SULFUR | GRO

GROUP

FUNGICIDE

## **IVC SUPER SIX LIQUID SULFUR**

#### **ACTIVE INGREDIENT:**

Elemental Sulfur	52.0%
OTHER INGREDIENTS:	48.0%
TOTAL:	100.0%

This product contains 6 pounds of sulfur per gallon.

# KEEP OUT OF REACH OF CHILDREN CAUTION

SHAKE WELL BEFORE USING RECIRCULATE CONTENTS BEFORE USE

#### 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.



Distributed By: INNVICTIS® CROP CARE, LLC 1880 Fall River Drive, Suite 100 Loveland, CO 80538

EPA Reg. No. 89167-109-89391





#### 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 evewer.

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

IVC SUPER SIX LIQUID SULFUR 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 crope 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 M FUNGICIDE

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 he 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 Innvictis Crop Care at (855) 466-8428. 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 MITIGATION

#### AFRIAL 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 posticides and canable of being fitted with a system interfock.

**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, putrients, 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 THOROLIGHLY AFTER FACH DAY'S SPRAYING.

#### SPRINKLER CHEMICATION

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 offit 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 algitation 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, CI FAN EQUIPMENT THOROLIGHLY AFTER FACH 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, Curcurbits, 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

Стор	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 pe	riod of wet weathe
	cre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the lowest spe per year. Minimum retreatment interval is 10 days. This product may be applied up to the day of h	
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	ys.
	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	ays.
	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.	
	cre per application. <b>D0 N0T</b> apply more than 14 applications per year when applied at the lowest s per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the d	
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 Minimum retreatment interval is 7 days. <b>DO NOT</b> apply to sensitive varieties of Pears except at the	f bud developmer ese stages.
<b>USE RESTRICTIONS: DO NOT</b> apply more than 2.6 gals. of this product (15.6 lbs. a.i.) p <b>DO NOT</b> apply more than 10.4 gals. of this product (62.4 lbs. a.i.)	per acre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the lowes per acre per year. Minimum retreatment interval is 7 days.	t specified rate.
Avocados	Brown mites	1.5 to 5.0 (9.0 to 30.0)
	USE INSTRUCTIONS: Apply as necessary. Minimum retreatment interval is 7 days.	
	ner acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowes er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day	
Bananas, Pineapples	Mites	1.3 to 4.0 (7.8 to 24.0)
	SPECIFIC DIRECTIONS: Apply as needed. Minimum retreatment interval is 7 days.	
	er acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowes ber acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the da	

Сгор	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
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 as necessary.  For Raspberries: Apply each week from first bloom to fruit set.	at 10 day intervals
	er acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowe cre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day o	
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 retreatr days.	nent interval is 7
	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)
Ĭ	USE INSTRUCTIONS: Apply as pink and bloom sprays. Minimum retreatment interval is 7 days.	
	er acre per application. <b>D0 NOT</b> apply more than 14 applications per year when applied at the le per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the Mites (Broad, Bud, Citrus, Clover, Flat, Red spider, Rust, Silver, Sixspotted, Twospotted, Yuma)	
(Australian desert lime; Australian finger lime; Australian round	Scale crawlers, Thrips	(6.0 to 40.0)
	USE INSTRUCTIONS: Apply when pest first appears and repeat application if necessary. Minimum is 7 days. For aerial application, use sufficient water for good coverage. <b>DO NOT</b> apply with application.	
USE RESTRICTIONS:	er acre per application. <b>DO NOT</b> apply more than 21 applications per year when applied at the l	awant appoifind rata
	per acre per application. <b>DO NOT</b> apply more than 21 applications per year when applied at the reper acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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.	
	per acre per application. <b>D0 NOT</b> apply more than 28 applications per year when applied at the I per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to th	
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>N</b> sulfur may vary in different localities. Consult State Agricultural Experiment Station as to the effec	

**DO NOT** apply more than 7.5 gals. of this product (45.0 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.

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Grapes	Mites (Blister, Bud, Red spider)	0.25 to 1.6 (1.5 to 9.6)
	USE INSTRUCTIONS: Apply at budburst. Wet thoroughly.  Note: Concord and other Labrusca type Grapes may be injured. Minimum retre	eatment 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 de attack. Apply 0.8 gallon per acre before flowering and 1 gallon per acre of this   <b>Note:</b> Concord and other Labrusca type Grapes may be injured.	
	9.6 (bs. a.i.) per acre per application. <b>DO NOT</b> apply more than 27 applications per year when a (40.5 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be	
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>DO NOT</b> apply more than 9.1 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 a 54.6 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be a	
Mangoes	Powdery mildew	1.3 to 5.0 (7.8 to 30.0)
Mangoes	Powdery mildew  USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day	(7.8 to 30.0)
JSE RESTRICTIONS: DO NOT apply more than 5.0 gals. of this product (		(7.8 to 30.0) intervals.
USE RESTRICTIONS: DO NOT apply more than 5.0 gals. of this product on NOT apply more than 5.2 gals. of this product of the NOT apply more than 5.2 gals.	USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day 30.0 lbs. a.i.) per acre per application. <b>D0 N0T</b> apply more than 4 applications per year when a	(7.8 to 30.0) intervals.
USE RESTRICTIONS: DO NOT apply more than 5.0 gals. of this product on NOT apply more than 5.2 gals. of this product of the NOT apply more than 5.2 gals.	USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day (30.0 lbs. a.i.) per acre per application. <b>DO NOT</b> apply more than 4 applications per year when a (31.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be a	(7.8 to 30.0) intervals.  pplied at the lowest specified rate. pplied up to the day of harvest.  1.3 to 10.0 (7.8 to 60.0)
DO NOT apply more than 5.2 gals. of this product of the product of	USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day  30.0 lbs. a.i.) per acre per application. <b>D0 N0T</b> apply more than 4 applications per year when a 31.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be a Olive mites  USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days.	pplied at the lowest specified rate.  pplied up to the day of harvest.  1.3 to 10.0  (7.8 to 30.0)  1.3 to 10.0  (7.8 to 60.0)  5. DO NOT use in hot weather as cr
JSE RESTRICTIONS:  00 NOT apply more than 5.0 gals. of this product on the product of the produc	USE INSTRUCTIONS: Begin applications before flowering, continuing at 20 day  30.0 lbs. a.i.) per acre per application. <b>D0 NOT</b> apply more than 4 applications per year when a 31.2 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be a Olive mites  USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days and foliage damage may result.	pplied at the lowest specified rate.  pplied up to the day of harvest.  1.3 to 10.0  (7.8 to 30.0)  1.3 to 10.0  (7.8 to 60.0)  5. DO NOT use in hot weather as cr

**DO NOT** apply more than 1.75 gals. of this product (10.5 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 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.

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
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 <b>Note:</b> Application to mature Nectarines may cause discoloration.	7 days.
	per acre per application. <b>D0 NOT</b> apply more than 14 applications per year when applied at the lc per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
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 var sensitive to sulfur under certain conditions. <b>DO NOT</b> apply unless variety is known to be tolerant.	ieties of Pecans ar
	ner acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lowes core per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of	
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 retreatmer May be applied by ground or air. Lower rates and more frequent applications are advised when to 95 °F in order to avoid crop injury.	
	per acre per application. <b>DO NOT</b> apply more than 7 applications per year when applied at the lower icre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of	
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.
	per acre per application. <b>D0 NOT</b> apply more than 14 applications per year when applied at the lc per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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 needed. If past Mite damage has been high, use higher rates. Lower rates and more frequent appl when temperatures exceed 95 °F in order to avoid crop injury. Minimum retreatment interval is 7	ications are advise
	r acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lowes cre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of	

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
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.
	per acre per application. <b>DO NOT</b> apply more than 8 applications per year when applied at the laper acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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 is 7 days.	retreatment interval
	r acre per application. <b>D0 N0T</b> apply more than 14 applications per year when applied at the lowe er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the d	
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 varies sensitive to sulfur. <b>DO NOT</b> apply unless the variety is known to be sulfur- tolerant.	eties of Walnuts are
USE RESTRICTIONS:		

#### 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 neces	sary.
	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.	

**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.

#### USE RESTRICTIONS:

**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.

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Beans (Broad bean; Garbanzo; Guar; Jackbean; Lablab; Lentil; <i>Lupinus</i>	Leaf spot, Powdery mildew, Rust	0.3 to 1.1 (1.8 to 6.6)
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	USE INSTRUCTIONS: Apply in sufficient water for thorough coverage at first sign of infection an as needed.	d every 7 to 14 day
Adzuki, Asparagus, Blackeyed pea, Catjang, Chinese longbean, Crowder pea, Moth bean, Mung, Rice bean, Southern pea, Urd,	Mites (Pacific, Red spider, Strawberry, [Atlantic], Twospotted), Thrips	0.3 to 1.1 (1.8 to 6.6)
Yardlong bean) USE RESTRICTIONS:	USE INSTRUCTIONS: Apply as necessary. Minimum retreatment interval is 7 days.	
DO NOT apply more than 1.1 gals. of this product (6.6 lbs. a.i.) per	r acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the low per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
Carrots	Mites (Petrobia), 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: DO NOT</b> apply more than 1.6 gals. of this product (9.6 lbs. a.i.) p <b>DO NOT</b> apply more than 5.7 gals. of this product (34.2 lbs. a.i.) p	er acre per application. <b>D0 N0T</b> apply more than 19 applications per year when applied at the I er acre per year. Minimum retreatment interval is 14 days. This product may be applied up to the	owest specified rati 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	d.
	r acre per application. <b>D0 N0T</b> apply more than 6 applications per year when applied at the lower er acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	
Cole crops (Broccoli, Brussels sprouts, Cabbage, Cauliflower, Collards, Kale, Mustard greens)		0.3 to 1.3 (1.8 to 7.8)
<u> </u>	USE INSTRUCTIONS: Apply at early leaf stage and repeat at 10 to 14 day intervals as necessary	
	er acre per application. <b>D0 NOT</b> apply more than 14 applications per year when applied at the l er acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	
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 neede	d.
	er acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the lov er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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 neede	ed.
	er acre per application. <b>D0 N0T</b> apply more than 20 applications per year when applied at the lov er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the o	
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.	

**DO NOT** apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. **DO NOT** apply more than 1.1 applications per year when applied at the lowest specified rate. **DO NOT** 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.

Crop	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
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 coverage.	ry. Ensure thorough
	per acre per application. <b>DO NOT</b> apply more than 4 applications per year when applied at the I er acre per year. Minimum retreatment interval is 14 days. This product may be applied up to the	
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 neede	d.
	er acre per application. <b>D0 N0T</b> apply more than 33 applications per year when applied at the le per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the Mites (Petrobia), Powdery mildew	day of harvest. 0.4 to 1.3
	USE INSTRUCTIONS: Apply when disease and pests first appear and repeat as needed. Minimum is 7 days.	(2.4 to 7.8) retreatment interva
NU1 apply more than 6.8 gals. of this product (40.8 lbs. a.i.) per a Peas (Pigeon pea; <i>Pisum</i> spp includes Dwarf, Edible pod, English, Field, Garden, Green, Snow, Sugar snap)	cre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of 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)
	er acre per application. <b>DO NOT</b> apply more than 20 applications per year when applied at the ler acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	owest specified rate
Peppermint Tops, Spearmint Tops	Powdery mildew	0.5 to 0.75 (3.0 to 4.5)
	USE INSTRUCTIONS; Apply when Mint is 5 to 6 inches tall or when disease appears. Repeat twict <b>DO NOT</b> apply within 30 days of harvest.	e at 30 day intervals
	per acre per application. <b>DO NOT</b> apply more than 6 applications per year, when applied at the I er acre per year. Minimum retreatment interval is 30 days. This product may be applied up to the	
Peppers (Capsicum spp includes Bell, Chili, Cooking, Pimento, Sweet)	Mites (Broad, Pacific, Red spider, Rust, 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.	
	er er acre per application. <b>D0 NOT</b> apply more than 20 applications per year when applied at the l er acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	
Potatoes	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.	
	er acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowe cre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day	

Сгор	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
Rutabagas	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.	
	er acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the le er acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	
Spinach	Powdery mildew, Rust	0.6 to 5.0 (3.6 to 30.0)
	USE INSTRUCTIONS: Apply when disease first appears. Repeat at 7 to 10 day intervals or as nee	ded.
NOT apply more than 3.0 gals. of this product (18.0 lbs. a.i.) per a	er acre per application. <b>DO NOT</b> apply more than 5 applications per year, when applied at the lowe cre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day or	of harvest.
Sweet Potato	Leaf spot, Mites (Red spider), Powdery mildew	0.4 to 0.6 (2.4 to 3.6)
	USE INSTRUCTIONS: Apply at early leaf stage. Repeat at 14 day intervals or as needed.	
	er acre per application. <b>D0 NOT</b> apply more than 7 applications per year when applied at the lowe cre per year. Minimum retreatment interval is 14 days. This product may be applied up to the day Mites (Red spider), Powdery mildew, Rust	
	USE INSTRUCTIONS: Apply at early leaf stage. Repeat at 7 to 14 day intervals or as needed.	(0.0.00
NOT apply more than 3.0 gals. of this product (18.0 lbs. a.i.) per a	or acre per application. <b>DO NOT</b> apply more than 6 applications per year when applied at the lowe cre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day or	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.	
	er acre per application. <b>DO NOT</b> apply more than 9 applications per year when applied at the lowe cre per year. Minimum retreatment interval is 10 days. This product may be applied up to the day	
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.	
	er acre per application. <b>DO NOT</b> apply more than 33 applications per year when applied at the le per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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.	
	er acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the le er acre per year. Minimum retreatment interval is 10 days. This product may be applied up to the	

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.	
	Ibs. a.i.) per acre per application. <b>D0 N0T</b> apply more than 17 applications per year when applied at the I lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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 repeintervals.	eat as needed at 7 da
	lbs. a.l.) per acre per application. <b>D0 NOT</b> apply more than 11 applications per year when applied at the l.bs. a.l.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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. Figure day intervals.	Repeat as needed at
USE RESTRICTIONS: DO NOT apply more than 4.0 gals. of this product (24.0 DO NOT apply more than 5.0 gals. of this product (30.0	Ibs. a.i.) per acre per application. <b>D0 N0T</b> apply more than 20 applications per year when applied at the Ibs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	owest specified rate. e day of harvest.
Cool Season Forage Grasses (including Timothy, Orch Fescues, Sudan, Bermuda, Bluegrass, and Bromegrass)		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 are below economic levels. The addition of adjuvants (spreaders, surfactants, etc.) can increalinjury and is not advised.  By Air: Use the specified rate in a minimum of 3 gallons of water per acre.  By Ground: Use the specified rate in a minimum of 20 gallons of water per acre.	
	bs. a.i.) per acre per application. <b>DO NOT</b> apply more than 14 applications per year when applied at the lo lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
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 repe intervals.	eat as needed at 7 da
	lbs. a.i.) per acre per application. <b>D0 N0T</b> apply more than 11 applications per year when applied at the lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	
Cotton	Mites (Atlantic, Pacific, Red spider, Strawberry, Twospotted), Lygus	0.3 to 1.3 (1.8 to 7.8)
		(1.0 (0 / .0)

**DO NOT** apply more than 1.3 gals. of this product (7.8 lbs. a.i.) per acre per application. **DO NOT** apply more than 28 applications per year when applied at the lowest specified rate. **DO NOT** 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.

Стор	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)
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 inte	rvals as needed.
<b>USE RESTRICTIONS: DO NOT</b> apply more than 4.0 gals. of this product (24.0 lbs. a.i.) p <b>DO NOT</b> apply more than 4.25 gals. of this product (25.5 lbs. a.i.)	per acre per application. <b>D0 NOT</b> apply more than 17 applications per year when applied at the l per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the	owest specified rate 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 necessar	ry.
	er acre per application. <b>D0 N0T</b> apply more than 16 applications per year when applied at the lov er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
Grass seed crops	Timothy mites	0.5 to 5.0 (3.0 to 30.0)
	USE INSTRUCTIONS: Apply as needed. Minimum retreatment interval is 7 days.	
	er acre per application. <b>DO NOT</b> apply more than 16 applications per year when applied at the lov er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
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. Minimum re 7 days.	treatment interval
	er er acre per application. <b>DO NOT</b> apply more than 30 applications per year when applied at the lov er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
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. No interval is 7 days.	
	r acre per application. <b>DO NOT</b> apply more than 17 applications per year when applied at the lower er acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
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.
	er acre per application. <b>DO NOT</b> apply more than 5 applications per year when applied at the lower acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the c	
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.
	acre per application. <b>D0 N0T</b> apply more than 28 applications per year when applied at the lower er acre per year. Minimum retreatment interval is 21 days. This product may be applied up to the	

Сгор	Disease/Pest	This Product (Gal./Ac.) (Lbs. A.I./Ac.)		
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.			
USE RESTRICTIONS:  DO NOT apply more than 1.0 gal. of this product (6.0 lbs. a.i.) per acre per application. DO NOT apply more than 28 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.				
Vetch	Rust	4.0 to 6.5 (2.4 to 39.0)		

#### USE RESTRICTIONS:

**DO NOT** apply more than 6.5 gals. of this product (39.0 lbs. a.i.) per acre per application. **DO NOT** apply more than 13 applications per year when applied at the lowest specified rate. **DO NOT** apply more than 52 gals. of this product (312.0 lbs. a.i.) per acre per year. Minimum retreatment interval is 7 days. This product may be applied up to the day of harvest.

USE INSTRUCTIONS: Apply at first sign of disease and repeat at 7 to 10 day intervals as needed.

#### 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.) by ground or 20 pints of this product (15.0 lbs. a.i.) by air per acre 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, Lijuskrim, Lilac, Petunia, Phlox, Popiar, Sage, Silver vine, Smilax, Snapdragon, Spiraea, Sunflower, Sweet pea, Verbena, Violets, Willow, Witch hazel, Zinnia	
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 guarters. 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 guarters. 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 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 at the lowest specified rate. DO NOT apply one than 19.84 fluid ounces of this product. 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, Dahila, Daisy, Delphinium, Dogwood, English ivy, Euonymus, Foxglove, Gladiolus, Golden fleece, Hibiscus, Hollyhock, Honeysuckle, Horse chestnut, Lady's mantle, Ligustrum, Lilac, Linden, Matrimony vine, Petunia, Phiox, Poplar, Rhododendron, Sage, Staghorn sumac, Silver vine, Smilax, Spiraea, Sunflower, Sweet pea, Sycamore, Trumpetvine, Verbena, Violets, Willow, Witch hazel, Zinnia	
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

Fruits and Nuts	Mites and Diseases Controlled
Citrus (Australian desert lime; Australian finger lime; Australian round lime; Brown River finger lime; Calamondin; Citron; Citrus hybrids; Grapefruit; Kumquat; Lemon; Lime; Mediterranian mandarin; Mount white lime; New Guinea wild lime; Orange (sour); Orange (sweet); Pumello; Russel River lime; Satsuma mandarin; Sweet lime; Tachibana orange; Tahti lime; Tangelo; Tangerine (mandarin); Tangor; Triffoliate orange; Uniq fruit; Cultivars, varieties and/or hybrids of these), Figs, Macadamia nuts, Olives, Pecans, Pistachios, Pomegranates, Walnuts	
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; Lentli; <i>Lupinus</i> spp Includes Grain, Sweet, White, White sweet; <i>Phaseolus</i> spp includes Field, Kidney, Lima, Navy, Pinto, Runner, Snap, Tepany, 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	
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
Cucurbits (Cucumber, Melons, Squash)	Powdery mildew
Peas: Pigeon pea; Pisum spp includes Dwarf, Edible pod, English, Field, Garden, Green, Snow, Sugar snap	Leaf spot, Mites, Powdery mildew, Rust
Peppers: Capsicum 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

### 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, feedand 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.
- Wash area with soap and water to remove remainingnesticide.
- 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.
- 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/HouseholdUse:

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 accept for disposal instructions. Never place unused product down any indoor or outdoor drain.

#### Conditions of Sale and Limitation of Warranty and Liability

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials, resistant strains or other influencing factors in the use of the product, which are beyond the control of INNVICTIS CROP CARE, LLC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold INNVICTIS CROP CARE, LLC and Seller harmless for any claims relating to such factors.

To the extent allowed by applicable laws, INNVICTIS CROP CARE, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions not reasonably foreseeable to or beyond the control of Seller or INNVICTIS CROP CARE, LLC and Buyer and User assume the risk of any such use. TO THE EXTENT ALLOWABLE BY APPLICABLE LAW, INNVICTIS CROP CARE, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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