

Reg # 45639-157

PM-21

File
195



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 4 1994

Kenneth W. Chisholm
NOR-AM CHEMICAL CO.
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

**Subject: Label Amendment Submission of 10/20/93 in Response to PR Notice 93-7
EPA Reg. No. 45639-157
FOLISTAR 50WP**

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is **accepted**. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

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Page 2

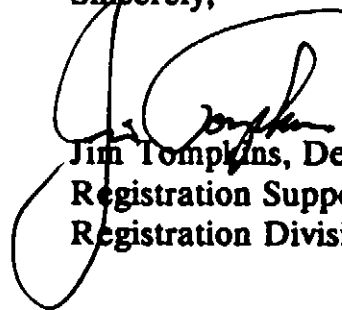
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

ACCEPTED
with COMMENTS
In EPA Letter Dated
MAR 4 1994

Under the Federal Insecticide,
Fungicide and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
45639-157

FoliStar™ 50WP

FUNGICIDE

For Indoor Use On Greenhouse and Container-Grown Ornamentals

ACTIVE INGREDIENT:

N-[3-(1-methylethoxy) phenyl]-2-(trifluoromethyl) benzamide 50.3%

INERT INGREDIENTS:

TOTAL 100.0%

EPA Reg. No. 45639-157

EPA Est. No. 477-MD-0015

KEEP OUT OF REACH OF CHILDREN

CAUTION

STATEMENT OF PRACTICAL TREATMENT

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

NOR-AM
NOR-AM CHEMICAL COMPANY
A Division of Nihon Nohyaku Co., Ltd.

AGRIBUSINESS DIVISION
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19806

NET CONTENTS:

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

CAUTION

Causes moderate eye irritation. Harmful if absorbed through the skin. AVOID contact with eyes, skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:

- ☐ Long-sleeved shirt and long pants
- ☐ Waterproof gloves
- ☐ Shoes plus socks

USER SAFETY RECOMMENDATIONS

Do not eat, drink, smoke, or chew gum or tobacco while handling this product and until hands and face are thoroughly washed with soap and water. Do not use the toilet before thoroughly washing hands.

If this product penetrated through your clothing or personal protective equipment, stop handling this product immediately, remove the clothing and equipment, wash your body thoroughly, and put on clean clothing and equipment before resuming the handling activity.

After handling this product, remove personal protective equipment immediately. Wash the outside of gloves before taking them off. Shower or wash thoroughly and change into clean clothing as soon as possible.

Discard clothing and personal protective equipment that cannot be reused, including clothing and other absorbent materials that have been drenched or thoroughly contaminated with this product's concentrate. Otherwise, wash clothing and personal protective equipment (including both the inside and outside of gloves) before each day of reuse according to manufacturers directions or, if no such directions, in detergent and hot water. Keep and wash them separately from other laundry.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters.

IN CASE OF FIRE, LEAKY, OR DAMAGED CONTAINERS, OR OTHER EMERGENCY, REPORT AT ONCE BY TOLL-FREE TELEPHONE TO: 800-424-9300.

This labeling **MUST** be in possession of the user at the time of pesticide application.

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

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: TRIPLE RINSE (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency in your State responsible for pesticide regulation.

The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- ☐ Coveralls
- ☐ Gloves
- ☐ Shoes plus socks

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

GENERAL INFORMATION

FOLISTAR™ 50WP is a systemic fungicide with both preventive and curative properties that is active primarily against Basidiomycete pathogens including *Rhizoctonia* and *Sclerotium*. FOLISTAR 50WP has been used effectively on greenhouse and container-grown ornamentals.

FOLISTAR 50WP may be applied safely to specified flowering ornamental and foliage plants either as a foliar spray, soil drench or root dip application. FOLISTAR 50WP may be applied at planting or potting/transplanting or afterwards according to the specified interval in the dosage table below. If application is made to containerized soil, the soil should be watered within 24 hours after application to move the fungicide into contact with soil in immediate contact with the plant. If FOLISTAR 50WP is used curatively, it should be applied at the first sign of disease.

PLANT TOLERANCE

Tolerance of the following plants to FOLISTAR 50WP have been found to be acceptable: Boston fern, iris, Easter lily, and poinsettia. All varieties of a particular plant species have not been tested. It is recommended that the user evaluate phytotoxicity on a few plants prior to commercial use.

APPLICATION METHODS

Applications of FOLISTAR 50WP should be made only in greenhouse or indoor treatment rooms to the ornamental species and at the rates listed in the dosage table below. Use 50 mesh or larger screens. Treated plants or plant parts may be subsequently be grown indoors or outdoors.

Foliar Application

For indoor foliar applications, apply in sufficient volume to run-off. Use a spreader sticker to insure complete coverage.

Soil Application

For a soil drench of potted plants in nursery or greenhouse containerized soils of 4 inch depth or less, apply 100 gallons to 800–1000 sq. ft. (1 gallon to 8–10 sq. ft.). For containerized soil of more than 4 inches deep, apply 100 gallons to 400 sq. ft. (1 gallon to 4 sq. ft.)

For a broadcast application to soil prior to planting either in the greenhouse or in containers for outdoor use, apply in sufficient water to insure uniform coverage and thoroughly incorporate to insure contact with the corm, root, or bulb.

Bulb/Root Dip

For a bulb, root, or corm dip prior to planting, dip for a minimum of 5 minutes in the FOLISTAR 50WP solution. Use a sticking agent to improve adherence. Maintain good agitation. Use the highest recommended rate for dipping. Allow the treated plant part to dry prior to planting. Treated plant parts may be grown in a greenhouse or in a propagation field.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, disclaimer of warranties and limitations of liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, because of extreme weather and soil conditions, manner of use and other factors beyond NOR-AM Chemical Company's control, it is impossible for NOR-AM to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of NOR-AM Chemical Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. UNDER NO CIRCUMSTANCES SHALL NOR-AM CHEMICAL COMPANY BE LIABLE FOR ANY SPECIAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES, OR DAMAGE 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 NOR-AM'S ELECTION, THE REPLACEMENT OF PRODUCT.

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DOSAGE TABLE

DISEASE	ORNAMENTAL	PATHOGEN	APPLICATION			
			USE RATE	TYPE	NUMBER	INTERVAL
Aerial Blight	Boston Fern	<i>Rhizoctonia solani</i>	8–16 oz/100 gal	Foliar, run-off	1 or more	21 days
Crown Rot	Iris	<i>Sclerotium rolfsii</i>	4–8 oz/100 gal	Container, soil drench, bulb dip	1, at planting	N/A
Crown Rot	Easter Lily	<i>Sclerotium rolfsii</i>	4–8 oz/100 gal	Container, soil drench, bulb dip	1, at planting	N/A
Root Rot	Poinsettia	<i>Rhizoctonia solani</i>	4–8 oz/100 gal	Foliar, run-off or root dip	2	14 days