



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

December 11, 2019

Luz G. Chan  
Registration Manager  
Drexel Chemical Company  
P.O. Box 13327  
Memphis, TN 38113-0327

Subject: Label Amendment – Label Revisions  
Product Name: Drexel Suffa  
EPA Registration Number: 19713-39  
Application Date: 10/07/2019  
Decision Number: 556474

Dear Ms. Chan:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. “To distribute or sell” is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

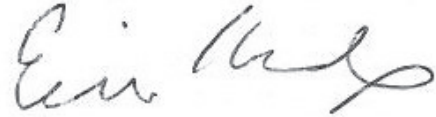
Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, please contact Marc Sheahin by phone at 703-347-8639, or via email at [sheahin.marc@epa.gov](mailto:sheahin.marc@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft". The signature is fluid and cursive, with the first name "Erik" being more prominent than the last name "Kraft".

Erik Kraft, Product Manager 24  
Fungicide and Herbicide Branch  
Registration Division (7505P)  
Office of Pesticide Programs

Enclosure

**ACCEPTED**

12/11/2019

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 19713-39

SULFUR

GROUP

M

FUNGICIDE

**Drexel**

**Suffa**

A Flowable 6 Pound Elemental Sulfur

**ACTIVE INGREDIENT:**

Elemental Sulfur..... 52.0%

**OTHER INGREDIENTS:**..... 48.0%

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

This product contains 6 pounds of sulfur per gallon.

**GUARANTEED ANALYSIS:**

Sulfur (S) 52.0%  
52% Free Sulfur (S) Derived from elemental sulfur.

**NET CONTENT:**

2.5 gal (9.46 l)  
Density @ 68°F: XXX lb/gal

**F1743**

Information about the components of this lot of fertilizer material may be obtained by writing to Drexel Chemical Company, P.O. Box 13327, Memphis, TN 38113-0327, and giving the lot number found on the container. Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.htm>.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

[See FIRST AID Below]  
[See Side Panel for FIRST AID]  
[See Back Panel for FIRST AID]  
[See Page \_\_\_ for FIRST AID]  
[See Attached Booklet for Complete Directions for Use]  
[SHAKE WELL BEFORE USING]  
[RECIRCULATE CONTENTS BEFORE USE]

EPA Reg. No. 19713-39  
EPA Est. No. 19713-XX-X

Net Content: \_\_\_\_\_ Gals. ( \_\_\_\_\_ L)

**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 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.
- Call a poison control center or doctor for treatment advice.

**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. You may also call CHEMTREC at 800-424-9300 for emergency medical treatment information.

39SP-1219\*

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Causes eye and skin irritation. Harmful if swallowed. Avoid breathing of spray mist. **DO NOT** get in eyes, on skin or on clothing. May cause irritation of nose, throat and skin. Avoid contact with eyes, skin and clothing.

### PERSONAL PROTECTIVE EQUIPMENT (PPE)

**Applicators and other handlers must wear:** Long-sleeved shirt and long pants, chemical-resistant gloves made of any waterproof material including polyethylene or polyvinyl chloride, shoes plus socks and protective eyewear.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

## USER SAFETY RECOMMENDATIONS

**Users should:** 1) Wash thoroughly before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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.

## ENVIRONMENTAL HAZARDS

**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 rinsate or equipment washwater.

## 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 (WPS), 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 (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, including plants, soil, or water is: Coveralls, chemical-resistant gloves made of any waterproof material including 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 Worker Protection Standard (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 unprotected persons and domestic animals out of the treated area until sprays have dried.

## USE INFORMATION

SUFFA is a flowable sulfur formulation that may be applied by ground or aerial spray application equipment. Consult your State Agricultural Extension specialist for advice in selecting treatments from this label to best fit local conditions. **DO NOT** combine with emulsifiable liquids except on dormant sprays or delayed dormant spray applications. Use only on crops listed and only as specified on this label, except on Cotton, **DO NOT** apply when temperatures exceed or are likely to exceed 90°F. **DO NOT** use sulfur with oil or within 14 days of an oil spray (for Citrus – 21 days).

**Note:** Sulfur will cause severe fruit and leaf injury to sulfur-sensitive crops. **DO NOT** apply or allow to drift to Apricots, D'Anjou or other sensitive plants. Sulfur may burn foliage and fruit during periods of high temperatures and under certain climatic conditions. This product can be mixed and applied with liquid fertilizers or water.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

SULFUR	GROUP	<b>M</b>	FUNGICIDE
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For resistance management, this product contains a Group M\* fungicide. Any fungal population may contain individuals naturally resistant to this product and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of this product or other Group M fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Drexel Chemical Company at (901) 774-4370. You can also contact your pesticide distributor or university extension specialist to report resistance.

\*The multi-site contact activity grouping, designated by the symbol "M", comprises a collection of various chemicals that act as general toxophores with several sites of action. These sites may differ between group members. Fungicides in Group M resistance classification are generally considered as a low risk group without any signs of resistance developing to the fungicides in this Group.

### MANDATORY SPRAY DRIFT

#### AERIAL APPLICATIONS:

- DO NOT release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use one-half swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- DO NOT apply when wind speeds exceed 10 miles per hour at the application site.
- DO NOT apply during temperature inversions.

#### GROUND APPLICATIONS:

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- DO NOT apply when wind speeds exceed 10 miles per hour at the application site.
- DO NOT apply during temperature inversions.

#### BOOMLESS GROUND APPLICATIONS:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- DO NOT apply when wind speeds exceed 10 miles per hour at the application site.
- DO NOT apply during temperature inversions.

## SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

### IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

### **Controlling Droplet Size - Ground Boom**

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

### **Controlling Droplet Size - Aircraft**

- Adjust Nozzles - Follow nozzle manufacturer's recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

### **BOOM HEIGHT**

Ground Boom: Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.

### **RELEASE HEIGHT - AIRCRAFT**

Higher release heights increase the potential for spray drift. When applying aerially to crops, **DO NOT** release spray at a height greater than 10 feet above the crop canopy, unless a greater application height is necessary for pilot safety.

### **SHIELDED SPRAYERS**

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### **TEMPERATURE AND HUMIDITY**

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### **TEMPERATURE INVERSIONS**

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### **WIND**

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.** Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### **BOOMLESS GROUND APPLICATIONS**

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

### **HANDHELD TECHNOLOGY APPLICATIONS**

Take precautions to minimize spray drift.

## **CHEMIGATION INSTRUCTIONS**

Apply this product through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set or hand move irrigation system(s). **DO NOT** apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, contact State Extension Service specialists, equipment manufacturers or other experts. **DO NOT** connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

## **CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS**

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional, reduced pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, discharge the water from the public water system into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.

System must use a metering pump, including a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

When mixing, fill nurse tank half full with water. Add this product slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Add stickers, spreaders, insecticides, nutrients, etc. last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the label of all products used in mixtures. **DO NOT STOP AGITATION WITH SULFUR IN SPRAY EQUIPMENT. SULFUR IS HIGHLY CORROSIVE. CLEAN EQUIPMENT THOROUGHLY AFTER EACH DAY'S SPRAYING.**

### **SPRINKLER CHEMIGATION**

The system must contain a functional check valve, vacuum relief valve and low pressure drain approximately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. Systems must use a metering pump, including a positive displacement injection (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. **DO NOT** apply when wind speed favors drift beyond the area intended for treatment.

When mixing, fill nurse tank half full with water. Add this product slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Add stickers, spreaders, insecticides, nutrients, etc. last. If compatibility is in question, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all precautions and limitations on the label of all products used in mixtures. **DO NOT STOP AGITATION WITH SULFUR IN SPRAY EQUIPMENT. SULFUR IS HIGHLY CORROSIVE. CLEAN EQUIPMENT THOROUGHLY AFTER EACH DAY'S SPRAYING.**

**Use Precautions:** Corrosion of aluminum and carbon steel irrigation sprinkler systems may be experienced with the use of sulfur fungicides. The end-user assumes all responsibility for use of this product through such systems. If the user elects to apply this product through such systems, it is essential that all application equipment containing this product be thoroughly flushed with CLEAN WATER after each day's use. Continue to operate system with clean water until all product has cleared the last sprinkler head.

### **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.

Certain varieties of Apples, Pears, Strawberries, Curcubits, and Spinach are susceptible to injury under certain climatic conditions.

During periods of high temperatures sulfur may burn foliage and fruit. **DO NOT** make sulfur application at excessively high temperatures. **DO NOT** use this product with oil or within four (4) weeks of an oil application, unless otherwise noted under specific crop directions for use.

Use of this material in a manner other than in accordance with this label may cause serious plant, crop or other personal injury, excessive residues, unsatisfactory control or other unintended consequences. When dosage rates are given in ranges, use the proper rate depending on severity of infection or infestation.

Consult your State Agricultural Experiment Station or State Extension Service Specialist for complete details on the spraying program best suited to your local conditions.

### MIXING INSTRUCTIONS

Pour specified 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 redisperse.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

### DIRECTIONS FOR DILUTION UNLESS STATED

#### Dilute Application

**Ground:** 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

**Ground:** 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

Apply specified rate in 3 to 20 gallons of water per acre. For orchards, apply specified rate in 10 to 20 gallons of water per acre

### CROPS USE DIRECTIONS

#### FRUIT AND NUT CROPS

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Almonds	Brown rot, Blossom and Twig blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Almond, Atlantic, Brown, European red, Flat, Pacific, Red spider, Silver, Twospotted)	1.3 to 4.0 (7.8 to 24.0)
	USE INSTRUCTIONS: Apply as bloom or early petal fall spray at 10 to 14 day intervals or after a period of wet weather.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 4 gals. of this product (24 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.4 gals. of this product (62.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Apples, Pears	Scab	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Use as pre-bloom through calyx spray. Minimum retreatment interval is 7 days.	
	Scab	0.75 to 2.5 (4.5 to 15.0)
	USE INSTRUCTIONS: Use as a cover spray at minimum 7 day intervals.	
	Mites (Blister, European red, Red spider, Twospotted), Powdery mildew	3.0 to 5.0 (18.0 to 30.0)
	USE INSTRUCTIONS: Use as pre-bloom through calyx spray. Minimum retreatment interval is 7 days.	
	Mites (Blister, European red, Red spider, Twospotted), Powdery mildew	2.0 to 2.5 (12.0 to 15.0)
USE INSTRUCTIONS: Use as a cover spray. Minimum retreatment interval is 7 days.		
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5 gals. of this product (30 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.5 gals. of this product (63.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		



Apples, Pears (Dormant, Delayed Dormant or Post-harvest)	Mites (Blister, Red spider, Twospotted), Pear psylla	1.3 to 2.6 (7.8 to 15.6)
	USE INSTRUCTIONS: Apply with suitable spray oil post-harvest and during the dormant periods of bud development. Minimum retreatment interval is 7 days. <b>DO NOT</b> apply to sensitive varieties of Pears except at these stages.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.6 gals. of this product (15.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.4 gals. of this product (62.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days.		
Avocados	Brown mites	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Apply as necessary. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.0 gals. of this product (54.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Bananas, Pineapples	Mites	1.3 to 4.0 (7.8 to 24.0)
	SPECIFIC DIRECTIONS: Apply as needed. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 4.0 gals. of this product (24.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.1 gals. of this product (54.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Blackberries, Blueberries, Boysenberries, Currants, Dewberries, Gooseberries, Huckleberries, Loganberries, Raspberries	Powdery mildew, Mites (Red berry on Raspberry)	1.0 to 2.5 (6.0 to 15.0)
	USE INSTRUCTIONS: Apply when shoots are 6 inches long and before blossoms open. Repeat at 10 day intervals as necessary. <b>For Raspberries:</b> Apply each week from first bloom to fruit set.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.5 gals. of this product (15.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.0 gals. of this product (54.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Cherries	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	0.75 to 5.0 (4.5 to 30.0)
	USE INSTRUCTIONS: Apply as petal fall, shuck and cover sprays. Minimum retreatment interval is 7 days.	
	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Apply as pink and bloom sprays. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.5 gals. of this product (63.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Citrus (Australian desert lime; Australian finger lime; Australian round lime; Brown River finger lime; Calamondin; Citron; Citrus hybrids; Grapefruit; Kumquat; Lemon; Lime; Mediterranean mandarin; Mount white lime; New Guinea wild lime; Orange (sour); Orange (sweet); Pummelo; Russel River lime; Satsuma mandarin; Sweet lime; Tachibana orange; Tahiti lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliate orange; Uniq fruit; Cultivars, varieties and/or hybrids of these)	Mites (Broad, Bud, Citrus, Clover, Flat, Red spider, Rust, Silver, Sixspotted, Twospotted, Yuma) Scale crawlers, Thrips	1.0 to 8.0 (6.0 to 40.0)
	USE INSTRUCTIONS: Apply when pest first appears and repeat application if necessary. Minimum retreatment interval is 7 days. For aerial application, use sufficient water for good coverage. <b>DO NOT</b> apply within 21 days of an oil application.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 8.0 gals. of this product (40.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 21 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 21.0 gals. of this product (126.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

Dates	Banks grass mites	0.75 to 1.75 (4.5 to 10.5)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.75 gals. of this product (10.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 28 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 21.0 gals. of this product (126.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Figs	Mites (Almond, Eriophyid, European red, Fig rust, Pacific, Red spider)	0.6 to 7.5 (3.6 to 45.0)
	USE INSTRUCTIONS: Apply when Mites first appear. Minimum retreatment interval is 7 days. <b>Note:</b> Effectiveness of sulfur may vary in different localities. Consult State Agricultural Experiment Station as to the effectiveness before use.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 7.5 gals. of this product (45.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.2 gals. of this product (49.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Grapes	Mites (Blister, Bud, Red spider)	0.25 to 1.6 (1.5 to 9.6)
	USE INSTRUCTIONS: Apply at budburst. Wet thoroughly. <b>Note:</b> Concord and other Labrusca type Grapes may be injured. Minimum retreatment interval is 7 days.	
	Phomopsis, Powdery mildew	0.8 to 1.0 (4.8 to 6.0)
	USE INSTRUCTIONS: Apply at 7 to 14 day intervals according to the stage of development of vegetation and intensity of attack. Apply 0.8 gallon per acre before flowering and 1 gallon per acre of this product after flowering. <b>Note:</b> Concord and other Labrusca type Grapes may be injured.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.6 gals. of this product (9.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 27 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.75 gals. of this product (40.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Macadamia	Mites (Almond, Broad, Pacific, Red spider, Twospotted)	1.3 to 2.6 (7.8 to 15.6)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.6 gals. of this product (15.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.1 gals. of this product (54.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Mangoes	Powdery mildew	1.3 to 5.0 (7.8 to 30.0)
	USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 4 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.2 gals. of this product (31.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Olives	Olive mites	1.3 to 10.0 (7.8 to 60.0)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days. <b>DO NOT</b> use in hot weather as crop and foliage damage may result.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 10.0 gals. of this product (60.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 11.7 gals. of this product (70.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Papaya	Mites (except Carmine spider mites)	0.75 to 1.75 (4.5 to 10.5)
	USE INSTRUCTIONS: Apply when Mites first appear and repeat as necessary to maintain control. Minimum retreatment interval is 7 days. <b>DO NOT</b> apply in combination with emulsifiable pesticide formulations since foliar injury is likely to result. <b>DO NOT</b> apply to low vigor, moisture-stressed plants. May be applied up to 24 hours before harvest. <b>DO NOT</b> apply during periods of excessively high temperatures, unseasonable low rainfall or within two weeks of an oil spray.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.75 gals. of this product (10.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.5 gals. of this product (63.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

Peaches, Nectarines	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Apply as pink and bloom sprays. Minimum retreatment interval is 7 days. <b>Note:</b> Application to mature Nectarines may cause discoloration.	
	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	0.75 to 5.0 (4.5 to 30.0)
	USE INSTRUCTIONS: Apply as petal fall, shuck and cover sprays. Minimum retreatment interval is 7 days. <b>Note:</b> Application to mature Nectarines may cause discoloration.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.5 gals. of this product (63.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Pecans	Leaf spots, Mites (Almond, Broad, Eriophyid, Flat, Hickory, Pacific, Pecan, Red spider, Silver, Twospotted), Powdery mildew, Sooty mold	0.6 to 2.6 (3.6 to 15.6)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days. <b>Note:</b> Some varieties of Pecans are sensitive to sulfur under certain conditions. <b>DO NOT</b> apply unless variety is known to be tolerant.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.6 gals. of this product (15.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.2 gals. of this product (25.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Pistachios	Mites (including Citrus flat mite)	1.3 to 8.25 (7.8 to 49.5)
	USE INSTRUCTIONS: Apply when Mites first appear and repeat as needed. Minimum retreatment interval is 7 days. May be applied by ground or air. Lower rates and more frequent applications are advised when temperatures exceed 95°F in order to avoid crop injury.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 8.25 gals. of this product (49.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.1 gals. of this product (54.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Plums, Prunes	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Apply as pink and bloom sprays. Minimum retreatment interval is 7 days.	
	Blossom blight, Brown rot, Coryneum blight, Leaf spot, Powdery mildew, Rust, Scab, Mites (Flat, Red spider, Silver)	0.75 to 5.0 (4.5 to 30.0)
	USE INSTRUCTIONS: Apply as petal fall, shuck and cover sprays. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.5 gals. of this product (63.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Pomegranate	Mites	0.5 to 1.3 (3.0 to 7.8)
	USE INSTRUCTIONS: Begin applications in May or June. Make additional applications on a 3 to 4 week schedule or as needed. If past Mite damage has been high, use higher rates. Lower rates and more frequent applications are advised when temperatures exceed 95°F in order to avoid crop injury. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.5 gals. of this product (51.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Quince	Brown rot blossom blight, Powdery mildew, Scab	1.3 to 9.75 (7.8 to 58.5)
	USE INSTRUCTIONS: Begin before disease is expected to appear. Repeat at 7 to 10 day intervals or as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 9.75 gals. of this product (58.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 10.4 gals. of this product (62.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

Strawberries	Mites (Red spider, Twospotted), Powdery mildew	0.6 to 1.6 (3.6 to 9.6)
	USE INSTRUCTIONS: Begin application at early leaf stage and repeat as necessary. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> DO NOT apply more than 1.6 gals. of this product (9.6 lbs. a.i.) per acre per application. DO NOT apply more than 14 applications per year when applied at the lowest specified rate. DO NOT apply more than 8.4 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Walnuts	Mites (Almond, Broad, European red, Pacific, Red spider, Twospotted)	1.3 to 3.3 (7.8 to 19.8)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days. Certain varieties of Walnuts are sensitive to sulfur. DO NOT apply unless the variety is known to be sulfur- tolerant.	
<b>USE RESTRICTIONS:</b> DO NOT apply more than 3.3 gals. of this product (19.8 lbs. a.i.) per acre per application. DO NOT apply more than 7 applications per year when applied at the lowest specified rate. DO NOT apply more than 9.1 gals. of this product (54.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

## VEGETABLE CROPS

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Artichokes	Leaf spot	1.3 to 5.6 (7.8 to 33.6)
	USE INSTRUCTIONS: Begin when disease first appears and repeat at 7 to 10 day intervals as necessary.	
<b>USE RESTRICTIONS:</b> DO NOT apply more than 5.6 gals. of this product (33.6 lbs. a.i.) per acre per application. DO NOT apply more than 5 applications per year when applied at the lowest specified rate. DO NOT apply more than 6.5 gals. of this product (39.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Asparagus	Rust	1.3 to 4.0 (7.8 to 24.0)
	USE INSTRUCTIONS: Apply in sufficient water for thorough coverage after cutting stops at 7 to 10 day intervals. Irrigate and cultivate before sulfur application.	
	Mites (Brown, Twospotted)	0.6 to 1.0 (3.6 to 6.0)
	USE INSTRUCTIONS: Apply as necessary. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> DO NOT apply more than 4.0 gals. of this product (24.0 lbs. a.i.) per acre per application. DO NOT apply more than 14 applications per year when applied at the lowest specified rate. DO NOT apply more than 8.4 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Beans (Broad bean; Garbanzo; Guar; Jackbean; Lablab; Lentil; <i>Lupinus</i> spp. - Includes Grain, Sweet, White, White sweet; <i>Phaseolus</i> spp. – includes Field, Kidney, Lima, Navy, Pinto, Runner, Snap, Tepary, Wax; Soybean (Edamame); Sword bean; <i>Vigna</i> spp. – includes Adzuki, Asparagus, Blackeyed pea, Catjang, Chinese longbean, Crowder pea, Moth bean, Mung, Rice bean, Southern pea, Urd, Yardlong bean)	Leaf spot, Powdery mildew, Rust	0.3 to 1.1 (1.8 to 6.6)
	USE INSTRUCTIONS: Apply in sufficient water for thorough coverage at first sign of infection and every 7 to 14 days as needed.	
	Mites (Pacific, Red spider, Strawberry, [Atlantic], Twospotted), Thrips	0.3 to 1.1 (1.8 to 6.6)
	USE INSTRUCTIONS: Apply as necessary. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> DO NOT apply more than 1.1 gals. of this product (6.6 lbs. a.i.) per acre per application. DO NOT apply more than 20 applications per year when applied at the lowest specified rate. DO NOT apply more than 6.0 gals. of this product (36.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Carrots	Mites (Petrobria), Powdery mildew	0.3 to 1.6 (1.8 to 9.6)
	USE INSTRUCTIONS: Apply at early leaf stage and repeat at 14 day intervals as necessary.	

<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.6 gals. of this product (9.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 19 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.7 gals. of this product (34.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 14 days. This product may be applied up to the day of harvest.		
Celery	Powdery mildew, Red spider mites, Rust	0.4 to 1.5 (2.4 to 9.0)
	USE INSTRUCTIONS: Apply at early leaf stage. Repeat application every 10 to 14 days as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.5 gals. of this product (9.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 2.4 gals. of this product (14.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Cole crops (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens)	Mites (Broad, Pacific, Red spider, Strawberry [Atlantic], Twospotted), Powdery mildew, Rust	0.3 to 1.3 (1.8 to 7.8)
	USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.2 gals. of this product (25.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Cucurbits (Cucumber, Melons, Squash)	Powdery mildew	0.3 to 4.0 (1.8 to 24.0)
	USE INSTRUCTIONS: Apply when disease first appears and repeat at 7 day intervals or as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 4.0 gals. of this product (24.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.0 gals. of this product (36.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Eggplant	Powdery mildew	0.3 to 5.6 (1.8 to 33.6)
	USE INSTRUCTIONS: Begin when first true leaves appear. Repeat at weekly intervals or as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.6 gals. of this product (33.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.7 gals. of this product (34.3 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Kohlrabi	Mites (Red spider), Powdery mildew	0.4 to 1.3 (2.4 to 7.8)
	USE INSTRUCTIONS: Apply at early leaf stage. Repeat at 10 to 14 day intervals or as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 11 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.4 gals. of this product (26.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Lettuce (Head, Leaf)	Mites (Red spider), Powdery mildew, Rust	0.6 to 0.75 (3.6 to 4.5)
	USE INSTRUCTIONS: Apply at early leaf stage and repeat at 14 day intervals or as necessary. Ensure thorough coverage.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 0.75 gals. of this product (4.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 4 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 2.4 gals. of this product (14.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 14 days. This product may be applied up to the day of harvest.		
Okra	Powdery mildew	0.25 to 0.5 (1.5 to 3.0)
	USE INSTRUCTIONS: Apply when disease first appears and repeat at 7 day intervals or as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 0.5 gals. of this product (3.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 33 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.25 gals. of this product (49.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Onions, Dry Onions, Dry Shallots, Garlic	Mites (Petrobia), Powdery mildew	0.4 to 1.3 (2.4 to 7.8)
	USE INSTRUCTIONS: Apply when disease and pests first appear and repeat as needed. Minimum retreatment interval is 7 days.	

<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.8 gals. of this product (40.8 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Peas (Pigeon pea; <i>Pisum</i> spp.- includes Dwarf, Edible pod, English, Field, Garden, Green, Snow, Sugar snap)	Mites (Broad, Pacific, Red spider, Strawberry [Atlantic], Twospotted), Powdery mildew, Rust, Septoria leafspot USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	0.3 to 1.3 (1.8 to 7.8)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.0 gals. of this product (36.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Peppermint Tops, Spearmint Tops	Powdery mildew USE INSTRUCTIONS: Apply when Mint is 5 to 6 inches tall or when disease appears. Repeat twice at 30 day intervals.	0.5 to 0.75 (3.0 to 4.5)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 0.75 gals. of this product (4.5 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 1.8 gals. of this product (10.8 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. <b>DO NOT</b> apply within 30 days of harvest.		
Peppers ( <i>Capsicum</i> spp.- includes Bell, Chili, Cooking, Pimento, Sweet)	Mites (Broad, Pacific, Red spider, Rust, Strawberry [Atlantic], Twospotted), Powdery mildew, Rust USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	0.3 to 1.3 (1.8 to 7.8)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.0 gals. of this product (36.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Potatoes	Mites (Atlantic, Broad, Pacific, Red spider, Strawberry, Twospotted), Powdery mildew, Rust USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	0.3 to 1.3 (1.8 to 7.8)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 2.7 gals. of this product (16.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Rutabagas	Mites (Atlantic, Broad, Pacific, Red spider, Strawberry, Twospotted), Powdery mildew, Rust USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	0.3 to 1.3 (1.8 to 7.8)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.2 gals. of this product (25.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Spinach	Powdery mildew, Rust USE INSTRUCTIONS: Apply when disease first appears. Repeat at 7 to 10 day intervals or as needed.	0.6 to 5.0 (3.6 to 30.0)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 5 applications per year. when applied at the lowest specified rate. <b>DO NOT</b> apply more than 3.0 gals. of this product (18.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Sweet Potato	Leaf spot, Mites (Red spider), Powdery mildew USE INSTRUCTIONS: Apply at early leaf stage. Repeat at 14 day intervals or as needed.	0.4 to 0.6 (2.4 to 3.6)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 0.6 gals. of this product (3.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 2.8 gals. of this product (16.8 lbs. a.i.) per acre per year. Minimum retreatment interval is 14 days. This product may be applied up to the day of harvest.		
Swiss chard, Salsify, Endive, Escarole	Mites (Red spider), Powdery mildew, Rust USE INSTRUCTIONS: Apply at early leaf stage. Repeat at 7 to 14 day intervals or as needed.	0.5 to 0.8 (3.0 to 4.8)
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 0.8 gals. of this product (4.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 3.0 gals. of this product (18.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

Table beets	Powdery mildew, Red spider mites	0.4 to 1.1 (2.4 to 6.6)
	USE INSTRUCTIONS: Apply at 10 to 30 day intervals as soon as first symptoms appear.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.1 gals. of this product (6.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 3.6 gals. of this product (21.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		
Tomatoes	Mites (Tomato russet, Twospotted), Powdery mildew	0.25 to 1.3 (1.5 to 7.8)
	USE INSTRUCTIONS: Begin when infestation first occurs and repeat as necessary. Apply as full coverage. Minimum retreatment interval is 7 days.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 33 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.25 gals. of this product (49.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Turnips, Parsnips, Horseradish, Radish	Mites (Atlantic, Broad, Pacific, Red spider, Strawberry, Twospotted), Powdery mildew, Rust	0.3 to 1.3 (1.8 to 7.8)
	USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.2 gals. of this product (25.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of harvest.		

## FIELD CROPS

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Alfalfa (including Seed alfalfa)	Mites (Atlantic, Pacific, Red spider, Strawberry, Twospotted), Lygus	0.5 to 3.3 (3.0 to 19.8)
	USE INSTRUCTIONS: Apply as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 3.3 gals. of this product (19.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.5 gals. of this product (51.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Barley, Oat, Rye, Wheat	Mites (Atlantic, Grass banks, Pacific, Red spider, Strawberry, Twospotted), Powdery mildew	0.6 to 2.5 (3.6 to 15.0)
	USE INSTRUCTIONS: Apply as full coverage when disease or infestation first occurs and repeat as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.5 gals. of this product (15.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 11 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.6 gals. of this product (39.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Clover	Powdery mildew, Spider mites	0.25 to 4.0 (1.5 to 24.0)
	USE INSTRUCTIONS: Apply at first sign of disease or infestation and repeat as necessary. Repeat as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 4.0 gals. of this product (24.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Cool Season Forage Grasses (including Timothy, Orchard grass, Fescues, Sudan, Bermuda, Bluegrass, and Bromegrass)	Mites (including Banks grass mites)	0.6 to 1.3 (3.6 to 7.8)
	USE INSTRUCTIONS: Apply at first sign of Mites. Continue applications at 7 day intervals or as needed until Mites are below economic levels. The addition of adjuvants (spreaders, surfactants, etc.) can increase the chance of crop injury and is not advised. <b>By Air:</b> Use the specified rate in a minimum of 3 gallons of water per acre. <b>By Ground:</b> Use the specified rate in a minimum of 20 gallons of water per acre.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.4 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

Corn, Sorghum	Mites (Atlantic, Grass banks, Pacific, Red spider, Strawberry, Twospotted), Powdery mildew	0.6 to 2.5 (3.6 to 15.0)
	USE INSTRUCTIONS: Apply as full coverage when disease or infestation first occurs and repeat as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.5 gals. of this product (15.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 11 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 6.6 gals. of this product (39.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Cotton	Mites (Atlantic, Pacific, Red spider, Strawberry, Twospotted), Lygus	0.3 to 1.3 (1.8 to 7.8)
	USE INSTRUCTIONS: Apply as full coverage when infestation first occurs and repeat as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 28 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.6 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Cowpeas	Rust	0.25 to 4.0 (1.5 to 24.0)
	USE INSTRUCTIONS: Apply beginning soon after seedling emergence. Repeat at 7 to 10 day intervals as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 4.0 gals. of this product (24.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 4.25 gals. of this product (25.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Flax	Powdery mildew	0.5 to 5.0 (3.0 to 30.0)
	USE INSTRUCTIONS: Apply at first sign of disease. Repeat at 7 to 10 day intervals or as necessary.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 16 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.0 gals. of this product (48.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Grass seed crops	Timothy mites	0.5 to 5.0 (3.0 to 30.0)
	USE INSTRUCTIONS: Apply as needed at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 5.0 gals. of this product (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 16 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.0 gals. of this product (48.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Hops	Mites, including European red, Pacific, Red spider (suppression only)	0.3 to 7.5 (1.8 to 45.0)
	USE INSTRUCTIONS: Apply when infestation first occurs and repeat as necessary at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 7.5 gals. of this product (45.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 30 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 9.0 gals. of this product (54.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Peanuts	Leaf spot, Powdery mildew, Rust, Mites (Red spider, Twospotted)	0.3 to 1.1 (1.8 to 6.6)
	USE INSTRUCTIONS: Apply as full coverage spray at early leaf stage and repeat as necessary at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.1 gals. of this product (6.6 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.1 gals. of this product (30.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Soybeans	Leaf spot, Powdery mildew, Mites (Atlantic, Pacific, Strawberry, Twospotted)	0.5 to 2.0 (3.0 to 12.0)
	USE INSTRUCTIONS: Apply as full coverage spray at early leaf stage and repeat as necessary at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 2.0 gals. of this product (12.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 5 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 2.5 gals. of this product (15.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		



Sugar beets	Powdery mildew, Red spider mites	0.3 to 1.0 (1.8 to 6.0)
	USE INSTRUCTIONS: Apply at first sign of infestation, repeating at 3 to 4 week intervals. Use full coverage spray.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.0 gal. of this product (6.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 28 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.4 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 21 days. This product may be applied up to the day of harvest.		
Sugarcane	Rust	0.3 to 1.0 (1.8 to 6.0)
	USE INSTRUCTIONS: Apply when needed in sufficient water for thorough coverage at 7 day intervals.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 1.0 gal. of this product (6.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 28 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 8.4 gals. of this product (50.4 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		
Vetch	Rust	4.0 to 6.5 (2.4 to 39.0)
	USE INSTRUCTIONS: Apply at first sign of disease and repeat at 7 to 10 day intervals as needed.	
<b>USE RESTRICTIONS:</b> <b>DO NOT</b> apply more than 6.5 gals. of this product (39.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 13 applications per year when applied at the lowest specified rate. <b>DO NOT</b> apply more than 5.2 gals. of this product (31.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.		

## FLOWERS AND ORNAMENTALS

**Application:** To control Twospotted and Red spider mites and diseases (black spot, blight, brown canker, leaf spot, powdery mildew, rust) on Flowers and Ornamentals including those listed below, apply 2 to 10 pints of this product (1.5 to 7.5 lbs. a.i.) in 100 gallons of water by ground application or 2 to 20 pints of this product (1.5 to 15.0 lbs. a.i.) by air.

Apply this product at 5 to 10 day intervals beginning when disease or infestation first appears. It may be necessary to apply this product as often as every 2 to 3 days during periods of humid or rainy weather.

**USE RESTRICTIONS:** **DO NOT** apply more than 10 pints of this product (7.5 lbs. a.i.) per application. **DO NOT** apply more than 27 applications per year at the lowest specified rate. **DO NOT** apply more than 54.0 pints (6.75 gals.) of this product (40.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 2 days.

Flowers and Ornamentals	Mites and Diseases Controlled
Arborvitae, Carnation, Cedar, Chrysanthemum, Clematis, Hydrangea, Rose, Snapdragon, Sweet pea	Red spider mites
Aster, Calendula, Cherry laurel, Chrysanthemum, Clematis, Columbine, Cosmos, Crepe myrtle, Dahlia, Daisy, Delphinium, Dogwood, English ivy, Euonymus, Foxglove, Gladiolus, Golden fleece, Hibiscus, Hollyhock, Honeysuckle, Hydrangea, Lady's mantle, Laurel, Ligustrum, Lilac, Petunia, Phlox, Poplar, Sage, Silver vine, Smilax, Snapdragon, Spiraea, Sunflower, Sweet pea, Verbena, Violets, Willow, Witch hazel, Zinnia	Leaf spot, Powdery mildew
Hydrangea	Botrytis blight
Rose	Black spot, Brown canker, Leaf spot, Powdery mildew, Rust, Mites

## TURF

This product can be used on all types and applications on Turf, including Golf putting/non-putting greens, Golf course fairways and roughs, lawns in residential areas, lawns around commercial and industrial buildings and professional and collegiate athletic fields, and sod farms.

To suppress Fusarium patch in Bentgrass, Bluegrass, Fescue and Ryegrass and take-all in Bentgrass, apply as needed from September through May as preventive measure before disease outbreak. Thorough coverage is needed. Use 0.4 to 7.3 gallons of this product (2.4 to 43.8 lbs. a.i.) per acre. Apply the higher rate when weather favors disease development or when temperatures are below 80°F.

**USE PRECAUTION:** This product can cause decline of *Poa annua*.

**USE RESTRICTIONS: DO NOT** apply more than 7.3 gallons of this product (43.8 lbs. a.i.) per acre per application. **DO NOT** apply more than 19 applications per year at the lowest specified rate. **DO NOT** apply more than 7.6 gallons of this product (45.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days.

### **CHIGGER CONTROL**

For control of chiggers in yard, cover entire lawn, flower garden, shrubs and any place chiggers may hide. Apply this product 1 or 2 days before protection is desired and repeated at weekly intervals. Use 2 to 4 pints (1.5 to 3.0 lbs. a.i.) per 1000 square feet in sufficient water for thorough coverage.

**USE RESTRICTIONS: DO NOT** apply more than 4 pints of this product (3.0 lbs. a.i.) per 1000 square feet per application. **DO NOT** apply more than 36 applications per 1000 square feet per year when applied at the lowest specified rate. **DO NOT** apply more than 72.0 pints (9 gals.) of this product (54 lbs. a.i.) per 1000 square feet per year. Minimum retreatment interval is 7 days.

### **FOR USE IN ANIMAL AREAS**

**Dogs and Domestic Livestock (Equine, Sheep, Cattle, Swine and Goats):** To control Fleas and Ticks, apply 20 gallons (120 lbs. a.i.) per 20,000 sq. ft. as a spray (1 to 2 gallons per 100 gallons of water). Apply thoroughly to all interior surfaces of quarters. Force sprays into cracks and crevices. Repeat application as needed.

**USE RESTRICTIONS: DO NOT** apply more than 20 gallons of this product (120 lbs. a.i.) per 20,000 square feet per application. **DO NOT** apply more than 8 applications per 20,000 square feet per year. **DO NOT** apply more than 160 gallons of this product (960 lbs. a.i.) per 20,000 square feet per year. Minimum retreatment interval is 7 days.

### **POULTRY AND POULTRY HOUSES**

**(Chickens, Turkeys, Ducks, Geese, Game birds and Pigeons): Mites -** To control depluming Mites, apply 20 gallons (120 lbs. a.i.) per 20,000 sq. ft. as a spray (1 to 2 gallons per 100 gallons of water). Apply thoroughly to all interior surfaces of quarters. Force spray into cracks and crevices. Repeat application as needed.

**USE RESTRICTIONS: DO NOT** apply more than 20 gallons of this product (120 lbs. a.i.) per 20,000 square feet per application. **DO NOT** apply more than 8 applications per 20,000 square feet per year. **DO NOT** apply more than 160 gallons of this product (960 lbs. a.i.) per 20,000 square feet per year. Minimum retreatment interval is 7 days.

### **HOME AND GARDEN USE DIRECTIONS**

**APPLICATION:** To control the following diseases and Mites, use this product as a spray at a rate of 1.5 to 2.5 fluid ounces (3 to 5 tbsp.) (0.07 to 0.12 lb. a.i.) per gallon of water. Begin applications when the disease infection or Mites first appear and continue at 7 to 14 day intervals until all danger from the disease or Mites is past. During periods of humid or rainy weather, it may be necessary to make applications as often as every 2 or 3 days. Make full coverage on both sides of leaves. **DO NOT** over-apply during full sun nor during times when temperatures exceed 90°F.

**USE PRECAUTIONS:** Some varieties of some vegetables, fruit trees and ornamentals are sensitive to sulfur. Injury may occur under adverse climatic conditions. Consult your State Agricultural Experiment Station or the State Agricultural Extension Service for a list of sulfur sensitive plants and for additional information as to the timing, number and rate of application needed for your local conditions.

**USE RESTRICTIONS: DO NOT** apply more than 2.5 fluid ounces (5 tbsp.) (0.12 lb. a.i.) per gallon of water per 1000 square feet per application. **DO NOT** apply more than 6 applications per 1000 square feet per year at the lowest specified rate. **DO NOT** apply more than 19.84 fluid ounces of this product (0.93 lb. a.i.) per 1000 square feet per year. Minimum retreatment interval is 2 days. **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.

## FLOWERS AND ORNAMENTALS

Flowers and Ornamentals	Mites and Diseases Controlled
Alder, Azalea, Buttonbush, Calendula, Catalpa, Cherry laurel, Columbine, Cosmos, Crepe myrtle, Dahlia, Daisy, Delphinium, Dogwood, English ivy, Euonymus, Foxglove, Gladiolus, Golden fleece, Hibiscus, Hollyhock, Honeysuckle, Horse chestnut, Lady's mantle, Ligustrum, Lilac, Linden, Matrimony vine, Petunia, Phlox, Poplar, Rhododendron, Sage, Staghorn sumac, Silver vine, Smilax, Spiraea, Sunflower, Sweet pea, Sycamore, Trumpetvine, Verbena, Violets, Willow, Witch hazel, Zinnia	Leaf spot, Powdery mildew
Arborvitae, Cedars, Sweet pea	Red spider mites
Aster	Leaf spot, Powdery mildew, Rust
Carnation	Leaf spot, Red spider mites, Rust
Chrysanthemum	Powdery Mildew, Red spider mites, Rust
Clematis	Powdery Mildew, Red spider mites, Rust
Hydrangea	Botrytis blight, Leaf spot, Powdery mildew, Red spider mites
Rose	Black spot, Brown canker, Powdery mildew, Red spider mites, Rust
Snapdragon	Leaf spot, Red spider mites, Rust

## FRUIT AND NUT CROPS

Fruits and Nuts	Mites and Diseases Controlled
Almonds	Brown rot, Leaf spot, Mites, Powdery mildew, Scab
Apples, Pears	Mites, Powdery mildew, Scab
Avocados	Mites
Bushberries (Blueberries, Currants, Huckleberries)	Powdery mildew
Cane fruits (Blackberries, Boysenberries, Dewberries, Gooseberries, Loganberries)	Powdery mildew
Cherries	Brown rot blossom blight, Leaf spot, Mites, Powdery mildew, Rust
Citrus (Australian desert lime; Australian finger lime; Australian round lime; Brown River finger lime; Calamondin; Citron; Citrus hybrids; Grapefruit; Kumquat; Lemon; Lime; Mediterranean mandarin; Mount white lime; New Guinea wild lime; Orange (sour); Orange (sweet); Pumello; Russel River lime; Satsuma mandarin; Sweet lime; Tachibana orange; Tahiti lime; Tangelo; Tangerine (mandarin); Tangor; Trifoliolate orange; Uniq fruit; Cultivars, varieties and/or hybrids of these), Figs, Macadamia nuts, Olives, Pecans, Pistachios, Pomegranates, Walnuts	Mites
Grapes	Mites, Powdery mildew
Mangoes, Raspberries, Strawberries	Powdery mildew
Nectarines, Peaches, Plums, Prunes	Brown rot blossom blight, Coryneum blight, Mites, Powdery mildew, Rust, Scab
Quince	Brown rot blossom blight, Powdery mildew

## VEGETABLES

Vegetables	Mites and Diseases Controlled
Artichokes	Leaf spot
Asparagus	Mites, Rust
Beans: Broad bean; Garbanzo; Guar; Jackbean; Lablab; Lentil; <i>Lupinus</i> spp. - Includes Grain, Sweet, White, White sweet; <i>Phaseolus</i> spp. – includes Field, Kidney, Lima, Navy, Pinto, Runner, Snap, Tepary, Wax; Soybean (Edamame); Sword bean; <i>Vigna</i> spp. – includes Adzuki, Asparagus, Blackeyed pea, Catjang, Chinese longbean, Crowder pea, Moth bean, Mung, Rice bean, Southern pea, Urd, Yardlong bean	Leaf spot, Mites, Powdery mildew, Rust
Carrots, Eggplant, Garlic, Melons, Onions, Peppermint tops, Spearmint tops	Powdery mildew
Celery, Rutabagas	Mites, Powdery mildew, Rust
Cole crops (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens)	Mites, Powdery mildew
Peas: Pigeon pea; <i>Pisum</i> spp.- includes Dwarf, Edible pod, English, Field, Garden, Green, Snow, Sugar snap	Leaf spot, Mites, Powdery mildew, Rust
Peppers: <i>Capsicum</i> spp.- includes Bell, Chili, Cooking, Pimento, Sweet	Leaf spot, Mites, Powdery mildew
Potatoes	Leaf spot, Mites, Powdery mildew
Spinach	Powdery mildew, Rust
Table beets	Mites, Powdery mildew
Tomatoes	Mites
Turnips	Mites, Powdery mildew

## NUTRIENT USE

This product contains sulfur, which is essential for plant growth. When applied as directed, this product can be considered a necessary component of the total plant nutrient profile. This product may be applied as a nutrient supplement to any crop listed on this label at rates given in the directions for use for that crop. Your local agricultural authorities including State Experimental Station or Extension Specialist may be a reliable source for additional information pertaining to this use. Some crops may be damaged by sulfur under certain climatic conditions. Refer to the "USE INFORMATION" section of this label.

## AS SOIL TREATMENT

This product may be applied using ground equipment, aircraft or sprinkler irrigation. When leaf and soil tests are not available, use the rates in the table below. Most crops need 1 pound of sulfur for every 10 pounds of nitrogen. Adjust the rates below accordingly if other forms of sulfur are used. When applied to the soil, this product can be mixed with fertilizer or water. Use 1 to 3 gallons of this product per acre depending on the nitrogen requirement of the crop.

Purpose (All Crops)	Rate of This Product (Gal./Ac.)
For maintenance applications	1.0 (6.0 lbs. a.i.)
For moderate deficiency	1.0 to 2.0 (6.0 to 12.0 lbs. a.i.)
For severe deficiency	2.0 to 3.0 (12.0 to 18.0 lbs. a.i.)

## STORAGE AND DISPOSAL

**DO NOT** contaminate water, food or feed by storage and disposal.

**PESTICIDE STORAGE:** Store under lock and key in a ventilated room and secure from access by unauthorized persons and children. Store in a cool, dry area away from any heat or ignition source. **DO NOT** stack plastic containers over 2 pallets high. Move containers by handles or case. **DO NOT** move containers from one area to another unless they are securely sealed. Keep container tightly sealed when not in use. Keep away from any puncture source. Avoid storage near water supplies, food, feed and fertilizer to avoid contamination. Store in original containers only. If the contents are leaking or material is spilled, follow these steps:

1. Contain spill. Absorb with a material like sawdust, clay granules or dirt.
2. Collect and place in suitable containers for disposal.
3. Wash area with soap and water to remove remaining pesticide.
4. Follow washing with clean water rinse.
5. Place leaking container in a plastic tub and transfer contents, as soon as possible, to an empty, original container.
6. **DO NOT** allow runoff to enter sewer or contaminate water supplies.
7. Dispose of waste as indicated below:

**PESTICIDE DISPOSAL:** To avoid waste, use all materials in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often, such programs are run by State or local governments or by industry).

### CONTAINER HANDLING:

**Nonrefillable Container (rigid material; ≤ 5 gallons):** Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container one-fourth full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

**Nonrefillable Container (rigid material; > 5 gallons up to < 250 gallons):** Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container one-fourth full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

**Refillable Container (≥ 250 gallons & Bulk):** Refillable container. Refill this container with pesticide only. **DO NOT** reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Offer for recycling, if available, or dispose of empty container in a sanitary landfill or by or by other procedures allowed by state and local authorities.

### For Residential/Household Use:

**PESTICIDE DISPOSAL:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**CONTAINER DISPOSAL:** Nonrefillable container. **DO NOT** reuse or refill this container. **If empty**, place in trash or offer for recycling if available. **If partially filled**, call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## **WARRANTY—CONDITIONS OF SALE**

OUR DIRECTIONS 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 specified, and other influencing factors in the use of this product are beyond the control of the Seller. To the extent consistent with applicable law, Buyer assumes all risks of use, storage and handling of this material not in strict accordance with directions given herewith. To the extent consistent with applicable law, 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. To the extent consistent with applicable law, the foregoing is a condition of sale by Manufacturer and is accepted as such by the Buyer.

Manufactured By:



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