

34704-964

02/20/2007

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

34704-964

Date of Issuance:

FEB 20 2007

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

**Dyna-Shield® Tebuconazole
Fungicide**

Name and Address of Registrant (include ZIP Code):

**Loveland Products, Inc.
P.O. Box 1286
Greeley, CO 80632-1286**

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

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 product is conditionally registered in accordance with FIFRA section 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

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Signature of Approving Official:

Mary L. Waller

Mary L. Waller, Product Manager (21)
Fungicide Branch, Registration Division (7505P)

Date:

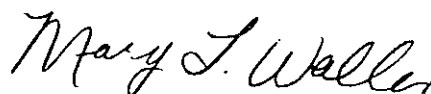
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2. Make the following changes to the label:
 - a. On page 1, make the font size of "Seed Treatment Fungicide" smaller than the size of "Dyna-Shield Tebuconazole Fungicide" so that it is clear that it is not part of the product name.
 - b. On page 1, change "A systemic fungicide...." to "A systemic fungicide seed protectant for wheat, triticale, barley and oats for use by commercial seed treaters only."
 - c. Under Hazards to Humans and Domestic Animals, add the word CAUTION to the beginning of the paragraph.
 - d. Under Personal Protective Equipment (PPE): delete the first sentence "Some materials...selection chart."
 - e. Move the following statements from below the USER SAFETY RECOMMENDATIONS box to the DIRECTIONS FOR USE section: "Work in a well ventilated area. Augers used.... DO NOT re-use bags...."
 - f. Change the section ENVIRONMENTAL HAZARDS to read "This pesticide is highly toxic to fish, estuarine and marine 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 contaminate water when disposing of equipment washwater or rinsate."
 - g. Move the STORAGE AND DISPOSAL directions to the DIRECTIONS FOR USE section, and delete the second sentence "Do not reuse empty containers." under the heading.
 - h. Add the following sentence immediately under the header DIRECTIONS FOR USE: "It is a violation of Federal law to use this product in a manner inconsistent with its labeling."
 - i. In the APPLICATION RATES table on page 5, change "Wheat" to "Wheat and Triticale"
 - j. In the APPLICATION RATES table on page 5, change the application rate for oats to 3.3 fl. oz. of product per 100 lbs. of seed and 2.1 qts. of product per ton of seed.
 - k. Immediately below the APPLICATION RATES table delete the statement "In California - Registered... on farm use."
 - l. In the Note below the APPLICATION RATES box, change "Wheat" to "Wheat and Triticale"
3. Submit acceptable Storage Stability (OPPTS No. 830.6317) and Corrosion Characteristics (OPPTS No. 830.6320) studies within 18 months of the date of this registration.
4. Submit one copy of the final printed label for the record before the product is released for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505P)

Enclosure:

- Label stamped "Accepted with comments"
- Product Chemistry Review dated 1/9/07
- Acute Toxicity Review dated 1/23/07

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DYNA-SHIELD® TEBUCONAZOLE FUNGICIDE SEED TREATMENT FUNGICIDE

A systemic fungicide seed protectant for wheat, barley, oats.

ACTIVE INGREDIENTS:

Tebuconazole -----	0.935%
INERT INGREDIENTS -----	99.065%
TOTAL -----	100.00%

Contains 0.08 lbs. Tebuconazole per gallon

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See Precautionary Statements and Directions for Use inside booklet.

EPA Reg. No. 34704-964
EPA Est. No. 34704-MS-002
Net Contents 2.5 gal.

Product formulated for Loveland Products, Inc. P.O. Box 1286 Greeley, CO 80632-1286
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(logo) Loveland Products

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

FEB 20 2007

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

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FIRST AID

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL:
CALL (800) 301-7976.

PRECAUTIONARY STATEMENTS**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart. Applicators and other handlers must wear long-sleeved shirt and long pants, socks and shoes. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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USER SAFETY RECOMMENDATIONS:

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change clothing.

Work in a well ventilated area.

Augers used for handling treated seed should not be used to move seed for feed, food or oil processing.

DO NOT re-use bags from treated seed to handle food or feed products.

ENVIRONMENTAL HAZARDS

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Do not reuse empty containers.

PESTICIDE STORAGE: Store product in original container only, away from other pesticides, fertilizers, food or feed. Keep container closed. Store in a cool, dry place and avoid excess heat.

PESTICIDE DISPOSAL: This pesticide's wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If this product cannot be completely used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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CONTAINER DISPOSAL: Triple rinse (or equivalent). Make empty container unusable for further use. 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.

For help with any spill, leak, fire, or exposure involving this material, call day or night CHEMTREC 1-800-424-9300.

USE RESTRICTIONS:

SEED LABELING:

- Seed treated commercially or for sale must be dyed an unnatural color using an EPA approved dye before being sold. Any dye added to treated seed must be cleared for use. For more information see 40 CFR 153.155.
- Federal law requires that bags containing treated seeds shall be labeled with the following information:

"This seed has been treated with DYNA-SHIELD TEBUCONAZOLE FUNGICIDE. This product contains Tebuconazole. Treated seed must not be used for or mixed with food or animal feed or processed for oil. Wear a long sleeved shirt and long pants (or coveralls) and chemical resistant gloves when handling treated seed. Do not graze or feed livestock or treated areas for 4 weeks after planting. Do not contaminate feed or foodstuffs with treated seed. Do not contaminate ponds, lakes or streams with this product or treated seed."

DIRECTIONS FOR USE:

General Information

DYNA-SHIELD TEBUCONAZOLE FUNGICIDE is a ready to use flowable seed treatment which contains the systemic fungicide Tebuconazole. DYNA-SHIELD TEBUCONAZOLE FUNGICIDE will control the following diseases:

Wheat and Triticale – Loose Smut, Stinking Smut or Common Bunt. Seed Rot and Seedling Blights caused by *Fusarium*. Suppression of Common Root Rot caused by *Cochliobolus sativus*. Suppression of Crown Rot and Root Rot caused by *Fusarium* spp.

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Barley – False Loose, Covered and True Loose Smuts, Barley Leaf Stripe, Seed Rot and Seedling blights caused by *Fusarium*. Suppression of Crown Rot and Root Rot caused by *Fusarium* spp.

Oats – Loose Smut.

METHOD OF APPLICATION

DYNA-SHIELD TEBUCONAZOLE FUNGICIDE is a ready to use formulation designed for use with conventional seed treating equipment which can accurately control application rates and provide a good distribution of the chemical onto the seed in the mixing chamber. It is important that the seed and chemical are mixed quickly and uniformly. See instructions supplied with the applicable treatment system for information on proper application techniques. Under some conditions, the addition of water may enhance treatment coverage.

APPLICATION RATES:

	fl. oz. of product per 100 lbs. of seed	qts. of product per ton of seed
Wheat – Loose Smut, Stinking Smut or Common Bunt. Seed Rot and Seedling Blights caused by <i>Fusarium</i> . Suppression of Common Root Rot caused by <i>Cochliobolus sativus</i> . Suppression of Crown Rot and Root Rot caused by <i>Fusarium</i> spp.	2.4 – 3.2	1.5 – 2.0
Barley – False Loose, Covered and True Loose Smuts, Barley Leaf Stripe, Seed Rot and Seedling blights caused by <i>Fusarium</i> . Suppression of Crown Rot and Root Rot caused by <i>Fusarium</i> spp.	2.4 – 3.2	1.5 – 2.0
Oats – Loose Smut.	3.2 – 4.8	2.0 – 3.0

In California – Registered only for use in commercial seed treating establishments. Not allowed for "on-farm" use.

Note - For suppression of Common Root Rot of Wheat, use the higher rate. Use the high rate where disease levels are likely to be high or on highly susceptible varieties.

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- Seed is protected by DYNA-SHIELD TEBUCONAZOLE FUNGICIDE as soon as it is treated.
- Calibrate seeding equipment using treated seed to insure proper seeding rate.
- Germination will not be affected by treatment as long as over application does not occur and seed is properly stored. All seed carried from one year to the next, whether treated or untreated should be checked for germination before planting.
- Uniform coverage at the correct rate is important for satisfactory results. Under treatment will lead to loss of efficacy and over treatment could reduce germination.

RESISTANCE MANAGEMENT RECOMMENDATIONS:

Any fungal population may contain individuals naturally resistant to DYNA-SHIELD TEBUCONAZOLE FUNGICIDE or other products containing triazole 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 DYNA-SHIELD TEBUCONAZOLE FUNGICIDE with other fungicides having a different mode of action that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.
- 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 resistance development.
- If disease continues to progress after treatment with the product, do not increase the use rate. Discontinue use of the product, and switch to another fungicide with a different target site of action, if available.
- Consult your local extension specialist or certified crop advisors for any additional pesticide resistance-management and /or IPM recommendations for specific crops and pathogens.

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CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL, THIS PRODUCT IS SOLD AS IS TO THE EXTENT ALLOWED BY APPLICABLE LAW. LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL, BUYER OR USER MUST SEND, TO THE EXTENT REQUIRED BY APPLICABLE LAW, WRITTEN NOTICE OF SUCH CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, 7251 WEST 4TH STREET, GREELEY, CO 80634.

TO THE EXTENT ALLOWED BY APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT ALLOWED BY APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL

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NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

Dyna-Shield is a registered trademark of Loveland Products, Inc

17/07/06 change – added registered trademark on "Dyna Shield"

2/8/07 – Revised rate table – added Triticale to wheat – revised precautionary language and first aid.