



Reg # 9288-1 PM-21  
194

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

MAY 17 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

H.R. McLane  
CAL-AG ENTERPRISES, INCORPORATED  
P.O. BOX 666  
DINUBA, CA 93618

Subject: Label Amendment Submission of 03/09/94 in Response to PR Notice 93-7  
EPA Reg. No. 9288-1  
SUPER MICRO SULF MICRONIZED WETTABLE SULFUR

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 subject to the comments reflected on the enclosed sheet. 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:**

By the next label printing make all the specified changes to your labeling. 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 Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

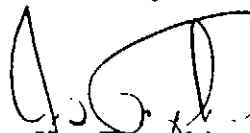
Submit the final printed labeling via the U.S. Postal Service to:

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



# MICRONIZED WETTABLE SULFUR FUNGICIDE - MITICIDE

FOR USE ON FRUITS - NUTS - CITRUS - VEGETABLES - HOPS  
SUGAR BEETS - COTTON - SEED ALFALFA - CEREAL GRAINS - PEANUTS

NET WEIGHT 25 kg = 55 POUNDS  
KEEP PRODUCT DRY

## ACTIVE INGREDIENT:

Sulfur - 80%  
INERT INGREDIENTS: 20%  
Total 100%

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
MAY 1 1994

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
9288-1

KEEP OUT OF REACH OF CHILDREN

CAUTION BEST AVAILABLE COPY

## STATEMENTS OF PRACTICAL TREATMENT

IF SWALLOWED: Give one or two glasses of water and induce vomiting by sticking finger down throat. Never give anything by mouth to an unconscious person.  
IF ON SKIN: Wash with soap and water. Get medical attention if irritation persists. IF IN EYES: Flush eyes with flowing water for at least 15 minutes. Get medical attention if irritation persists. (D 9288-1 WPS PLUS 103-10-94)

EPA Reg. No. 9288-1

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA Est. No. 44420-FR-1

Imported By Cal-Ag Enterprises, Inc. - P.O. Box 666 - 149 Tulare St. - Dinuba, CA 93618 U.S.A.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Avoid inhalation of vapors, spray or dust. Avoid contact with eyes, skin or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; shoes plus socks, and protective eyewear. 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.

### User Safety Recommendations

Users 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.

## 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 through any type of irrigation system. 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), notification to workers, 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: long sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated.

### CHEMICAL OR PHYSICAL HAZARD

Keep away from heat, sparks, or flame. Do not smoke while applying this product.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

## IMPORTANT

In order to obtain effective mite and disease control, both the upper & lower sides of plant foliage and fruit must be thoroughly covered with ENVIRO MICRO SULF spray solution. Poor spray coverage will result in poor mite and disease control. When growing crops for "processing", consult the processor before applying sulfur. Do not use on any crop unless sulfur has been shown to be safe for that crop in your locality. Sulfur may burn foliage when temperatures exceed 90 degrees F. Do not apply within 14 days of an oil spray for all crops except Citrus. For Citrus do not apply within 21 days of an oil spray.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.

## HOW TO MIX AND DIRECTIONS FOR DILUTIONS

Measure the recommended amount for the specific spray problem into a bucket. Fill the spray tank 3/4 full and then add ENVIRO MICRO SULF to the tank before other materials

## HOW MUCH TO USE

Use the lower rate - [Example: use 2 or 3 lbs. of the (2 - 6 pounds/100 gallons rate) recommendation] as indicated, during periods of minimal to moderate disease or insect infestation and for regular season cover sprays and when temperatures are up to the high 80's. Use the higher rate, therefore 4 or 6 lbs./100 gallons of water when mites or the diseases are damaging the crop and when weather conditions are favorable for their continued damage and when temperatures will not exceed 90° F within the following 3 days after spraying. Other rate is 3-5 lbs./100 gal.

## FRUIT

CROP	PEST	lbs./Gal. (gms./L)	DIRECTIONS FOR USE
APPLES & PEARS	Powdery Mildew, Scab, Blister Mites, Silver Mites, Red Spider spp	2 to 6 lbs./100 G 5 to 20 lbs./Acre	Apply Pre-Bloom and Petal Fall. Apply with cover sprays as needed throughout the season. Do not apply to McIntosh, Golden Delicious or Jonathan apples. Do not apply to D'Anjou or Comice pears.
ALMONDS, CHERRIES, PLUMS, PRUNES	Brown Rot Blossom Blight, Powdery Mildew, Leaf Spots, Silver, Flat, & Red Spider Mites spp.	2 to 6 lbs./100 G 5 to 20 lbs./Acre	Apply at bloom or early petal fall, repeat as necessary, usually 10 to 14 day intervals or after periods of wet weather for disease control. Do not apply to Filberts.
PEACHES, NECTARINES	Brown Rot Blossom Blight, Powdery Mildew, Silver and Red Spider spp	2 to 6 lbs./100 G 5 to 20 lbs./Acre	Apply at bloom or early petal fall. Repeat as necessary, usually 10 to 14 day intervals or after periods of wet weather for disease control.
CITRUS Grapefruit, Lemons, Limes, Oranges, Tangelos, Citrus Citron, Kumquats, Tangerines and Hybrids.	Flat Mites, Silver Mites, Red Spider spp	2 to 6 lbs./100 G 5 to 20 lbs./Acre	Apply in any spray, as needed for control, during season. NOT CONTAINING OIL, or following oil sprays by 21 days. Apply when mites are present in damaging numbers and repeat as needed or at 10 to 14 day intervals.
OLIVES	Bud Mites	2 lbs./100 G 5 to 20 lbs./Acre	Apply at the first signs of mite buildup. Repeat as needed or every 10 to 14 days.
AVOCADO	Brown Mites	2 to 6 lbs./100 G 5 to 20 lbs./Acre	Apply at first signs of mite build up, and repeat for control as needed or at 10 to 14 day intervals.
GRAPES	Powdery Mildew, Bud Mites, Blister Mites, Red Spider spp	2 to 6 lbs./100 G 2 to 6 lbs./acre Do not apply to Perlette varieties in bloom.	Apply late dormant or with "Cultural Spray", in early shoot period, and then through season, at 14 day cover spray intervals with, or without pesticides. In California do not enter treated fields within 24 hours unless protective clothing is worn. Laboratory varieties may be injured. See Re-Entry Statement.
BLACKBERRY (Rubus spp.)	Red Berry Mites (Eriophyes Gracilis)	3 to 5 lbs./100 G 3 to 5 lbs./acre	Start applications in early "bud swell" and repeat applications as necessary for mite control.
RASPBERRY (Rubus spp.)	Powdery Mildew (Sphaerotheca Humul)	3 to 5 lbs./100 G 3 to 5 lbs./acre	Spray each week starting at first bloom color. Continue at 10 to 14 day intervals until fruit is set, then repeat as necessary and as weather conditions require.
STRAWBERRIES	Powdery Mildew, Red Spider spp	3 to 5 lbs./100 G 3 to 5 lbs./acre	Start in early leaf stage and repeat applications at 10 to 14 day intervals or as necessary for control with or without pesticide sprays.

## VEGETABLES and FIELD CROPS

CROP	PEST	RATE	DIRECTIONS FOR USE
TOMATOES	Russet Mites	3 to 5 lbs. in water as follows AERIAL in 10 to 20 gals. water/acre GROUND RIG in 15 to 30 gals. water/acre	Thorough coverage of upper and lower sides of leaves and fruit is required for effective control. Apply when mites are present in damaging numbers and repeat at 10 to 14 day intervals as needed.
BEANS, PEAS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE	Powdery Mildew, Septoria Leaf Spot, Red Spiders spp	3 to 5 lbs. in water as follows AERIAL in 10 to 20 Gals. water/acre GROUND RIG in 15	Start in early leaf stage. Repeat application every 10 to 14 days with, or without pesticide or immediately after rain.

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed, inhaled, or absorbed through the skin. Avoid inhalation of vapors, spray or dust. Avoid contact with eyes, skin or clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants; waterproof gloves; shoes plus socks, and protective eyewear. 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.

### User Safety Recommendations

Users 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.

### 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 through any type of irrigation system. 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), notification to workers, 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: long sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear.

### ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of rinsate or equipment washwaters. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated.

### CHEMICAL OR PHYSICAL HAZARD

Keep away from heat, sparks, or flame. Do not smoke while applying this product.

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned stay out of smoke.

### IMPORTANT

In order to obtain effective mite and disease control, both the upper & lower sides of plant foliage and fruit must be thoroughly covered with ENVIRO MICRO SULF spray solution. Poor spray coverage will result in poor mite and disease control. When growing crops for "processing", consult the processor before applying sulfur. Do not use on any crop unless sulfur has been shown to be safe for that crop in your locality. Sulfur may burn foliage when temperatures exceed 90 degrees F. Do not apply within 14 days of an oil spray for all crops except Citrus. For Citrus do not apply within 21 days of an oil spray.

NOTICE: This product conforms to its chemical description and is reasonably fit for the purpose stated on the label, when used in accordance with directions under normal conditions of use. Manufacturer is not responsible for the use of this product contrary to the label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to the manufacturer and/or seller and the buyer assumes the risk of any such use.

### HOW TO MIX AND DIRECTIONS FOR DILUTIONS

Measure the recommended amount for the specific spray problem into a bucket. Fill the spray tank 3/4 full and then add ENVIRO MICRO SULF to the tank before other materials are added. To avoid possible foaming when using a suitable "approved" wetting agent, add it to the tank last. Keep spray mixture agitated while spraying. Mix only the amount of spray solution needed.

**FOR DILUTE APPLICATIONS:** Ground application: Apply specified rate in 20 to 60 gallons of water per acre. Orchard applications: Apply specified rate in 100 to 800 gallons of water per acre.

**CONCENTRATE APPLICATIONS:** Ground Application: Apply specified rate in not less than 5 gallons of water per acre. Orchard Application: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

**AIR APPLICATIONS:** Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

## ROSES

Use 5 to 6 lbs. per 100 gallons of water. For Powder Mildew and Leaf Spot when disease first appears. Repeat at 7 to 10 days intervals. Apply to plant foliage, stems and flowers. Do not over apply during full sun nor during times when temperatures exceed 90°F.

### WHEN TO USE

Apply to crops as needed in season when mites or diseases first appear and when insect "buildup" and plant disease damage is imminent. Repeat as directed for continued control. Contact your State Agricultural Extension Service for crop spray schedules giving the proper timing for spray applications in your locality.

## HOW MUCH TO USE

Use the lower rate - [Example: use 2 or 3 lbs. of the (2 - 6 pounds/100 gallons rate) recommendation] as indicated, during periods of minimal to moderate disease or insect infestation and for regular season cover sprays and when temperatures are up to the high 80's. Use the higher rate, therefore 4 or 6 lbs./100 gallons of water when mites or the diseases are damaging the crop and when weather conditions are favorable for their continued damage and when temperatures will not exceed 90° F within the following 3 days after spraying. Other rate is 3-5 lbs./100 gal.

### FRUIT

CROP	PEST	lbs./Gal. (lb./100 G)	lb./Acre (lb./100 G)	DIRECTIONS FOR USE
APPLES & PEARS	Powdery Mildew, Scab, Blister Mites, Silver Mites, Red Spider spp.	2 to 6 lbs./100 G 5 to 20 lbs./Acre		Apply Pre-Bloom and Petal Fall. Apply with cover sprays as needed throughout the season. Do not apply to McIntosh, Golden Delicious or Jonathan apples. Do not apply to D'Anjou or Comice pears.
ALMONDS; CHERRIES; PLUMS; PRUNES	Brown Rot Blossom Blight, Powdery Mildew, Leaf Spots, Silver, Flat, & Red Spider Mites Spp.	2 to 6 lbs./100 G 5 to 20 lbs./Acre		Apply at bloom or early petal fall, repeat as necessary, usually 10 to 14 day intervals or after periods of wet weather for disease control. Do not apply to Filberts.
PEACHES NECTARINES	Brown Rot Blossom Blight, Powdery Mildew, Silver and Red Spider Spp.	2 to 6 lbs./100 G 5 to 20 lbs./Acre		Apply at bloom or early petal fall. Repeat as necessary, usually 10 to 14 day intervals or after periods of wet weather for disease control.
CITRUS Grapefruit, Lemons, Limes, Oranges, Tangelos, Citrus Citron, Kumquats, Tangerines and Hybrids.	Fiat Mites, Silver Mites, Red Spider Spp	2 to 6 lbs./100 G 5 to 20 lbs./Acre		Apply in any spray, as needed for control, during season. NOT CONTAINING OIL, or following oil sprays by 21 days. Apply when mites are present in damaging numbers and repeat as needed or at 10 to 14 day intervals.
OLIVES	Bud Mites	2 lbs./100 G 5 to 20 lbs./Acre		Apply at the first signs of mite buildup. Repeat as needed or every 10 to 14 days.
AVOCADO	Brown Mites	2 to 6 lbs./100 G 5 to 20 lbs./Acre		Apply at first signs of mite buildup and repeat for control as needed or at 10 to 14 day intervals.
GRAPES	Powdery Mildew, Bud Mites, Blister Mites, Red Spider Spp	2 to 6 lbs./100 G 2 to 6 lbs./acre Do not apply to Perlette varieties in bloom.		Apply late season or with "Cultivator Spray", in early shoot period, and then through season at 14 day cover spray intervals with, or without pesticides. In California do not enter heated fields within 24 hours unless protective clothing is worn. Lubricate valves may be injured. See Re-Entry Statement.
BLACKBERRY (Rubus spp.)	Red Berry Mites (Enophyes Gracilis)	3 to 5 lbs./100 G 5 to 5 lbs./acre		Start applications in early "bud swell" and repeat applications as necessary for mite control.
RASPBERRY (Rubus spp.)	Powdery Mildew (Sphaerotheca Humuli)	3 to 5 lbs./100 G 3 to 5 lbs./acre		Spray each week starting at first bloom color. Continue at 10 to 14 day intervals until fruit is set, then repeat as necessary and as weather conditions require.
STRAWBERRIES	Powdery Mildew, Red Spider Spp	3 to 5 lbs./100 G 3 to 5 lbs./acre		Start in early leaf stage and repeat applications at 10 to 14 day intervals or as necessary for control with or without pesticide sprays.

### VEGETABLES and FIELD CROPS

CROP	PEST	RATE	DIRECTIONS FOR USE
TOMATOES	Russet Mites	3 to 5 lbs. in water as follows AERIAL: In 10 to 20 gals. water/acre GROUND RIG: In 15 to 30 gals. water/acre	Thorough coverage of upper and lower sides of leaves and fruit is required for effective control. Apply when mites are present in damaging numbers and repeat at 10 to 14 days intervals as needed.
BEANS, PEAS, BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER, COLLARDS, KALE, PEPPERS, POTATOES	Powdery Mildew, Septoria Leaf Spot, Red Spiders Spp	3 to 5 lbs. in water as follows AERIAL: In 10 to 20 Gals. water/acre GROUND RIG: In 15 to 30 gals. water/acre	Start in early leaf stage. Repeat application every 10 to 14 days with, or without pesticide or immediately after rain.
HOPS	Red Spider Spp	2 to 6 lbs./100 Gals. water 2 to 6 lbs./acre	Start applications in the early leaf stage and repeat as needed or at 10 to 14 day intervals.
SUGAR BEETS	Powdery Mildew, Red Spider Spp	3 to 5 lbs. in water as follows AERIAL: In 10 to 20 Gals. water/acre GROUND RIG: In 15 to 30 gals. water/acre	Apply at first signs of insects or disease. Repeat applications should be made at 10 to 30 day intervals or as necessary throughout the season. Under most disease conditions only one or two applications will be needed.
COTTON and SEED ALFALFA	Red Spider Spp	3 to 5 lbs. in water as follows AERIAL: In 10 to 20 Gals. water/acre GROUND RIG: In 15 to 30 gals. water/acre	Apply when mites first appear to buildup or new growth & damage to plants is imminent. Thorough spray coverage must be made to the upper and lower portions of all foliage.
PEANUTS	Powdery Mildew, Red Spider Spp	3 to 5 lbs. in water as follows AERIAL: In 10 to 20 Gals. water/acre GROUND RIG: In 15 to 30 gals. water/acre	Start in the early leaf stage and repeat applications as necessary or at 10 to 14 day intervals.
CEREALS, Corn, Wheat, Barley, Oats, Rye, Sorghum	Red Spider spp, Pacific, Atlantic, Two spotted Mite	15 lbs./Acre	Apply when mites first appear, continue as needed.

**BEST AVAILABLE COPY**