

86203-15

12/20/2013

1/7

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



OFFICE OF
CHEMICAL SAFETY AND
POLLUTION PREVENTION

DEC 20 2013

Mitsui Chemicals Agro, Inc.
1-5-2 Higashi-Shimbashi
Minato-ku
Tokyo 105-7117
JAPAN

U. S. Agent:
Landis International
P. O. Box 5126
Valdosta, GA 31603-5126
Attention: Ms. Lindsey Sorensen

Subject: Amended label adding pollinator protection language
Product Name: Dinotefuran 0.5% Ornamental and Vegetable RTU
EPA Reg. No. 86203-15
EPA Decision No. 483829
Submissions dated 9/25/2013, and 12/19/2013

Dear Ms. Sorensen:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. See 40 CFR 156.10(a)(6).

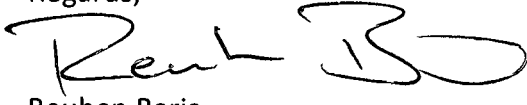
Under 40 CFR 152.130(d), EPA may establish dates by which all product distributed or sold by the registrant must bear revised labeling. The following paragraphs set forth the schedule for ensuring that that your product bears revised labeling within a reasonable time period.

- Any product released for shipment after 2/28/14 must bear the new label.

2/7

If these conditions are not complied with, EPA will take appropriate action against this registration. If you have any questions please contact Rita Kumar at 703-308-8291 or kumar.rita@epa.gov.

Regards,



Reuben Baris
Acting Product Manager 7
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

3/7

DINOTEFURAN 0.5% ORNAMENTAL AND VEGETABLE RTU

For control of listed sucking and chewing insects infesting outdoor ornamental plants and leafy vegetables.

- For outdoor use only
- Controls insects on ornamental plants and leafy vegetables
- Ready-to-Use
- Water-Based

Not for Use on Plants Grown for Sale or other Commercial Use

Active Ingredient:

Dinotefuran, N-methyl-N'-nitro-N'-[(tetrabhydro-3-furanyl)methyl]guanidine 0.5%

Other Ingredients..... 99.5%

Total: 100.00%

KEEP OUT OF REACH OF CHILDREN
See side panels for additional precautionary statements

EPA Reg. No. 86203-15

EPA Establishment No.67545-AZ-01

Net Contents: 1 quart, 1 gallon (946.4 mL, 3.8 L)

Lot Number:

Manufactured By:

MITSUI CHEMICALS AGRO, INC.	
Shiodome City Center 1-5-2 Higashi-Shimbashi Minato-ku, Tokyo 105-7117 JAPAN	P. O. Box 5126 Valdosta, GA 31603-5126 USA

**ACCEPTED
DEC 20 2013**

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for the
pesticide registered under:

EPA. Reg. No: 86203-15

4/7

PRECAUTIONARY STATEMENTS

Harmful if swallowed. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Do not dispose equipment washwaters or rinsate into a natural drain or water body.

This product is toxic to honey bees. The persistence of residues and potential residual toxicity of Dinotefuran in nectar and pollen suggests the possibility of chronic toxic risk to honey bee larvae and the eventual instability of the hive.

- This product is toxic to bees exposed to residue for more than 38 hours following treatment.
- Do not apply this product to blooming, pollen-shedding or nectar-producing parts of plants if bees may forage on the plants during this time period, unless the application is made in response to a public health emergency declared by appropriate state or federal authorities.

Dinotefuran and its degradate, MNG, have the properties and characteristics associated with chemicals detected in groundwater. The high water solubility of dinotefuran, and its degradate MNG, coupled with its very high mobility, and resistance to biodegradation indicates that this compound has a strong potential to leach to the subsurface under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination. Periodic monitoring of shallow groundwater in the use area is recommended.

PHYSICAL OR CHEMICAL HAZARDS

Do not store or use near heat or open flame. Do not use this product in or on electrical equipment due to the possibility of shock hazard.

PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators.

This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: <http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

DIRECTIONS FOR USE

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

READ ENTIRE LABEL, USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.



Do not apply DINOTEFURAN 0.5% ORNAMENTAL AND VEGETABLE RTU while bees are foraging. Do not apply DINOTEFURAN 0.5% ORNAMENTAL AND VEGETABLE RTU to plants that are flowering. Only apply after all flower petals have fallen off.

6/7

GENERAL INFORMATION

- Hold container upright. Do not spray up into the air. Turn sprayer nozzle to “on” position. Hold approximately 12 inches from surface to be sprayed. Squeeze trigger to spray until surface is slightly moist.
- Dinotefuran 0.5% Ornamental and Vegetable RTU will not stain surfaces or fabrics where water alone will not stain.
- Dinotefuran 0.5% Ornamental and Vegetable RTU is intended to be used in the following areas:
Ant Hills (except fire ants), Ornamental Plants and Leafy Vegetables

USE RESTRICTIONS

Do not spray plants when temperatures exceed 90°F.
Do not use on fire ants.

APPLICATION PROCEDURES

FOR USE ON PLANTS OUTDOORS

Point sprayer away from face. Hold sprayer on a slight downward angle, approximately 12 inches from surface to be sprayed. When outdoors spray in the direction of the wind if a breeze is blowing.

When spraying plants, do not operate closer than 18 inches. Be cautious about wetting tender foliage, young plants and new growth. Spray insects directly whenever possible.

- A one (1) quart container of 0.5% RTU treats 2,100 - 4,200 sq. ft., 1 gallon container of 0.5% RTU treats 8,400 - 16,800 sq. ft.
- Do not apply more than 51.7 quarts (0.54 lbs. a.i.) of Dinotefuran 0.5% RTUs per acre (per 43562 sq. ft.) per year,

FOR CONTROL OF ORNAMENTAL GARDEN INSECTS

(Including annual and perennial plants, roses and shrubs)

For use on ornamental plants including barberry, begonia, bromeliad, chrysanthemum, daylily, dianthus, English daisy, gardenia, holly, hibiscus, impatiens, ivy, juniper, lantana, marigold, nandina, pansy, photinia, poppy, rose and salvia to control the following insects:

Japanese beetles, whiteflies, aphids, lace bugs, mealy bugs, exposed thrips and leafminers

Contact insects directly whenever possible. May be used on plants, as well as a multi-purpose spray in small ornamental gardens and for spot treatments to prevent insects from spreading into large garden areas.

Ants: Not for use on fire ants. Spray around ant trails and hills. Spray around nests hidden under steps, brickwork, concrete, etc. Break apart accessible nests and spray freely on and around debris.

Crickets: Apply thoroughly to infestation in bushes, grass or weeds.

7/7

FOR CONTROL OF GARDEN VEGETABLE PESTS

To control listed insects, apply the spray to provide a thorough coverage of upper and lower leaf surfaces.

For use on Leafy Vegetables (including celery, cdm salad, garden and upland cress, dock, endivine, head and leaf lettuce, parsley, garden and winter purslane, radicchio, rhubarb, spinach) to control the following insects:

Colorado potato beetle, leafhopper, lygus bug, aphids, pepper weevil, potato leafhopper, thrips and whiteflies.

Days to Harvest: 7

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool dry place away from heat or open flame and inaccessible to children.

DISPOSAL:

If empty: Nonrefillable container. Do not reuse or refill this container.

Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

CONDITIONS OF SALE

MITSUI CHEMICALS AGRO, INC., warrants that this product in its unopened package conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions to the plants specified. To the extent consistent with applicable law, there are no other warranties, expressed or implied, concerning the use of this product other than indicated on the label. To the extent consistent with applicable law, this warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or conditions not reasonably foreseeable to seller, and buyer assumes all risk of any such use.