

Reg # 3125-117

PM-19

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File

198



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

JAN 21 1998

KAREN M. PITCHER
MILES INC.
AGRICULTURAL DIVISION
8400 HAWTHORNE RD BOX 4913
KANSAS CITY, MO. 64120

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 07/01/93 in Response to PR Notice 93-7
EPA REG. NO. 3125-117
MORESTAN 25% WETTABLE POWDER MITICIDE, FUNGICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with SoyCanada Ink on paper that
contains at least 30% recycled fiber

298

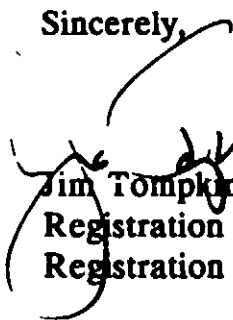
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

398

U.S. LABEL

Reason to Issue: To revise label to bring into compliance with Worker Protection Standard.

Date of Draft: 06/23/93(Pre-Reg)(P)

MORESTAN[®] 25 WP

Miticide-Fungicide-Insecticide

FOR EFFECTIVE CONTROL OF MITES AND POWDERY MILDEW

ACTIVE INGREDIENT:

6-Methyl-1,3-dithiolo[4,5- <i>b</i>]quinoxalin-2-one	25%
INERT INGREDIENTS:	75%
	100%

EPA Reg. No. 3125-117

NET CONTENTS: _____ Pounds

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

(See rear panel for Statements of Practical Treatment and Other Precautionary Statements)

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.)

~~PRECAUCION AL USUARIO: Si usted no puede leer 2 enter inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.~~

~~(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)~~



MORESTAN 25 WP

BEST AVAILABLE COPY

ACCEPTED
with COMMENTS
In EPA Letter Dated

JAN 21 1994

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

3125-117

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Causes substantial but temporary eye injury. May be harmful if inhaled. Do not get in eyes. Avoid contact with skin or clothing. ~~Wear goggles, face shield, or safety glasses when handling the wettable powder. Avoid breathing spray mist. Wash thoroughly with soap and warm water after handling. Remove and wash contaminated clothing with soap and hot water before reuse.~~

Personal Protective Equipment:
Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Protective eyewear
- Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Under conditions of bright sunlight, particularly if wind is present, some persons spraying MORESTAN 25% Wettable Powder experience a skin reaction on exposed parts of the body similar to sunburn. When applying

sprays containing more than 1/2 lb MORESTAN 25% Wettable Powder per 100 gallon of water it is recommended that ~~sufficient clothing be worn to cover most body areas and that a suitable sun-screen lotion such as Uval (Dome Laboratories) or Solbar (Person and Covey), be applied to body areas necessarily left uncovered such as the neck and face.~~

Do not contaminate feed or food. Keep out of reach of children.

Engineering controls statement: When handlers use enclosed cabs or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:
User should:

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

STATEMENTS OF PRACTICAL TREATMENT

If in eyes, hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Call a physician if irritation persists or develops after flushing. If swallowed, administer water freely and induce vomiting by giving one dose (1/2 oz or 15 mL) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by

mouth to an unconscious person. Get medical attention immediately. If on skin, wash skin immediately with soap and warm water. If irritation occurs, get medical attention. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

Note To Physician: No specific antidote is available. Treat symptomatically.

ENVIRONMENTAL HAZARDS

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MORESTAN is toxic to fish. Do not apply where runoff is likely to occur. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to

intertidal areas below the mean high water mark. In cleaning of equipment or disposal of wastes, do not contaminate streams, lakes, or ponds with this material

598

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 the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear

IMPORTANT: Read these entire Directions and Conditions of Sale before using MORESTAN 25% Wettable Powder miticide-fungicide-insecticide.

CONDITIONS OF SALE: THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

MORESTAN 25% Wettable Powder is recommended for residual control of aphids, mites, mite eggs, and powdery mildew. The formulation mixes readily with water to form a suspension which is usable in all conventional hand or machine-operated sprayers. For best results, apply a thorough coverage before mites or mite eggs are present in large numbers and before mites cause bronzing of the foliage. Apply during good drying conditions (see Restrictions). Consult your State Agricultural Extension Service or Experiment Station for detailed information on timing of applications for most effective control.

Do not apply this product through any type of irrigation system.

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698

RECOMMENDED APPLICATIONS			
CROP	PEST	LB MORESTAN 25% WP	REMARKS
BEARING FRUIT Pre-Bloom & Post-Harvest Apples (all states) Pears (except New York)	Powdery Mildew (See NOTE in Remarks)	1/2 to 1	Apply specified dosage per 100 gallons of water in pre-bloom sprays (delayed dormant, pre-pink, or pink). Do not apply after first bloom. Additional applications may be made to tree foliage after harvest. If an application of spray oil is made within 10 days either before or after an application of MORESTAN 25% Wettable Powder, fruit and/or foliar injury may occur. Fruit set may be reduced if fruit injury occurred.
	Mites Mite eggs		
	Pear psylla	1-1/2	
NOTE: Pre-bloom sprays with MORESTAN 25% Wettable Powder will provide effective control of early season powdery mildew infections. No additional fungicides are needed for powdery mildew control during the pre-bloom period. Use other recommended fungicides in post-bloom spray programs for seasonal control.			
Apricots (Post-harvest only)	Mites (except cyclamen mite) Mite eggs	4	Apply specified dosage per acre in a minimum of 10 gallons of water per acre by air or 40 gallons of water per acre by ground. For best control thorough coverage of all surfaces is necessary. Make only one application between harvest and up to the time trees break dormancy. Do not graze cover crops.
BEARING CITRUS TREES Citrus (Arizona and California only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	5	Apply specified dosage per acre by concentrate or dilute ground spray using 20 to 500 gallons of water per acre. Schedule applications no closer than 90 days apart in Texas and Florida, or 180 days apart in Arizona and California. Allow at least 21 days between last application and harvest. Do not use MORESTAN 25% Wettable Powder within 3 weeks of summer oil sprays. Note: A maximum of 5 lb of MORESTAN 25% Wettable Powder may be used per acre per year on bearing fruit.
Citrus (Florida and Texas only)	Citrus rust mite Texas citrus mite Mite eggs	2-1/2 to 5	

798

RECOMMENDED APPLICATIONS			
CROP	PEST	LB MORESTAN 25% WP	REMARKS
NON-BEARING FRUIT Apples	Powdery Mildew Mite Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water.* Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary. For control of powdery mildew, begin preventive applications before disease appears and apply at 7- to 14- day intervals. During heavy infection periods, make more frequent applications. Do not apply to fruit trees that will bear fruit within one year of application.
Apricots Cherries Nectarines Peaches Pears Plums Prunes	Mites (except cyclamen mite) Mite eggs	1/2 to 1	
Citrus	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1-1/2	Apply specified dosage per 100 gallons of water. Spray all surfaces, including the underside of leaves for complete coverage. Repeat as necessary. Do not apply to trees that will bear fruit within one year of applications.
FRUIT Strawberries (Pre-bloom only)	Mites (except cyclamen mites)	1/2 to 1	Apply specified dosage per 100 gallons of water* as a pre-bloom application. Application may be made in propagating beds, and in field plantings during the first year of setting new plants, but not after first bloom. Spray all foliage surfaces, include the underside of leaves for complete coverage. Repeat applications may be made as needed but not after first bloom appears.
NUTS Macadamia nuts	Mites	1 to 2	Apply specified dosage per 100 gallons of water as a full coverage spray* using up to 400 gallons of finished spray per acre depending upon the number and size of trees. Spray all surfaces including the underside of leaves for complete coverage. Three applications per season may be made up to the day of harvest.
Walnuts	Aphids Mites Mite eggs	1 to 1-1/2	Apply specified dosage per 100 gallons of water as a full coverage spray* using up to 250 gallons of finished spray per acre depending upon the number and size of trees. Spray all foliage surfaces, including the underside of leaves, for complete coverage. Do not apply more than twice per season or within 30 days of harvest.
* This dosage of MORESTAN 25% Wettable Powder is calculated for conventional sprayers. When lower volumes of spray are applied per acre as with low-pressure, low-volume, airplane, or mist-type equipment, increase the concentration of MORESTAN 25% Wettable Powder in the spray mixture in order to apply the amount of MORESTAN 25% Wettable Powder per acre equivalent to a full coverage spray.			

898
7

RESTRICTIONS

Under certain adverse weather conditions, particularly those that create slow drying of spray deposits, or high temperatures (greater than 85° F), injury may occur to foliage of strawberries, and deciduous fruit trees having new and/or tender growth.

Do not use summer oils if MORESTAN 25% Wettable Powder is used in the cover spray program.

Do not use petroleum based spray adjuvants with MORESTAN 25% Wettable Powder. Consult your supplier for approved adjuvants.

If a spray oil was used in the previous spray, thoroughly clean the sprayer to remove all oil, otherwise fruit and/or foliar injury may occur.

Do not allow sprays to drift onto other crops, including pastures. Do not graze treated areas.

Do not use on other crops used for food and forage. Use only according to label directions. Applications at rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse.

RE-ENTRY STATEMENTS

~~Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.~~

~~Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements"~~

~~included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: WARNING, area treated with MORESTAN 25% Wettable Powder on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced (see Precautionary Statements on label).~~

STORAGE AND DISPOSAL

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

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal: Do not use container in connection with food, feed, or drinking water. Completely empty carton into application equipment. Then dispose of empty carton in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

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Miles Inc.
Crop Protection Products
Box 4913, Kansas City, MO 64120-0013