

3125-117

6-15-71

1046

T-748
Ref. 4

Base Pre-Reg. (1401)

Reason to Issue: To delete alfalfa
grown for seed in line with PR
Notice 71-3.

U.S. LABEL

Date of Draft: 3/30/71 (Pre-Reg.) (L)

Product No. 110916 (12 x 2 1/2 lbs/cs)
110917 (50 lb. box)

Reg. U.S. 4/30/66

(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

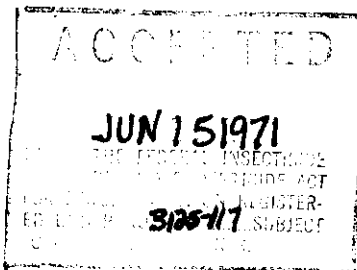
ACTIVE INGREDIENT:

6-Methyl-2,3-quinoxalinedithiol
cyclic S,S-dithiocarbonate / ... 25%

INERT INGREDIENTS: 75%
100%

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

USDA Reg. No. 3125-117

STOP - READ THE LABEL BEFORE USE

MANUFACTURED BY

CHEMAGRO CORPORATION

KANSAS CITY, MO.

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

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MORESTAN 25% WP

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions 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 Corporation 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 mites, mite eggs, and pear psylla and for powdery mildew control on apples. 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 MORESTAN APPLICATIONS

CROP	PEST	Pounds MORESTAN 25%	REMARKS
BEARING FRUIT Pre-Bloom & Post-Harvest Apples Apricots Cherries Nectarines Peaches Pears Plums Prunes	Mites Mite eggs	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, except on apples and pears (see below). Additional applications may be made to tree foliage after harvest.
	Pear psylla	1 1/2	
Apples	Powdery Mildew	1/4 to 1/2	For most effective powdery mildew control, spray all foliage surfaces including the underside of leaves for complete coverage. Begin preventive applications before disease appears and apply at 7- to 14-day intervals. Control measures should begin at delayed dormant and continue at least until terminal growth is complete.

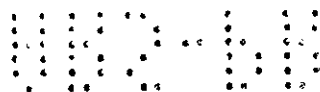
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MORESTAN 25% WP

RECOMMENDED MORESTAN APPLICATIONS (Continued)

CROP	PEST	Pounds MORESTAN 25%	REMARKS
<u>BEARING FRUIT</u> (Continued)			
<u>Post-Bloom</u>			
Apples Pears	Mites Mite eggs	West of Rocky Mts. 1/4 to 1/3	Apply specified dosage per 100 gallons of water as a full coverage spray.* Use only in air-blast sprayers equipped with high pressure pumps or in other equipment that will produce a deposit of fine, well-dispersed droplets. For most effective powdery mildew control, spray all foliage surfaces, including the underside of leaves for complete coverage. Begin preventive applications before disease appears as indicated above for pre-bloom treatments and apply at 7- to 14-day intervals. When conditions favor the development of powdery mildew, make more frequent applications and continue as needed in the cover sprays. Repeat applications as necessary but not more than 10 times per season at the low rate (1/4 lb.) and not more than 5 times per season at the high rates (1/3 lb. and 1/2 lb.) in post-bloom applications. Do not apply within 35 days of harvest. Additional applications may be made to tree foliage after harvest. (See restrictions).
Apples	Powdery Mildew	East of Rocky Mts. 1/4 to 1/2	
<u>BEARING CITRUS TREES</u>			
(Texas and Florida only) Grapefruit Oranges Lemons Tangerines	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. Do not apply more than twice per fruit crop year nor within 35 days of harvest.
<u>BEARING NAVEL ORANGE TREES</u>			
(California Arizona) (Post-harvest in fall or early winter when no fruit is present)	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 underside of leaves for complete coverage. Apply only post-harvest in fall or early winter when no fruit is present.



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MORESTAN 25% WP

RECOMMENDED MORESTAN APPLICATIONS (Continued)

CROP	PEST	Pounds MORESTAN 25%	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. 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. 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 on the following year.	
Apricots Cherries Nectarines Peaches Pears Plums Prunes Strawberries	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 after fruit begins to set. <i>CORRECTION OF THIS STATEMENT REQUESTED 24/2/72 gk</i>
<u>VEGETABLES</u>				
Cucumbers	Powdery mildew	1 to 1 1/2		Apply specified dosage per acre in sufficient water for complete coverage. 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 more than 5 times to cucumbers nor within 7 days of harvest, or more than 7 times to melons nor within 21 days of harvest.
<u>MELONS</u>				
Honeydew Muskmelon (Cantaloupe)	Powdery mildew	1 to 1 1/2	Apply specified dosage per 100 gallons of water. Spray all foliage surfaces, including the underside of leaves, for complete coverage. Repeat as necessary. Do not apply to trees that will set fruit during the current crop year.	
<u>NON-BEARING NUTS</u>				
Walnuts	Aphids Mites Mite eggs	1	Apply specified dosage per 100 gallons of water. Spray all foliage surfaces, including the underside of leaves, for complete coverage. Repeat as necessary. Do not apply to trees that will set fruit during the current crop year.	
<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 amount of MORESTAN per acre equivalent to a full coverage spray.

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MORESTAN 25% WP

RESTRICTIONS

Under some conditions, injury may occur to foliage or fruit of deciduous fruit trees.

** Do not use hand-gun spray equipment in post-bloom applications to apples and pears.

Do not tank-mix with other pesticides used on apples and pears in post-bloom applications. Preliminary observations indicate that some incompatibility may exist between MORESTAN and certain pesticides. Until additional compatibility studies have been completed, it is recommended that post-bloom applications to apples and pears be made alone.

Do not apply oils after delayed dormant where MORESTAN is to be used in pink stage. 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 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.

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. MORESTAN may cause skin irritation and, therefore, contact with skin, eyes, or clothing should be avoided. Avoid breathing of spray mist. Wash thoroughly with soap and warm water after handling.

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

WARRANTY AND LIMITATION OF DAMAGES

Chemagro Corporation 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 CORPORATION MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, and no agent of Chemagro Corporation 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.

MORESTAN is Reg. TM in U.S. and Canadian Pat. Offs. by Farbwerke Bayer A.G., Chemagro Corporation licensee.

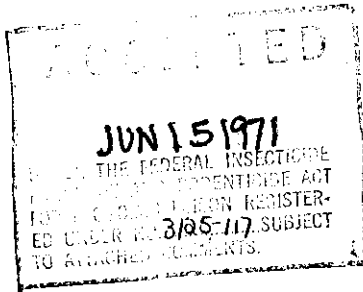
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Reason to Issue: To make further
revisions in "CAUTION" statement.

U.S. LABEL

Date of Draft: 5/18/71 (Pre-Reg.) (C)
Supersedes Draft Dated: 1/14/71

USDA Reg. No. 3125-117



(R)

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25% Wettable Powder

MITICIDE - FUNGICIDE

AMENDMENT

To Previously Registered Labeling

REVISE AS FOLLOWS:

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% Wettable Powder per 100 gal. 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.

ALL LABEL TEXT ABOVE, EXCEPT THAT WHICH IS UNDERLINED, HAS HAD PREVIOUS REGISTRATION ACCEPTANCE.