

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

34704-1113	

EPA Reg. Number:

Date of Issuance:

2/1/18

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X Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product: Satori Fit Fungicide

Name and Address of Registrant (include ZIP Code):

Loveland Products Inc. P.O. Box 1286 Greeley, CO 80632-1286

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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 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 product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

- 1. Submit and/or cite all data required for registration/registration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
- 2. The data requirements for storage stability and corrosion characteristics (Guidelines 830.6317 and 830.6320) are not satisfied. A one year study is required to satisfy these data requirements. You have 18 months from the date of registration to provide these data.
- 3. Make the following label changes before you release the product for shipment:
 - Revise the EPA Registration Number to read, "EPA Reg. No. 34704-1113."

Signature of Approving Official:	Date:
Ein My Gr Shaja Joyner, Product Manager 20 Fungicide Herbicide Branch, Registration Division (7505P)	2/1/18

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4. Submit one copy of the revised final printed label for the record before you release the product for shipment.

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

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 06/13/2017
- Alternate CSF A dated 06/13/2017
- Alternate CSF B dated 06/13/2017
- Alternate CSF C dated 06/13/2017

If you have any questions, please contact BeWanda Alexander by phone at (703)347-0313, or via email at alexander.bewanda@epa.gov.

Enclosure



GROUP 3 11 FUNGICIDES

Satori® Fit Fungicide

Broad-spectrum fungicide for control of plant diseases

ACTIVE INGREDIENTS:

Azoxystrobin:	13.5%
Propiconazole:	11.7%
OTHER INGREDIENTS:	<u>74.8%</u>
TOTAL	100 0%

Contains 1.02 lb ai propiconazole and 1.18 lb ai azoxystrobin per gallon. Satori Fit Fungicide is formulated as a suspo-emulsion (SE).

KEEP OUT OF REACH OF CHILDREN

CAUTION

For Additional Precautionary Statements, Directions for Use, Storage and Disposal and Other Use Information, See Inside This Label Booklet.

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 by a poison control center or doctor. 					
	 Do not give anything by mouth to an unconscious person. 					
Have the product container or label with you when calling a poison control center or doctor or going for treatment.						
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-844-966-8565.						

EPA Reg. No. 34704-RRRG

EPA Est. No.

Net Contents: GAL (L)

[EXP 03/17 Print Code to be placed here]

FORMULATED FOR:

LOVELAND PRODUCTS, INC.

P.O. BOX 1286

GREELEY, COLORADO 80632-1286

ACCEPTED

02/01/2018

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under

EPA Reg. No. 34704-1113

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. 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,
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. 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.

Engineering Controls

Pilots must use an enclosed cockpit that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(6)].

USER SAFETY RECOMMENDATIONS

Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside, then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Azoxystrobin can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow may result in ground water contamination.

Azoxystrobin and propiconazole are toxic to freshwater and estuarine/marine fish; and azoxystrobin is toxic to aquatic invertebrates. Propiconazole is toxic to shrimp. Do not apply directly to water except as specified on this label. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Notify state and/or Federal authorities and Loveland Products, Inc. immediately if you observe any adverse environmental effects due to use of this product.

PHYSICAL AND CHEMICAL HAZARDS

Do not mix or allow in contact with oxidizing agents. Hazardous chemical reaction may occur.

DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY OR POOR DISEASE CONTROL AND/OR ILLEGAL RESIDUES.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

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

- Coveralls,
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks.

PRODUCT USE RESTRICTIONS

Do not use in nurseries, greenhouses or landscape plantings.

PRODUCT INFORMATION

Satori® Fit Fungicide is a broad-spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important plant diseases. Satori Fit Fungicide is a member of Loveland Products, Inc. performance product line and may also improve the yield and/or quality of the crop. These additional benefits are due to positive effects on plant physiology. The effects may vary according to other factors such as the crop, crop hybrid, or environment. Satori Fit Fungicide may be applied as a foliar spray in alternating spray programs or in tank mixes with other crop protection products. All applications must be made according to the use directions that follow.

PRODUCT USE INSTRUCTIONS

Application: Thorough coverage is necessary to provide good disease control. Make up no more spray solution than is needed for application. Avoid spray overlap, as crop injury may occur.

Adjuvants: For some uses on this label, a spreading/penetrating type adjuvant such as a non-ionic surfactant, crop oil concentrate, or blend may be added at the manufacturer's recommended rates. Adjuvants that contain some

form of silicone can contribute to phytotoxicity. When an adjuvant is used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification program is recommended.

Crop Sensitivity/Phytotoxicity: Satori Fit Fungicide demonstrates some phytotoxic effects when mixed with products that are formulated as ECs. These effects are enhanced if applications are made under cool, cloudy conditions and these conditions remain for several days following application. In addition, adjuvants that contain some form of silicone can contribute to phytotoxicity. Under certain environmental conditions, tank mixes of Satori Fit Fungicide plus herbicides and/or fertilizers may cause crop injury in barley, triticale and wheat.

Efficacy: Under certain conditions conducive to extended infection periods, use another registered fungicide for additional applications if maximum amount of Satori Fit Fungicide has been used. If resistant isolates to Group 3 or Group 11 fungicides are present, efficacy can be reduced. The higher rates in the rate range and/or shorter spray intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when environmental conditions conducive to disease exist.

Integrated Pest Management: Satori Fit Fungicide should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. The SPECIFIC USE DIRECTIONS section in this label identifies specific IPM specifications for each crop. Consult your local agricultural authorities for additional IPM strategies established for your area. Satori Fit Fungicide may be used in State Agricultural Extension advisory (disease forecasting) programs which specify application timing based on environmental factors favorable for disease development.

RESISTANCE MANAGEMENT

Satori Fit Fungicide is a mixture of Group 3 (propiconazole) and Group 11 (azoxystrobin) fungicides. Satori Fit Fungicide has two modes of action: Group 3: DMI (Demethylation Inhibitor) of sterol biosynthesis which disrupts membrane synthesis, and Group 11: inhibitor of the Qo (quinone outside) site within the electron transport system which disrupts fungal respiration. Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. Consult your local or state agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include rotating and/or tank mixing with products having different modes of action or limiting the total number of applications per year.

Loveland Products, Inc. encourages responsible resistance management to ensure effective long- term control of the fungal diseases on this label.

Follow the specific crop directions that limit the total number of sprays on a crop and the required alternations with fungicides from other resistance management groups. In situations requiring multiple sprays, develop year long spray programs for Group 11 QoI (quinone outside inhibiting) fungicides. The program must meet the goal of no more than 1/3 of the total sprays per year, when a Group 11 fungicide is used as a solo product, or 1/2 the total sprays when a Group 11 fungicide is used in a mixture. Programs that include both solo Group 11 products and/or mixes containing Group 11 products must be no more than 1/2 the total sprays.

Satori Fit Fungicide must not be alternated or tank mixed with any fungicide to which resistance has already developed.

Rotational Crops:

Rotational Crops	Planting Time From Last Satori Fit Fungicide Application
Brassica, leafy greens (subgroup 5B)	0 days
Bulb crops, Carrots, Celery (and other leaf petiole crops - subgroup 4B),	
Cereals (wheat, barley, triticale), Corn (field, seed, popcorn, and sweet),	
Dill, Grasses grown for seed (Cool season grasses only), Mint, Oats,	
Peanuts, Quinoa, Radish, Rice, Rye, Sorghum, Soybeans, Strawberries,	
Sugar beets, Wild rice, Watercress	
Buckwheat, Millet	12 Months
Alfalfa (if propiconazole rate does not exceed 0.22 lb ai/acre/year)	75 days
All Other Crops Intended for Food and Feed	105 days

Any crop listed and approved for use on this label has a 0 day plant back interval.

Spray Drift Management: To avoid spray drift, do not apply when conditions favor drift beyond the target area. The interaction of many equipment and weather related factors determine the potential for spray drift. AVOIDING SPRAY DRIFT AT THE APPLICATION SITE IS THE RESPONSIBILITY OF THE APPLICATOR.

Wind Speed

Do not apply at wind speeds greater than 10 mph.

Droplet Size

Apply as a medium or coarser spray (ASAE Standard 572).

Temperature Inversions

Do not apply at wind speeds below 3 mph. Do not make applications into areas of temperature inversions or stable atmospheric conditions.

Other State and Local Requirements

Applicators must follow all state and local pesticide drift requirements regarding application of propiconazole. Where states have more stringent regulations, they must be observed.

Equipment

All application equipment must be properly maintained and calibrated using appropriate carriers or surrogates.

Additional requirements for aerial applications:

- 1. The boom length must not exceed 75% of the wingspan or 90% of the rotor blade diameter.
- 2. Release spray at the lowest height consistent with efficacy and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.
- 3. When applications are made with a crosswind, the swath must be displaced downwind. The applicator must compensate for this displacement at the up and downwind edge of the application area by adjusting the path of the aircraft upwind.

ATTENTION

Satori Fit Fungicide is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

MIXING AND APPLICATION METHODS

Satori Fit Fungicide may be applied with all types of spray equipment commonly used for making ground and aerial applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

SPRAY EQUIPMENT

Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on suction side of pump should be 16-mesh or coarser.
- Do not place a screen in the recirculation line.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.
- Check nozzle manufacturer's recommendations.

Pump

- Use a pump with capacity to:
 - 1. Maintain 35 to 40 psi at nozzles.
 - 2. Provide sufficient agitation in tank to keep mixture in suspension. Use a jet agitator or liquid sparge tube for agitation.

For more information on spray equipment and calibration, consult sprayer manufacturer's and state specifications. For specific local directions and spray schedules, consult the current state agricultural specifications.

Mixing Instructions

- Satori Fit Fungicide is a suspoemulsion (SE) formulation.
- Prepare no more spray mixture than is required for the immediate operation.
- Thoroughly clean spray equipment before using this product.
- Agitate the spray solution before and during application.
- Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Satori Fit Fungicide Alone (no tank mix)

- Add 1/2 to 1/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add Satori Fit Fungicide to the tank.
- Continue agitation while adding the remainder of the water.
- Begin application of the spray solution after Satori Fit Fungicide has completely dispersed into the mix water.
- Maintain agitation until all of the mixture has been sprayed.

Satori Fit Fungicide + Tank Mixtures: Satori Fit Fungicide is usually compatible with all tank-mix partners listed on this label. 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. Do not combine Satori Fit Fungicide in the spray tank with pesticides, surfactants, or fertilizers unless compatibility charts or your own prior use has shown that the combination is physically compatible, effective, and non-injurious to the crop under your conditions of use. To determine the physical compatibility of Satori Fit Fungicide with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to 1.0 qt of water. Add wettable powders and water dispersible granular products first, then liquid flowables (which includes suspoemulsions), followed by emulsifiable concentrates and additives/adjuvants last. After thoroughly mixing, let stand for at least 5 minutes. If the combination remains mixed or can be remixed readily, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Mixing in the Spray Tank

- Add 1/2 to 1/3 of the required amount of water to the spray or mixing tank.
- With the agitator running, add the tank-mix partner(s) into the tank in the same order as described above in the "Satori Fit Fungicide + Tank Mixtures" section.
- Allow the material to completely dissolve and disperse into the mix water. Continue agitation while adding the remainder of the water and the Satori Fit Fungicide to the spray tank.
- Allow Satori Fit Fungicide to completely disperse.
- Spray the mixture with the agitator running.
- Observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations which appear on the tank-mix product label.
- No label dosage rate may be exceeded, and the most restrictive label precautions and limitations must be followed.
- This product may not be mixed with any product which prohibits such mixing.

Application Instructions

Avoid application under conditions when uniform coverage cannot be obtained or when excessive spray drift may occur. Do not apply in a manner that will result in exposure to humans or animals.

Ground Application

- For field crops (non-trees), apply in a minimum of 10.0 gallons of water per acre unless specified otherwise.
- For tree crops, apply in a minimum of 50.0 gallons of water per acre unless specified otherwise.
- Thorough coverage is necessary to provide good disease control.

Aerial Application

- Use only on crops where aerial applications are indicated.
- For field crops (non-trees), apply in a minimum spray volume of 2.0 gallons per acre unless specified otherwise.
- For ULV applications (corn), apply in a minimum spray volume of 1.0 gallon per acre. For ULV applications, thorough coverage is necessary to provide good results. Please refer to the "Application" instructions section for details regarding best practices to achieve good coverage. [Not for ULV use in California.]
- For tree crops, apply in a minimum of 10.0 gallons of water per acre unless specified otherwise.
- Thorough coverage is necessary to provide good disease control.
- Satori Fit Fungicide is extremely phytotoxic to certain apple varieties.
- AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).
- DO NOT spray Satori Fit Fungicide where spray drift may reach apple trees.

Application Through Irrigation Systems (Chemigation)

- Use only on crops for which chemigation is specified on this label.
- Apply this product only through center pivot, solid set, hand move, or moving wheel irrigation systems. 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.
- Apply in 0.125 to 0.25 inches per acre of water. Excessive water may reduce efficacy.
- If you have questions about calibration, you should 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.

Spray Preparation: Chemical tank and injector system must be thoroughly cleaned. Flush system with clean water.

Operating Instructions

- 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 fitted with a system interlock.
- 7. Allow sufficient time for pesticide to be flushed through all lines and all nozzles before turning off irrigation water. 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.
- 8. 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.
- 9. Do not apply when wind speed favors drift beyond the area intended.

Center Pivot Irrigation Equipment

Notes: (1) Use only with drive systems which provide uniform water distribution. (2) Do not use end guns when chemigating Satori Fit Fungicide through center pivot systems because of non-uniform application.

• Determine the size of the area to be treated.

- Determine the time required to apply 0.125 to 0.25 inches per acre of water over the entire area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. When applying Satori Fit Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution. Run the system at 80-95% of the manufacturer's rated capacity.
- Using water, determine the injection pump output when operated at normal line pressure.
- Determine the amount of Satori Fit Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Satori Fit Fungicide and sufficient water to meet the injection time requirements to the solution tank.
- Make sure the system is fully charged with water before starting injection of the Satori Fit Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
- Maintain constant solution tank agitation during the injection period.
- Continue to operate the system until the Satori Fit Fungicide solution has cleared the sprinkler head.

Solid Set, Hand Move, and Moving Wheel Irrigation Equipment

- Determine the acreage covered by the sprinklers.
- Fill injector solution tank with water and adjust flow rate to use the contents over a 20- to 30-minute interval. When applying Satori Fit Fungicide through irrigation equipment use the lowest obtainable water volume while maintaining uniform distribution.
- Determine the amount of Satori Fit Fungicide required to treat the area covered by the irrigation system.
- Add the required amount of Satori Fit Fungicide into the same quantity of water used to calibrate the injection period.
- Operate the system at the same pressure and time interval established during the calibration.
- Stop injection equipment after treatment is completed. Continue to operate the system until the Satori Fit Fungicide solution has cleared the last sprinkler head.

Specific Instructions for 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 (RPZ), back-flow preventer 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.
- 3. 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 DIRECTIONS FOR USE

Cron	Target Diseases	Use Rate fl oz product/A	Application Instructions
Crop Almonds	Brown Rot Blossom Blight (Monilinia spp.)	14.0 to 26.0	Application instructions Apply Satori Fit Fungicide at early bloom stage. If disease pressure is low, a second application of 14.0 fl oz/A may be made as needed through petal fall. Under conditions of high disease pressure and/or very susceptible varieties, applications may be needed at 50-75% bloom and petal fall. Satori Fit Fungicide may be used on only 2 blossom blight applications. Orbit® Fungicide may be used for one of these applications.
	Alternaria Leaf Spot (A. alternata) Anthracnose (Collectotrichum acutatum) Leaf Blight (Seimatosporium lichenicola) Leaf Rust (Tranzschelia discolor) Scab (Cladosporium carpophilum) Shothole (Wilsonomyces carpophilus)	17.5 to 26.0	Apply Satori Fit Fungicide beginning at bud break on a 7- to 14-day interval. Make no more than 2 consecutive applications before switching to a non-Group 11 fungicide.

Application: Make no more than 2 sequential applications of a Group 11 fungicide prior to alternating with another product with a different mode of action than Group 11 fungicides. Almond diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Satori Fit Fungicide may be applied by ground or by air (minimum of 15.0 gal/A). Aerial application may be used if necessary but disease control may be reduced. Satori Fit Fungicide may be applied by air only at growth stages prior to and including 5 weeks after petal fall.

- 1. Do not apply more than 26.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (26.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 112 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.9 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not graze livestock in treated areas or cut treated cover crop for feed.
- 7. Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Bananas Plantains	Black Sigatoka (Mycosphaerella fijiensis) Yellow Sigatoka (Mycosphaerella musicola)	10.5	Apply Satori Fit Fungicide before disease symptoms appear at the onset of the rainy season. Apply 10.5 fl oz of Satori Fit Fungicide/A in 10.0 to 20.0 gallons of water/A. Apply no more than 2 consecutive applications on a 21- to 25-day schedule before rotating to another labeled product with a different mode of action for at least 2 sprays. A maximum of 8 applications can be made. If possible, it is recommended to have at least 2 consecutive months 'triazole free' during the period of lower disease pressure.

Application: Satori Fit Fungicide may be applied by ground (minimum of 15.0 gal/A) or aerial application (minimum of 5.0 gal/A).

- 1. Do not apply Satori Fit Fungicide within 100 yards of non-bagged bananas.
- 2. Do not apply Satori Fit Fungicide on bananas unless they are protected by polyethylene bags.
- 3. Do not apply Satori Fit Fungicide on plantains if the fruit present are not protected with polyethylene bags.
- 4. Do not apply more than 10.5 fl oz/A/application of Satori Fit Fungicide.
- 5. Do not make more than 8 applications of the maximum application rate (10.5 fl oz/A) of Satori Fit Fungicide per year.
- 6. Do not apply more than 84.0 fl oz/A/year of Satori Fit Fungicide (this includes any preharvest sprays).
- 7. Do not feed whole bananas and plantains to animals.
- 8. Do not apply more than 0.67 lb ai propiconazole-containing products/A/year.
- 9. Do not apply more than 1.08 lb ai azoxystrobin-containing products/A/year.

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Beans, Dry and Succulent Bean	Alternaria Blight (Alternaria spp.) Alternaria Leaf Spot	10.5 to 14.0	Apply when conditions are conducive for disease. Up to three applications may be made on a 7- to 14-day interval.
(Cicer arietinum)	(Alternaria		made on a 7- to 14-day interval.
(Lupinus spp.) (Phaseolus spp.) (Vigna spp.) (Vicia faba) See below for complete list of dry and succulent beans.	alternata) Anthracnose (Colletotrichum lindemuthianum) Ascochyta Blight (Mycosphaerella		NOTE: On certain bean varieties, Satori Fit Fungicide application may cause crinkled and/or greener leaves. Yields of beans displaying these characteristics have not been reduced.

Dry and Succulent Beans: *Cicer arietinum* (chickpea, garbanzo bean); *Lupinus* spp. (including sweet lupine, white sweet lupine, white lupine, and grain lupine); *Phaseolus* spp. (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and waxbean); *Vicia faba* (broad bean, fava bean); *Vigna* spp. (including asparagus bean, blackeyed pea and cowpea)

Application Instructions: Satori Fit Fungicide may be applied by ground or by air.

- 1. Not for use on cowpea cultivars intended for livestock feeding only.
- 2. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 3. Do not make more than 3 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 4. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 5. Do not apply more than 0.34 lb ai of propiconazole-containing product/A/year.
- 6. Do not apply more than 1.5 lb ai of azoxystrobin-containing product/A/year.
- 7. Do not apply within 7 days of harvest (7-day PHI) for succulent beans.
- 8. Do not apply within 14 days of harvest (14-day PHI) for dry beans.

		Use Rate	
		fl oz	
		product/	
Crop	Target Diseases	Α	Appliction Instructions
Berry, Bushberry	Botryosphaeria	14.0 to 21.0	For mummyberry, make the first application
Subgroup 13-07B	Canker		of Satori Fit Fungicide beginning at green tip
	(Botryosphaeria		and repeat in 7 to 10 days. If conditions are
Blueberry (high and	spp.)		favorable for disease development, additional
low bush) Cranberry,	Leaf Spot and		application may need to be made at pink bud
Highbush Currant,	Stem Canker		and repeating every 7 to 10 days through
Black Currant, Red	(Septoria		petal fall. Do not apply more than 2
Elderberry	albopuncatata)		consecutive applications before alternating to
Gooseberry	Leaf Spot		a non-Group 11 containing fungicide.
	(Septoria spp.)		
Including all cultivars	Mummyberry		For other diseases listed, Satori Fit Fungicide
and/or hybrids of these	(Monilinia vaccini-		should be applied prior to disease
	corymbosi)		development and continue throughout the
See below for complete list of	Phomopis Twig		season on a 7- to 14-day interval.
bushberry subgroup.	Blight, Fruit Rot,		
	and Stem Canker		Make no more than two consecutive sprays
	(P. vaccini)		before alternating to a non-Group 11 fungicide.
	Powdery Mildew		Make no more than 3 applications per year of
	(Microsphaera		Satori Fit Fungicide or other Group 11
	vacinii)		fungicides.
	Rust		
	(Pucciniastrum		
	vaccinii)		
			1

Bushberry Subgroup: Aronia berry; Blueberry, highbush; Blueberry, lowbush; Buffalo currant; Chilean guava; Cranberry, highbush; Currant, black; Currant, red; Elderberry; European barberry; Gooseberry; Honeysuckle, edible; Huckleberry; Jostaberry; Juneberry (Saskatoon berry); Lingonberry; Native currant; Salal; Sea buckthorn

Application: Satori Fit Fungicide may be applied by ground or by air (minimum of 15.0 gal/A).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 82.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.84 lb ai of a propiconazole-containing product/A/year.
- 5. Do not apply more than 0.75 lb ai azoxystrobin-containing product/A/year on bushberries.
- 6. Do not apply within 30 days of harvest (30-day PHI).

			T
		Use Rate fl	
		OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Berry, Caneberry	Anthracnose	14.0 to 21.0	Satori Fit Fungicide applications must begin prior
Subgroup 13-07A	(Spaceloma necator,		to disease development and continue throughout
	Elsinoe veneta)		the season on a 14-day interval. Make no more
Blackberry	Botryosphaeria		than two consecutive sprays before alternating to
Bingleberry	Canker		a non-Group 11 fungicide. Make no more than 3
Boysenberry	(B. dothidea)		applications per year of Satori Fit Fungicide or
Dewberry	Leaf and Cane Spot		other Group 11 fungicides.
Raspberry, red	(Septoria rubi)		
and black	Leaf Spot		
Wild Raspberry	(<i>Septoria</i> spp.)		
	Powdery Mildew		
Including all	(Sphaerotheca		
cultivars and/or	macularis)		
hybrids of these	Rosette or Double		
	Blossom of		
See below for additional	Blackberries		
types of caneberries*.	(Cercosporella rubi)		
	Rust		
	(Phragmidium violaceum)		
		1	

^{*}Other Caneberries in Subgroup: Loganberry, Lowberry, Marionberry, Olallieberry and Youngberry

Application: Satori Fit Fungicide may be applied by ground or by air (minimum of 15.0 gal/A).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year
- 3. Do not apply more than 105 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.84 lb ai of a propiconazole-containing product/A/year.
- 5. Do not apply more than 1.5 lb ai of an azoxystrobin-containing product/A/year.
- 6. Do not apply within 30 days of harvest (30-day PHI).

		Use Rate fl	
		OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Brassica, leafy	Alternaria Leaf Spot	10.5 to 14.0	Begin applications at first sign of disease.
greens (subgroup	(Alternaria spp.)		Repeat on a 7-10-day interval. Apply no
5B)	Anthracnose		more than two applications before switching
	(Colletotrichum spp.)		to another fungicide with a different mode
Cabbage, Chinese	Black Spot		of action.
(bok choy)	(Alternaria spp.)		
Collards	Cercospora Leaf Spot		If disease levels continue to increase,
Kale	(Cercospora spp.)		immediately switch to a fungicide with a
Mustard greens	Powdery Mildew		different mode of action.
	(Erysiphe polygoni)		
(See additional	Ring Spot		
crops below)	(Mycosphaerella		
	brassicicola)		

Leafy Brassica (subgroup 5B): Broccoli raab; Cabbage, Chinese (bok choy); Collards, Kale, Mizuna, Mustard greens; Mustard spinach; Rape greens

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.34 lb ai propiconazole-containing product/A/year.
- 5. Do not apply more than 0.75 lb ai azoxystrobin-containing product/A/year.
- 6. Do not apply within 7 days of harvest (7-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Bulb Vegetables Dry Bulb Onions Subgroup 3-07A Garlic Onions (dry bulb) Shallots (dry bulb)	Cladosporium Leaf Blotch (C. allii) Purple Blotch (Alternaria porri) Rust (Puccinia allii)	14.0 to 21.0	Begin applications when conditions favor disease development and continue on a 7-to 10-day interval. Use the higher rate and shorter interval when disease conditions are severe. Make only 1 application before alternating to a non- Group 11 fungicide.
Green Onions Subgroup 3-07B Leeks Onions (green) Shallots (green) Including all cultivars and/or hybrids of these See below for complete list of bulb	Botrytis Leaf Blight (B. squamosa) Downy Mildew (Peronospora destructor) White Rot (Sclerotium cepivorum)	17.5 to 26.0	

Complete List of Bulb Vegetables: Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.

Application: Satori Fit Fungicide may be applied by ground (15.0 gal/A minimum) or aerial application (minimum of 5.0 gal/A). NOTE: Mixing with products formulated as an EC may result in phytotoxicity.

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not apply within 14 days of harvest (14-day PHI) on dry bulb onions.
- 7. Satori Fit Fungicide may be applied the day of harvest (0-day PHI) for green onion types.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Carrots	Alternaria Leaf Blight (Alternaria dauci) Early Blight (Cercospora carotae) Powdery Mildew (Erysiphe polygoni)	14.0	Apply Satori Fit Fungicide when conditions favor disease development. Continue applications on a 7- to 10-day interval, using the shorter interval when disease conditions are severe. Make no more than one application before alternating to a non-Group 11 fungicide.

Application: Satori Fit Fungicide may be applied by ground (minimum of 15.0 gal/A) or aerial application (minimum of 5.0 gal/A), or chemigation.

Specific Use Restrictions:

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 2.0 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not apply within 14 days of harvest (14-day PHI).

		Use Rate fl	
		oz	
Crop	Target Diseases	product/A	Appliction Instructions
Celery	Early Blight (Cercospora apii) Late Blight (Septoria apiicola)	14.0	Apply Satori Fit Fungicide on a 7- to 10-day schedule in alternation with Tilt® or another product with a different mode of action than Group 11 fungicides.

Application: Satori Fit Fungicide may be applied by ground, air (5.0 gal/A minimum) or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai azoxystrobin-containing products/A/year.
- 6. Do not apply within 14 days of harvest (14-day PHI).

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Cereals Wheat See next section for other cereals.	Early season suppression of: Glume Blotch (Stagonospora nodorum) Leaf Blight (Septoria tritici) Powdery Mildew (Blumeria spp., Erysiphe spp.) Tan Spot (Pyrenophora tritici-	7.0 to 14.0	Apply Satori Fit Fungicide in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control. You may see flecking and burning if you mix with fertilizers and herbicides at this timing.
	repentis) Control of Leaf Diseases: Glume Blotch (Stagonospora nodorum) Helminthosporium Leaf Blight (Drechslera tritici- repentis) Leaf Blight (Septoria tritici) Powdery Mildew (Blumeria spp., Erysiphe spp.) Rust (Puccinia spp.) Spot Blotch (Bipolaris sorokiniana) Tan Spot (Pyrenophora tritici- repentis)	10.5 to 14.0	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Satori Fit Fungicide is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer than a 14-day interval. Satori Fit Fungicide can be applied through full head emergence (Feekes growth stage 10.54). Do not apply after this stage to avoid possible illegal residues.
	Foot Rot/Eyespot (<i>Tapesia</i> spp.)	14.0	Apply full rate of Satori Fit Fungicide plus half the rate specified on other EPA-registered fungicides including Thiophanate-methyl. Apply at tillering but before elongation has occurred.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Use a higher water volume for aerial application (greater than 2 GPA) if equipment and/or conditions would not provide good coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

Continued

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply after Feekes 10.54.
- 4. Do not apply more than 28.0 fl oz/A/year of Satori Fit Fungicide.
- 5. Do not apply more than 0.22 lb ai propiconazole-containing products/A/year.
- 6. Do not apply more than 0.40 lb ai azoxystrobin-containing products/A/year.
- 7. Under certain environmental conditions, tank mixes of Satori Fit Fungicide plus herbicides and/or fertilizers may cause crop injury.
- 8. Do not apply within 7 days of harvest (7-day PHI) for forage and hay.

		Use Rate fl	
		oz	
Crop	Target Diseases	product/A	Appliction Instructions
Cereals Barley Oats Rye Triticale	Early season suppression of: Glume Blotch (Stagonospora nodorum) Leaf Blight (Septoria tritici) Powdery Mildew (Blumeria spp., Erysiphe spp.) Tan Spot (Pyrenophora triticirepentis)	7.0 to 14.0	Apply Satori Fit Fungicide in the spring for suppression of early season diseases. Follow up with a second application (see below) for full season control. You may see flecking and burning if you mix with fertilizers and herbicides at this time.
	Control of Leaf Diseases: Barley Scald (Rhynchosporium secalis) Barley Stripe (Pyrenophora graminea) Glume Blotch (Stagonospora nodorum) Helminthosporium Leaf Blight (Drechslera tritici- repentis) Kernel Blight (Alternaria spp.) Leaf Blight (Septoria tritici) Net Blotch (Pyrenophora teres) Powdery Mildew (Blumeria spp., Erysiphe spp.) Rust (Puccinia spp.) Spot Blotch (Bipolaris sorokiniana) Tan Spot (Pyrenophoa triticirepentis)	10.5 to 14.0	Protecting the flag leaf is important for maximizing the potential yield. Highest yields are normally obtained when Satori Fit Fungicide is applied when the flag leaf is 50% to fully emerged. Applications may be made no closer together than a 14-day interval.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
	Foot Rot/Eyespot (Tapesia spp.)	14.0	Apply full rate of Satori Fit Fungicide plus half the rate specified on other EPA-registered fungicides including Thiophanate-methyl. Apply at tillering but before elongation has occurred.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Use a higher water volume for aerial application (greater than 2 GPA) if equipment and/or conditions would not provide good coverage. An adjuvant may be added at recommended rates to improve canopy coverage and penetration while reducing evaporation and drift. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply after Feekes 10.54.
- 4. Do not apply within 7 days of harvest (7-day PHI) for forage and hay.
- 5. Do not apply more than 28.0 fl oz/A/year of Satori Fit Fungicide.
- 6. Do not apply more than 0.22 lb ai propiconazole-containing products/A/year.
- 7. Do not apply more than 0.40 lb ai azoxystrobin-containing products/A/year.
- 8. Under certain environmental conditions, tank mixes of Satori Fit Fungicide plus herbicides and/or fertilizers may cause crop injury.

Use Rate fl	
oz nate ii	
Target Diseases product/A	Appliction Instructions
Blight (Colletotrichum graminicola) les Seed Eye Spot tition) (Aureobasidium	Early application (V4-V8): An early application (V4-V8) of Satori Fit Fungicide may be applied for early season disease control and plant performance benefits. If mixing with herbicides other than solo glyphosate products, consult your local Loveland Products, Inc. representative.
Gray Leaf Spot (Cercospora zeae- maydis) Northern Corn Leaf Blight (Setosphaeria turcica) Northern Corn Leaf Spot (Cochliobolus carbonum) Physoderma Brown Spot (Physoderma maydis) Rusts (Puccinia spp.) Southern Corn Leaf Blight (Cochliobolus heterostrophus) also known as Helminthosporium Leaf Blights (H. maydis, H. turcicum, H. carbonum) Suppression of: Diplodia Ear Rot	Later season applications: For gray leaf spot, rusts, anthracnose, and eye spot, apply 10.5 to 14.0 fl oz/A Satori Fit Fungicide when disease first appears. If conditions favorable for disease persist, continue to apply on a 14-day schedule. For leaf blights apply 10.5 to 14.0 fl oz Satori Fit Fungicide when disease first appears. Continue on a 7- to 14-day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate. Do not use adjuvants or other additives after the V8 growth stage and prior to the VT growth stage, as use during these development times may impose stress on the plant that could inhibit proper kernel development. VT is defined as when the last branch of the tassel is completely visible, but silks have not yet emerged from the ear shoot. Apply no more than 2 applications of Satori Fit Fungicide or any other Group 11 fungicide per year. Use of an adjuvant such as COC may provide additional disease control.
(H. maydis, H. turcicum, H. carbonum) Suppression of: Diplodia Far Rot	Fungicid year. Use of a addition

Application: For best results, sufficient coverage is very important. For ULV aerial applications DO NOT use less than 1.0 GPA. [Not for ULV use in California.] Use a higher water volume for aerial application if equipment and/or conditions will not provide good coverage. Satori Fit Fungicide may be applied by ground, air [Not for ULV use in California] [(ULV)], or chemigation. *Continued*

- 1. Do not apply more than 14.0 fl oz/A/application of Satoir Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 28.0 fl oz (0.224 lb ai propiconazole) for field corn harvested for forage.
- 5. Do not apply more than 0.45 lb ai propiconazole-containing products/A/year.
- 6. Do not apply more than 2.0 lb ai azoxystrobin-containing products/A/year.
- 7. Do not apply within 30 days of harvest (30-day PHI) for forage, grain, or stover.

		Use Rate fl	
Crop	Target Diseases		Appliction Instructions
Crop Corn Sweet corn (Includes Seed Production)	Anthracnose Leaf Blight (Colletotrichum graminicola) Eye Spot (Aureobasidium zeae) Gray Leaf Spot (Cercospora zeae- maydis) Northern Corn Leaf Blight (Setosphaeria turcica) Northern Corn Leaf Spot (Cochliobolus carbonum)	oz product/A 10.5 to 14.0	Appliction Instructions Apply Satori Fit Fungicide when disease first appears. If conditions favorable for disease persist, continue to apply on a 14-day schedule. For leaf blights apply Satori Fit Fungicide when disease first appears. Continue on a 7- to 14-day schedule. Use the low rate when disease pressure is low. Under heavy disease pressure or if conditions are favorable for disease, apply the high rate. Alternate applications of Satori Fit Fungicide with Tilt or another product with a different mode of action than Group 11 fungicides.
	Rusts (Puccinia spp.)		
	Southern Corn Leaf		
	Blight (Cochliobolus heterostrophus)		

Application: For best results, sufficient coverage is very important. Use of a crop oil concentrate is suggested for aerial applications to reduce evaporation and enhance canopy penetration and coverage. Consult your aerial applicator for recommended concentration of crop oil concentrate. DO NOT use less than 1.0 GPA for the ULV applications. [Not for ULV use in California.] Use higher water volumes for aerial applications if equipment and/or conditions will not provide good coverage. Satori Fit Fungicide may be applied by ground, air [Not for ULV use in California] [(ULV)], or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai propiconazole-containing products/A/year
- 5. Do not apply more than 2.0 lb ai azoxystrobin-containing products/A/year.
- 6. Do not apply to sweet corn within 14 days of harvest (14-day PHI) for ears or forage.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Cranberries	Cottonball (Monilinia oxycocci) Fruit Rots (Physalospora vaccinii) (Glomerella cingulata) (Coleophoma empetri) Lophodermium Twig Blight (Lophodermium spp.)	14.0 to 21.0	Make the first application at leaf bud break and repeat in 14 days. Additional applications must be made at early bloom. Make no more than 2 consecutive sprays before alternating to a non-Group 11 fungicide. For resistance management, make no more than 3 sprays per year using any Group 11 (Qol containing) fungicide. Under severe pressure, use the higher rate for control.

Application: Satori Fit Fungicide may be applied by ground (minimum of 10.0 gal/A) or aerial application (minimum of 20.0 gal/A).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 84.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.67 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not use cranberry fields used for aquaculture of fish and crustaceans.
- 7. Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat. Applicators should use care in making applications near non-target aquatic habitats.
- 8. Do not apply to flooded crop.
- 9. Do not allow release of irrigation or flood water to non-target aquatic habitat for at least 14 days after the last application.
- 10. Do not apply within 45 days of harvest (45-day PHI).
- 11. Use is limited to Oregon, Washington, and Wisconsin only.

		Use Rate fl	
		OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Dill	Cercospora Leaf	10.5 to 14.0	Begin applications at first sign of disease.
	Blight		Repeat on a 7-to 10- day interval.
	(Cercosporidium		
	punctum)		If disease levels continue to increase,
	Powdery Mildew		immediately switch to a fungicide with a
	(Erysiphe heraclei)		different mode of action.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

Specific Use Restrictions:

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.34 lb ai propiconazole-containing product/A/year.
- 5. Do not apply more than 1.5 lb ai azoxystrobin-containing product/A/year.
- 6. Do not apply within 7 days of harvest (7-day PHI).

		Use Rate fl	
Crop	Target Diseases	product/A	Appliction Instructions
Filberts	Eastern Filbert Blight (Anisogramma anomala)	14.0 to 21.0	Begin applications when green leaf tissue becomes visible and continue on a 2- to 3-week interval. Under severe disease conditions, use the higher rate and shorter interval. Apply no more than 2 sequential applications before alternating to a non-Group 11 fungicide.
			NOTE: On certain varieties, Satori Fit Fungicide applications may cause smaller and/or greener leaves. Yields of filberts displaying these characteristics have not been reduced due to Satori Fit Fungicide treatments.

Application: Satori Fit Fungicide may be applied by ground or aerial application (minimum of 15.0 gal/A).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 5 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 112 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.9 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.2 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not graze livestock in treated areas or cut treated cover crop for feed.
- 7. Do not apply within 60 days of harvest (60-day PHI).

		Use Rate fl	
		OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Grasses grown	Ergot Stem	14.0 to 26.0	Apply Satori Fit Fungicide when powdery mildew
For Seed (Cool	Diseases		infections, Selenophoma infections, and/or rust
season grasses	Powdery Mildew		pustules are noticeable and increasing in number
only)	(Erysiphe graminis) Rusts (Puccinia spp.) Selenophoma Stem Eyespot (Selenophoma spp.)		in late spring or early summer. To maximize control of severe rust pressure, apply 26.0 fl oz/A (except bluegrass apply 14.0 fl oz/A) and make applications at 14-day intervals until the seed is mature. For bluegrass, it is important to begin application early in the growing season.
			Make no more than 2 sequential applications of a Group 11 fungicide before alternating to another product with a different mode of action than Group 11 fungicides.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. Apply Satori Fit Fungicide in a minimum of 20.0 gal of water per acre for ground or in a minimum of 10.0 gal of water per acre for aerial. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 26.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (26.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not feed hay cut within 20 days of the last application.
- 4. Do not graze treated areas within 140 days of the last application.
- 5. Do not apply more than 86.0 fl oz/A/year of Satori Fit Fungicide.
- 6. Do not apply more than 0.9 lb ai propiconazole-containing products/A/year.
- 7. Do not apply more than 0.8 lb ai azoxystrobin-containing products/A/year.
- 8. Do not apply within 20 days of harvest (20-day PHI) of seed.
- 9. Do not apply to bermudagrass grown for seed.
- 10. Use is limited to Idaho, Minnesota, Nebraska, Oregon, and Washington only.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Mint	Powdery Mildew (<i>Erysiphe</i> spp.)	10.5 to 14.0	Begin applications when the plants are 2 to 4 inches high or when conditions become
Peppermint Spearmint	Rust (Puccinia menthae)		favorable for disease development. Make a second application 14 days after the first application.

Application: Satori Fit Fungicide may be applied by aerial, ground (minimum of 20.0 gal/A) or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 42.0 fl oz/A of Satori Fit Fungicide.
- 4. Do not apply more than 0.338 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 0.75 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not apply within 7 days of harvest (7-day PHI).

		Use Rate fl	
		OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Peanuts	Early Leaf Spot	10.5 to 14.0	Apply Satori Fit Fungicide beginning 35 to 40 days
	(Cercospora		after planting or at the first appearance of disease.
[Not for use in	arachidicola)		Continue applications on a 14-day schedule. Under
California]	Late Leaf Spot		heavy disease pressure use higher specified
	(Cercosporidium		application rates. Satori Fit Fungicide also may be
	personatum)		used in State Agricultural Extension advisory
	Rust		(disease forecasting) programs which specify
	(Puccinia arachidis)		application timing based on environmental factors
	Web Blotch (<i>Phoma arachidicola</i>)		favorable for disease development.
	(Phoma arachialcola)		Make no more than two sequential applications
			of a Group 11 fungicide before alternating to
			another product with a different mode of action
			than Group 11 fungicides.
	Soil-Borne Diseases -	21.0 to 28.0	Apply Satori Fit Fungicide at approximately 60 and
	mid-late season	21.0 to 20.0	90 days after planting as a foliar application. This application regime may be applied earlier in the
	Rhizoctonia Peg and		season if environmental conditions favor disease
	Pod Rot		development. This application will provide
	(R. solani)		protection against soil-borne diseases and will also
	,		provide control of the foliar diseases listed for a
	Stem Rot/White		10- to 14-day period after each spray.
	Mold/Southern Blight		
	(Sclerotium rolfsii)		Under heavy pressure and/or heavy rainfall or
			irrigation, use 28.0 fl oz of Satori Fit Fungicide per
	Suppression only:		acre.
	Cylindrocladium Black		
	Rot		Under lighter pressure and dry conditions (non-
	(C. crotalariae)		irrigated, low rainfall), use 21 to 28 fl oz of Satori
	Pythium Pod Rot		Fit Fungicide per acre.
	(P. myriotylum)		Contiued

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Peanuts	Soil-Borne Diseases -	14.0 to 28.0	Tank-mix option: Apply 14.0 fl oz/A of Satori Fit
	mid-late season	plus Satori®	Fungicide in a tank mix with Satori Fungicide or
[Not for use in		Fungicide in	other fungicides for control of soil-borne diseases.
California]	Rhizoctonia Peg and	tank mix	A minimum of 0.15 lb ai/A azoxystrobin must be in
continued	Pod Rot		the tank mix (see Satori Fit Fungicide rate
	(R. solani)		conversion table below). Do not exceed 0.4 lb of azoxystrobin/A/application.
	Stem Rot/White		
	Mold/Southern Blight		Apply Satori Fit Fungicide plus Satori Fungicide at
	(Sclerotium rolfsii)		approximately 60 and 90 days after planting as a
			foliar application. This application regime may be
	Suppression only:		applied earlier in the season if environmental
	Cylindrocladium Black		conditions favor disease development. This
	Rot		application will provide protection against soil-
	(C. crotalariae)		borne diseases and will also provide control of the
			foliar diseases listed for a 10- to 14-day period
	Pythium Pod Rot		after each spray.
	(P. myriotylum)		, ,
			Under heavy pressure and/or heavy rainfall or
			irrigation, there must be 0.3 to 0.4 lb ai of
			azoxystrobin in the tank.
			Under lighter pressure and dry conditions (non-
			irrigated, low rainfall), 0.2 to 0.4 lb ai of
			azoxystrobin can be used.

Application: When applying Satori Fit Fungicide via irrigation or as a directed ground application, additional methods should be employed for leaf spot control. Satori Fit Fungicide may be applied by ground, air or chemigation.

- 1. Do not apply more than 28.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (28.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai propiconazole-containing products/A/year.
- 5. Do not apply more than 0.80 lb ai azoxystrobin-containing products/A/year.
- 6. Do not apply within 14 days of harvest (14-day PHI) when using a maximum rate of 14.0 fl oz/A.
- 7. Do not apply within 21 days of harvest (21-day PHI) when using rates above 14.0 fl oz/A and do not feed hay from treated fields to livestock if using rates higher than 14.0 fl oz/A.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Pecans	Anthracnose (Glomerella cingulata) Downy Spot (Mycosphaerella caryigena) Liver Spot (Gnomonia caryae pv pecanae) Pecan Scab (Cladosporium caryigenum) Powdery Mildew (Microsphaera penicillata) Vein Spot (Gnomonia nerviseda) Zonate Leaf Spot (Cristulariella moricola)	14.0 to 21.0	Pecan scab: Apply 14.0 to 21.0 fl oz/A Satori Fit Fungicide on a 14-day schedule during bud break and pre- pollination sprays. Apply 20.0 to 21.0 fl oz/A during nut formation and cover sprays. Use higher rates when disease pressure is heavier. Do not apply after shuck split. Other foliar diseases: Satori Fit Fungicide may be applied for control of mid to late season foliar diseases at 14.0 to 20.5 fl oz/A with other pecan products labeled for these diseases. Observe all directions, precautions, and limitations for the other products. Make no more than two sequential applications of a Group 11 fungicide before alternating to another product with a different mode of action than Group 11 fungicides. Use of an adjuvant such as COC may provide additional disease control.

Application: Ground applications should be applied in sufficient water to provide for full coverage. Satori Fit Fungicide may be applied by ground or air (minimum of 20.0 gal/A).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 5 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 105 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not graze livestock in treated areas or cut treated cover crops for feed.
- 5. Do not apply more than 0.9 lb ai propiconazole-containing products/A/year.
- 6. Do not apply more than 1.2 lb ai azoxystrobin-containing products/A/year.
- 7. Do not apply after shuck split or within 45 days of harvest (45-day PHI), whichever is first.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Pistachios	Alternaria Late Blight (A. alternata) Botryosphaeria Panicle and Shoot Blight (B. dothidea) Septoria Leaf Spot (S. pistaciarium)	17.5 to 21.0	Begin applications when green leaf tissue becomes visible and continue on a 14- to 21-day interval. Under severe disease conditions, use the higher rate and the shorter interval. Make no more than 2 consecutive applications of Satori Fit Fungicide before alternating to another non- Group 11 fungicide.

Application: Satori Fit Fungicidemay be applied by ground or aerial application (15.0 gal/A minimum).

Specific Use Restrictions:

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 5 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 105 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.9 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not graze livestock in treated areas or cut treated cover crop for feed.
- 7. Do not apply within 60 days of harvest (60-day PHI).

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Quinoa	Leaf Spot (Ascochyta hyalospora) Stalk Rot (Phoma exigua)	10.5 to 14.0	Apply prior to disease development. An adjuvant may be added at specified rates.

Application Directions: Satori Fit Fungicide can be applied by ground, chemigation, or aerial application.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 28.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.22 lb ai propiconazole-containing products/A/year.
- 5. Do not apply more than 0.40 lb ai azoxystrobin-containing products/A/year.
- 6. Under certain environmental conditions, tank mixes of Satori Fit Fungicide plus herbicides and/or fertilizers may cause crop injury.
- 7. Do not apply within 30 days of harvest (30-day PHI).
- 8. Do not apply within 7 days of harvest (7-day PHI) for forage and hay.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Radish	Cercospora Leaf Spot (Cercospora spp.)	10.5 to 14.0	Begin applications at first sign of disease. Repeat on a 7 to 10 day interval. If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai propiconazole-containing product/A/year.
- 5. Do not apply more than 2.0 lb ai azoxystrobin-containing product/A/year.
- 6. Do not apply within 14 days of harvest (14-day PHI).

		Use Rate fl	
Cron	Target Diseases	OZ product/Δ	Appliction Instructions
Rice Including Wild Rice	Aggregate Sheath Spot (Rhizoctonia oryzae- sativa) Black Sheath Rot (Gaeumannomyces graminis) Brown Leaf Spot (Helminthosporium oryzae) Kernel Smut (Tilletia barclayana) Leaf Blast (Pyricularia grisea) Leaf Smut (Entyloma oryzae) Narrow Brown Leaf Spot (Cercospora oryzae) Panicle Blast (P. grisea) Sheath Blight (Rhizoctonia solani) Sheath Spot (Rhizoctonia oryzae) Stem Rot (Sclerotium oryzae) For disease suppression of: False Smut (Ustilaginoidea virens)	product/A 14.0 to 27.0	Timing of Satori Fit Fungicide application will depend on disease severity, disease complex and rice variety/growth stage. Consult local extension experts for local economic thresholds established for various rice varieties and diseases. Leaf blast: Satori Fit Fungicide must be applied for preventive control. Apply 21.0 to 27.0 fl oz/A. Panicle blast: Apply Satori Fit Fungicideat 10% head emergence with an additional application of Satori Fungicide at 90% emergence. Refer to the Satori Fungicide label for rates and timing. All other leaf/stem diseases: Apply 15.75 to 27.0 fl oz/A at initial sign of disease. Apply higher rates when disease pressure is heavy and/or when environmental conditions are highly favorable for disease development. A second application may be made 14 days later. Tank mix option: Apply 15.75 to 20.5 fl oz/A of Satori Fit Fungicide in a tank mix with Satori Fungicide or other fungicides for control of rice diseases. A minimum of 0.15 lb ai/A azoxystrobin must be in the tank mix (see Satori Fit Fungicide rate conversion table below). Do not exceed 0.3 lb of azoxystrobin/A/application to rice or 0.25 lb of azoxystrobin/A/application to wild rice. The lower rate of 14.0 fl oz/A may only be used for hybrids or varieties with at least moderate resistance to sheath blight. Apply from late boot to boot split for control of diseases (except leaf blast and false smut) of rice (including wild rice). When applying prior to late boot or after boot split growth stages, use the higher rates listed above. Make no more than 2 applications of a Group 11 (QoI) fungicide per year.

Application: For aerial application, volumes should be 5.0 to 10.0 GPA. An adjuvant may be added at recommended rates to improve canopy coverage and penetration while reducing evaporation and drift.

Continued

- 1. Do not apply more than 27.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the minimum application rate (14.0 fl oz/A) or a combination of 1 application at the maximum rate (27.0 fl oz/A) plus 1 application at the minimum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply to stubble or ration crop rice.
- 4. Do not use in rice fields where commercial farming of crayfish will be practiced.
- 5. Do not drain water from treated rice fields into ponds used for commercial fish farming.
- 6. Do not use water drained from treated fields to irrigate other crops.
- 7. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 8. Do not apply more than 0.34 lb ai propiconazole-containing products/A/year.
- 9. Do not apply more than 0.70 lb ai azoxystrobin-containing products/A/year.
- 10. Do not release floodwater within 14 days of an application.
- 11. Do not apply within 35 days of harvest (35-day PHI).

		Use Rate fl	
Cron	Target Diseases	oz product/A	Appliction Instructions
Crop		•	
Sorghum	Anthracnose	10.5 to 14.0	For ergot control, make the first application at or
	(Colletotrichum		just prior to flowering. Repeat on a 5- to 7- day
	graminicola)		interval.
	Ergot		
	(Claviceps sorghi)		For other diseases, apply at first sign of
	Gray Leaf Spot		disease. Apply on a 14-day interval.
	(Cercospora sorghi)		
	Ladder Leaf Spot		
	(Cercospora		
	fusimaculans)		
	Leaf Blight		
	(Exserohilum		
	turcicum)		
	Zonate Leaf Spot		
	(Gloecercospora		

Application: Satori Fit Fungicide may be applied by ground or aerial application.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 0.75 lb/A/year of azoxystrobin-containing products to sorghum grown for grain and/or stover.
- 6. Do not apply more than 0.5 lb/A/year of azoxystrobin-containing products to sorghum grown for forage.
- 7. Do not graze livestock or cut for green chop or silage within 30 days of application.
- 8. Do not apply more than 28.0 fl oz (0.22 lb ai propiconazole) on sorghum harvested for forage.
- 9. Do not apply within 30 days of harvest (30-day PHI) for forage.
- 10. Do not apply within 21 days of harvest (21-day PHI) for grain or stover.

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Soybeans	Aerial Web Blight (Rhizoctonia solani) Alternaria Leaf Spot (Alternaria spp.) Anthracnose (Colletotrichum truncatum) Brown Spot (Septoria glycines) Cercospora Blight and Leaf Spot (C. kickuchii) Frogeye Leaf Spot (Cercospora sojina) Pod and Stem Blight (Diaporthe spp.) Soybean Rust (Phakopsora pachyrhizi)	10.5 to 21.0	Foliar diseases (except rust): Apply 14.0 to 21.0 fl oz/A at growth stage R3 (early pod set) when pods are 1/8 – 1/4 inch long and 14.0 to 21.0 days later at growth stage R5 (pod fill). Satori Fit Fungicide may be applied earlier should conditions be conducive for disease. Soybean Rust: Apply 14.0 to 21.0 fl oz/A at first indication that disease is in the area. For best control, preventive applications work best. Repeat on a 14- to 21-day interval. Use higher rate and shorter interval when diseases are present in the field and incidence is less than 2% (2 plants in 100 are infected). If incidence is greater than this or if disease is in mid-canopy, control will not be acceptable. Scouting for the disease and/or being aware of the proximity of the disease via monitoring systems will aid in the proper timing to maximize the effectiveness of the fungicide applications. On certain varieties, Satori Fit Fungicide applications may cause crinkled, smaller and/or greener leaves. Yields of beans displaying these characteristics have not been reduced due to Satori Fit Fungicide treatments.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient coverage is very important. DO NOT use less than 2.0 GPA. Use a higher water volume for aerial application if equipment and/or conditions will not provide for good coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 2 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.34 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai of azoxystrobin-containing products/A/year.
- 6. Apply up to Stage R6.

		Use Rate fl	
	n·	OZ	
Crop	Target Diseases	product/A	Appliction Instructions
Stone Fruits	Alternaria Spot and	14.0	For brown rot blossom blight, apply Satori Fit
Crop Group	Fruit Rot		Fungicide at early bloom stage. If disease
12-12	(A. alternata)		pressure is low, a second application of 14.0 fl
	Anthracnose		oz/A may be made as needed through petal fall.
Apricot	(Colletotrichum		Under conditions of high disease pressure and/or
Cherry, sweet	prunicola)		very susceptible varieties, applications may be
Cherry, tart	Brown Rot Blossom		needed at 50 to 75% bloom and petal fall. Apply
Nectarine	Blight		no more than 2 sequential applications before
Peach	(<i>Monilinia</i> spp.)		switching to a non-Group 11 fungicide.
Plum	Brown Rot on Fruit		
Plumcot	(Monilinia spp.)		For brown rot on fruit, apply as needed, a
Prune	Cherry Leaf Spot		maximum of 2 sprays of Satori Fit Fungicide,
	(Blumeriella jaapii)		during the preharvest period up to the day of
Including all	Powdery Mildew		harvest.
cultivars and	(Podosphaera		Make the two applications no closer than 10
hybrids of	clandestina,		days apart.
these	Sphaerotheca		
	pannosa)		For powdery mildew, rust, and cherry leaf spot,
	Rust		follow the blossom blight schedule. Make up to
	(Tranzschelia		2 additional applications on a 10- to 14-day
	discolor)		interval from the end of petal fall to harvest.
	Scab		·
	(Cladosporium		For scab, begin applications at petal fall and
	carpophilum)		continue on a 7- to 14-day interval.
	Shothole		·
	(Wilsonomyces		For other diseases, begin applications at onset of
	carpophilus)		disease and continue on a 10- to 14-day interval.
			·
			Make no more than 2 sequential applications of
			a Group 11 fungicide prior to alternating with
			another product with a different mode of action
			than Group 11 fungicides.
	<u> </u>	l	than than products

Application: Stone fruit diseases are more effectively controlled by ground application, using sufficient water volume to provide thorough and uniform coverage. Aerial application (minimum of 15.0 gal/A) may be used if necessary but disease control may be reduced.

Applications of Satori Fit Fungicide during bloom to Stanley plums have occasionally caused fruit to be less oval in shape and smaller in size at harvest. To avoid this, do not apply Satori Fit Fungicide to Stanley plums earlier than 21 days prior to harvest.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 5 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 70.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.56 lb ai propiconazole-containing products/A/year.
- 5. Do not apply more than 1.5 lb ai azoxystrobin-containing products/A/year.
- 6. Satori Fit Fungicide may be applied the day of harvest (0-day PHI).

Crop	Target Diseases	Use Rate fl oz product/ A	Appliction Instructions
Strawberries and Low-Growing Berry Subgroup 13-07G (except cranberry) Bearberry Bilberry Cloudberry Muntries Partridgeberry Including all cultivars and/or hybrids of	Anthracnose (Colletotrichum spp.) Leaf Rust (Phragmidium potentillae) Leaf Spot (Cercospora fragariae) Powdery Mildew (Sphaerotheca macularis)	14.0	Begin applications prior to disease development. Repeat on a 10- to 14-day interval. Do not make more than two consecutive applications before switching to a non-Group 11 fungicide. Make no more than 4 applications per year of Satori Fit Fungicide or other Qol-containing product.

Application: Satori Fit Fungicide may be applied by ground (20.0 gal/A minimum) or aerial application (15.0 gal/A minimum).

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.0 lb ai of azoxystrobin-containing products/A/year.
- 6. Satori Fit Fungicide may be applied the day of harvest (0-day PHI).

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Sugar Beets [Not for use in California]	Cercospora Leaf Spot (C. beticola) Powdery Mildew (Erysiphe polygoni)	14.0	Begin applications preventively or on a forecast system. For powdery mildew, apply at first sign of disease.
cumorniaj			Apply Satori Fit Fungicide on a 10- to 21-day schedule. Make only one Satori Fit Fungicide spray then alternate to a non-triazole fungicide (non-Group 3) that is registered on sugar beets for these diseases. If disease pressure is high, use the highest rate and shortest interval.
	Rhizoctonia Crown Rot (R. solani)		For Rhizoctonia crown rot, apply 14.0 oz. in a 7-inch band over the row at the 4- to 8-leaf stage.

Application: For best results, sufficient water volume must be used to provide thorough coverage. A minimum of 15.0 gal/A for ground applications suggested. For aerial applications a minimum of 5.0 gal/A of water is recommended. For chemigation, apply in 0.1 to 0.25 inches/A of water. Chemigation with excessive water may lead to a decrease in efficacy. Satori Fit Fungicide may be applied by ground, chemigation, or aerial application.

Specific Use Restrictions:

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 3 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 42.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.34 lb ai of propiconazole-containing products per year.
- 5. Do not apply more than 2.0 lb ai of azoxystrobin-containing products per year.
- 6. Do not apply within 21 days of harvest (21-day PHI).

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Sugarcane	Brown Rust (Puccinia melanocephela) Orange Rust (Puccinia kuehnii)	16.0 to 22.0	Begin applications prior to rust development and continue throughout the season every 14 to 28 days following resistance management guidelines. Scout fields and begin applications at the earliest sign of rust. Applications may be made by ground, air or chemigation.

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 84.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.67 lb ai of propiconazole-containing product/A/year.
- 5. Do not apply more than 0.80 lb ai of azoxystrobin-containing product/A/year.
- 6. Do not apply within 30 days of harvest (30-day PHI).

		Use Rate fl oz	
Crop	Target Diseases	product/A	Appliction Instructions
Tree Nuts Crop Group	Foliar Diseases	14.0 to 21.0	Apply Satori Fit Fungicide at first sign of disease. Repeat on a 7- to 14-day interval. Do not make
14-12			more than two consecutive applications before switching to a non-Group 11 fungicide. Make no
See list below for tree nuts			more than 4 applications of a Satori Fit Fungicide or other QoI containing product per year.
See specific directions for Almond Filbert Pecan Pistachios			

Additional tree nuts: Almond (see specific directions), Beechnut, Brazil Nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (see specific directions), Hickory, Macadamia, Pecan (see specific directions), Pistachios (see specific directions), Walnut.

Application: For best control of tree nut diseases, ground applications are suggested. Satori Fit Fungicide may be applied by ground or aerial application (15.0 gal/A minimum).

- 1. Do not apply more than 21.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (21.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 112 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.9 lb ai of propiconazole-containing products/A/year.
- 5. Do not apply more than 1.2 lb ai of azoxystrobin-containing products/A/year.
- 6. Do not graze livestock in treated areas or cut treated cover crop for feed.
- 7. Do not apply within 60 days of harvest (60-day PHI) except for pecan (see specific use directions).

Crop	Target Diseases	Use Rate fl oz product/A	Appliction Instructions
Watercress	Alternaria leafspot (<i>Alternaria</i> spp.)	10.5 to 14.0	Begin applications at first sign of disease. Repeat on a 7-10 day interval. Make no more than 2 applications before harvesting leaves. Up to 4 applications can be made per year.
	Cercospora leafspot (C. nasturtii)		If disease levels continue to increase, immediately switch to a fungicide with a different mode of action.

Application: Satori Fit Fungicide is most effective when applied and allowed to dry before a rainfall. For best results, sufficient water volume should be used to provide thorough coverage. Satori Fit Fungicide may be applied by ground, air, or chemigation.

- 1. Do not apply more than 14.0 fl oz/A/application of Satori Fit Fungicide.
- 2. Do not make more than 4 applications of the maximum application rate (14.0 fl oz/A) of Satori Fit Fungicide per year.
- 3. Do not apply more than 56.0 fl oz/A/year of Satori Fit Fungicide.
- 4. Do not apply more than 0.45 lb ai propiconazole-containing product/A/year.
- 5. Do not apply more than 1.5 lb ai azoxystrobin-containing product/A/year.
- 6. Do not apply within 7 days of harvest (7-day PHI).

Satori Fit Fungicide Rate Conversion Table			
FI Oz Product/A	Lb ai Azoxystrobin	Lb ai Propiconazole	
3.0	0.028	0.024	
4.0	0.037	0.032	
7.0	0.056	0.06	
10.5	0.10	0.08	
14.0	0.13	0.11	
15.75	0.15	0.125	
17.5	0.16	0.14	
21.0	0.19	0.17	
26.0	0.24	0.21	
27.0	0.25	0.22	
28.0	0.26	0.22	

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in original container only. Store in a cool, dry and well-ventilated place. Protect from excessive heat. Keep container closed when not in use. Do not store near food or feed.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide-related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecycle.org. If not recycled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

For packages up to 5 gallons: 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 1/4 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. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 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. Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 56 gallons: 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 percent 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.

For refillable containers: 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 percent 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.

For help with any spill, leak, fire or exposure involving this material, call day or night CHEMTREC – 1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. 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 when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE. IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

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