



Drexel

# Sulfur 90W

Micronized Sulfur

**ACTIVE INGREDIENT:**

Elemental sulfur ..... 90.0%

**OTHER INGREDIENTS:** ..... 10.0%

**TOTAL:** ..... 100.0%

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See **FIRST AID** Below

EPA Reg. No. 19713-238

EPA Est. No. 19713-GA-1

Net Contents: \_\_\_\_\_

### FIRST AID

**IF SWALLOWED:**

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything by mouth to an unconscious or convulsing person.

**IF IN EYES:**

- Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

**IF ON SKIN OR CLOTHING:**

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 to 20 minutes.

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

### PRECAUTIONARY STATEMENTS

**Hazards To Humans and Domestic Animals**

**CAUTION:** Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing of dust or spray mist. Avoid contact with eyes, skin or clothing.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category A on an EPA chemical-resistance category selection chart.

**Applicators and other handlers must wear:** Long-sleeved shirt and long pants, chemical-resistant gloves such as polyethylene or polyvinyl chloride, 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:** 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticides get inside. 3) Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS**

For terrestrial uses, 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. Do not contaminate water when disposing of equipment washwaters.

**PHYSICAL HAZARDS**

Keep away from heat, sparks or flame.

**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 (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, 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 (REI). The requirements in this box only apply to uses of this product that are covered by the WPS. Do not enter or allow worker entry into treated areas during the REI of 24 hours.

PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil or water is: Coveralls, chemical-resistant gloves such as polyethylene or polyvinyl chloride, shoes plus socks and protective eyewear.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses. Keep children and domestic animals off treated areas until this material has been washed into the soil.

**DIRECTIONS FOR THIS FORMULATION**

Pour needed amount into spray tank under agitation. If necessary, add a few drops of oil to avoid foaming. Application of this material through any type of irrigation equipment is prohibited.

Manufactured By:



**Drexel Chemical Company**

P.O. BOX 13327, MEMPHIS, TN 38113-0327

**SINCE 1972**

**USE PRECAUTIONS**

**IMPORTANT:** Some fruits and other plants are susceptible to injury from sulfur under certain climatic conditions. The user is advised not to use sulfur on any crop unless local use has proven that sulfur is safe in that locality. During periods of high temperatures, sulfur may burn foliage and fruit. Do not make sulfur applications at excessively high temperatures. Do not use this product with oil or within two weeks of an oil application to all crops except Citrus, for which a three-week interval is required. When this product is used with arsenicals, lime should be added to prevent plant injury.

Use of this material in a manner other than in accordance with this label may cause serious plant, crop or personal injury, excessive residues, unsatisfactory control or other unintended consequences. When growing crops for processing, consult the processor before applying this product. Consult your State Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your local conditions. As a preventive measure for light infestations, use the lower dosage rates. For heavy infestations, use the higher rates.

**APPLICATION INSTRUCTIONS**

Apply through any type of hand-held, knapsack, mechanical or pneumatic spraying equipment.

**Mixing:** Pour recommended amount into partially filled spray tank. Keep agitator running during filling and spraying operation. Do not allow mixture to stand. Failure to maintain agitation will cause this product to settle and may necessitate manual stirring to re-disperse.

**DILUTE APPLICATION**

**Field:** Specified rate in 20 to 60 gallons of water per acre.

**Orchard:** Specified rate in 100 to 800 gallons of water per acre.

**CONCENTRATED APPLICATION**

**Field:** Specified rate in 5 to 10 gallons of water per acre.

**Orchard:** Specified rate in 20 to 100 gallons of water per acre.

**AERIAL APPLICATION**

**Field:** Specified rate in 3 to 20 gallons of water per acre.

**Orchard:** Specified rate in 10 to 20 gallons of water per acre.

**FRUIT AND NUT CROPS**

Crop	Pest/Disease	Rate per Acre
Almonds	Brown rot, Leaf spot, Powdery mildew, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall and as a cover spray every 10 to 14 days or after a period of wet weather.	
	Mites (Almond, Brown, European red, Flat, Pacific, Silver, Straw-berry [Atlantic], Twospotted)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed when infestation is noted. Do not apply within 2 weeks of an oil application.	
Apples	Powdery mildew, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall, shuck and as a cover spray throughout the season.	
	Mites (Blister, European red, Twospotted)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed when infestation is noted.	
Avocados	Brown mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Bushberries (Blueberries, Currants, Huckleberries)	Powdery mildew	6 to 15 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when shoots are 6 inches long and before blossoms open. Repeat at 10-day intervals as necessary.	
Canefruits (Blackberries, Boysenberries, Dewberries, Gooseberries, Loganberries, Raspberries)	Powdery mildew	6 to 15 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when shoots are 6 inches long and before blossoms open. Repeat at 10-day intervals as necessary.	
Cherries	Brown rot blossom blight, Leaf spot, Powdery mildew, Rust	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall and as a cover spray at 7- to 14-day intervals as a post-harvest foliar treatment for Leaf spot.	
	Mites (Flat, Silver)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	

**FRUIT AND NUT CROPS (Cont.)**

Crop	Pest/Disease	Rate per Acre
Citrus	Mites (Citrus, Flat, Silver, Six-spotted, Yuma), Scale crawlers	7 to 17 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed and repeat application as necessary. Apply when pests first appear. Do not combine in spray mixture containing oil or apply for 3 weeks following an oil application.	
Dates	Banks grass mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Figs	Fig rust mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Grapes	Mites (Blister, Bud, Red spider), Powdery mildew	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply, preferably by ground equipment, beginning when shoots are 6 to 8 inches long and continuing at 7- to 10-day intervals as needed. Concord and other Labrusa type Grapes may be injured by sulfur.	
Macadamia nuts	Mites (Almond, Pacific, Red spider, Twospotted)	8 to 26 lbs.
	Broad mites (HI Only)	
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Mangoes	Powdery mildew	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin before bloom. Repeat in bloom, after fruit set and 3 weeks later or as necessary.	
Olives	Olive mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Papaya (HI)	Mites (except Carmine mites)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when Mites first appear and repeat as necessary to maintain control. Do not apply in combination with emulsifiable pesticide formulations since foliar injury is likely to result. May be applied up to 24 hours before harvest. Do not apply to low vigor, moisture-stressed plants. Do not apply prior to or during periods of excessively high temperatures, unseasonably low rainfall or within 2 weeks of an oil spray.	
Peaches, Nectarines	Brown rot blossom blight, Coryneum blight, Powdery mildew, Rust, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall and in cover spray at 7- to 14-day intervals.	
	Peach silver mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Pears	Powdery mildew, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall, shuck and as a cover spray throughout the season.	
	Mites (Blister, European red, Twospotted)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed. Sensitive varieties such as Comice and D'anjou may be injured by sulfur under certain climatic conditions.	
Pecans	Mites (Almond, Broad, Pacific, Red spider, Twospotted)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Pistachios	Citrus flat mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when Mites first appear and repeat as necessary to maintain control.	
Plums, Prunes	Brown rot blossom blight, Leaf spot, Powdery mildew, Rust, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply pre-bloom, bloom, petal fall and as a cover spray at 7- to 10-day intervals.	
	Silver mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	

**FRUIT AND NUT CROPS (Cont.)**

Crop	Pest/Disease	Rate per Acre
Pomegranates	Mites	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Quince	Brown rot, Powdery mildew, Scab	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin application at early leaf stage and repeat as necessary. Do not use on sulfur-sensitive varieties.	
Strawberries	Powdery mildew, Red spider mites	5 to 10 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin application at early leaf stage and repeat as necessary. Do not use on sulfur-sensitive varieties.	
Walnuts	Mites (Almond, European red, Pacific, Twospotted)	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed. Apply with miticide sprays to increase effectiveness. Certain varieties of Walnuts are sensitive to sulfur. Do not apply unless the variety is known to be tolerant to sulfur.	

**VEGETABLE CROPS**

Crop	Pest/Disease	Rate per Acre
Artichokes (All varieties)	Leaf spot	8 to 26 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications when disease first appears and repeat at 7- to 10-day intervals as necessary.	
Asparagus	Rust	10 to 20 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply after cutting stops and at 7- to 10-day intervals throughout the season. During the fern period, apply at 2- to 3-week intervals or with regular insect program.	
	Mites (Brown, Twospotted)	4 to 6 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply as necessary.		
Beans, Peas	Leaf spot, Powdery mildew, Rust	3 to 6 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply at first sign of infection and every 7 to 14 days as necessary.	
	Mites (Pacific, Strawberry [Atlantic], Twospotted)	3 to 6 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply as necessary.		
Carrots	Powdery mildew	5 to 10 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications at first sign of disease and repeat at 7- to 10-day intervals.	
Celery	Powdery mildew, Red spider mites, Rust	3 to 10 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications in early leaf stage. Repeat every 10 to 14 days as needed.	
Cole crops (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens)	Powdery mildew	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply beginning in early leaf stage and repeating every 10 to 14 days as needed or immediately after rain.	
	Mites (Pacific, Strawberry [Atlantic], Twospotted)	3 to 5 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply as necessary.		
Eggplants	Powdery mildew	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications when first true leaves appear. Repeat at weekly intervals as needed.	
Melons	Powdery mildew	15 to 20 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications when first true leaves appear and repeat at weekly intervals as needed. Some varieties are sensitive to sulfur, especially at high temperatures.	

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**VEGETABLE CROPS (Cont.)**

Crop	Pest/Disease	Rate per Acre
Onions, Garlic	Powdery mildew	5 to 10 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications before disease is expected to appear and repeat as necessary.	
Peppermint, Spearmint	Powdery mildew	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when Mint is 5 to 6 inches tall or when disease appears. Repeat twice, at 30-day intervals. Do not apply within 30 days of harvest.	
Peppers	Leaf spot, Powdery mildew	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications at early leaf stage and repeat every 10 to 14 days as necessary.	
Potatoes	Leaf spot, Powdery mildew	3 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when disease first appears and repeat at 3- to 4-week intervals as needed.	
	Twospotted mites	3 to 8 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply as necessary.		
Rutabagas	Powdery mildew, Red spider mites, Rust	3 to 10 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications in early leaf stage. Repeat every 10 to 14 days as needed.	
Spinach	Powdery mildew, Rust	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when disease first appears. Repeat at 7- to 10-day intervals as needed.	
Table beets	Powdery mildew, Red spider mites	4 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications at 10- to 30-day intervals as soon as the first symptoms appear.	
Tomatoes	Tomato russet mites	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications when infestation first occurs and repeat as necessary.	
Turnips	Powdery mildew, Red spider mites	4 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply at early leaf stage and repeat every 14 days as necessary.	

**FIELD CROPS**

Crop	Pest/Disease	Rate per Acre
Alfalfa	Mites	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as necessary. Repeat at 2-week intervals as necessary.	
Clover	Powdery mildew, Red spider mites	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as necessary.	
Corn, Sorghum	Powdery mildew	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when disease appears and repeat as necessary.	
	Mites (Pacific, Twospotted)	3 to 5 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply when infestation first appears, repeating as necessary.		
Cotton	Mites (Red spider, Strawberry [Atlantic])	6 to 9 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply beginning when infestation first occurs and every 7 to 14 days as necessary.	
Cowpeas	Rust	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications soon after seedlings emerge. Repeat at 7- to 10-day intervals as needed throughout the season.	
Flax	Powdery mildew	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin applications at first sign of disease. Repeat at 7- to 10-day intervals or as necessary.	

## FIELD CROPS

Crop	Pest/Disease	Rate per Acre
Grass seed crops	Timothy mites	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed.	
Hops	Mites	2 to 4 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply as needed for Mite suppression.	
Peanuts	Leaf spot, Powdery mildew, Rust	3 to 5 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply beginning in early leaf stage and repeating every 10 to 24 days as necessary.	
Small grains (Barley, Oats, Rye, Wheat)	Powdery mildew	3 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when disease appears and repeat as necessary.	
	Mites (Pacific, Strawberry [Atlantic])	3 to 8 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply as needed.		
Soybeans	Powdery mildew	3 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply when disease appears and repeat as necessary.	
	Mites (Pacific, Strawberry [Atlantic], Twospotted)	3 to 8 lbs.
TIMING/SPECIFIC DIRECTIONS: Apply beginning when infestation is first noted, repeating as necessary.		
Sugar beets	Powdery mildew, Red spider mites	3 to 15 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply beginning when disease first appears, repeating at 3- to 4-week intervals as necessary.	
Vetch	Rust	2 to 8 lbs.
	TIMING/SPECIFIC DIRECTIONS: Begin at first sign of disease. Repeat at 7- to 10-day intervals as needed.	

## SPECIALTY CROPS

Crop	Pest/Disease	Rate per Acre
Kava (Awa, Kawa)	Carmine spider mites	8 to 20 lbs.
	TIMING/SPECIFIC DIRECTIONS: Apply in sufficient amount of water for airblast sprayers to thoroughly cover all leaf surfaces. As a broadcast or directed spray, apply in 100 gals. of water per acre making sure to achieve complete coverage of upper and lower leaf surfaces. For severe infestations, apply at 7- to 10-day intervals. For control and prevention, apply at 14- to 21-day intervals.	

## FLOWERS AND ORNAMENTALS

**APPLICATION:** To control Red spider mites and the diseases listed below, use this product as a spray, applying 2 to 8 pounds per acre by ground or 2 to 17 pounds by air. Applications should be made at 5- to 6-day intervals, beginning when the disease or Mites first appear and continuing until all danger from the disease or from Mites has passed. During periods of humid or rainy weather it may be necessary to make applications as often as every 2 to 3 days.

FLOWERS AND ORNAMENTALS	CONTROLS
Aster, Chrysanthemum, Cosmos, Dahlia, Daisy, Delphinium, Dogwood, Euonymus, Golden fleece, Hibiscus, Honeysuckle, Hydrangea, Lady's mantle, Ligustrum, Lilac, Crepe myrtle, Phlox, Poplar, Rose, Silver vine, Spiraea, Sunflower, Verbena, Willow, Zinnia	Powdery mildew
Arborvitae, Carnation, Cedars, Chrysanthemums, Clematis, Hydrangea, Rose, Snapdragon, Sweetpeas	Red spider mites
Calendula, Cherry laurel, Clematis, Columbine, English ivy, Foxglove, Hydrangea, Petunia, Phlox, Sage, Similax, Snapdragon	Leaf spot
Hydrangea	Botrytis blight
Rose	Black spot

## HOME AND GARDEN USE DIRECTIONS

**APPLICATION:** To control the diseases and Mites listed below, use this product as a spray at a rate of 2 to 4 tablespoons per gallon of water or as a dust at a rate of 16 ounces per 1,000 square feet. Applications should begin when the disease or Mites first appear and continue at 7- to 14-day intervals until all danger from the disease or Mites has passed. During periods of humid or rainy weather, it may be necessary to make applications as often as every 2 to 3 days. Make full coverage applications on both sides of leaves. Apply to plant foliage, stems and flowers to leave a "barely visible" dust. Do not over-apply during full sun nor during times when temperatures exceed 90°F.

**USE PRECAUTIONS:** Do not apply within 2 weeks of an oil application and do not apply oil for two weeks (three weeks for Citrus) after an application of this product. Injury may occur under adverse climatic conditions. Some varieties of some vegetables, fruit trees and ornamentals are sensitive to sulfur. Consult State Agricultural Experiment Station or the State Agricultural Extension Service for sensitive plants and additional information as the timing, number and rate of application needed will vary with local conditions.

FLOWERS AND ORNAMENTALS	CONTROLS
Alder, Azalea, Buttonbush, Catalpa, Cosmos, Dahlia, Daisy, Delphinium, Dogwood, Euonymus, Golden fleece, Hibiscus, Honeysuckle, Horse chestnut, Lady's mantle, Ligustrum, Lilac, Linden, Matrimony vine, Crepe myrtle, Poplar, Rhododendron, Staghorn sumac, Silver vine, Spiraea, Sweetpea, Sunflower, Sycamore, Trumpetvine, Verbena, Willow, Witch hazel, Zinnia	Powdery mildew
Arborvitae, Cedar, Sweetpea	Red spider mites
Aster	Powdery mildew, Rust
Calendula, Cherry laurel, Columbine, English ivy, Foxglove, Petunia, Sage, Similax	Leaf spot
Carnation	Red spider mites, Rust
Chrysanthemum	Powdery mildew, Red spider mites, Rust
Clematis	Leaf spot, Red spider mites
Hydrangea	Botrytis blight, Leaf spot, Powdery mildew, Red spider mites
Phlox	Leaf spot, Powdery mildew
Rose	Black spot, Powdery mildew, Red spider mites, Rust
Snapdragon	Leaf spot, Red spider mites, Rust

FRUITS AND NUTS	CONTROLS
Almonds	Brown rot, Leaf spot, Mites, Powdery mildew, Scab
Apples, Pears	Mites, Powdery mildew, Scab
Avocados	Mites
Bushberries (Blueberries, Currants, Huckleberries)	Powdery mildew
Canefruits (Blackberries, Boysenberries, Dewberries, Gooseberries, Loganberries, Raspberries)	Powdery mildew
Cherries	Brown rot blossom blight, Leaf spot, Mites, Powdery mildew, Rust
Citrus, Figs, Macadamias, Olives, Pecans, Pistachios, Pomegranates, Walnuts	Mites
Grapes	Mites, Powdery mildew
Mangoes, Strawberries	Powdery mildew
Nectarines, Peaches	Brown rot blossom blight, Coryneum blight, Mites, Powdery mildew, Rust, Scab
Plums, Prunes	Brown rot blossom blight, Leaf spot, Mites, Powdery mildew, Rust, Scab
Quince	Brown rot blossom blight, Powdery mildew

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VEGETABLES	CONTROLS
Artichokes	Leaf spot
Asparagus	Rust, Mites
Beans, Peas	Leaf spot, Mites, Powdery mildew, Rust
Carrots, Eggplants, Garlic, Melons, Onions, Peppermint, Spearmint	Powdery mildew
Celery, Rutabagas	Mites, Powdery mildew, Rust
Cole crops such as (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens)	Mites, Powdery mildew
Peppers	Leaf spot, Powdery mildew
Potatoes	Leaf spot, Mites, Powdery mildew
Spinach	Powdery mildew, Rust
Table beets	Mites, Powdery mildew
Tomatoes	Mites
Turnips	Mites, Powdery mildew

**GREENHOUSE USE**

**CROP/SITE:** To be applied to the listed crops grown in greenhouse. See crop list below.

Arugula, African yam bean, Allspice, Aloe, Amaranth, Asparagus, Bambara groundnut, Banana, Banana pink jumbo squash, Barley, Beans, Beets, Benzo leaf, Bottle gourd, Broad-bean, Broccoli, Brussels sprouts, Buffalo gourd, Butter bean, Cabbage, Cacao, Cantaloupe, Caraway, Carrots, Cassava, Cauliflower, Celery, Chaya, Chayote, Chervil, Chicory, Chinese cabbage, Chives, Cilantro, Coconut palm, Cocoyam, Coffee, Coriander, Corn, Cotton, Cowpeas, Cucumber, Date palm, Dill, Eggplant, Endive, Fava beans, Flax, Gamma grass, Garden bean, Garlic, Globe artichoke, Golden barrel cactus, Gopher plant, Grape, Grapefruit tree, Green bean, Groundnut, Guar, Guayule, Halophytes, Jerusalem artichoke, Jicama, Joboba, Kale, Kenaf, Kohlrabi, Lablab bean, Lavendar, Leek, Lemon balm, Lemon tree, Lentils, Lettuce, Leucaena, Lima bean, Lime tree, Luffa gourd, Lupine, Malabar spinach, Marama bean, Marigold, Mesquite, Millet, Mint, Moth bean, Mung bean, Mushrooms, Mustard greens, Nasturtium, Nettle melon, Oats, Ocotillo, Okra, Onion, Orange tree, Oregano, Pak-Choi, Palmer's grass, Panic grass, Papaya, Parsley, Passion fruit, Peach palm, Peanuts, Peas, Pepper, Peppermint, Pickleweed, Pigeon peas, Pineapple, Potatoes, Prickly Pear, Psoralea, Pumpkin, Quinoa, Radicchio, Radish, Rape, Rice, Rice bean, Rosemary, Rye, Safflower, Saffron, Sage, Saghuro, Sago, Scarlet runner bean, Snake gourd, Snap bean, Sorghum, Soybean, Spinach, Squash, Strawberry, Sugar cane, Summer savory, Summer squash, Sunflower, Sweet basil, Sweet Marjoram, Sweet potato, Tangerine, Taro, Tarragon, Tarwi, Tepary bean, Thyme, Tobacco, Tomato, Triticale, Vanilla, Vigna, Water hyacinth, Watercress, Watermelon, Wheat, Winged bean, Winter melons, Winter savory, Yam, Yam bean, Yard-long bean and Ye-eb.

**CONTROLS:** Mites (Broad, Brown, Citrus, Fist, Pacific, Russet, Rust, Silver, Sixspotted, Strawberry [Atlantic], Tomato), Powdery mildew, Rust.

**APPLICATION RATES - DRY**

Mites (Brown, Twospotted) . . . . . 4 to 6 pounds per acre  
Mites (Pacific, Strawberry [Atlantic]) . . . . . 3 to 6 pounds per acre  
Tomato russet mite . . . . . 2 to 5 pounds per acre  
Mites (Citrus, Fist, Rust, Silver, Sixspotted, Yuma) . . . . . 2 to 4 pounds per 100 gallons  
Scale crawlers . . . . . 2 to 4 pounds per 100 gallons  
Powdery mildew . . . . . 15 to 20 pounds per acre  
Rust . . . . . 10 to 20 pounds per acre

**APPLICATION FREQUENCY**

Repeat sprays as necessary.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Storage should be under lock and key and secure from access by unauthorized persons and children. Storage should be in a cool, dry area away from any heat or ignition source. Do not stack over 2 pallets high. Move bags carefully so as not to tear or puncture. Do not move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Do not allow bags to become wet or to be stored in a damp, humid area. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original container only. If the contents are leaking or material is spilled, follow these steps:  
1. Collect and place in suitable containers for disposal.  
2. Wash area with soap and water to remove remaining pesticides.  
3. Follow washing with clean water rinse.  
4. Do not allow runoff to enter sewer or contaminate water supplies.  
5. Dispose of waste as indicated below.  
**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 bag in a sanitary landfill or by incineration or, if allowed by State and Local authorities, by burning. If burned, stay out of smoke.  
**CONTAINER DISPOSAL:** (For Residential/Household Uses):  
**If empty:** Do not reuse this container. Place in trash or offer for recycling if available.  
**If partly filled:** Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

**WARRANTY— CONDITIONS OF SALE**

OUR RECOMMENDATIONS FOR USE of this product are based upon tests believed reliable. Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the Seller. Buyer assumes all risks of use, storage and handling of this material in strict accordance with directions given herewith. In no case shall the Manufacturer or the Seller be liable for consequential, special or indirect damages resulting from the use or handling of this product when such use and/or handling is not in strict accordance with directions given herewith. The foregoing is a condition of sale by the Seller and is accepted as such by the Buyer.

# HISTORY PAGE (Micronized GOLD - 238SP)

**8-16-00** — Set up Master Label, Water-Soluble Label and Dry Label. Made standard format changes throughout text. Changed the print codes to • **238MSP-0800**, • **238WSP-0800**, • **238DSP-0800** to reflect changes made. (JLK)

**10-17-00** — Added SLN information on KAVA. Made format changes throughout. Changed the print codes to •**238MSP-1000**, • **238WSP-1000**, • **238DSP-1000**. (JLK)

**11-9-00** — **(PENDING FILE)** Made 6 corrections per EPA letter (10-19-00): <sup>1</sup>Insert under PPE & Change waterproof gloves in <sup>2</sup>PPE & <sup>3</sup>Agricultural Use box. Correct spelling on 3 <sup>(4,5,6)</sup>Greenhouse crops. Replace Crops with charted information. Changed the print code to • **238SP-1100** — **PENDING** to reflect changes made. (JLK)

**10-22-01** - (A)238M and (C)238DSP - Inserted "Greenhouse Uses", inserted new page, renumbered pages. jan.

**10-30-01** - MASTER - Change all printcodes to "1001", add and delete spacing and fixed "continued"s and inserted "No of Water Soluble Paks" information. WSP - inserted "No of Water Soluble Paks" information. Delete pages 16 thru 22 - Pending label. jan.

**04-29-02** - Created pending file-•**238DSP-0402++Pending** from •238DSP-1001++Pending. 1) Revised First Aid Statements per PRN 2001-1. 2) Revised "made of waterproof material" to "such as polyethylene or polyvinyl chloride". 4) Correct "Condition" to "Conditions of Sale". 5) Inserted "Directions for this formulation" section after the Non-Ag Use Requirements box. (FCL)

**05-07-02** - Deleted water-soluble information in chart and in text throughout specimen. cev.

**07-09-02** - Deleted effluent statement per EPA letter dated 27/06/02. Changed print code to **238DSP-0702++** to reflect changes accepted by EPA. cev.

**10-28-02** - Modified the Storage and Disposal statement per PRN 2001-6 as noted. Changed printcode to **238DSP-1002++** to reflect changes made. cev