

43410-7

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



OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

JAN 27 2003

Mr. David J. Hall
Agri-Chem
622 E. Myers Blvd.
Mascotte, FL 34753

Subject: Fungicide 4T
EPA Reg. No.: 43410-7
Submission dated Dec 12, 2002

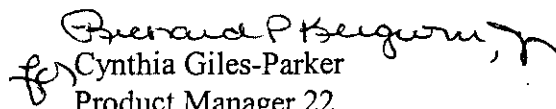
Dear Mr. Hall:

The revised product labeling referred to above, submitted in connection with the registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided you:

- Revise 2-(4-thiazolyl benzimidazole to 2-(4-thiazolyl) benzimidazole in the active ingredient listing on page 1.

Submit one copy of the revised final printed label before releasing the product for shipment. A stamped copy of the label is enclosed for your records. If you have questions, please contact Dennis McNeilly at (703) 308-6742 or electronically at mneilly.dennis@epa.gov.

Sincerely,


Cynthia Giles-Parker
Product Manager 22
Fungicide Branch
Registration Division (7505C)

Front Panel Text

Fungicide 4T

Active Ingredients:

| | |
|------------------------------------|--------|
| 2-(4-thiazolyl benzimidazole | 99.5% |
| Inert Ingredients: | 0.5% |
| TOTAL | 100.0% |

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Precautionary Statements

EPA Reg. No. 43410-7

EPA Est. No.

Agri-Chem
Mascotte, FL 34753

Net Contents ____ lbs. ____ oz. (____ Units 1 lb. 13.5 oz ea.)

**ACCEPTED
with COMMENTS
in EPA Letter Dated:**

JAN 27 2003

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

43410-7

Left Side Panel Text

Text in Box –Begin Box

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 or clothing. Avoid breathing dust. Wear chemical resistant gloves and protective clothing when handling. (PPE). Users should wash hands before eating, drinking, chewing gum, tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticides get inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

First Aid

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

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 poison control center, or doctor immediately for treatment advice.

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.

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

HOT LINE NUMBER

For 24 hour Medical Emergency Assistance (Human Or Animal) Or Chemical
Emergency Assistance (Spill, Leak, Fire Or Accident) CALL 1-800-888-8372

Personal Protective Equipment (PPE)

Mixers, loaders, applicators, and other handlers must wear:

- Long sleeve shirt and long pants
- 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.

ENVIRONMENTAL HAZARDS

Do not apply Directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. 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.

PHYSICAL AND CHEMICAL HAZARDS

Do not store or use in presence of fire, sparks or spark producing devices. Dust may ignite explosively.

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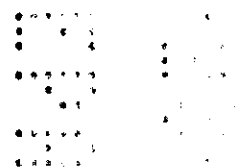
DIRECTIONS FOR USE

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

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 area during application.

Text in Box -Begin Box

Agricultural Use Requirements



Do not enter or allow workers 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 with anything that has been treated, such as plants, soil, or water is:

- Coveralls,
- Shoes plus socks
- Chemical-resistant gloves made of any waterproof material.

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STORAGE AND DISPOSAL

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

Storage: Store at ambient temperature in a dry place.

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

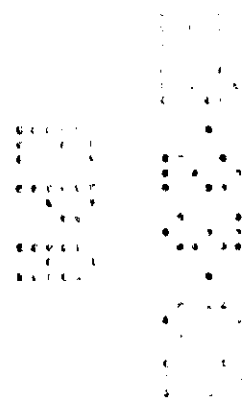
Wastes resulting from the use of this product must be disposed of in accordance with Federal, State and local procedures under the Resource Conservation and Recovery Act. Contact your state pesticide or Environmental Control Agency, or the Nearest Regional office for guidance.

Container Disposal: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities. If burned stay out of smoke.

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Right Side Panel Text

PRODUCT DIRECTIONS



CITRUS - (Blue Mold, Green Mold, Stem End Rot): Disperse one unit (1 lb. 13.5 oz) in 220 gallons of water for a 1000 ppm treating dispersion. (Use of a wetting agent is recommended).

Apply as flood, drip or spray at the rate of one gallon per 5000 to 7000 pounds of previously washed and water eliminated fruit. Do not rinse fruit following treatment. If fruit is excessively wet at the applicator use a 2 to 5 units (1 lb. 13.5 oz) per 220 gallons. (See NOTE Below.)

Fungicide 4T may be used in citrus wax. Disperse one unit (1 lb. 13.5 oz) in 220 gallons of wax (1000 ppm) and apply to previously washed and dried fruit at the rate of one gallon per 8,000 to 10,000 lbs of fruit. For control of sporulation (*Penicillium* spp.) use one unit (1 lb. 13.5 oz) Fungicide 4T per 55 gallons.

APPLES AND PEARS - (Postharvest Rots - Botrytis spp., Penicillium spp.): Apply as a spray or drench one unit (1 lb. 13.5 oz) dispersed in 220 gallons of water (Use of a wetting agent is recommended). Do not treat for more than 3 minutes. Treat only once either before or after storage. Drain fruit thoroughly and do not rinse after treatment. Agitate suspension gently during use. When apple wax is used Fungicide 4T may be incorporated in the wax. Use one unit (1 lb. 13.5 oz) per 110 to 220 gallons of wax. Agitate suspension gently during use.

BANANAS - (Crown Rot): Prepare a suspension of one unit (1 lb. 13.5 oz) Fungicide 4T in 1100 gallons of water (Use of a wetting agent is recommended. Keep suspension agitated while using.

Treat dehedded fruit after it has passed through the delatexing operation by dipping or drenching. When dipping, do not immerse for more than 5 minutes.

POTATOES - (Fusarium Tuber Rot): Mist tubers on a conveyor line, with tumbling action, entering storage with one gallon of suspension (One unit (1 lb. 13.5 oz) Fungicide 4T per 150 gallons) to each 2000 lb. of tubers. If additional treatment is necessary before shipping and cutting the seed tubers, dip the tubers for 20 seconds, or mist at the same rate.

IF additional treatment is need before shipping and cutting seed tubers, dip the tubers for 20 seconds or mist at the same rate. (Use of a wetting agent is recommended). Agitate suspension gently during use.

SWEET POTATO 'Seed Roots only' - (Black Rot, Foot Rot, Scurf): Dip the seed roots in a suspension of one unit (1 lb. 13.5 oz) per 45 gallons (Use of a wetting agent is recommended). Plant immediately. Do not use treated seed roots for food or feed.

Discard the suspension when volume becomes too low or suspension becomes dirty.
Manual seed treatments are prohibited.

Note: Fungi may develop resistance to thiabendazole. If such tolerance is suspected, switching to a non-benzimidazole fungicide is advised. Check with your supplier if confirmatory tests are desired.

Where a range of treatments are given for a commodity. The lower value (dosage) is to be used when the produce is in optimum condition and inoculum levels are low. When fruit is delayed from harvest to treatment or inoculum levels in the packinghouse are high use the higher dosage.

Seller warrants that this material conforms to the ingredient statement on the label and is reasonably fit for the purposes referred to in the Directions for Use. No other warranty, express or implied, is made. This includes any other express or implied warranty of FITNESS or MERCHANTABILITY, and no agent of Seller is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential damages, such as loss of profits or values.

