# INITE (ATES ENVIRONMENTAL PROTECTION FINCY

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### U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Biopesticides and Pollution
Prevention Division (7511P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number: Date of Issuance:

84888-2

NOV 02 2010

NOTICE OF PESTICIDE:

x Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:

Nivalis

Name and Address of Registrant (include ZIP Code):

Amy P. Roberts

(U. S. Agent for Agrium Advanced Technologies RP Inc.)

Technology Sciences Group Incorporated

712 Fifth Street, Suite A

Davis, CA 95616

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Rollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always, refer to the above EPA registration; numbers

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines, at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1. Submit/cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
- 2. Revise the EPA Reg. No. entry to read, "84888-2."
- 3. Submit within one year after the date of registration acceptable data for the guideline studies: Storage Stability (OCSPP 830.6317) and Corrosion Characteristics (OCSPP 830.6320) for this product.
- 4. Submit two (2) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

	Signature of Approving Official: W, Michael MC Date: NOV 0 2 2010											
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EPA	EPA Form	320-1A (1/90)	10/2	3/10	1	Printed on Recyc	led Paper				OFFICIA	L FILE COPY

## **NIVALIS**

## A Biofungicide for Use on Golf Course Turf



# **ACCEPTED**

NOV 0 2 2010

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 84882-2

## , or organic anni or

**ACTIVE INGREDIENT:** 

 Typhula phacorrhiza strain # 94671\*
 4.00%

 OTHER INGREDIENT:
 96.00%

 TOTAL:
 100.00%

\*Contains a minimum of 181,600 colony forming units (CFU)/pound. (One product granule is equivalent to one CFU.)

# CAUTION

FIRST AID						
If inhaled	<ul> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>					
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>					

#### **HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For emergency information on NIVALIS call the National Pesticide Information Center at 1-800-858-7378, 6:30 AM to 4:30 PM Pacific Standard Time (PST) seven days a week. During other times, you may contact the poison control center at 1-800-222-1222.

See (back) (side) panel for additional precautionary statements.

EPA Reg. No.: (pending as File Symbol 84888-15)

**EPA Establishment No.: XXXXX-XX-XX** 

(Batch No. / Lot No.: XXX)

Manufactured for:

Agrium Advanced Technologies 10 Craig Street Brantford, Ontario, Canada N3R 7J1 Net Weight: 55 lbs

#### PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals – CAUTION: Harmful if inhaled. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with eyes or clothing. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Mixer/loaders and applicators must wear a dust/mist-filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate.

#### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product through any type of irrigation system. Do not apply by air.

**NIVALIS** is for use on golf course turf where continuous snow cover persists for 90 days or more. **NIVALIS** is for the control of grey snow mold (*Typhula ishikariensis* and *Typhula incarnata*) and pink snow mold (*Microdochium nivale*). **NIVALIS** can be used on creeping bentgrass, Kentucky bluegrass, annual bluegrass, perennial ryegrass and other common species of golf course turfgrass.

**Application Rate:** Use a drop or broadcast spreader. Apply 10.5 lbs/500 ft<sup>2</sup> of **NIVALIS** to golf course fairways. Apply 51.50 lbs/500 ft<sup>2</sup> of **NIVALIS** for golf course greens and tees. Do not use water. Do not use application equipment contaminated with chemicals likely to be harmful to the active ingredient fungus in this product.

Site	Application Rate
Golf course fairways	10.5 lbs/500 ft <sup>2</sup>
Golf course greens and tees	51.50 lbs/500 ft <sup>2</sup>

**Application Timing:** Apply a single application of **NIVALIS** after the last mowing and before snowfall. Do not apply within 2 weeks of fungicide applications.

**Integrated Pest Management:** The use of turf fungicides does not interfere with the efficacy of **NIVALIS**. However, do not apply **NIVALIS** in combination with any pesticides or within 2 weeks of fungicide application.

### STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry place at or below 39°F (4°C). Store in original container only. Keep container tightly closed when not in use.

**Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling:** 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. Then 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.

#### **CONDITIONS OF SALE AND WARRANTY**

Read the entire label of this product before its application and use.

#### LIMITATION OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions of Sale and Warranty and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Agrium Advanced Technologies. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, Agrium Advanced Technologies, Inc. makes no other warranties, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Agrium Advanced Technologies is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Agrium Advanced Technologies disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, the exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid or at Agrium Advanced Technologies' election, the replacement of product.