

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs

Biopesticides and Pollution Prevention Division (7511P)

1200 Pennsylvania Avenue NW

Washington, DC 20460

# NOTICE OF PESTICIDE REGISTRATION

X Registration

\_\_\_\_\_ Reregistration (under FIFRA, as amended)

EPA Reg.

Number: **89615-3** 

Date of Issuance:

FEB - 5 2015

Term of

Unconditional, Time-Limited

Issuance:

Name of Pesticide Product:

Mildore<sup>™</sup> Max

Name and Address of Registrant (include ZIP Code):

IAB, S.L. (Investigaciones y Aplicaciones Biotechnologicas S.L.)

Avda, Paret del Patriarca

11-B, Ap. 30

46113 Moncada (Valencia) Spain

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

- 1. The subject registration will automatically expire on February 4, 2020.
- Revise the EPA Registration number on the label to read, "EPA Reg. No. 89615-3."
- 3. Within one year of registration, provide the EPA with a one-year storage stability study and corrosion characteristics study (OCSPP Harmonized Guidelines 830.6317 and 830.6320) on Mildore Max<sup>™</sup>.
- 4. Additional analysis of sample data (OCSPP Harmonized Guideline 885.1400) for Mildore-Max™ are required to be submitted within one year of registration.
- 5. Submit two (2) copies of the revised final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records

Signature of Approving Official:

Date:

Kimberly Nesci, Chief Microbial Pesticides Branch

Biopesticides and Pollution Prevention Division (7511P)

FEB - 5 2015

# Mildore™ Max

**MASTER LABEL, containing:** 

Sublabel A: Greenhouse and Field Use

Sublabel B: Home & Garden Use

EPA Reg. No.: (Pending as File Symbol 89615-G)

# **ACCEPTED**

FEB - 5 2015

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

89615-3

# Sublabel A: Greenhouse and Field Use

# Mildore TM

(For Organic Production) (For Use in Organic Production) (Can be used in organic production) [OMRI Listed™ (logo placeholder)]

# **ACTIVE INGREDIENT:**

Bacillus subtilis strain IAB/BS03\*......10.00% OTHER INGREDIENTS: ......90.00% TOTAL: ......100.00%

\*Contains not less than 1 X 10<sup>9</sup> cfu/g.

# KEEP OUT OF REACH OF CHILDREN CAUTION

	· · · · · · · · · · · · · · · · · · ·
	FIRST AID
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<ul> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15 – 20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
· · · · · · · · · · · · · · · · · · ·	HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

See (back) (side) panel for additional precautionary statements and directions for use.

EPA Reg. No.: (Pending as File Symbol 89615-G)

**EPA Establishment No.:** XXXXX-XX-XX

(Batch No. / Lot No.: XXX)

IAB, Statical (Investigaciones y Aplicaciones Biotecnologicas S.L.) Manufactured by:

Avda. Paret del Patriarca 11-B, Ap. 30

35.46113 Moncada (Valencia), SPAIN

and Rodenticion Act insignated, for

Distributed by:

tabnu basereign stimised enti

(U.S. name and address –to be determined)

Net Weight: XX lbs. (XX kg)

# PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals - CAUTION. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear safety glasses or goggles. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE): Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, and shoes plus socks. Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the 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 remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should 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:** For terrestrial uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate.

# **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. 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.

# Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on the 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 Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hour.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is: coveralls, waterproof gloves, shoes plus socks.

**EXCEPTION:** If the product is soil incorporated or soil injected, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

**Product Information:** Mildore Max is a broad-spectrum biological fungicide for the prevention, control and suppression of soil-borne and foliar diseases on all agricultural crops. Mildore Max contains the active ingredient *Bacillus subtilis* IAB/BS03 which is a rhizosphere bacterium that quickly establishes beneficial colonies on the plant's roots and leaves. It stimulates healthier roots, accelerates plant growth and activates the defense system of the plant. Mildore Max is non-selective. Mildore Max is most effective when applied prior to the onset of disease. Use Mildore Max in combination and/or rotation with chemical fungicides to enhance disease control. For use on labeled outdoor field grown food crops including vegetables, herbs, small fruits, berries and fruit and nut trees. Also for use in greenhouse plug production and hydroponics operations.

**Modes of Action**: Mildore Max has multiple modes of action in preventing, controlling and suppressing plant diseases. It produces a broad-spectrum group of lipopeptides that disrupts pathogen cell-wall formation. It is a competitive and fast colonizing rhizosphere bacterium, which occupies the plant's root hairs and leaves and prevents the growth and antagonistic effects of soil borne and foliar pathogens. *Bacillus subtilis* strain IAB/BS03 is known to stimulate phytohormones, which trigger the plant's systemic resistance to disease (Induced Systemic Resistance), the defense mechanisms of the plant for prolonged periods of time. It is non-selective to plant materials.

**PGPR** (Plant Growth-Promoting Rhizobacteria): Bacillus subtilis strain IAB/BS03 is classified as a Plant Growth-Promoting Rhizobacteria (PGPR). PGPR are free-living bacteria that have beneficial effects on plants as they increase plant productivity, enhance crop fertility, growth and root development.

Integrated Pest Management: Integrating Mildore Max into an overall pest management strategy and following best management practices (or practices known to reduce disease development) makes it less likely that disease will be established. Specific IPM strategies developed for your crop and location may be available from the Extension Service or other local agricultural authorities.)

#### Mixing and Application Instructions:

MIXING: Dilute Mildore Max with water and apply in conventional spray equipment or through sprinkler irrigation. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of Mildore Max to the tank. Finish filling the tank to the desired volume to obtain the proper spray concentration. Use spray mixture immediately. Do not allow spray mixture to stand overnight or for prolonged periods.

APPLICATION: Apply Mildore using conventional spray equipment to the point of saturation of the soil or growing media. Good coverage and wetting is required. The amount of spray solution to apply will vary depending on the type of crop. Most row crops will require up to 100 gallons of spray per acre. Apply in sufficient water to achieve thorough coverage.

COMPATIBILITY: Mildore Max may be tank mixed with some fungicides. Do not tank mix Mildore with more than one product. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. It is always advisable to conduct a spray compatibility test when you plan to mix this product with another product. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After

thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding products to the spray tank.

Mildore Max has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

Foliar Application Use Directions – Ground and Aerial: Apply Mildore Max as a foliar spray by ground and by air. Mix 0.05 - 0.2 pounds in 100 gallons of water and apply at a sufficient spray volume to ensure complete coverage.

### **AERIAL DRIFT REDUCTION INFORMATION**

**GENERAL:** Avoiding spray drift at the application site is the responsibility of the applicator (specifically, see **SENSITIVE AREAS** section for the requirement regarding spray drift and honey bees). The interaction of many equipment- and weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they should be observed. Do not apply directly to aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

**INFORMATION ON DROPLET SIZE**: Use only medium or coarser spray nozzles according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures, applicators should use a coarser droplet size. The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that will provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

controlling droplet size: Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Pressure - Do not exceed the nozzle manufacturer's specified pressures. For many nozzle types, lower pressure produces larger droplets. When high flow rates are needed, use higher flow rate nozzles instead of increasing pressure. Number of Nozzles - Use the minimum number of nozzles that provide uniform coverage. Nozzle Orientation - Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential. Nozzle Type - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

**BOOM WIDTH**: For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade.

**APPLICATION HEIGHT**: Do not make application at a height greater than 10 feet above the top of the largest plants unless a greater height is required for aircraft safety. Making applications at the lowest height that is safe reduces exposure to droplets to evaporation and wind. If

application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or crop canopy.

**SWATH ADJUSTMENT:** When applications are made with a crosswind, the swath will be displaced downward. Therefore, on the up and downwind edges of the field, the applicator must compensate for this displacement by adjusting the path of the aircraft upwind. Swath adjustment distance should increase with increasing drift potential (higher wind, smaller drops, etc.).

**WIND:** Only apply this product if the wind direction favors on-target deposition. Do not apply when the wind velocity exceeds 15 mph. Drift potential is lowest between wind speeds of 2 - 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. NOTE: Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

**TEMPERATURE AND HUMIDITY:** When making applications in low relative humidity, set up equipment to produce larger droplets to compensate for evaporation. Droplet evaporation is most severe when conditions are both hot and dry.

**TEMPERATURE INVERSIONS:** Do not apply during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified 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.

**SENSITIVE AREAS:** The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g. residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g. when wind is blowing away from the sensitive areas). Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, non-target crops, blooming crops or weeds that bees are visiting, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

**Soil Treatment Use Directions:** Apply Mildore Max by soil drench, in-furrow spray, or soil injection to improve plant health and to protect against certain soil-borne diseases.

In general, Mildore Max can be applied by the following methods, unless specified differently in the SELECTED CROPS section:

# Soil Drench Applications

Apply Mildore Max at a concentration of 0.05-0.2 pounds per 100 gallons of water, and at a sufficient rate to thoroughly soak the growing media and root zone. Make an initial application during or shortly after transplant to control soil-borne diseases, reduce transplant shock, induce disease resistance, and to promote root growth. Multiple drench applications can be made on a 10-14 day schedule.

### Shanked-In and Injected Applications

Shank or inject Mildore at a concentration of 0.05 - 0.2 pounds per 100 gallons of water into the soil alone, or with most types of liquid nutrients.

### In-Furrow Applications

Apply Mildore at planting as an in-furrow spray. Mix 0.05 - 0.2 pounds of Mildore Max in 100 gallons of water and apply at 5 - 15 gallons per acre, directing the spray into the seed furrow just before the seeds are covered.

**Seed Treatment Use Directions:** Apply Mildore Max as a seed dressing, seed soak or tuber dip at plant. Do not use treated seed for food or feed purposes or process for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

Chemigation Use Directions: Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation systems. Do not connect an irrigation system (including greenhouse systems) used for pesticide applications to a public water system.

### Spray preparation

First prepare a suspension of Mildore Max in a mix tank. Fill tank ½ to ¾ the desired amount of water. Start mechanical or hydraulic agitation. Add the required amount of Mildore Max, and then the remaining volume of water. Then set the sprinkler to deliver a minimum of 0.1 to 0.3 inch of water per acre. Start sprinkler and uniformly inject the suspension of Mildore Max into the irrigation water line so as to deliver the desired rate per acre. Inject the suspension of Mildore Max with a positive displacement pump into the main line ahead of a right angle turn to insure adequate mixing. Direct any questions on calibration to your State Extension Service Specialists, to equipment manufacturers or other experts.

Do not combine Mildore Max with pesticides, surfactants or fertilizers for application through chemigation equipment unless prior experience has shown the combination physically compatible, effective and non-injurious under conditions of use. Mildore Max has not been fully evaluated for compatibility with all adjuvants or surfactants. It is advisable to conduct a spray compatibility test if a mixture with adjuvants or surfactants is planned.

# CHEMIGATION USE DIRECTIONS:

# General Requirements -

- 1) Apply this product only through a drip system or sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, hand move, flood (basin), furrow, border or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
- 2) Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
- 3) If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- 4) 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.

5) 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.

# Specific Requirements for Chemigation Systems Connected to Public Water Systems -

- 1) 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.
- 2) 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, the water from the public water system should be discharged 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.
- 4) The pesticide injection pipeline 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.
- 5) 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.
- 6) Systems must use a metering pump, such as 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.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

# Specific Requirements for Sprinkler Chemigation -

- 1) The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) 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.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) 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.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.
- 7) Do not apply when wind speed favors drift beyond the area intended for treatment.

# Specific Requirements for Flood (Basin), Furrow and Border Chemigation -

- 1) Systems using a gravity flow pesticide dispensing system must meter the pesticide into the water at the head of the field and downstream of a hydraulic discontinuity such as a drop structure or weir box to decrease potential for water source contamination from backflow if water flow stops.
- 2) The systems utilizing a pressurized water and pesticide injection system must meet the following requirements:
  - a. The system must contain a functional check valve, vacuum relief valve and lowpressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
  - b. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
  - c. 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.
  - d. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
  - e. 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.
  - f. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

# Specific Requirements for Drip (Trickle) Chemigation -

- The system must contain a functional check valve, vacuum relief valve and low-pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
- 2) The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
- 3) The pesticide injection pipeline must also contain a functional, normally closed, solenoidoperated 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.
- 4) The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
- 5) 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.
- 6) Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being filled with a system interlock.

# Application Instructions for All Types of Chemigation -

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
- 2) Determine the treatment rates as indicated in the directions for use and make proper dilutions. Product can be applied continuously or at any time during the water application.

3) Prepare a solution in the chemical tank by filling the tank with the required water and then adding product as required. The product will immediately go into suspension without any required agitation.

**Application Rates for Selected Crops:** Use Mildore Max to prevent, control and suppress a broad range of plant diseases, as well as induce the natural defense system of the treated plants listed below.

Apply 0.05 – 0.2 pounds per 100 gallons of water.

Crops	Target Disease	Application Method	Use Rate per 100 Gallons	Notes
Artichoke	Powdery Mildew (Erysiphe cichoracearum) (Leveillula taurica)	Foliar (Ground)	0.05 – 0.2 lbs.	For ground applications, apply in 50 – 100 gallons of water per acre.
	Ramularia Leaf Spot ( <i>Ramularia cynarae</i> )			Apply this product preventatively or at the first sign of disease symptoms are visible. Reapply every 7 – 14 days.
		Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications, apply this product in a minimum of 5 gallons of water per acre.
			0.05	Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
		Chemigation	0.05 – 0.2 lbs.	Apply through irrigation immediately after transplant and at 14- day intervals or begin 14 days after transplant when soil drench applications are used.
Asparagus	Botrytis Blight (Botrytis cinerea) Rust (Puccinia aspargi)	Foliar (Ground)	0.05 – 0.2 lbs.	For ground applications, apply this product in 50 – 100 gallons of water per acre
	( doorna aspargr)			Apply preventatively or when the first disease symptoms are visible and apply every 7 – 14 days.
		Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications, apply this product in a minimum of 5 gallons of water per acre.
		,		Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
Berries, including:	Botrytis Blight (Botrytis cinerea)	Foliar (Ground)	0.05 - 0.2 lbs.	Apply in 50 – 100 gallons per acre.

Blackberry				~
Blueberry	Mummy Berry (Monilinia			Mummy Berry – Begin
Bushberry	vaccinii-corymbosi)			applications at bud break
	Vaccinii-corynibosi)	1		
Caneberry	1	1		stage of development.
Cranberry	Alternaria Fruit Rot			Apply preventatively and
Currants	(Alternaria spp.)			repeat on a 7 -10 day
Elderberry	, , , , , ,	•		interval or as needed.
	Anthroponess Cavit Dat	1		interval of as needed.
Gooseberry	Anthracnose Fruit Rot	·		
Huckleberry	(Colletotrichum acutatum)			Botrytis Blight – Apply this
Loganberry				product preventatively prior
Raspberry	Bacterial Canker			to or at first sign of disease
raspectly				
-	(Pseudomonas syringae)			symptoms. Reapply every
			,	7 – 14 days or as needed.
	Leaf Rust			
	(Pucciniastrum vaccinii)			Bacterial Canker – Apply
	(,			prior to Fall rains and repeat
	Loof Chat and Distals		}	
	Leaf Spot and Blotch		,	applications during
	(Mycosphaerella spp.)	<b>}</b>	ļ	dormancy before Spring
<b>]</b> .	(Septoria spp.)		1	growth. This product can
			,	be tank mixed with another
	Phomopsis Leaf Spot,	1.		registered fungicide for
	Twig Blight and Fruit Rot	]		improved control of
11.	(Phomopsis spp.)			bacterial canker.
	Powdery Mildew	4		Anthracnose Fruit Rot and
	(Microsphaera alni)		1.	Alternaria Fruit Rot on
1	(wicrospriaera airii)			
				blueberries – Apply at green
1	Spur Blight			tip and continue on a 7 – 10
	(Didymella spp.)		•	interval.
	(Phoma spp.)	Foliar (Aerial)	0.05 - 0.2 lbs.	For aerial applications,
1	(i noma spp.)	Poliai (Aeriai)	0.03 - 0.2 105.	
	i ·		*	apply this product in a
,				minimum of 5 gallons of
	1			water per acre.
		<b>,</b>		· '
1				Apply proventatively or
		·		Apply preventatively or
1				when the first disease
<b>!</b> ·		1		symptoms are visible and
	·			reapply every 7 – 14 days.
			0.05 - 0.2 lbs.	
Bully Variation	Determine Lond Dischet	Calian	0.05 - 0.2 103.	Annte manuanticale in 50
Bulb Vegetables,	Botrytis Leaf Blight	Foliar		Apply preventively in 50 –
including:	(Botrytis squamosa)			100 gallons of water per
ll in the second of the second				acre.
Garlic	Botrytis Neck Rot			
Leeks	1 -			Repeat applications at 7 –
II ,	(Botrytis spp.)			
Onions (Bulb and		·		14 day intervals.
Green)	Onion Purple Blotch			<u> </u>
Shallots	(Altemaria porri)			<b>j</b> .
	·	,		
And other bulb	Downy Mildew			
vegetable crops	(Peronospora spp.)			
		*		<b> </b>
1	Powdery Mildew			
· ·	(Erysiphe spp.)			
1	(_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			·
1	D 1/D	•	*	•
1	Rust ( <i>Puccinia porri</i> )	,	,	
				į
	Stemphyllium Leaf Blight			
	(Stemphylium vesicarium)			•
I	(Otempriyilarii vesicandiri)			
	Fusarium spp.	Soil Drench	0.05 – 0.2 lbs.	Apply at a concentration of
		'	· i	0.05 - 0.2 lbs. per 100
11	Pythium spp.	,		gallons of water, thoroughly
	, . ,			i manono or maior, morougilly

	Rhizoctonia spp.	In-Furrow	0.05 – 0.2 lbs.	soaking the growing media and root zone. Apply during or shortly after transplant to reduce transplant shock, suppress soilborne disease and improve root growth. Multiple drench applications can be made on a 10 – 14 day interval.  Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons of water and apply at 5 – 15 gallons per acre, directing the spray into the seed furrow just before the seeds
		Plant Dip	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons of water and use as a pre- plant dip immediately prior
		Chemigation	0.05 – 0.2 lbs.	to transplant.  Apply through irrigation immediately after transplant and at 14- day intervals or begin 14 days after transplant when soil drench applications are used.
Cereal Grains, including:  Amaranth Barley Buckwheat Grain Milo Oat Millets Rice Rye Sorghum Tritionle	Powdery Mildew (Erysiphe graminis)  Bacterial Blight and Streak (Xanthomonas spp.)  Brown Rot, Leaf Spots & Smuts (Ceratobasidium spp.) (Cercospora spp.) (Drechslera spp.)  Rice Blast (Pyricularia grisea)	Foliar (Ground)	0.05 – 0.2 lbs.	To optimize disease control and to maximize yields, apply in 15 – 40 gallons of water per acre.  Apply preventatively or when disease symptoms first appear. Repeat applications on a 7 – 14 day interval depending upon crop growth and disease pressure.  When plants are under high
I riticale Wheat	Rust (Puccinia spp.) Septoria Leaf Spot (Septoria spp.)	Foliar (Aerial)	0.05 – 0.2 lbs.	this product with another registered fungicide for more effective control.  For aerial applications, apply this product in a
i	Sheath Spot and Blight (Rhizoctonia oryzae) (Thanatephorus cucumeris) Stem Rot (Sclerotium oryzae) Smut (Tilletia barclayana)			minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
Citrus Fruits, including:	Bacterial Canker (Xanthomonas spp.)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply in 50 – 100 gallons per acre.

Calamondin	Alternaria Brown Spot			Begin application when
Citrus citron	(Alternaria alternata)	•		conditions are conducive to
Citrus hybrids	. '		· ·	disease development.
Grapefruit	Bacterial Blast			Repeat on 7 to 10 day
Kumquat	(Pseudomonas syringae)		'.	intervals or as needed.
Lemon	(, coudomendo eymigue)		i	Intervals of as needed.
Lime	Black Spot	•		To treat Bacterial Canker
Mandarin	(Guignardia citricarpa)			L Company
li .				(Xanthomonas spp.), tank
Orange, sour and	(Phyllosticta citricarpa)			mix this product with
sweet	0			another registered fungicide
Pummelo	Greasy Spot			for more effective control.
Satsuma mandarin	(Mycosphaerella citri)	Foliar (Aerial)	0.05 - 0.2 lbs.	For aerial applications,
				apply this product in a
	Melanose			minimum of 5 gallons of
	(Diaporthe citri)			water per acre.
1		,		
	Postbloom Fruit Drop			Apply preventatively or
	(Colletotrichum acutatum)	,		when the first disease
<u>'</u>	,			symptoms are visible and
, · · ·	Scab			reapply every 7 – 14 days.
	(Elsinoe australis)			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	(Elsinoe fawcetti)	, ,		To treat Bacterial Canker
1	,		,	(Xanthomonas spp.), tank
				mix this product with
	·			another registered fungicide
		· ·	ļ	for more effective control.
			0.05 – 0.2 lbs.	Tor more effective control.
Cala Crana	Davidoni Mildovi (Environ	Falian (Canada	0.05 - 0.2 lbs.	Annh. in 50 100 mallana
Cole Crops	Powdery Mildew (Erysiphe	Foliar (Ground)		Apply in 50 – 100 gallons
(Brassicas),	cruciferarum)	·		per acre.
including:	(Erysiphe polygoni)			
				Begin application when
Broccoli	Alternaria Leaf Spot			conditions are conducive to
Broccoli Rabe	(Alternaria spp.)			disease development.
Brussels Sprouts				Repeat on 7 to:10 day
Cabbage	Downy Mildew		,	intervals or as needed.
Chinese Broccoli	(Peronospora parasitica)	Foliar (Aerial)	0.05 - 0.2 lbs.	For aerial applications,
Chinese Cabbage		· '		apply this product in a
(Bok Choy)	Pin Rot Complex			minimum of 5 gallons of
Chinese Cabbage	(Alternaria, Xanthomonas)	`		water per acre.
(Napa)		·		•
Chinese Mustard	Xanthomonas Leaf Spot			Apply preventatively or
Cabbage (Gai	(Xanthomonas campestris)			when the first disease
Choy)				symptoms are visible and
Cauliflower	·			reapply every 7 – 14 days.
Cavalo		:	•	Toappiy every I = 14 days.
Collards				
Kale				
Kohlrabi				
				·
Mizuna		,		
Mustard Greens			· ·	
Mustard Spinach		· .		
Rape Greens			•	
Turnip				
	- ·		0.05 - 0.2 lbs.	
Corn, including:	Anthracnose Leaf Blight	Foliar (Ground)		Apply in 15 – 40 gallons per
	(Colletotrichum	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		acre.
Sweet Corn	graminicola)			
Field Corn	ŕ			Begin application when
Popcorn	Eye Spot			conditions are conducive to
Silage Corn	(Aureobasidium zeae)	· ,		disease development.
Seed Corn	( comments in Educy			Repeat on 7 to 10 day
0000 00111	Gray Leafspot			intervals or as needed.
	Cray Ecaispot			intervals of as ficeucu.

	(Cercospora zeae-maydis)	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications,
				apply this product in a
	Rusts		1	minimum of 5 gallons of
	(Puccinia spp.)	,		water per acre.
	Northern Leaf Blight			Apply preventatively or
	(Cochiliobus carbonum)		,	when the first disease symptoms are visible and
	Southern Leaf Blight		,	reapply every 7 – 14 days.
	(Cochiliobus			reapply every 7 - 14 days.
, , , , , , , , , , , , , , , , , , ,	heterostrophus)		•	
Cotton	Alternaria Leaf Spot, Boll		0.05 - 0.2 lbs.	
	Rot	Foliar (Ground)	,	Apply in 15 – 40 gallons per
	(Alternaria spp.)			acre.
	Anthracnose, Boll Rot	'		[
	(Anthracnose spp.)			Begin application when
	Acceptate Direkt Dell Det			conditions are conducive to
'	Ascochyta Blight, Boll Rot (Ascochyta spp.)			disease development. Repeat on 7 to 10 day
<u> </u>	(Ascocnyta spp.)			intervals or as needed.
	Cercospora Blight and			
	Leaf Spot	Foliar (Aerial)	0.05 0.2 lbs.	For aerial applications,
	(Cercospora spp.)	` '		apply this product in a
	· ·	· ·		minimum of 5 gallons of
	Diplodia Boll Rot			water per acre.
	(Diplodia spp.)	,	,	A
	Hard Lock, Boll Rot			Apply preventatively or when the first disease
	(Fusarium spp.)	, '		symptoms are visible and
	(rasanam spp.)	•		reapply every 7 – 14 days.
	Leaf Spot (Corynespora	·		
	cassicola)			
				·
	Phoma Blight, Boll Rot		}	,
	( <i>Phoma</i> spp.)	'		
	Rust	:		
. •	( <i>Puccinia</i> spp.)			·
•	(Phykopsora spp.)	,		
				<u>'</u>
	Stemphyllium Leaf Spot			
	(Stemphyllium spp.)			
C	December MANA	5 " (0 "	0.05 – 0.2 lbs.	
Cucurbits	Powdery Mildew	Foliar (Ground)		Apply preventatively in 25 –
includes all types	(Erysiphe cichoracearum) (Sphaerotheca fuliginea)	,		100 gallons of water per acre or at first sign of
and hybrids of:	(орнавтопнеса типушеа)			disease symptoms.
Chayote	Anthracnose			Increase water volume as
Chinese Waxgourd	(Colletotrichum			plant size increases.
Cucumber	lagenarium)		}	· ·
Citron Melon	_ , ,			Reapply on a 7 -14 day
Gherkin	Alternaria Leaf Spot			interval depending on plant
Pumpkin	(Cercospora citrulina)	<i>:</i>		growth and disease
Watermelon	Dawas Milda		. :	pressure. Use shorter
Edible Gourd:	Downy Mildew		ı.	spray intervals for
Chinese Okra	(Pseudoperonospora cubensis)	,	] .	greenhouse cucurbits when under high disease
Cucuzza	cancilolo).			pressure
Hyotan	Gummy Stem Blight			piessuie.
	Canning Oten Diight	<u> </u>	<u> </u>	

	Ţ	T	TT	<u> </u>
ng	(Didymella bryoniae)	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications,
Mormordica spp.	Dhutanhibana Diiniti		1	apply this product in a
Ralcam Annia	Phytophthora Blight (Phytophthora capsici)			minimum of 5 gallons of
Balsam Apple Balsam Pear	(Priytophthora capsici)		}	water per acre.
Bitter Melon	,			Apply preventatively or
Chinese Cucumber		. `		when the first disease
Chinese Cacamber	·			symptoms are visible and
Muskmelon:				reapply every 7 – 14 days.
Cantaloupe				Cappiy Clary !
Casaba	Fusarium spp.	Soil Drench	0.05 - 0.2 lbs.	Apply at a concentration of
Crenshaw Melon				0.05 - 0.2 lbs. per 100
Golden Pershaw	Phytophthora spp.			gallons of water, thoroughly
Melon				soaking the growing media
Honeydew Melon	Pythium spp.	·	'	and root zone. Apply during
Honey Balls				or shortly after transplant to
Mango Melon	Rhizoctonia spp.			reduce transplant shock,
Persian Melon			:	suppress soilborne disease
Pineapple Melon Santa Clause Melon				and improve root growth.  Multiple drench applications
Snake Melon	·			can be made on a 10 – 14
Ollake Meloli		*		day interval.
Summer Squash:		In-Furrow	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of
Crookneck Squash			0.00 - 0.2 103.	Mildore Max in 100 gallons
Scallop Squash	·			of water and apply at 5 – 15
Straightneck	·	·		gallons per acre, directing
Squash		į		the spray into the seed
Vegetable Marrow				furrow just before the seeds
Zucchini				are covered.
Winter Squash:	·			,
Acorn Squash		Plant Dip	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of
Butternut Squash			ļ	Mildore Max in 100 gallons of water and use as a pre-
Calabaza	1.			plant dip immediately prior
Gubbard Squash				to transplant.
Spaghetti Squash		Chemigation	0.05 – 0.2 lbs.	Apply through irrigation
		- Chonnigation	0.00 0.2 150.	immediately after transplant
And other cucurbit				and at 14- day intervals or
crops	·		•	begin 14 days after
				transplant when soil drench
				applications are used.
Fruiting	Bacterial Blight		0.05 – 0.2 lbs.	
Vegetables,	(Xanthomonas spp.)	Foliar (Ground)		Apply preventatively in 25 –
including:	Destarial Cost			100 gallons of water per
Eganlant	Bacterial Spot			acre or at first sign of
Eggplant Okra	(Xanthomonas spp.)			disease symptoms.
Pepper Pepper	Bacterial Speck			Increase water volume as plant size increases.
Tomato	(Pseudomonas syringae)			piant size increases.
Tomatillo	( Journal Sylligae)	1		Reapply on a 7 - 10 day
Ground Cherry	Black Mold			interval depending on plant
	(Alternaria alternata)			growth and disease
	<b>,</b>			pressure. Use shorter
	Early Blight			spray intervals for
	(Altemaria solani)			greenhouse cucurbits when
			,	under high disease
	Gray Mold			pressure.
	(Botrytis cinerea)	<u> </u>		

		Late Blight (Phytophthora capsici)	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications, apply this product in a minimum of 5 gallons of water per acre.
		Powdery Mildew (Erysiphe spp.) (Leveillula taurica) (Oidopsis taurica) (Sphaerotheca spp.)			Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
		Target Spot (Corynespora cassiicola)		. :	· · · · · · · · · · · · · · · · · · ·
	_	Fusarium spp.	Soil Drench	0.05 – 0.2 lbs:	Apply at a concentration of 0.05 – 0.2 lbs. per 100
		Phytophthora spp.		-	gallons of water, thoroughly
	ì	Rhizoctonia spp.		4	soaking the growing media and root zone. Apply during
		Verticllium spp.			or shortly after transplant to reduce transplant shock,
					suppress soilborne disease and improve root growth.
					Multiple drench applications can be made on a 10 – 14 day interval.
			In-Furrow	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons
		·			of water and apply at 5 – 15 gallons per acre, directing
		•			the spray into the seed furrow just before the seeds are covered.
			Plant Dip	0.05 – 0.2 lbs.	Mix 0.05 - 0.2 lbs. of
			Γιαπί υφ	0.05 – 0.2 IOS.	Mix 0.05 0.2 lbs. of Mildore Max in 100 gallons of water and use as a pre- plant dip immediately prior to transplant.
			Chemigation	0.05 – 0.2 lbs.	Apply through irrigation immediately after transplant and at 14- day intervals or begin 14 days after
				·	transplant when soil drench applications are used.
				0.05 - 0.2 lbs.	
	Grapes	Powdery Mildew ( <i>Uncinula necator</i> )	Foliar		Apply preventively in 50 – 100 gallons of water per
100		Angular Leaf Spot (Mycosphaerella angulata)			acre or the first signs of disease symptoms.
		Anthracnose (Elsinoe ampelina)			Repeat applications at 7 – 14 day intervals depending on crop growth and disease
		Botrytis Bunch Rot (Botrytis cinerea)			pressure.
		Black Rot (Guignardia bidwellii)	Ì		
		Downy Mildew ( <i>Plasmopara viticola</i> )			

,	Eutypa ( <i>Eutypa lata</i> )			
	Leaf Blight (Pseudocercospora vitis)		1	
	Phomopsis Fruit Rot (Phomopsis viticola)			
	Ripe Rot (Colletotrichum gloeosporioides)			
	Sour Rot (Alternaria tenuis) (Aspergillus spp.) (Botrytis cinerea) (Cladosporium herbarum) (Penicillium spp.) (Rhizopus arrhizus)			
				·
Grass Seed	Powdery Mildew (Erysiphe gramminis) (Oidium spp.) (Podosphaera spp.) (Sphaerotheca spp.)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventatively in 25 – 100 gallons of water per acre when disease symptoms are first visible or when environmental conditions are conducive to
,	Rust ( <i>Puccinia</i> spp.)			rapid disease development. Reapply on a 7-day interval or as needed.
Hops	Downy Mildew (Pseudoperonosperora humili)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventatively in 50 – 100 gallons of water or when environmental conditions are conducive to
4.	Powdery Mildew (Sphaerotheca macularis)			rapid disease development. Reapply on a 7-day interval or as needed.
Leafy Vegetables, including: Arugula	Downy Mildew (Bremia lactuca) (Peronospora spp.)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventatively in 50 – 100 gallons of water or when environmental conditions are conducive to
Beet Celery Chervil	Bacterial Blight/Rot (Xanthomonas spp.)			rapid disease development. Reapply on a 7- 14 day interval or as needed.
Cilantro Corn Salad Cress	Cercospora Leafspot (Cercospora spp.)			For concentrated ground applications, apply this
Dandelion Dock Edible	Late Blight (Septoria apiicola)		0.05	product at 1 – 3 quarts per acre in a minimum of 10 gallons of water per acre.
Chrysanthemum Endive Fennel	Pink Rot (Sclerotinia sclerotiorum)	In-Furrow	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons of water and apply at 5 – 15
Garden Peas Head Lettuce Leaf Lettuce	Powdery Mildew (Erysiphe cichoracearum)			gallons per acre, directing the spray into the seed furrow just before the seeds

Parsley	Sclerotinia Had and Leaf			are covered.
Purslane	Drop			
Radicchio	(Sclerotinia minor)	**		
Rhubarb	(Sclerotinia sclerotiorum)			
	(Scierolinia scieroliorum)			
Spinach				
Swiss Chard	White Rust			•
Watercress	(Albugo occidentalis)			
	1			•
			0.05 - 0.2 lbs.	· · · · · · · · · · · · · · · · · · ·
Legumes,	Bacterial Blight	Foliar (Ground)	0.00 0.2 100.	Apply preventatively in 50 -
succulent and	(Xanthomonas campestris)	i oliai (Olouliu)		100 gallons of water or
	(Xanthornonas campestris)			when environmental
dried, (not	Orac Malal			
including soybeans	Gray Mold	'	l	conditions are conducive to
and peanuts):	(Botrytis cinerea)		' '	rapid disease development.
				Reapply on a 7-day interval
Chick Peas	Pythium (aerial blight		`	or as needed.
Dry Beans	phase)			
Garbanzo Beans	( <i>Pythium</i> spp.)		1	
Green Beans				
Lentils	Powdery Mildew			,
Lima Beans	(Erysiphe spp.)	,		
Peas	(Erysiphe spp.)		· ·	
4	_			
Shell Beans	Rust			
Snap Beans	( <i>Puccinia</i> spp.) .			
Split Peas	(Uromyces			·
	appendiculatus)			
And other legume			•	•
crops	White Mold		·	
	(Sclerotinia sclerotiorum)			
				·
		•		
	, .			
,				
			0.05 0.0 !!	14: 0.05 0.011 6
			0.05 – 0.2 lbs.	Mix 0.05 - 0.2 lbs. of
	Fusarium spp.	In-Furrow		Mildore Max in 100 gallons
				of water and apply at 5 – 15
	Phytophthora spp.			gallons per acre, directing
, ,				the spray into the seed
	Pythium spp.	•		furrow just before the seeds
	) F.E.			are covered.
	Rhizoctonia spp.		,	are devered.
<u>'</u>	ττιπευσιστιία σμμ.	•	-	
,				
	··		0.05 0.0 11-	
Return and 42		F " 'C "	0.05 – 0.2 lbs.	
Mint and other	l	Foliar (Ground)		Apply preventatively in 50 –
Herbs/Spices,	Downy Mildew			100 gallons of water per
including:	(Peronospora spp.)			acre or at first sign of
		,		disease symptoms.
Angelica	Powdery Mildew			Reapply on a 7 - 10 day
Balm ·	(Erysiphe spp.)			interval depending on plant
Basil	(=., yo, pri o opp.)	•		growth and disease
	Duoi	٠		
Borage Burnet	Rust ( <i>Puccinia menthae</i> )			pressure.

Chamomile		Eoliar (Aprial)	1006 001h-	For garial applications
Catain	'	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications,
Catnip			\	apply this product in a
Chervil	,	i e		minimum of 5 gallons of
Chive				water per acre.
Clary		ĺ		
Coriander	1	1		Apply proventatively or
	· ·			Apply preventatively or
Costmary				when the first disease
Cilantro	•			symptoms are visible and
Curry	·			reapply every 7 - 14 days.
Dillweed				,-,
Horehound		<u> </u>	,	
1		2.7		
Hyssop		1		· ·
Lavender				
Lemongrass				
Lovage				
Marjoram		,		
Nasturtium		[		
		•		
Parsley (dried)		1		
Peppermint		1		
Rosemary				
Sage		,		
Savory (summer	,			,
and winter)				
			1	
Sweet Bay				
Tansy			1	
Tarragon		ŀ	,	·
Thyme				
Wintergreen		1		·
Woodruff				
	,	1		
Wormwood	5	F 11 /0	0.05 0.0 ::	
Oil Seed Crops,	Bacterial Pustule	Foliar (Ground)	0.05 – 0.2 lbs.	To optimize disease control
including:	(Xanthomonas spp.)	]		and maximize yields, apply
!	•			this product preventatively
Canola	Bacterial Speck	ł	]	in 15 – 40 gallons of water
Castor	(Pseudomonas syringe pv.			per acre.
Flax				per acre.
	glycinea)			0
Rapeseed			1	Consult your local
Safflower	Brown Spot			Extension Specialist or
				I O 1 - O I I
Sesame	(Septoria glycines)			Crop Consultant regarding
	(Septoria glycines)			
Sesame Sunflower				the optimum timing of
Sunflower	Cercospora Leaf Spot	Folion (Assis)	0.05 0.0 15	the optimum timing of fungicide applications.
Sunflower (does not include		Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications,
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a
Sunflower (does not include	Cercospora Leaf Spot (Cercospora spp.)	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications,
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot	Foliar (Aerial)	0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia	Foliar (Aerial)		the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)		0.05 – 0.2 lbs.	the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
Sunflower  (does not include cotton, peanut or	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot	Foliar (Aerial)		the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 –
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot (Pseudomonas			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 – 100 gallons of water per
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 –
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot (Pseudomonas			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 – 100 gallons of water per acre.
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot (Pseudomonas			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 – 100 gallons of water per acre.  Repeat application at 7 – 14
Sunflower  (does not include cotton, peanut or soybean)	Cercospora Leaf Spot (Cercospora spp.)  Downy Mildew (Peronospora mansherica)  Pod and Stem Blight (Diaporthe phaseolorum var. sojae) (Phomopsis longicola)  White Mold/Sclerotinia Stem Rot (Sclerotinia sclerotiorum)  Olive Knot (Pseudomonas			the optimum timing of fungicide applications.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.  Apply preventatively in 50 – 100 gallons of water per acre.

_			0.05 – 0.2 lbs.	
Ornamental Plants	Anthracnose (Colletotrichum spp.)	Foliar	, .	Apply preventatively in 50 – 100 gallons of water and
Herbaceous				repeat on 7 – 14 day
Ornamentals	Bacteria ( <i>Erwinia</i> spp.)	,	·	intervals, or as needed.
Flowering Plants	(Pseudomonas spp.)			Use this product to control
Foliage Plants	(Xanthomonas spp.)		,	certain diseases of container, bench, flat, plug,
Woody Ornamentals Broadleaves,	Black Spot of Rose (Diplocarpon rosae)			bed, or field-grown ornamentals in greenhouses, shade
Shrubs and trees Conifers, Shrubs and trees	Blossom Blight ( <i>Monilinia</i> spp.)	·		houses, outdoor nurseries, retail nurseries, and other landscape areas.
	Downy Mildew (Peronospora spp.) (Plasmopara viburni)			
	Gray Mold (Botrytis cinerea)			
	Leaf Spot		' .	
	(Alternaria spp.) (Cercospora spp.)			
•	(Entomosporium spp.)			
	(Myrothecium spp.) (Septona spp.)			
	Powdery Mildew			
	(Erysiphe spp.) (Oidium spp.) (Podosphaera spp.)			
,	(Sphaerotheca spp.)	_		
	Rust ( <i>Puccinia</i> spp.)			
	Scab ( <i>Ventuna</i> spp.)			
	Fusarium spp.	Soil Drench	0.05 - 0.2 lbs.	Apply at a concentration of
•	Phytophthora spp.			0.05 – 0.2 lbs. per 100 gallons of water, thoroughly
•	Pythium spp.			soaking the growing media and root zone. Apply during
	Rhizoctonia spp.			or shortly after transplant to reduce transplant shock,
	Verticillium spp	·		suppress soilborne disease and improve root growth.
			ŧ	Multiple drench applications can be made on a 10 – 14
	,	Plant Dip	0.05 – 0.2 lbs.	day interval. Mix 0.05 – 0.2 lbs. of
	•	rialit Dip	0.00 - 0.2 108.	Mildore Max in 100 gallons
				of water and use as a pre- plant dip immediately prior
				to transplant.
		Chemigation	0.05 – 0.2 lbs.	Apply through irrigation immediately after transplant
	•			and at 14- day intervals or begin 14 days after transplant when soil drench

				applications are used.
				1
•		_		
<del></del>		<u> </u>	<u></u>	
•				
			•	
<del></del>	Aspergillus Crown Rot		0.05 - 0.2 lbs.	T
Peanut	(Aspergillus niger)	Foliar		Apply preventatively in 50 -
	Dhina da dia Falia Diiah			'100 gallons of water and
	Rhizoctonia Foliar Blight, Peg, and Root Rot		`	repeat on 7 – 14 day intervals, or as needed.
•	(Rhizoctonia solani)			microals, or as needed.
		Į		
	White Mold			· · · · · · · · · · · · · · · · · · ·
	(Sclerotium rolfsii)		i	
	Aspergillus Crown Rot	Soil Drench	0.05 - 0.2 lbs.	Apply at a concentration of
. •	(Aspergillus niger)			0.05 – 0.2 lbs. per 100
	Fugarium and			gallons of water, thoroughly
	Fusarium spp.	,		soaking the growing media and root zone. Apply during
	Phytophthora spp.		1.	or shortly after transplant to
,				reduce transplant shock,
	Pythium spp.			suppress soilborne disease and improve root growth.
	Rhizoctonia spp.			Multiple drench applications
•				can be made on a 10 – 14
	Verticillium spp.			day interval.
	White Mold	In-Furrow	0.05 - 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons
	(Sclerotium rolfsii)	, ,		of water and apply at 5 – 15
	1			gallons per acre, directing
		,		the spray into the seed
				furrow just before the seeds are covered.
			0.05 – 0.2 lbs.	
Pome Fruits,	Powdery Mildew	Foliar		Apply in 50 – 100 gallons of
including:	(Podosphaera leucotricha)			water per acre. Begin applications when
Apple	Alternaria Blotch	. * /		conditions are conducive to
Crabapple	(Alternaria mali)			disease development
Loquat	Apple Cash	1		Repeat applications on 3 –
Mayhaw Pear	Apple Scab (Venturia inaequalis)	,		10 day intervals or as needed.
Pear, oriental	( z.m. m. z. quano)			
Quince	Bitter Rot			Use high label rate and
	(Colletotrichum spp.)			shorter spray intervals when conditions are conducive to
•	Black Rot/ Frogeye Leaf		:	rapid disease development.
	Spot	,		
	(Botryosphaeria obtusa)			To treat Fire Blight (Erwinia
•	Bot Rot			amylovora), tank mix this product with another
	(Botryosphaeria dothidea)		,	registered fungicide for
•		. '		more effective control.
	Brooks Spot			,
•	(Mycosphaerella pomi)			
	Bull's Eye Rot			
	(Neofabraea spp.)			

	Cedar-Apple Rust (Gymnosporangium juniper-virginianae)			
	Fire Blight ( <i>Erwinia amylovora</i> )			
	Flyspeck (Zygophiala jamaicensis)		,	
	Sooty Blotch (Geastrumia polystigmati) Leptodontium elatius) (Peltaster fructicola)			
	White Rot (Botryosphaeria dothidea)			,
Root, Tuber and Corm Vegetables, including:	Bacterial Leaf Blight (Xanthomonas campestris)	Foliar	0.05 – 0.2 lbs.	Apply preventatively in 25 – 100 gallons of water and repeat on 5 – 10 day
Beets Carrots	Black Root Rot / Black Crown Rot ( <i>Alternaria</i> spp.)			intervals, or as needed.  Begin applications soon
Cassava Ginger Ginseng Horseradish	Downy Mildew ( <i>Peronospora</i> spp.)			after emergence or transplant and when conditions are conducive to disease development. Use
Potato Radish Sugar beets	Early Blight ( <i>Alternaria</i> spp.)			higher rates and shorter intervals when conditions favor rapid disease
Sweet potato Yams Turnip	Gray Mold (Botrytis cinerea)	Soil Drench	0.05 – 0.2 lbs.	development.  Apply at a concentration of 0.05 – 0.2 lbs. per 100
	Late Blight (Phytophthora infestans)			gallons of water, thoroughly soaking the growing media and root zone. Apply during
	Powdery Mildew ( <i>Erysiphe</i> spp.)	- ·		or shortly after transplant to reduce transplant shock, suppress soilborne disease
	White Mold (Sclerotinia sclerotiorum)	,		and improve root growth.  Multiple drench applications can be made on a 10 – 14
	Clubroot (Plasmodiophora brassicae)	In-Furrow	0.05 – 0.2 lbs.	day interval.  Mix 0.05 – 0.2 lbs. of  Mildore Max in 100 gallons of water and apply at 5 – 15
	Common Scab (Streptomyces scabies)	. ·		gallons per acre, directing the spray into the seed furrow just before the seeds
	Fusarium spp.			are covered.
	Phytophthora spp.  Pythium spp.	Chemigation	0.05 - 0.2 lbs.	Apply through irrigation immediately after transplant and at 14- day intervals or
	Rhizoctonia spp.			begin 14 days after transplant when soil drench
1	Verticillium spp.		ı	applications are used.
	<u> </u>			•

	T		<u> </u>	
	,	,		-
Soybean	Aerial Web Blight (Rhizoctonia solani)  Alternaria Leafspot (Altemana spp.)	Foliar (Ground)	0.05 - 0.2 lbs.	To optimize disease control and maximize yields, apply this product preventatively in 15 – 40 gallons of water per acre.
	Anthracnose (Colletotrichum truncatum)  Asian Soybean Rust (Phakopsora pachyrhizi)			Consult your local Extension Specialist or Crop Consultant regarding the optimum timing of fungicide applications.
	Brown Spot (Septoria glycines)  Cercospora Blight (Cercospora kikuchii)		1	To treat Asian Soybean Rust ( <i>Phakopsora</i> pachyrhizi), tank mix this product with another registered fungicide for
	Frog-eyed Leaf spot (Cercospora sojina) Pod and Stem Blight (Diaporthe spp.)	Foliar (Aerial)	0.05 ~ 0.2 lbs.	more effective control.  For aerial applications, apply this product in a minimum of 5 gallons of water per acre.
	Septoria Brown Spot (Septoria glycines) White Mold (Sclerotinia			Apply preventatively or when the first disease symptoms are visible and reapply every 7 – 14 days.
. :	sclerotiorum)			To treat Asian Soybean Rust ( <i>Phakopsora</i> pachyrhizi), tank mix this product with another registered fungicide for more effective control.
	Fusarium spp.  Phytophthora spp.  Pythium spp.  Rhizoctonia spp	In-Furrow ,	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons of water and apply at 5 – 15 gallons per acre, directing the spray into the seed furrow just before the seeds are covered.
Stone Fruits, including:	Alternaria Spot/Fruit Rot (Alternaria alternata)	Foliar	0.05 – 0.2 lbs.	Apply preventively in 50 – 100 gallons of water when conditions are conducive to
Apricot Cherry, sweet and tart Nectarine Peach	Anthracnose (Colletotrichum spp.)  Bacterial Canker (Pseudomonas spp.)			disease development. Apply on a 7 – 10 day spray interval or as needed.  Bacterial Blight – Apply
Plum Plumcot Prune (fresh)	Bacterial Spot ( <i>Pseudomonas</i> spp.)			postharvest before Fall rains. Brown Rot Blossom Blight –
	Brown Rot Blossom Blight and Fruit Rot			Apply at early bloom and repeat on a 7-day schedule

				·
	(Monilinia spp.)			through petal fall or as needed.
	Cercospora Leaf Spot (Cercospora spp.)			Powdery Mildew – Begin applications at popcorn
,	Cherry Leaf Rot (Blumeriella jaapii)			stage and repeat on a 7- interval or as needed.
	Gray Mold (Botrytis cinerea)		,	Scab- Begin applications at petal fall and repeat on a 7 – 10 day interval or as
	Jacket Rot, Green Fruit Rot (Botrytis cinerea,		. , ,	needed.
	Monilinia spp., Sclerotinia sclerotiorum)			
	Powdery Mildew (Podosphaera spp.) (Sphaerotheca pannosa)			
	Rust (Tranzschelia discolor)			
	Rusty Spot (Podosphaera leucotricha)	,		
	Scab (Cladosporium carpophilium)		•	
	Shot Hole (Wilsonomyces carpophilus)			
			0.05 - 0.2 lbs.	
Strawberry	Anthracnose (Colletotrichum spp.)	Foliar	0.00	Apply preventively in 50 – 100 gallons of water when conditions are conducive to
	Botrytis ( <i>Botrytis cinerea</i> )			disease development. Apply on a 7 – 10 day spray interval or as needed.
	Leaf Spot (Mycosphaerella fragariae)			interval of as freeded.
	Phomopsis Leaf Blight (Phomopsis obscurans)			
	Powdery Mildew (Sphaerotheca macularis)			,
	Black Root Rot (Rhizoctonia spp.)	Soil Drench	0.05 – 0.2 lbs.	Apply at a concentration of 0.05 – 0.2 lbs. per 100 gallons of water, thoroughly
	(Pythium spp.) (Fusarium spp.) (Cylindrocarpon spp.)			soaking the growing media and root zone. Apply during or shortly after transplant to
	Phytophthora Root Rot and Crown Rot ( <i>Phytophthora</i> spp.)			reduce transplant shock, suppress soilborne disease and improve root growth. Multiple drench applications can be made on a 10 – 14
	Verticillium Wilt			day interval.

		,		,
	(Verticillium spp.)	Plant Dip	0.05 – 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore Max in 100 gallons
,	Fusarium spp.			of water and use as a pre- plant dip immediately prior
	Pythium spp.			to transplant.
	Rhizoctonia spp.	Chemigation	0.05 – 0.2 lbs.	Apply through irrigation immediately after transplan
				and at 14- day intervals or begin 14 days after
	·			transplant when soil drench applications are used.
Sugar Beets	Powdery Mildew		0.05 – 0.2 lbs.	
	(Erysiphe betae) (Erysiphe polygoni)	Foliar		Apply preventatively in 15 40 gallons of water per acr by ground or air.
•	Leaf Spot			
	(Cercospora beticola)			Consult your local Extension Specialist or
	Ramularia			Crop Consultant for
	(Ramularia spp.)			optimum timing of fungicidal applications.
	Rust (Uromyces betae)			
· .		·		
Sugarcane	Brown Rust (Puccinia melanocephela)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventatively in 15 40 gallons of water per acr
				by ground or air.
	Orange Rust ( <i>Puccinia kuehnii</i> )			Consult your local
				Extension Specialist or
		1		Crop Consultant for optimum timing of fungicide
		Foliar (Aerial)	0.05 – 0.2 lbs.	applications For aerial applications,
		Pollar (Aeriai)	0.05 - 0.2 lbs.	apply this product in a
	:			minimum of 5 gallons of water per acre.
•		·		
				Apply preventatively or when the first disease
	•			symptoms are visible and
				reapply every 7 – 14 days.
Tobacco	Blue Mold	Foliar	0.05 - 0.2 lbs.	Apply preventatively in a
•	(Peronospora tabacina)			minimum of 50 gallons of water per acre.
				Consult your local
•				Extension Specialist or
				Crop Consultant for optimum timing of fungicid
1		<u> </u>	0.05.00	applications
•	Fusarium spp.	Plant Dip	0.05 - 0.2 lbs.	Mix 0.05 – 0.2 lbs. of Mildore in 100 gallons of
	Phytophthora spp.			water and use as a pre- plant dip immediately prior
	Pythium spp.			to transplant.
	Rhizoctonia spp.		!	
	Verticillium spp.			
	<u> </u>	1		· · · · · · · · · · · · · · · · · · ·

Tree nuts, including:  Almond Beech nut Brazil nut Butternut	Walnut Blight (Xanthomonas campestris)  Alternaria Late Blight, Alternaria Leaf Spot (Alternaria spp.)	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventively in 50 – 100 gallons of water when conditions are conducive to disease development. Apply on a 7 – 10 day spray interval or as needed.
Cashew Chestnut Chinquapin Filbert (hazelnut) Hickory nut Macadamia nut Pecan Walnut, Black and English	Anthracnose (Colletotrichum spp.) (Gnomonia leptostyla)  Bacterial Canker (Erwinia nigrifluens)  Botryosphaeria Blight	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or when the first disease symptoms are visible and
	(Botryosphaeria dothidea)  Brown Rot (Monilinia spp.)  Jacket Rot, Green Fruit Rot			reapply every 7 – 14 days.
	(Botrytis cinerea, Monilinia spp., Sclerotinia sclerotiorum)  Eastern Filbert Blight (Anisogramma anomala)			
	Leaf Rust (Tranzschelia discolor)  Scab (Cladosporium carpophilium) (Sphaceloma perseae)			
Tuonical Carita	Shot Hole (Wilsonomyces carpophilus)		0.05 0.2 lbs	
Avocado Banana Kiwi Mango Papaya Plantain	Anthracnose (Colletotrichum gloeosporioides)  Bacterial Blight (Pseudomonas syringae) (Pseudomonas viridiflava)  Bacterial Canker	Foliar (Ground)	0.05 – 0.2 lbs.	Apply preventively in 50 – 100 gallons of water when conditions are conducive to disease development. Apply on a 7 – 10 day spray interval or as needed.
Pineapple Pomegranate	(Xanthomonas campestris)  Botrytis Fruit Rot (Botrytis cinerea)  Scab	Foliar (Aerial)	0.05 – 0.2 lbs.	For aerial applications, apply this product in a minimum of 5 gallons of water per acre.  Apply preventatively or
	(Elsinoe mangiferae) Sigatoka (Mycosphaerella fijiensis)			when the first disease symptoms are visible and reapply every 7 – 14 days.

# **Application Rates for Seed Treatment:**

Type of seed	Disease	Lbs of product/100 Gallons	Notes
True seed crops	Fusarium spp.  Phytophthora spp.  Pythium spp.  Rhizoctonia spp.  Verticillium spp.	0.4 – 0.6 lbs.	Apply sufficient diluted product to soak seeds. Apply directly to seeds. Do not rinse. Allow to dry and/or plant soaked seeds.
In-furrow seed treatment at planting	Fusarium spp.  Phytophthora spp.  Pythium spp.  Rhizoctonia spp.  Verticillium spp.	0.4 – 0.6 lbs.	Apply sufficient diluted product to wet the soil covering seeds. Apply by spray, furrow and/or in-furrow irritation.
Dip treatment for tubers at planting	Fusarium spp.  Phytophthora spp.  Pythium spp.  Rhizoctonia spp.  Verticillium spp.	0.4 – 0.6 lbs.	Pre-dip tubers prior to planting. Apply sufficient product to tubers before planting.

# STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place. Store in original container only. Keep container tightly closed when not in use.

**Pesticide Disposal:** Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment, then offer for recycling, if available or dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

### **WARRANTY STATEMENT**

IAB, S.L. warrants that this product conformed to its description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions. Buyers and users of this product assume the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTEE, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. To the extent consistent with applicable law, the Seller's liability for any breach of warranty shall not exceed the purchase price of the material as to which a claim is made.

To the extent consistent with applicable law, Buyers and users of this product are responsible for all loss or damage from use or handling of this product which results from conditions beyond the control of Seller, or without the fault or negligence of the Seller, or from failure to follow the label.

# Sublabel B: Home and Garden Use

# Mildore ™ Max

(For Organic Gardening) (For Use in Organic Gardening) [OMRI Listed™ (logo placeholder)]

**ACTIVE INGREDIENT:** 

Bacillus subtilis strain IAB/BS03\*.....10.00% **OTHER INGREDIENTS:** .....90.00%

Contains not less than 1 X 10<sup>9</sup> cfu/g.

# KEEP OUT OF REACH OF CHILDREN CAUTION

	FIRST AID			
If swallowed	<ul> <li>Call a poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> </ul>			
	Do not give anything by mouth to an unconscious person.			
lf on skin or	Take off contaminated clothing.			
clothing	<ul> <li>Rinse skin immediately with plenty of water for 15 – 20 minutes.</li> </ul>			
	Call a poison control center or doctor for treatment advice.			
If in eyes	• Hold eye open and rinse slowly and gently with water for 15 – 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.			
HOTLINE NUMBER				

# HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.

See (back) (side) panel for additional precautionary statements and directions for use.

**EPA Reg. No.:** (pending as File Symbol 89615-G)

**EPA Establishment No.:** XXXXX-XX-XX

(Batch No. / Lot No.: XXX)

Manufactured by: IAB, S.L. (Investigaciones y Aplicaciones Biotecnologicas S.L.)

> Avda. Paret del Patriarca 11-B, Ap. 30 46113 Moncada (Valencia), SPAIN

# Distributed by:

(U.S. name and address -to be determined)

Net Weight: XX lbs. (XX kg)

#### PRECAUTIONARY STATEMENTS

Hazards to humans and domestic animals - CAUTION. Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wear goggles or safety glasses, long sleeved shirt and long pants, gloves and shoes plus socks. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

**Environmental Hazards:** To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid runoff to water bodies or drainage systems.

#### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

#### **HOW IT WORKS**.

Mildore Max is a broad-spectrum biological fungicide for the prevention, control and suppression of soil borne and foliar diseases on all agricultural crops. Mildore Max contains the active ingredient *Bacillus subtilis* IAB/BS03 which is a rhizosphere bacterium that quickly establishes beneficial colonies on the plant's roots and leaves. It stimulates healthier roots, accelerates plant growth and activates the defense system of the plant. Mildore Max is non-selective. Mildore Max is most effective when applied prior to the onset of disease. Use Mildore Max in combination and/or rotation with chemical fungicides to enhance disease control. For use on all outdoor grown food crops including vegetables, herbs, small fruits, berries and fruit and nut trees. Also for use in greenhouse plug production and hydroponics operations.

## **HOW TO APPLY**

RATE: Mix 1/4 teaspoons of Mildore Max per gallon of water.

MIXING: Dilute Mildore Max with water and apply in pressurized hand-held sprayers, spray trigger bottles or hose-end sprayers. Partially fill the spray tank with clean water. Add the specified amount of Mildore Max to the tank. Finish filling the tank to the desired volume to obtain the proper spray concentration. Shake the spray tank and use spray mixture immediately. Do not allow spray mixture to stand overnight or for prolonged periods.

APPLICATION: Do not apply this product when bees or other pollinating insects are actively foraging.

Apply Mildore Max to the point of saturation of the treated foliage. Good coverage and wetting is required. The amount of spray solution to apply will vary depending on the type of crop. Apply in sufficient water to achieve thorough coverage. Apply at the first sign of disease and repeat at 7 – 14 day intervals as needed.

## WHERE TO APPLY

# Apply to the following types home and garden plants:

Asparagus, beets, broccoli, Brussels sprouts, cabbage, carrots, cane fruit (raspberry, blackberry, etc.) cauliflower, celery, collards, cucumbers, edible-podded legume vegetables

including: snap bean, wax bean, yard long bean, jack bean, edible-pod pea, snow pea, sugar snap pea; dried shelled beans and peas including: field bean, kidney bean, lima bean (dry), navy bean, pinto bean, adzuki bean, black-eyed pea, cowpea, mung bean, southern pea, lentil (dry); eggplant, grapes, herbs, horseradish, kale, lettuce, melons, mustard greens, onions, parsnips, pepper, potatoes, radish, rutabaga, salsify, squash (winter and summer), sweet potato, strawberry, tomatoes, turnip greens, and turnips.

Ornamentals-including annuals and perennials

Fruit and Nut Trees

Turf

# To control the following

Downy Mildew
Powdery Mildew
Black, Stem, Crown and Root Rot
Blight
Damping-off Fungus
Gray Mold

Mildore Max controls a variety of the most common plant root rot and foliar diseases when used on a preventative schedule.

# STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool dry place inaccessible to children.

**Pesticide Disposal and Container Handling:** Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash and offer for recycling if available. **If partially filled:** Call your local solid waste agency or (800) 858-7378 (National Pesticide Information Center) for disposal instructions. Never place unused product down any indoor or outdoor drain.