

3125-117

11-22-74

1 of 5

C-483552

Base Pre-Reg. (2253)

U.S. LABEL

Reason to Issue: To update pre-reg. label dated 6/9/72.

Date of Draft: 11/6/74 (Pre-Reg.) (H)  
Supersedes Pre-Reg. Draft  
Dated: 6/9/72

EPA Reg. No. 3125-117-AA

(R) MORESTAN

25% Wettable Powder

MITICIDE - FUNGICIDE

FOR EFFECTIVE CONTROL OF MITES  
AND POWDERY MILDEW

NET WEIGHT            POUNDS

CAUTION  
(See rear panel for caution  
statements)

KEEP OUT OF REACH OF CHILDREN

GUARANTEE

ACTIVE INGREDIENT:

6-Methyl-1,3-dithiolo[4,5-b]  
quinoxalin-2-one / ..... 25%

INERT INGREDIENTS: ..... 75%  
100%

U.S. Patent No. 3,091,613  
Canadian Patent No. 659,270

EPA Reg. No. 3125-117-AA

ACCEPTED  
NOV 22 1974  
UNITED STATES DEPARTMENT OF AGRICULTURE  
FUNGICIDE AND MITICIDE ACT  
FOR REGISTERED U.S. SUBJECT  
TO ATTACHED COMMENTS.

STOP - READ THE LABEL BEFORE USE

MANUFACTURED BY

CHEMAGRO AGRICULTURAL DIVISION  
MOBAY CHEMICAL CORPORATION  
Box 4913, Kansas City, Mo. 64120

Note: Underlined letters in chemical nomenclature should be italicized when printed, not underlined.

DIRECTIONS FOR USE

IMPORTANT: Read these entire Direction and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using MORESTAN 25 Wettable Powder.

CONDITIONS OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food or feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

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.

RECOMMENDED APPLICATIONS

CROP	PEST	Pounds MORESTAN 25% W.P.	REMARKS
BEARING CITRUS TREES  Citrus (California Arizona, Texas, and Florida Only)	Citrus red mite Citrus rust mite Texas citrus mite Mite eggs	1 to 1-1/2	Apply specified dosage per 100 gallons of water as a full coverage spray* using 200 - 1000 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. Schedule applications no closer than 90 days apart in Texas and Florida, or 180 days apart in California and Arizona.  Do not harvest within 60 days of last application.

RECOMMENDED APPLICATIONS  
(Continued)

CROP	PEST	Pounds MORESTAN 25% WP	REMARKS
<u>NON-BEARING FRUITS:</u>			
Apples	Powdery Mildew Mites 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.
Apricots Cherries Nectarines Peaches Pears Plums Prunes Strawberries	Mites (except cyclamen mite) Mite eggs	1/2 to 1	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. Apply to strawberries, as required, in propagating beds and in the field during the year of setting new plants but not after first bloom appears in the following year.
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.
<u>NUTS</u>			
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.

RECOMMENDED APPLICATIONS  
(Continued)

CROP	PEST	Pounds MORESTAN 25% WP	REMARKS
<u>NUTS (Continued)</u>			
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.
<u>ORNAMENTALS:</u>			
Flowers Shrubs	Mites Mite eggs	1/2 to 1	Apply specified dosage per 100 gallons of water (1/2 pound of 25% Wettable Powder per 100 gallons = 1 level teaspoonful per 1 gallon). Spray all foliage surfaces including the underside of leaves for complete coverage. Repeat as necessary.

\*This MORESTAN dosage 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 in the spray mixture in order to apply the amount of MORESTAN per acre equivalent to a full coverage spray.

RESTRICTIONS

Under certain adverse weather conditions, particularly those that create slow drying of spray deposits, injury may occur to foliage of strawberries and deciduous fruit trees.

Do not use summer oils if MORESTAN is used in the cover spray program.

Do not use spreader-sticker materials with MORESTAN.

MORESTAN is toxic to fish. Do not apply where runoff is likely to occur. In cleaning of equipment or disposal of wastes, do not contaminate streams, lakes, or ponds with this material.

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.

RESTRICTIONS (Continued)

Phytotoxicity has occurred on the foliage and flowers of several varieties of roses, especially during periods of high temperatures. Treat roses only after cutting and before new growth appears. Before treating large plantings for the first time, treat a few plants and observe for 4 or 5 days. Under certain conditions, some injury to other ornamentals may occur.

CONTAINER DISPOSAL: Do not reuse empty container. Destroy it by burying with waste or burning. Stay away from smoke.

CAUTION

Harmful if swallowed, inhaled, or absorbed through the skin. Avoid breathing of spray mist. Wash thoroughly with soap and warm water after handling.

Under conditions of bright sunlight, particularly if wind is present, some persons spraying MORESTAN experience a skin reaction on exposed parts of the body similar to sunburn. When applying sprays containing more than 1/2 lb. MORESTAN 25% Wetttable Powder per 100 gal. water it is recommended that sufficient clothing be worn to cover most body areas and that a suitable sun-screen lotions 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.

WARRANTY AND LIMITATION OF DAMAGES

Chemagro warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. CHEMAGRO MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro 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 commercial damages such as loss of profits or values, etc.

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