



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505C)
 1200 Pennsylvania Ave., N W
 Washington, D.C. 20460

EPA Reg. Number:

34704-938

Date of Issuance:

7/10/06

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Dyna-Shield Abamectin Fungicide

Name and Address of Registrant (include ZIP Code):

Loveland Product, Inc.
 7251 West 4th Street
 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/reregistration of your product when the Agency requires all registrants of similar products to submit such data.

Signature of Approving Official:

John Hebert, Product Manager (07)
 Insecticide-Rodenticide Branch, Registration Division (7505P)

Date:

7/10/06

2/9

2. Make the following label changes before you release the product for shipment:
 - a. Revise the EPA Registration Number to read, "EPA Reg. No. 34704-938."
 - b. Change the color of the POISON symbol to red.
3. Submit one copy of the revised final printed label for the record before you release the product 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.

John Hebert
Product Manager (07)
Insecticide-Rodenticide Branch
Registration Division (7505P)

Enclosure

3/9

RESTRICTED USE PESTICIDE
Due to toxicity. For sale to and use only by certified applicators or persons under the direct supervision and only for those uses covered by the certified applicators certification.

Dyna-Shield™ Abamectin Fungicide

Nematicide
Seed Treatment for Control of Nematodes in Cotton
For use in Loveland Products Inc. certified seed treatment facilities only.
Not for use in hopper box, planter box, slurry box, or other farmer-applied applications.

ACTIVE INGREDIENT:
Abamectin (CAS No. 65195-56-4 and No. 65195-55-3).....46.3%*
OTHER INGREDIENTS:53.7%
Total:100.0%
*Contains 4.17 lbs. abamectin per gal.

KEEP OUR OF REACH OF CHILDREN



**DANGER/PELIGRO
POISON**

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 additional Precautionary Statements, First Aid, and Directions For Use in booklet.

EPA Reg. No. 34704-
Net Contents: _____

EPA Est. _____

**ACCEPTED
with COMMENTS
In EPA Letter Dated
JUL 10 2006**
**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
34704-938**


Loveland
PRODUCTS INC.
P.O. Box 1286
Greeley, Co 80632

FIRST AID	
If inhaled	Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for treatment advice.
If swallowed	Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person.
If in eyes	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
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.
<p>NOTE TO PHYSICIAN</p> <p>Early signs of intoxication include dilation of pupils, muscular incoordination, and muscular tremors. Toxicity following accidental ingestion of this product can be minimized by early administration of chemical absorbents (e.g., activated charcoal).</p> <p>If toxicity from exposure has progressed to cause severe vomiting, the extent of resultant fluid and electrolyte imbalance should be gauged. Appropriate supportive parental fluid replacement therapy should be given, along with other required supportive measures (such as maintenance of blood pressure levels and proper respiratory functionality) as indicated by clinical signs, symptoms, and measurements.</p> <p>In severe causes, observations should continue for at least several days until clinical condition is stable and normal. Since abamectin is believed to enhance GABA activity in animals, it is probably wise to avoid drugs that enhance GABA activity (barbiturates, benzodiazepines, valproic acid) in patients with potentially toxic abamectin exposure.</p>	
Have the product container or label with you when calling a poison control center or doctor or going for treatment. FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-800-301-7976 .	

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



**DANGER/PELIGRO
POISON**

Fatal if inhaled. Do not breath vapors. May be fatal if swallowed. Harmful if absorbed through skin. Causes moderate eye irritation. 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. Dyna-Shield Abamectin Fungicide is to be used in seed treatment equipment with closed-transfer systems only.

The following personal protective equipment and clothing are required when using this product:

PERSONAL PROTECTIVE EQUIPMENT

Seed Treatment Workers

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) must wear: Chemical resistant gloves,

protective eyewear, coveralls over long sleeved shirt and long pants, chemical-resistant apron and shoes and socks.

Baggers and Bag Sewers must wear:

Dust/mist filtering respirator (NIOSH-approved respirator with any N, R, P or HE filter), long sleeved shirt and long pants and shoes and socks.

Workers involved with the clean up and maintenance of seed treatment equipment must wear:

Chemical resistant gloves, protective eyewear, respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approved) or a canister approved for pesticides (MSHA/NIOSH-approved) or a NIOSH-approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter, chemical resistant coveralls over long sleeved shirt and long pants, and shoes and socks.

Multiple Task Workers must wear: (Multiple task workers perform multiple tasks in one day such as mixing, product application, bagging, bag sewing, and clean up): Chemical resistant gloves (when handling treated seeds and equipment clean-up), protective eyewear (when treating seed and during clean-up), dust/mist filtering respirator (dust mask), long sleeved shirt and long pants, chemical-resistant coveralls over long sleeved shirt and long pants (required when performing seed treatment equipment clean-up procedures) and shoes and socks.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and wildlife. Exposed treated seeds may be hazardous to wildlife. Do not apply this product directly to water, 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 wash water.

Note: Seed treated with this product must be visually identifiable from untreated seed by the use of an approved colorant or dye to prevent accidental use of treated seed as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any colorant or dye added to treated seed must be cleared for use in accordance with 40 CFR, Part 180.1001. Refer to the section on this label **SEED BAG LABEL REQUIREMENTS** for language that must appear on the label that is attached to the bag of treated seed.

DIRECTIONS FOR USE

RESTRICTED USE PESTICIDE

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

NOTE: Only for use in Loveland Products-certified seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other farmer-applied applications.

GENERAL INFORMATION

To provide cotton seedling early season protection from nematode damage. Dyna-Shield Abamectin Fungicide may be applied to cottonseed. Apply Dyna-Shield Abamectin Fungicide as a water-based slurry utilizing standard slurry seed treatment equipment that will provide uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of nematode control.

NOTE: Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigor and poor quality may result in reduced germination and/or reduction of seed and

seedling vigor. Conduct germination tests on a representative sample of the seed lot before committing the total seed lot to a selected seed treatment. Because seed quality and seed storage conditions are beyond the control of Loveland Products, Inc., no claims are made to guarantee the germination of carry-over seed or propagating material for all crops.

SEED BAG LABEL REQUIRMENTS

The Federal Seed Act requires that bags containing treated seeds shall be labeled with the following statements:

- This seed has been treated with abamectin nematicide.
- Do not use treated seed for feed, food or oil purposes.

In addition, the U.S. Environmental Protection Agency requires the following statements on bags containing cottonseed treated with Dyna-Shield Abamectin Fungicide:

- Store away from food and feedstuffs.
- Do not allow children, pets or livestock to have access to treated seeds.
- Wear long-sleeved shirt, long pants, and protective gloves when handling treated seed.
- Treated seed must be planted into the soil at a depth greater than 1 inch. Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds that are spilled during loading and in areas such as row ends.
- Dispose of all excess treated seed by burying seed away from bodies of water.
- Do not contaminate bodies of water when disposing of planting equipment wash water.
- Dispose of seed packaging in accordance with local requirements.
- Plant Dyna-Shield Abamectin Fungicide-treated cottonseed based upon the local planting dates and soil temperatures that are recommended by your state agricultural extension agent. In areas with a history of high nematode populations, a soil fumigant is recommended.

MIXING AND APPLICATION INSTRUCTIONS

NOTE: Always treat seed in a well-ventilated area. Refer to the Precautionary Statements section of this label for personal protective equipment requirements and other safety precautions.

Important:

- Dyna-Shield Abamectin Fungicide should be thoroughly recirculated in its original container before using.
- Thoroughly mix the recommended amount of Dyna-Shield Abamectin Fungicide and other seed treatment products desired with the amount of water required for the slurry treater and the dilution rate.
- Consult the Loveland Products, Inc. Seed Treatment representative or the manufacturer of the application equipment you plan to use regarding the suitability of this application and equipment calibration and operating instructions.
- Prepare no more mixture than is needed for the immediate operation.
- Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.
- Store treated seed away from feed and foodstuffs.

Dyna-Shield Abamectin Fungicide Alone:

Mixing Instructions:

1. To dispense Dyna-Shield Abamectin Fungicide into a mix tank, first attach a pump with fittings (example: Micro Matic) that match the fittings on the Dyna-Shield Abamectin Fungicide container.
2. Recirculate product. Recirculation time should be calculated based upon the ability of the pump to completely recirculate the volume of the tank 5-10 times within a 30-minute time period.
3. After the initial recirculation, a short recirculation period of 5 minutes per day is recommended.
4. Attach the dispensing hose to a dry-lock type of fitting that is permanently attached to the mix tank lid.
5. Add ¼ - ½ of the required amount of water to the mix tank.
6. With the agitator running, add the Dyna-Shield Abamectin Fungicide to the tank.
7. Continue agitation while adding the remainder of the water.
8. Begin application of the solution after the Dyna-Shield Abamectin Fungicide has completely dispersed into the mix water.
9. Maintain agitation until all of the mixture has been applied.

Dyna-Shield Abamectin Fungicide + Tank Mixtures:

If using Dyna-Shield Abamectin Fungicide in a tank mixture with other seed treatment products, follow all directions for use, crops/sites, dilution ratios, precautions, and limitations that appear on the tank mix partner label. Follow the most restrictive label precautions and limitations and do not exceed any label dosage. Do not mix this product with any product that prohibits such mixing.

- For Early Season Insect Control in Cotton:

To control early season insect pests in cotton, apply Dyna-Shield Abamectin Fungicide with Dyna-Shield™ Thiamethoxam. Use Dyna-Shield Thiamethoxam at a rate of 0.30 -0.34 mg active ingredient per seed, and follow all directions and precautions on the Dyna-Shield Thiamethoxam label.

- For Early Season Disease Control in Cotton:

To control early season diseases in cotton, apply Dyna-Shield Abamectin Fungicide with Dyna-Shield™ Azoxystrobin. Follow all directions and precautions on the Dyna-Shield Azoxystrobin label.

- Compatibility

Before mixing Dyna-Shield Abamectin Fungicide with other seed treatment products test the compatibility before use by conducting a compatibility test:

1. Thoroughly mix all intended seed treatments with the appropriate amount of water well in a clear glass container and allow the mixture to sit for one hour.
2. Then remix and observe for incompatibility.

- Tank Mixing Instructions

1. Add ½ of the required water to the mix tank and turn on the agitation. Mechanical agitation is preferred.
2. If using wettable powders and/or products in water-soluble packaging, add water-soluble packages first to clean water and allow them to completely disperse before adding Dyna-Shield Abamectin Fungicide or other products.

8/9

3. Allow each tank mix partner to completely disperse before adding the next product.
4. Add the remaining amount of water and agitate.
5. Maintain agitation until the entire slurry mixture has been used.

Application Rate - Dyna-Shield Abamectin Fungicide Alone

	Amount of Abamectin per Seed*	Instructions
Cottonseed	0.1 – 0.15 mg	To provide early season protection for cotton seedling against nematodes, apply Dyna-Shield Abamectin Fungicide to cottonseed at a rate to achieve 0.1 to 0.15 mg. per seed*

*1 fl. oz. of Dyna-Shield Abamectin Fungicide contains 14.79 grams of abamectin and the typical density of Dyna-Shield Abamectin Fungicide is 9.01 lbs. /gal.

STORAGE AND DISPOSAL

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

Open dumping is prohibited.

PESTICIDE STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use 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.

CONTAINER DISPOSAL:

Non-Returnable Containers: Triple rinse (or equivalent), then puncture and dispose of in a sanitary landfill or by other procedures allowed by state and local authorities.

Returnable Containers: Return to a Loveland Products, Inc. authorized facility for refilling or disposal.

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

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

9/9

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 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.

Formulated for:
Loveland Products, Inc.
P.O. Box 1286
Greeley, CO 80632