contact Syngenta Canada Inc. company representatives at 1-877-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

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