

25-MAR-2002

GROUP 1B INSECTICIDE

## BASUDIN® 5G

INSECTICIDE

COMMERCIAL

FORMULATION OF DIAZINON

Granules for control of turf insects, white grub suppression

**GUARANTEE:**

Diazinon ..... 5%

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

CAUTION



POISON

REGISTRATION NO.: **10978**  
PEST CONTROL PRODUCTS ACT

NET WEIGHT: **25 kg**

**Syngenta Crop Protection Canada, Inc.**  
140 Research Lane  
Research Park, University of Guelph  
Guelph, Ontario  
N1G 4Z3

Notification Change

Bag label

---

## NOTICE TO USER

This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

## NOTICE TO BUYER

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

## FIRST AID

**IN CASE OF POISONING**, contact a physician 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**, induce vomiting by giving one dose (15 mL) of syrup of ipecac. If the patient does not vomit within 20 minutes, give a second dose. If syrup of ipecac is not available, give the patient one to two glasses of water and cause vomiting by inserting a finger down the throat. Repeat with water until vomit fluid is clear. The patient should be lying down with the head below the level of the feet. **DO NOT TRY TO CAUSE VOMITING IF THE PATIENT IS UNCONSCIOUS OR IN A CONVULSIVE STATE.** Call a doctor or Poison Control Centre.

**If in eyes**, immediately rinse with a large amount of running water, and call doctor.

**If on skin**, wash with plenty of soap and water, and call a doctor. Remove contaminated clothing and wash before reusing.

**If inhaled**, move from contaminated area to fresh air and apply artificial respiration, if necessary.

## TOXICOLOGICAL INFORMATION:

Stomach lavage. Diazinon is a cholinesterase inhibitor. Antidote: atropine sulphate at 1 - 2 milligrams every 15 minutes may be necessary.

## PRECAUTIONS:

**KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.** Do not use on humans, pets, livestock. May be fatal if swallowed. Do not get into eyes. Avoid contact with skin and inhalation of dust. Wash thoroughly after handling. Use only as recommended on the label. Do not re-use container

When applying to lawns/turf, wear coveralls over work clothes and chemical resistant gloves during mixing, loading, application and irrigation and clean-up activities. Wear a dust mask during loading activities.

---

Do not re-enter treated/turf for 24 hours following application and irrigation (except golf courses and sod farms). Warning signs must be posted advising people to keep off treated areas for 24 hours following application and irrigation.

### **FISH & WILDLIFE CAUTION:**

This product is toxic to birds, fish and wildlife including waterfowl. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds. Birds and waterfowl feeding or drinking on treated areas may be killed. Do not apply where waterfowl are expected to inhabit the area or where there are resident populations of waterfowl. Do not exceed maximum permitted label rates. Use of rates above those recommended, will significantly increase potential hazards to birds and waterfowl. Avoid overlapping of sprays. Irrigation (watering) is recommended, applying a minimum of 0.7 cm (0.25 inches) of water immediately after application to reduce the hazard to birds. Stop irrigation when puddling occurs.

### **Toxic to Bees:**

Avoid spraying open flowers.

### **DECONTAMINATION AND 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.

### **PRODUCT DECONTAMINATION AND DISPOSAL**

1. Empty bag thoroughly into spray tank.
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)***

### **DIRECTIONS FOR USE**

<b>PESTS</b>	<b>Type of Treatment</b>	<b>Rate</b>	<b>Comments</b>
Ants	Spot treatment only	3 g ant hill or (1 teaspoon)	For spot treatment only in areas of infestation
Sod webworms Sowbugs, Pillbugs, Collembola (Springtails)	Spot treatment only	7.5-15 g/m <sup>2</sup>	For spot treatment only in areas of infestation
Chinch Bugs	Spot treatment only	20 g/m <sup>2</sup>	For spot treatment only in areas of infestation. Water lightly before and after application.
Earwigs	Spot treatment only	20 g/m <sup>2</sup>	For spot treatment only in areas of infestation.

PESTS	Type of Treatment	Rate	Comments
White grubs (such as European chafer and Japanese beetle larvae)	Surface treatment for suppression	900 g/ 100m <sup>2</sup>	Apply when sampling indicates that white grub larvae are actively feeding on roots. Thoroughly irrigate after treatment. Do not use in areas where the thatch is more than 3 cm thick.

## Resistance-Management Recommendations

For resistance management, please note that BASUDIN 5G Insecticide contains a Group 1B insecticide. Any insect population may contain individuals naturally resistant to BASUDIN 5G Insecticide and other Group 1B insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same field. 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 BASUDIN 5G Insecticide or other Group 1B insecticides with different groups that control the same pests in a field.

Avoid application of more than the maximum number listed in the label and consecutive sprays of BASUDIN 5G Insecticide or other insecticides in the same group in a season.

Use tank mixtures with insecticides from a different group when such use is permitted.

Insecticide use should be based on an IPM program that includes scouting, 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 or to report suspected resistance, contact company representatives at 1-800-459-2422 (in Eastern Canada) or 1-800-665-9250 (in Western Canada) or at [www.syngenta.ca](http://www.syngenta.ca).

\*\*\*\*\*

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

+) )