

[[LABEL]]

GROUP	<b>4</b>	FUNGICIDE
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### SUBDUE® 2G

FUNGICIDE

AGRICULTURAL

Systemic fungicide for the control of Damping-Off and Root and Stem Rot diseases in ornamental plants grown in greenhouses.

**GUARANTEE:**

Metalaxyl.....2%

**READ THE LABEL BEFORE USING**

REGISTRATION NO.: **18818**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 kg or 11.34 kg**

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

Notification Change

**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 spilled on skin**, wash off immediately with soap and water.

**If in eyes**, flush with plenty of water. If irritation occurs, seek medical attention or contact a poison control centre.

**If swallowed**, drink 1 or 2 glasses of water and induce vomiting by inserting finger down the throat. **GET MEDICAL ATTENTION OR CONTACT A POISON CONTROL CENTRE.**

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. Avoid inhalation of dust. Avoid contact with skin and eyes. Do not eat, drink or smoke while loading applicator or during application. Change clothing after use. Wash with soap and water after use. Do not contaminate streams, lakes, ponds, irrigation water, water used for livestock or domestic purposes by cleaning of equipment or disposal of wastes. In order to minimize risk to the environment from the use of this product do not use on coarse textured gravelly soils, soils with less than 2% organic matter, or in areas where the water table may be high.

**DECONTAMINATION AND DISPOSAL:**

1. Empty container thoroughly.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, and the cleanup of spills, contact the provincial regulatory agency or the manufacturer.

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

**GENERAL INFORMATION:**

SUBDUE®2G is a systemic fungicide for the control of damping-off and root and stem rot diseases in ornamental plants grown in greenhouses. SUBDUE 2G moves into the soil and is readily absorbed through the roots of plants. This provides protection against phythium and phytophthora diseases found in greenhouse soil mixtures.

**USE LIMITATIONS:**

Experience has shown that strains of fungi resistant to metalaxyl may develop. Failure to control the disease will result in crop damage and/or yield losses. Since the occurrence of resistance cannot be foreseen, Syngenta Crop Protection Canada, Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of SUBDUE 2G to control the resistant fungi strains.

If disease appears in the field, consult the Government Disease Specialist immediately.

**DIRECTIONS FOR USE:**

Use SUBDUE 2G on container or bench-grown ornamentals in greenhouses for control of damping-off and root and stem rot diseases caused by Pythium and Phytophthora. Use SUBDUE 2G either as a broadcast soil treatment or soil mix on ornamentals at time of seeding and transplanting.

**ORNAMENTALS:**

SOIL APPLICATION: (Soil 5.0 - 7.5 cm deep)

Broadcast 125 - 250 grams per 100 square metres of bed area. Water in thoroughly with 500 L of water per 100 square meters.

AT TRANSPLANTING: (Soil 5.0 - 7.5 cm deep)

Mix 250 - 1,000 grams per 100 square metres of bed area. Water in thoroughly with 500L of water per 100 square metres. Repeat applications at 1 - 2 month intervals if necessary. Do not apply rates of 750 - 1,000 grams more often than once every 6 weeks.

SOIL MIX AT SEEDING AND AT TRANSPLANTING:

Thoroughly mix 125 grams with each cubic metre of soil mixture.

**COMPATIBILITY:**

SUBDUE 2G SHOULD NOT BE MIXED WITH ANY NEMATOCIDE, INSECTICIDE, HERBICIDE, FUNGICIDE, GROWTH REGULATOR, OR FERTILIZER.

**Resistance Management Recommendations**

For resistance management, SUGDUE 2G Fungicide contains a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to SUGDUE 2G Fungicide and other Group 4 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay fungicide resistance:

- Where possible, rotate the use of SUGDUE 2G Fungicide or other Group 4 fungicides with different groups that control the same pathogens.
- Avoid application of more than the maximum number listed in the label and consecutive sprays of SUGDUE 2G Fungicide or other fungicides in the same group in a season.
- Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for sign of resistance development. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different target site of action, if available.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and disease 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).

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