

42750-237

1/19/2012

10410

**U.S. ENVIRONMENTAL PROTECTION AGENCY**

Office of Chemical Safety and Pollution Prevention

Office of Pesticide Programs

Registration Division (7504P)

1200 Pennsylvania Ave., N.W.

Washington, DC 20460

EPA Reg. Number:

42750-237Date of
Issuance:**1/19/2012**

Term of Issuance:

Unconditional

Name of Pesticide Product:

**Thiabendazole 98%
Crop Dip****NOTICE OF PESTICIDE:**

- ☒ Registration
☐ Reregistration
Under FIFRA, as amended

Name and Address of Registrant (include ZIP Code):

Albaugh, Inc.
1525 NE 36th Street
Ankeny, IA 50021

Mailed to:

Morris Gaskins
Registrations Manager
P.O. Box 2127
Valdosta, GA 31604-2127

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 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 registered in accordance with FIFRA section 3(c)(5)(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.

Page 1 of 2

Signature of Approving Official:

Tony Kish, Product Manager (22)
Fungicide Branch/Registration Division/OPP/OCSP (7504P)

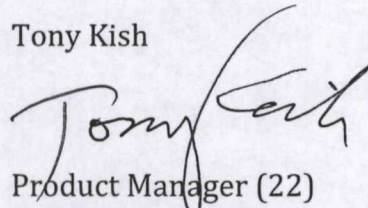
Date:

1/19/2012

2. Make the following change to the label:
 - a. Change the product registration number to "EPA Reg. No. 42750-237".
 - b. Increase the typesize of the Signal Word "CAUTION as per Label Review Manual.
 - c. Page 2- the "Container Handling" section lists triple rinsing directions for containers that are too large to shake. These directions do not apply to this product's small gram sized containers. These three sentences must be deleted (from "Tip container...several times) and replaced with "Shake for 10 seconds. Refer to PRN 2007-4 (Appendix B) for the source of this change.
3. Submit one copy of the revised final printed label for the record before the product is released for shipment. Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e).

A copy of the label stamped "Accepted with Comments" is enclosed for your records.

Tony Kish



Product Manager (22)
Fungicide Branch
Registration Division (7504P)

THIABENDAZOLE 98% CROP DIP

A FUNGICIDE FOR POST-HARVEST TREATMENT OF APPLES & PEARS,
CARROTS, CITRUS FRUITS AND POTATOES

ACTIVE INGREDIENT:

Thiabendazole* 98.75%

OTHER INGREDIENTS: 1.25%

TOTAL: 100.00%

*CAS No. 148-79-8

ACCEPTED
with COMMENTS
In EPA Letter Dated
JAN 19 2012

KEEP OUT OF REACH OF CHILDREN.

CAUTION

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

FIRST AID	
IF SWALLOWED	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Do not give any liquid to the person. 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 ON SKIN OR CLOTHING	<ul style="list-style-type: none"> 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.
IF IN EYES	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> 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 further treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOTLINE NUMBER	
For 24-Hour Medical Emergence Assistance or chemical Emergency Assistance (Spill, Leak, Fire, or Accident) Call CHEMTREC at 1-800-424-9300	

See additional precautionary statements and directions for use on label.

EPA Reg. No. 42750-appl.

EPA Est. xxxxxx-xx-xxx

Net Weight: _____ grams

Manufactured For:
ALBAUGH, INC.
ANKENY, IA 50021



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, and clothing. Avoid breathing dust. Wear chemical resistant gloves and protective clothing when handling. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt
- Long pants
- Chemical resistant gloves
- Shoes plus socks

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.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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 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 or disposal.

PESTICIDE STORAGE: Store in original containers only. Store in a cool, dry place away from food, drink, and animal feeding stuffs.

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

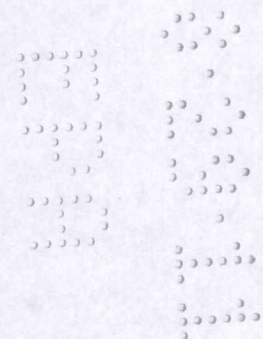
CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsates into application equipment or a mix tank or store rinsates for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

DIRECTIONS FOR USE

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



[212 gram package label directions]

APPLES & PEARS: Post-harvest control of Botrytis and Penicillium Rots.

As spray or drench:

Dilute 212 g of THIABENDAZOLE 98% CROP DIP in 56 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax:

Dilute 212 g THIABENDAZOLE 98% CROP DIP in 28 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000 – 10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of Botrytis Gray Mold and Sclerotinia Rot.

Dilute 212 g THIABENDAZOLE 98% CROP DIP per 37.3 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of Penicillium Molds and Stem End Rot.

In AZ and CA, dilute up to 212 g THIABENDAZOLE 98% CROP DIP per 11 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application.

In FL and TX, 2 sequential applications may be applied: First, dilute up to 212 g THIABENDAZOLE 98% CROP DIP per 56 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 212 g THIABENDAZOLE 98% CROP DIP in 56 to 15.7 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of Fusarium Tuber Rot.

Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g THIABENDAZOLE 98% CROP DIP per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g THIABENDAZOLE 98% CROP DIP per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

THIABENDAZOLE 98% CROP DIP should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent Fusarium infection if potatoes are damaged or improperly stored.

[318 gram package label directions]

APPLES & PEARS: Post-harvest control of Botrytis and Penicillium Rots.

As spray or drench:

Dilute 318 g of THIABENDAZOLE 98% CROP DIP in 83.5 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax:

Dilute 318 g THIABENDAZOLE 98% CROP DIP in 42 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000 – 10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of Botrytis Gray Mold and Sclerotinia Rot.

Dilute 318 g THIABENDAZOLE 98% CROP DIP per 55 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of Penicillium Molds and Stem End Rot.

In AZ and CA, dilute up to 318 g THIABENDAZOLE 98% CROP DIP per 16.5 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application.

In FL and TX, 2 sequential applications may be applied: First, dilute up to 318 g THIABENDAZOLE 98% CROP DIP per 83.5 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 318 g THIABENDAZOLE 98% CROP DIP in 83.5 to 24 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of Fusarium Tuber Rot.

Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g THIABENDAZOLE 98% CROP DIP per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g THIABENDAZOLE 98% CROP DIP per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat. DO NOT treat after cutting.

THIABENDAZOLE 98% CROP DIP should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent Fusarium infection if potatoes are damaged or improperly stored.

[575 gram package label directions]

APPLES & PEARS: Post-harvest control of Botrytis and Penicillium Rots.

As spray or drench:

Dilute 575 g of THIABENDAZOLE 98% CROP DIP in 151 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax:

Dilute 575 g THIABENDAZOLE 98% CROP DIP in 75.5 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000 – 10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of Botrytis Gray Mold and Sclerotinia Rot.

Dilute 575 g THIABENDAZOLE 98% CROP DIP per 37.3 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of Penicillium Molds and Stem End Rot.

In AZ and CA, dilute up to 575 g THIABENDAZOLE 98% CROP DIP per 30 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application.

In FL and TX, 2 sequential applications may be applied: First, dilute up to 575 g THIABENDAZOLE 98% CROP DIP per 151 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 575 g THIABENDAZOLE 98% CROP DIP in 151 to 43 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of Fusarium Tuber Rot.

Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g THIABENDAZOLE 98% CROP DIP per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g THIABENDAZOLE 98% CROP DIP per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. ~~DO NOT retreat.~~ ~~DO NOT~~ treat after cutting.

THIABENDAZOLE 98% CROP DIP should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent Fusarium infection if potatoes are damaged or improperly stored.

[742 gram package label directions]

APPLES & PEARS: Post-harvest control of Botrytis and Penicillium Rots.

As spray or drench:

Dilute 742 g of THIABENDAZOLE 98% CROP DIP in 195 gallons of water to yield 1000 ppm TBZ. Keep suspension under constant gentle agitation. Do not treat fruit for more than 3 minutes. Treat only once, either before or after storage. Drain fruit thoroughly after treatment and do not rinse.

In wax:

Dilute 742 g THIABENDAZOLE 98% CROP DIP in 97.5 gal. of apple wax to yield 2000 ppm TBZ. Spray suspension full strength at a rate of 1 gal per 8,000 – 10,000 pounds of fruit. Agitate wax suspension during application.

CARROTS: Post-harvest control of Botrytis Gray Mold and Sclerotinia Rot.

Dilute 742 g THIABENDAZOLE 98% CROP DIP per 130 gal. water (1500 ppm) and apply before storage as an aqueous dip for up to 10 minutes. Replenish dip suspension when volume is too low or when it becomes dirty.

CITRUS FRUITS: Post-harvest control of Penicillium Molds and Stem End Rot.

In AZ and CA, dilute up to 742 g THIABENDAZOLE 98% CROP DIP per 39 gal. of citrus wax (5000 ppm) and apply a single application of 1 gal. wax suspension / 3500 lbs fruit. Agitate wax suspension during application.

In FL and TX, 2 sequential applications may be applied: First, dilute up to 742 g THIABENDAZOLE 98% CROP DIP per 195 gal. water (1000 ppm) and apply as an aqueous dip for up to 3 minutes before de-greening. Replenish dip suspension when volume is too low or when it becomes dirty. After de-greening and washing, mix 742 g THIABENDAZOLE 98% CROP DIP in 195 to 55 gal. citrus wax (1000-3500 ppm) and apply 1 gal. wax suspension / 3500 lbs fruit.

POTATOES: Post-harvest control of Fusarium Tuber Rot.

Before storage, mist unwashed tubers on a conveyor line with tumbling action, using 5.68 g THIABENDAZOLE 98% CROP DIP per 2000 lbs tubers in sufficient water for complete coverage. If needed before shipping, tubers may be retreated after at least 30 days storage, using either a 2nd mist as described above or a 20 second dip of 5.68 g THIABENDAZOLE 98% CROP DIP per gal. water. Replenish dip suspension when volume is too low or when it becomes dirty.

For Seedpiece Potatoes, mist unwashed tubers before storage as described above. DO NOT retreat, DO NOT treat after cutting.

THIABENDAZOLE 98% CROP DIP should be used as part of an Integrated Management Program for potatoes, which includes prevention of bruising during harvest and maintaining proper storage temperatures and relative humidity. Neither cultural practices nor TBZ treatment will prevent Fusarium infection if potatoes are damaged or improperly stored.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of ALBAUGH CROP PROTECTION, Inc. or Seller. To the extent permitted by applicable law. Buyer and User agree to hold ALBAUGH and Seller harmless for any claims relating to such factors.

ALBAUGH 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, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or ALBAUGH, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, ALBAUGH MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall ALBAUGH be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF ALBAUGH AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF ALBAUGH OR SELLER, THE REPLACEMENT OF THE PRODUCT.

ALBAUGH and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of ALBAUGH.

