

69592-19

3-5-2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AgraQuest Inc.
c/o Sherry Heins
1540 Dew Avenue.
Davis, CA 95618

MAR 05 2008

Subject: Product Name: Rhapsody ASO
EPA Reg. No: 69592-19
Application for label Notification dated February 6, 2008 to change storage and disposal statement and correct typographical and printing errors.

Dear Ms. Heins:


The Biopesticides and Pollution Prevention Division is in receipt of your application for Notification under 98-10 dated above. A preliminary screen of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. Our records have been duly noted, and the label submitted with this application has been stamped "Notification, received and reviewed" and will be placed accordingly in our records.

Questions concerning this action should be directed to Mr. Raderrio Wilkins at (703) 308-1259 or email at wilkins.raderrio@epa.gov.

Sincerely,

Sheryl Reilly

Sheryl Reilly, Chief
Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division

 Environmental Protection Agency United States Washington, DC 20460	Registration Amendment <input type="checkbox"/> Other	OPP Identifier Number
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Application for Pesticide - Section I

1. Company/Product Number 69592-19	2. EPA Product Manager Sheryl Reilly	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Rhapsody ASO	PM# 1	
5. Name and Address of Applicant (Include ZIP Code) Agraquest, Inc. 1540 Drew Avenue. Davis, CA 95618 <input type="checkbox"/> Check if this is a new address		6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NA</u> Product Name <u>NA</u>

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input checked="" type="checkbox"/> Other - Explain below.

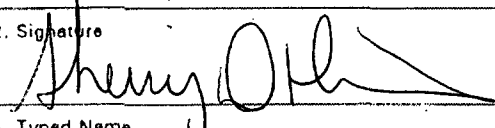
Explanation: Use additional page(s) if necessary. (For section I and Section II.)

"Notification of other revision to labeling per PR Notice 98-10 and Notification of label changes per PR Notice 2007-4." See additional page.

Section - III

1. Material This Product Will Be Packaged In:						2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					<input type="checkbox"/> Metal <input checked="" type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt	No. per container		
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 16-128 oz, 1, 2.5, 3.0, 5.0, 30, 110, 250 gal		5. Location of Label Directions <input type="checkbox"/> Cont.			
6. Manner in Which Label is Affixed to Product Paper glued/peal back		<input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled		<input checked="" type="checkbox"/> Other Label Directions are on the container.			

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name Sherry D. Heins	Title Product Registration Manager	Telephone No. (Include Area Code) 530-750-0150
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment both under applicable law.		6. Date Application Received (Stamped)
2. Signature 	3. Title Product Registration Manager	
4. Typed Name Sherry D. Heins	5. Date 05 February 2008	

EPA FORM 8570-1 Page 2. Explanation Section II

"Notification of label change per PR Notice 2007-4 and PR Notice 98-10. This notification is consistent with the guidance in PR Notice 2007-4 and with the provisions of PR Notice 98-10 and the requirements of EPA's regulations at 40 CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if the amended label is not consistent with the requirements of PR Notice 2007-4, PR Notice 98-1040 and CFR §§ 152.46, 156.10, 156.140, 156.144, 156.146, and 156.156, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

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Rhapsody® ASO

[ALTERNATE NAME: RHAPSODY®]

AN AQUEOUS SUSPENSION Biofungicide

[FOR USE ON ORNAMENTALS, LANDSCAPE PLANTS, GREENHOUSE VEGETABLES, TREES, SHRUBS, TURF, LAWNS, SOD, GOLF COURSES (GREENS, TEES, FAIRWAYS AND ROUGHS), SEEDLINGS, CONIFERS]

[Optional/Alternate Statement:

“NOP Logo: For Organic Production”]

[Optional/Alternate Statement: “NOP Logo: Can be Used for Organic Production”]

[USE AS FOLIAGE SPRAY OR SOIL DRENCH]

[FOR RESIDENTIAL AND COMMERCIAL USE]

[USE INDOORS AND OUTDOORS]

[USE IN FIELD APPLICATIONS, GREENHOUSES, NURSERIES, SHADE HOUSES, LANDSCAPES, INTERIORSCAPES, SEEDLING PRODUCTION SITES, FOREST SEEDLING PRODUCTION SITES]

[USE IN TANK MIXES OR ROTATIONAL ALTERNATING SPRAY PROGRAMS WITH OTHER CROP PROTECTION PRODUCTS]

[USE IN RESISTANT MANAGEMENT PROGRAMS]

[USE GROUND, AERIAL, CHEMIGATION AND HAND APPLIED EQUIPMENT]

[USE IN PRODUCTION OF CONIFERS FOR REFORESTATION]

RECLASSIFICATION
Date Reviewed: 2/05/08
Reviewed by: [Signature]

ACTIVE INGREDIENT

QST 713 strain of *Bacillus subtilis* 1.34%

INERT INGREDIENTS.....98.66%

Total.....100.00%

Contains a minimum of 1x 10⁹ CFU/g

EPA Reg. No. 69592-19

EPA EST. NO.:

1	2	3	4	5
69592-MEX-1	67545-AZ-1	66728-GA-2	37429-GA-2	69592-CA-1

Superscript corresponds to last digit of lot number stamped on container

U.S. Patent Nos. 6,060,051, 6,103,228, 6,291,426 and 6,417,163 on QST 713 strain of *Bacillus subtilis*

Net contents: [Agricultural: 16 fl oz (1 pint), 20 fl oz, 24 fl oz, 32 fl oz (1 quart), 64 fl oz (½ gallon), 128 fl oz (1 gallon), 2.5 gallons, 3.0 gallons or 5 gallons, 30 gallons, 110 gallons, 250 gallons and 1000 gallons and larger containers;

Home and Garden: 16 fl oz(1 pint), 20 fl oz, 24 fl oz, 32 fl oz (1 quart), 64 fl oz (½ gallon) or 128 oz (1 gallon)]

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**KEEP OUT OF REACH OF CHILDREN
CAUTION****FIRST AID:**

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have the product label with you when calling a doctor or poison control center.

[For smaller container sizes:]

[See attached booklet for First Aid Statements.]

[Peel back tab for First Aid and Precautionary Statements, Storage & Disposal Instructions and Directions for Use.]

PRECAUTIONARY STATEMENTS – Agricultural Use**HAZARDS TO HUMANS & DOMESTIC ANIMALS
CAUTION**

Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- NIOSH approved respirator with any N, R, P or HE filter

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

OPTIONAL STATEMENT: [When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.]

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 – Agricultural Use

Do not apply directly to water or to areas where surface water is present, or to intertidal

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areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater. Do not apply when weather conditions favor drift or runoff from treated areas.

DIRECTIONS FOR USE – Agricultural Use

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For emergencies such as leaks or spills, call 24-hour toll-free CHEMTREC hotline at 1.800.424.9300.

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 intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 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, waterproof gloves, shoes plus socks.

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

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or green houses.

Post harvest treatment applications do not fall within the scope of the WPS. PPE for applicators and handlers of treated commodities; waterproof gloves. Keep unprotected persons from handling commodities until sprays have dried.

STORAGE AND DISPOSAL – Agricultural Use

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

STORAGE: Store in a dry area inaccessible to children. Store in original containers only. Keep container closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. Do not contaminate water when disposing of equipment rinsate.

CONTAINER DISPOSAL:

[For 1.0-gallon, 2.5-gallon, 3-gallon, or 5-gallon plastic containers – Nonrefillable container. Do not reuse or refill this container.

-Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank and drain for 10 seconds after the flow begins to drip. Fill the container $\frac{1}{4}$ 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. Offer for recycling, if available.] ✓

[For 30-gallon plastic containers- Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or mix tank. Fill the container $\frac{1}{4}$ 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. Empty rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, if available]

[For 110-gallon or larger returnable mini-bulk containers –Return empty container for reuse. Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the

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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.]

GENERAL USE INFORMATION – Agricultural Use

Rhapsody ASO is an effective broad spectrum, preventative biofungicide for the control of many important foliar and soil-borne diseases. Rhapsody ASO is an ideal resistance management tool given its unique, multiple modes of action. It may be applied as a foliar spray or soil drench alone, in alternating spray programs or in tank mixes with other registered crop protection products. For maximum effectiveness, apply Rhapsody ASO prior to or in the early stages of disease development. When conditions are conducive to heavy disease pressure, use Rhapsody ASO in a rotational program with other registered fungicides. Rhapsody ASO may be applied with spray equipment commonly used for making ground or aerial applications and sprinkler/irrigation systems commonly used for chemigation. Rhapsody ASO can be used for organic production.

[OPTIONAL STATEMENT: Rhapsody ASO is most effectively used in a preventive disease management program. For improved performance use Rhapsody ASO in a tank-mix or rotational program with other registered fungicides. When using Rhapsody ASO alone for the first time a rate of 4 quarts per acre is recommended. Depending upon disease pressure the rate can be increased and/or spray intervals decreased. To enhance performance it is recommended that a surfactant [such as Biotune], known to be safe to the target crop, be added to the spray tank to improve penetration and coverage of above-ground portions of the plant.]

INTEGRATED PEST MANAGEMENT (IPM)

For disease resistance management, integrate Rhapsody ASO into an overall disease and pest management strategy whenever fungicide use is necessary. Follow practices known to reduce disease development. Consult local agricultural authorities for specific IPM strategies developed for your crop(s) and location.

Be sure use of this product conforms to resistance management strategies, which may include rotating and/or tank-mixing with other products with different modes of action.

USE RATE DETERMINATION – Agricultural Use

Carefully read and follow all label directions, use rates and restrictions. Apply Rhapsody ASO prior to or in the early stages of disease development. Use maximum label rates and shortened spray intervals for conditions conducive to rapid disease development. For proper application, determine the area to be treated, the recommended label use rate and select appropriate spray volume to give good canopy penetration and coverage of plant parts to be protected. Prepare only the amount of spray solution required to treat the measured acreage. Accurate spray equipment calibration is essential prior to use.

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PREHARVEST INTERVAL – Agricultural Use

Rhapsody ASO can be applied up to and including the day of harvest.

APPLICATION INSTRUCTIONS – Agricultural Use

GENERAL: Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower/treatment coordinator are responsible for considering all of these factors when making decisions. Where states have more stringent regulations, they should be observed. Note: This section is advisory in nature and does not supersede the mandatory label requirements.

GROUND: Be sure to maintain agitation during mixing and application to assure uniform product suspension. Thorough coverage of all foliage is essential for effective disease control. Rhapsody ASO can be applied in commonly used ground equipment, hose-end, pressurized, greenhouse, and hand-held sprayers. To achieve good coverage use proper spray pressure, gallonage per acre, nozzles, nozzle spacing and ground speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration.

AERIAL: This product can be applied by aerial application. Refer to the Aerial Drift Reduction Advisory Information section of this label for general directions and precautions. Use the application rate indicated for the appropriate crop in sufficient water to achieve thorough coverage, or a minimum of 3 gallons of water per acre.

CHEMIGATION: This product can be applied through sprinkler or drip type irrigation systems, including a center pivot, lateral move, end tow, side wheel roll, traveler, solid set, and hand move. Refer to the Chemigation Directions for Use section of this label for general directions and precautions. Use the application rate indicated for the appropriate crop as specified in the Use Recommendations section of this label.

MIXING INSTRUCTIONS – Agricultural Use

MIXING: Rhapsody ASO must be diluted with water for spray applications. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of Rhapsody ASO to the tank. Finish filling the tank to the desired volume to obtain the proper spray concentration. It is critical that the spray solution be agitated during mixing and application to assure a uniform suspension. Do not allow the spray mixture to stand overnight or for prolonged periods. [Optional Statement: Maintain a spray solution pH between 4.5 and 8.5].

Rhapsody ASO may be tank-mixed with other registered fungicides to enhance plant disease control. Do not exceed recommended dosage rates. Rhapsody ASO cannot be mixed with any product with prohibition against such mixing. Use of the resulting tank mix must be in accordance with the more restrictive label limitations and precautions.

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COMPATIBILITY: Do not combine Rhapsody ASO in the spray tank with pesticides, surfactants or fertilizers if there has been no previous experience or use of the combination to show it is physically compatible, effective and non-injurious under your use conditions.

Rhapsody ASO is compatible with many commonly used pesticides, fertilizers, adjuvants and surfactants but has not been fully evaluated with all of these. To ensure compatibility of tank-mix combinations they should be evaluated prior to use, as follows: Using a suitable container add proportional amounts of product to water. Add wettable powders first, followed by water dispersible granules, then by liquid flowables and lastly, emulsifiable concentrates. Mix thoroughly and let stand for at least five minutes. If the combination stays mixed or can be remixed, it is physically compatible. Test the combination on a small portion of the crop to be treated to ensure that a phytotoxic response will not occur as a result of application. [OPTIONAL STATEMENT: Do not use with penetrant-type adjuvants.]

ADDITIVES: Rhapsody ASO is compatible with a wide range of additives. Since the product is primarily a protectant, thorough coverage of all above-ground plant parts is required for effective product performance. To improve plant surface coverage, it is recommended to add a non-phytotoxic [adjuvant] [surfactant] [such as Biotune™] to spray tank.

CHEMIGATION DIRECTIONS FOR USE

General Requirements:

- 1) Apply this product only through sprinkler or drip type irrigation systems including center pivot, lateral move, end tow, side wheel roll, traveler, solid set or hand move systems. Do not apply this product through any other type of irrigation system.
- 2) Crop injury or lack of effectiveness can result from non-uniform distribution of treated water.
- 3) Ensure that the irrigation system used is properly calibrated and if you have questions, call the State Extension Service specialists, the equipment manufacturer or other experts.
- 4) Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- 5) A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make any necessary adjustments should the need arise.

Equipment Requirements:

- 1) Public water supply 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 25 individuals daily at least 60 days throughout the year.
- 2) Chemigation systems connected to the public water systems must contain a functional, reduced-pressure zone (RPZ), backflow preventer or the functional

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equivalent in the water supply 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 of the overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe.

- 3) 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 back flow.
- 4) The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back towards the injection pump.
- 5) 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.
- 6) 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.
- 7) 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.
- 8) 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.
- 9) Do not apply when wind speed favors drift beyond the area intended for treatment.

Application Instructions:

- 1) Remove scale, pesticide residues, and other foreign matter from the chemical supply tank and entire injector system. Flush with clean water. Failure to provide a clean tank, void of scale or residues may cause product to lose effectiveness or strength.
- 2) Do not combine Rhapsody ASO with pesticides, surfactants or fertilizers for application through chemigation equipment unless prior experience has shown the combination physically compatible, effective and non-injurious under conditions of use. Rhapsody ASO has not been fully evaluated for compatibility with all adjuvants or surfactants. It is advisable to conduct a spray compatibility test if mixture with adjuvants or surfactants is planned.

Center-pivot, Lateral Move, End Tow, and Traveler Irrigation Equipment (Use only with electric or oil hydraulic drive systems which provide a uniform water distribution):

- Determine size of area to be treated.
- Determine the time required to apply no more than 1/4 inch of water (6,750 gallons water per acre) over the area to be treated when the system and injection equipment are operated at normal pressures recommended by the equipment manufacturer. Run system at 80 to 95% of manufacturer's rated capacity.
- Using only water, determine the injection pump output when operated at normal line pressure.

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- Determine the amount of Rhapsody ASO fungicide required to treat area.
- Add required amount of Rhapsody ASO fungicide and sufficient water to meet the injection time requirements of the solution tank.
- Maintain constant solution tank agitation during the injection period.
- Stop injection equipment after treatment is completed. Continue to operate the system until Rhapsody ASO fungicide solution has cleared the sprinkler head.

Solid-set, Side (wheel) Roll, and Hand Move Irrigation Equipment:

- Determine acreage covered by sprinkler.
- Fill injector solution tank with water and adjust flow rate to use contents over a 10- to 30-minute interval.
- Determine the amount of Rhapsody ASO fungicide required to treat area.
- Add the required amount of Rhapsody ASO fungicide into the same quantity of water used to calibrate the injection equipment.
- Maintain constant solution tank agitation during the injection period.
- Operate system at normal pressures recommended by the manufacturer of the injection equipment and used for the time interval established during calibration.
- Inject Rhapsody ASO fungicide at the end of the irrigation cycle or as a separate application to maximize foliar fungicide retention.
- Stop injection equipment after treatment is completed. Continue to operate the system until Rhapsody ASO fungicide solution has cleared the last sprinkler head.

AERIAL DRIFT REDUCTION ADVISORY INFORMATION

General: Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions. Where states have more stringent regulations, they should be observed. Note: This section is advisory in nature and does not supersede the mandatory label requirements.

INFORMATION ON DROPLET SIZE: The most effective way to reduce drift potential is to apply large droplets. The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential, but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions (see Wind, Temperature and Humidity, and Temperature Inversions).

CONTROLLING DROPLET SIZE: Volume - Use high flow rate nozzles to apply the highest practical spray volume. Nozzles with higher rated flows produce larger droplets. Pressure - Do not exceed the nozzle manufacturer's recommended pressures. For many nozzle types lower pressure produces larger droplets. When high flow rates are needed, use higher flow rate nozzles instead of increasing pressure. # of Nozzles - Use the minimum number of nozzles that provide uniform coverage. Nozzle Orientation -

Orienting nozzles so that the spray is released parallel to the airstream produces larger droplets than other orientations and is the recommended practice. Significant deflection from horizontal will reduce droplet size and increase drift potential. **Nozzle Type** - Use a nozzle type that is designed for the intended application. With most nozzle types, narrower spray angles produce larger droplets. Consider using low-drift nozzles. Solid stream nozzles oriented straight back produce the largest droplets and the lowest drift.

BOOM WIDTH: For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3 -- 10 mph as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

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

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

WIND: Drift potential is lowest between wind speeds of 2 - 10 mph. However, many factors, including droplet size and equipment type determine drift potential at any given speed. Application should be avoided below 2 mph due to variable wind direction and high inversion potential. **NOTE:** Local terrain can influence wind patterns. Every applicator should be familiar with local wind patterns and how they affect spray drift.

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

TEMPERATURE INVERSIONS: Do not apply during a temperature inversion because drift potential is high. Temperature inversions restrict vertical air mixing, which causes small, suspended droplets to remain in a concentrated cloud. This cloud can move in unpredictable directions due to the light variable winds common during inversions. Temperature inversions are characterized by increasing temperatures with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however, if fog is not present, inversions can also be identified by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good

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vertical air mixing.

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

FOR USE ON ORNAMENTALS, Landscape Plants, TREES, SHRUBS, FLOWERS, BEDDING PLANTS, TROPICAL PLANTS (ORNAMENTALS - Poinsettia, Orchids, Dieffenbachia, Palms, Spathiphyllum, Rhapsiolepis, Aglaonema and FRUIT – Bananas, Mangos, Papaya), TURF, LAWNS, SOD, GOLF COURSES (GREENS, TEES, FAIRWAYS AND ROUGHS), SEEDLINGS, CONIFERS -[Agricultural], [Commercial], [Residential Use] [Reforestation]

Rhapsody ASO is a protectant fungicide for use indoors and outdoors for control of certain foliar diseases in the field, greenhouses [open or enclosed], interiorscape, residential and commercial landscapes, nurseries [open or enclosed] shade house environments, seedling production sites, golf courses (greens, tees, fairways and roughs), forests, forestry seedling production sites .

Rhapsody ASO can be applied to ornamentals, landscape plants, trees, shrubs, flowers, annual and perennial bedding plants, potted flowers, cut flowers, tropical foliage, container grown trees and shrubs, forestry seedlings, turf, lawns, sod, golf courses (greens, tees, fairways and roughs) and conifer production for reforestation purposes (greenhouses, shade houses, nurseries, indoors, outdoors, containers or field).

Foliar Application Use on Ornamentals, Landscape plants, Trees, Shrubs, Flowers, Bedding Plants, Tropical Plants, Seedlings, Conifers:

APPLICATION INSTRUCTIONS: Apply Rhapsody ASO at rates ranging from 2 to 8 quarts of product in 100 gallons of water per acre. Make applications on a 3- to 10-day schedule. Begin applications when conditions favor disease development prior to the onset of disease. or [Begin applications prior to or in the early stages of disease development.]

Under normal conditions apply Rhapsody ASO at a rate of 4 quarts of product per 100 gallons of spray solution per acre on a 7-day schedule. When conditions favor severe disease development shorten the spray interval or use a higher rate. Thorough coverage is essential for effective disease control. When more diluted or concentrated spray solutions are needed for the type of equipment being used, follow the "Use Determination" section of this label. See application rate tables for more detailed application instructions.

Post Harvest Dip Use on Cut Flowers/Buds:

APPLICATION INSTRUCTIONS: For harvest dip applications on cut flower crops, dip cut flowers/buds in a solution containing 6 to 25 fluid ounces of Rhapsody ASO in 10 gallons of water soon after cutting. Immerse flowers for a period sufficient to provide thorough contact between cut flower/bud and the treatment solution. Use higher rates under conditions of heavy disease pressure.

See application rate tables for more detailed application instructions

PLANTS EVALUATED FOR PHYTOTOXICITY

Rhapsody ASO has been tested for phytotoxicity on the ornamental species listed below. Since it is impossible to test all of the species and cultivars listed on this label under all conditions it is recommended that a small-scale preliminary trial be conducted to check for sensitivity before using this product on a large number of plants, using the product in accordance with all label use directions.

TABLE 1**Annual and Perennial Flowering Plants:**

Alyssum	Asters	Azalea	Begonia	Calla lily
Chrysanthemum	Cyclamen	Dianthus	Dwarf Bee-Balm	Easter lily
Garden phlox	Geraniums	Gerbera	Golden Star	Hydrangea
Impatiens	Kalanchoe	Linaria	Lisianthus	Lobelia
Marigolds	Orchids	Pansies	Petunia	Poinsettia
Portulaca	Ranunculus	Roses	<i>Salvia</i> spp.	Snapdragons
Stock	<i>Verbena</i> spp.	Vinca	Violas	Zinnias

Tropical foliage:

Aglaonema	Dieffenbachia	<i>Dracaena</i> spp.	English Ivy
Hibiscus	Leatherleaf Fern	Spathiphyllum	

Trees and Shrubs:

Azalea	Boxwood	Crape myrtle	Dogwood
Gumbo azalea	India Hawthorn	Japanese maple	<i>Ligustrum japonicum</i>
Lilac	Loropetalum	Photinia	Rhododendron
<i>Rosaceae</i> spp.	Soft Touch Holly	Spirea	

FOR USE AS SOIL DRENCH on Ornamentals, Landscape Plants, Trees, Shrubs, Flowers, Bedding Plants, Tropical Plants, Seedlings, Conifers: [Agricultural], [Commercial], [Residential Use] [Indoors and Outdoors] [interiorscapes] [Greenhouses, Glasshouses, Nurseries] [Open and Enclosed]

Rhapsody ASO is a broad spectrum biofungicide for the prevention, suppression and control of soil borne diseases on a wide range of annual and perennial bedding plants, potted flowers, foliage plants, deciduous trees and shrubs, landscape plants and trees, and fruits and vegetables [and in conifer production]. Rhapsody ASO enhances germination and plant growth by suppressing diseases caused by *Rhizoctonia*, *Pythium*, *Fusarium* and *Phytophthora*

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APPLICATION INSTRUCTIONS: Mix 128 fl. oz. to 256 fl. oz of Rhapsody ASO with 100 gallons of water. Use higher application rates under conditions of heavy disease pressure. Apply finished mixture at a rate to thoroughly soak the growing media through the root zone (1 pint / sq. ft. for each 3 inches of soil depth) as a drench or directed spray using hand held, mechanical or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler irrigation systems. Begin applications during or after seeding, sticking of cuttings or after transplanting to propagation beds, containers, pots or trays. Optimal performance is obtained with preventative treatments repeated every 21 – 28 days throughout the growing cycle. Rhapsody ASO can be mixed with chemical fungicides registered for soil applications. See application rate tables for more detailed application instructions.

**FOR USE ON TURF, LAWNS, SOD, GOLF COURSES
(GREENS, TEES, FAIRWAYS AND ROUGHS) ORNAMENTAL TURF- [Agricultural],
[Commercial], [Residential Use]**

Rhapsody ASO is a broad spectrum biofungicide for use in the prevention, suppression and aiding in control of turf and lawn diseases; brown patch, dollar spot, powdery mildew, rust and anthracnose.

Turf, Lawns, Sod, Greens, Ornamental Turf Use:

APPLICATION INSTRUCTIONS: Apply at the rate of 2.0 to 10.0 fl. oz. of Rhapsody ASO per 1000 sq. ft. of surface area. Apply in sufficient water to provide thorough coverage, depending on the application equipment. Two gallons of water per 1000 sq. ft of surface is commonly used.

See application rate tables for more detailed application instructions.

CONDITIONS FOR SALE AND WARRANTY

AgraQuest warrants to those persons lawfully purchasing this product that at the time of the first sale of this product by Seller that this product conformed to its description and was reasonably fit for the purposes stated on the label when used in accordance with Seller's directions. Buyers and users of this product assume the risk of any use contrary to such directions. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. Except to the extent prohibited by applicable law, AgraQuest offers this product with the following conditions: 1) buyers and users of this product assume the risk of any storage, handling or use contrary to AgraQuest's label and directions and 2) AgraQuest's liability shall in no case exceed the purchase price of the applicable AgraQuest product.

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05 February 2008

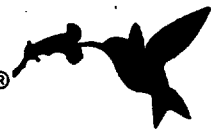
RHAPSODY ASO EPA MASTER LABEL

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Made in Mexico

AgraQuest, Inc.
1540 Drew Avenue
Davis, California 95618
www.agraquest.com

AGRAQUEST®



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Application Rates for Use as a Foliar Spray on Ornamentals, Trees, Shrubs, Flowering Plants, Landscape plants

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label. Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

	Disease	Rate* qts/100 gallons spray mix	Application Instructions
Ornamentals Trees Shrubs Flowering Plants Tropical Plants Landscape plants Indoors, Outdoors Fields Greenhouses, Nurseries Annuals Perennials Bedding plants Potted flowers Cut flowers Foliage plants Deciduous trees Deciduous shrubs Tropical foliage Container grown plants Conifer production for reforestation purposes	Anthracnose— <i>Colletotrichum</i> spp. Bacteria – <i>Erwinia</i> spp. <i>Pseudomonas</i> spp. <i>Xanthomonas</i> spp. Black spot of rose <i>Diplocarpon rosea</i> Botrytis- <i>Botrytis cinerea</i> Downy Mildew – <i>Peronospora</i> spp. Leaf spots – <i>Alternaria</i> spp. <i>Cercospora</i> spp. <i>Entomosporium</i> spp. <i>Helminthosporium</i> spp. <i>Myrothecium</i> spp. <i>Septoria</i> spp. Powdery mildew – <i>Erysiphe</i> spp. <i>Oidium</i> spp. <i>Podosphaera</i> spp. <i>Sphaerotheca</i> spp. <i>Phytophthora</i> spp. Rust – <i>Puccinia</i> spp. Scab – <i>Venturia</i> spp.	2-8	<p>Indoors, Outdoors, Field, Greenhouse, Nursery Grown Plants: Apply Rhapsody ASO at rates ranging from 2-8 quarts of product in 100 gallons of water per acre. Make applications on a 3- to 10-day schedule. Begin applications when conditions favor disease development prior to the onset of disease. Or [Begin applications prior to or in the early stages of disease development.]</p> <p>Under normal conditions apply Rhapsody ASO at a rate of 4 quarts of product per 100 gallons of spray solution per acre on a 7-day schedule. When conditions favor severe disease development shorten the spray interval or use a higher rate. Thorough coverage is essential for effective disease control. When more diluted or concentrated spray solutions are needed for the type of equipment being used, follow the "Use Determination" section of this label.</p> <p>Post Harvest Dip Application on Cut Flowers: For post-harvest dip applications on cut flower crops, dip cut flowers/buds in a solution containing 6 to 25 fluid ounces of Rhapsody ASO in 10 gallons of water soon after cutting. Immerse flowers for a period sufficient to provide thorough contact between cut flower/bud and the treatment solution. Use higher rates under conditions of heavy disease pressure.</p>

- Rate presented in quarts/100 gallons of spray mix unless otherwise noted.

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Application Rates for Soil Drench Uses in the Field, Interiorscapes, Greenhouses, Glasshouses, Shadehouses, Nurseries [Outdoors and Indoors], [Open or Enclosed]

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label. Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Crops	Disease	Rate* qts/100 gallons spray mix	Application Instructions
Ornamentals Trees Shrubs Annuals Perennials Flowering plants Tropical plants Bedding plants Landscape Plants Container plants Potted plants Foliage plants Deciduous trees Deciduous shrubs Forestry Seedlings Conifer production for reforestation purposes Fruits Vegetables and other crops grown in greenhouses and nurseries	<i>Rhizoctonia</i> spp. <i>Pythium</i> spp. <i>Fusarium</i> spp. <i>Phytophthora</i> spp.	2-8	<p>Soil Drench Uses: Field, Interiorscape, Greenhouse, Glasshouse, Shadehouses, Nurseries, Indoors/Outdoors, [open or enclosed]</p> <p>Mix 128 fl. oz to 256 fl. oz of Rhapsody ASO with 100 gallons of water. Use higher application rates under conditions of heavy disease pressure.</p> <p>Apply finished mixture at a rate to thoroughly soak the growing media through the root zone (1 pint / sq. ft. for each 3 inches of soil depth) as a drench or directed spray using hand held, mechanical or motorized spray equipment, or as a chemigation drench or directed spray using applicable sprinkler irrigation systems. Begin applications during or after seeding, sticking of cuttings or after transplanting to propagation beds, containers, pots or trays. Optimal performance is obtained with preventative treatments repeated every 21 – 28 days throughout the growing cycle. Rhapsody ASO can be mixed with chemical fungicides registered for soil applications.</p>

* Rate presented in quarts/100 gallons of spray mix unless otherwise noted.

Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label. Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Brassica Broccoli Cabbage Cauliflower Brussels Sprouts Collards Kale Mustard Greens Kohlrabi and other brassica crops	Pin Rot Complex <i>Alternaria/Xanthomonas</i> Bacterial Leaf Spot <i>Pseudomonas syringae</i> Bacterial Soft Rot <i>Erwinia / Pseudomonas</i> Black Rot <i>Xanthomonas</i> <i>campestris</i> Xanthomonas Leaf Spot <i>Xanthomonas</i> <i>campestris</i> Alternaria Leaf Spot <i>Alternaria</i> spp. Anthracnose <i>Colletotrichum</i> <i>higginsianum</i> Cercospora Leaf Spot <i>Cercospora brassicicola</i> Downy Mildew <i>Peronospora parasitica</i> <i>Peronospora</i> spp. Powdery Mildew <i>Erysiphe polygoni</i> Southern Blight <i>Sclerotium rolfsii</i>	2-8	<p>Pin Rot - For suppression, begin applications when environmental conditions in the greenhouse are conducive to rapid disease development and repeat on 7 to 10 day intervals or as needed. Thorough coverage is essential. For improved performance, use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.</p> <p>For all other diseases - Begin application soon after emergence or transplant and when conditions in the greenhouse are conducive to disease development. Repeat on a 7 to 10 day interval or as needed.</p>
Bulb Vegetables Onion Garlic Shallots and other bulb vegetables	Botrytis neck rot <i>Botrytis</i> spp. Botrytis Leaf Blight <i>Botrytis squamosa</i> Onion Purple Blotch <i>Alternaria porri</i> Onion Downy Mildew <i>Peronospora destructor</i> Downy Mildew <i>Peronospora</i> spp. Powdery Mildew <i>Erysiphe</i> spp.	2-8	Begin applications when environmental conditions in the greenhouse are conducive to rapid disease development. Continue sprays at 7 to 10 day intervals or as needed. When conditions in the greenhouse are conducive to rapid disease development, use Rhapsody ASO in a rotational program with other registered fungicides for Botrytis neck rot control. Thorough coverage is essential.
	Rust- <i>Puccinia porri</i>	2-8	For suppression, begin application when conditions are conducive to disease development and repeat on a 7 to 10 day interval or as needed. Thorough coverage is essential. For improved performance or as a part of a preventative disease control program, use Rhapsody ASO in a tank mix or rotational program with other registered fungicides for rust control

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Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Cucurbits Cucumber Cantaloupe Melon Muskmelon Squash Watermelon and other cucurbits	Powdery Mildew <i>Erysiphe</i> spp. <i>Sphaerotheca</i> spp. Gummy Stem Blight <i>Phoma cucurbitacearum</i> <i>Didymella bryoniae</i> Angular Leaf Spot <i>Pseudomonas syringae</i> Anthracnose <i>Colletotrichum lagenarium</i> Downy Mildew <i>Pseudoperonospora cubensis</i> Bacterial Fruit Blotch <i>Acidovorax avenae</i>	2-8	Begin applications soon after emergence or transplant When environmental conditions in the greenhouse and plant stage are conducive to rapid disease development. Repeat on 7 to 10 day intervals or as needed. Thorough coverage is essential. For improved performance, use Rhapsody ASO in a rotational program with other registered fungicides. 7 to 10 day intervals or as needed.
Fruiting Vegetables Pepper Tomato Eggplant and other fruiting vegetables	Gray mold <i>Botrytis cinerea</i>	2-8	For suppression, begin applications soon after emergence or transplant and continue on a 7 to 10 day interval or as needed. When environmental conditions in the greenhouse are conducive to rapid disease development, use Rhapsody ASO in a rotational program with other registered fungicides. Thorough coverage is essential.
	Powdery mildew <i>Leveillula taurica</i> <i>Oidiopsis taurica</i> Downy Mildew <i>Pseudoperonospora cubensis</i>	2-8	For suppression, begin applications soon after emergence or transplant and continue on a 7 to 10 day interval or as needed. Thorough coverage is essential. Use maximum label rates under conditions conducive to rapid disease development. For improved performance, use Rhapsody ASO in a tank mix or in a rotational program with other registered fungicides.
	Bacterial Spot <i>Xanthomonas</i> spp. Target Spot <i>Corynespora cassiicola</i>	2-8	Begin applications soon after emergence or transplant and when environmental conditions are conducive to disease development. Continue applications on a 5 to 7 day interval or as needed. When conditions are conducive to rapid disease development, for improved performance, use Rhapsody ASO in a tank mix program with copper-based bactericides registered for control of bacterial spot.

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Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Fruiting Vegetables Pepper Tomato Eggplant and other fruiting vegetables	Bacterial Speck <i>Pseudomonas syringae</i> <i>pv tomato</i>	2-8	Begin application soon after emergence or transplant and when environmental conditions are conducive to disease development. Continue applications on a 5 to 7 day interval or as needed. Use higher rates when conditions are conducive to rapid disease development. For improved performance, use Rhapsody ASO in a tank mix or in a rotational program with other registered fungicides.
	Early Blight <i>Alternaria solani</i> Late Blight <i>Phytophthora infestans</i>	2-8	For suppression, begin application when plants are 4 to 6 inches high. Repeat applications on a 5 to 7 day interval or as needed. For improved performance, use Rhapsody ASO in a tank mix or rotational program with other registered fungicides for late blight control.
Herbs/ Spices	Bacterial Blight <i>Pseudomonas syringae</i> Anthracnose <i>Colletotrichum</i> spp. Alternaria Leaf Blight <i>Alternaria</i> spp.	2-8	Begin application when environmental conditions in the greenhouse are conducive to disease development. Repeat on a 7 to 10 day interval or as needed.

Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Leafy Vegetables Lettuce Celery Spinach Parsley Radicchio and other leafy vegetables	Downy Mildew <i>Bremia lactucae</i> <i>Peronospora</i> spp. Powdery Mildew <i>Erysiphe cichoracearum</i> <i>Erysiphe</i> spp. Pink Rot <i>Sclerotinia sclerotiorum</i>	2-8	<p>Downy mildew / powdery mildew - For suppression, apply as a foliar spray and begin applications when conditions are conducive to disease development. Repeat on a 7 to 10 day interval or as needed. Apply in sufficient water to ensure complete coverage of entire plant. For improved performance as a preventative treatment in early crop stages or when conditions are conducive to rapid disease development use Rhapsody ASO in a tank mix or alternating spray program with other registered fungicides.</p> <p>Pink rot – Begin application approximately 8 weeks before harvest and repeat on a 14 day interval. Apply Rhapsody ASO as a directed spray in sufficient water to ensure thorough coverage of the base of the plants and the surrounding soil surface. Light irrigation following application to incorporate Rhapsody ASO may improve disease control.</p>

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Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Green-house Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Leafy Vegetables Lettuce Celery Spinach Parsley Radicchio and other leafy vegetables	Sclerotinia Head and Leaf Drop <i>Sclerotinia</i> spp.	2-8	<p>For control of early Sclerotinia head and leaf drop: Apply at planting or immediately following planting but prior to crop emergence as a 4- to 6-inch seed line treatment. Make a second application as a directed spray with multiple nozzles per each seed line in sufficient water to ensure thorough coverage of lower plant leaves and surrounding soil surface within 7 days of thinning. Additional applications should be made on 7 to 10 day intervals if conditions for disease development persist. Use higher rates under conditions conducive to moderate to severe disease pressure. Light irrigation after application to incorporate the product may improve disease control. Thorough coverage is essential.</p> <p>OR</p> <p>For control of Sclerotinia head and leaf drop: Apply as a directed spray with multiple nozzles per each seed line in sufficient water to ensure thorough coverage of lower plant leaves and surrounding soil surface within 7 days of thinning or transplanting. Repeat applications on 7 to 10 day intervals if conditions for disease development persist. Use higher rates under conditions conducive to moderate to severe disease pressure. Light irrigation after application to incorporate the product may improve disease control. Thorough coverage is essential.</p>

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Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Root / Tuber Carrot Potato Sweet Potato Beets Ginger Horseradish Radish Ginseng Turnip and other root/ Tuber crops	Black Root Rot/ Black Crown Rot <i>Alternaria</i> spp.	2-8	Begin applications soon after emergence or transplant when environmental conditions in the greenhouse are conducive to rapid disease development. Continue sprays at 7 to 10 day intervals or as needed. Thorough coverage is essential.
	Bacterial Leaf Blight <i>Xanthomonas campestris</i>	2-8	Begin applications when environmental conditions in the greenhouse are conducive to rapid disease development. Continue sprays at 7 to 10 day intervals or as needed. Use high rates and shorter intervals when conditions are conducive to rapid disease development. Thorough coverage is essential.
	Early Blight <i>Alternaria solani</i> Late Blight <i>Phytophthora infestans</i>	2-8	For suppression, begin application soon after emergence and when conditions are conducive to disease development. Repeat on a 5 to 7 day interval or as needed. For improved performance, use Rhapsody ASO in a tank mix or rotational program with other registered fungicides for late blight control.

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Recommended Application Rates for Selected Greenhouse Crops – Agricultural Use

Rhapsody ASO has a 0-Day PreHarvest Interval for all crops contained on this label) Under moderate to severe disease pressure, for improved performance, increase rates and reduce spray intervals or use Rhapsody ASO in a tank mix or rotational program with other registered fungicides.

Greenhouse Crops	Diseases	Rate Qts./100 gallons spray mix	Application Instructions
Strawberry	<p>Powdery Mildew <i>Sphaerotheca macularis</i> <i>Erysiphe</i> spp.</p> <p>Anthracnose <i>Colletotrichum acutatum</i></p> <p>Botrytis <i>Botrytis cinerea</i></p> <p>Gray Mold <i>Botrytis</i> spp.</p> <p>Angular Leaf Spot <i>Xanthomonas fragariae</i></p>	2-8	<p>Botrytis/Powdery mildew - For suppression, begin application at or before flowering and repeat on a 7 to 10 day interval or as needed through harvest. For improved performance, use Rhapsody ASO in a tank mix or rotational program with other registered fungicides for powdery mildew and botrytis control.</p> <p>Anthracnose – Begin application prior to disease development and repeat on a 7 to 10 day interval or as needed.</p> <p>Angular Leaf Spot - Begin application when conditions are conducive to disease development. Continue sprays at 7 to 10 day intervals or as needed. Use high rates and shorter intervals when conditions are conducive to rapid disease development. Thorough coverage is essential.</p> <p>Rhapsody ASO may be applied up to and including the day of harvest.</p>

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SUB LABEL

Rhapsody® Garden™ Disease Control

[For Home and Garden Use]

[For Home, Garden and Lawn (Turf) Use]

[Alternate Names for Turf Label when sold for hose end sprayers:]

'Rhapsody Garden Lawn (or Turf) Disease Control – Ready to Spray' and
'Rhapsody Garden Disease Control for Lawns (or Turf) - Ready to Spray']

[Optional/Alternate Statements:]

["NOP Logo: For Organic Gardening"]

["NOP Logo: Can Be Used for Organic Gardening"]

[Optional Claims:]

[Attacks over 40 diseases]

[Attacks both fungal & bacterial diseases]

[Apply any time of day]

[Will not burn or injure leaves, lawns (turf)]

[Fungicide (or Biofungicide) that attacks harmful garden and lawn diseases]

[Use on Roses, Vegetables, Fruits, Flowering Plants, Trees, Shrubs and Lawns (Turf)]

[Controls Bacterial Spot, Powdery Mildew, Rust, Grey Mold, Leaf Blight, Scab]

[Concentrate]

[Optional Claims for Lawn and Turf Label:]

[Prevents and controls harmful (major) lawn diseases (including brown patch, dollar spot)]

[Controls Brown Patch, dollar spot and other common lawn diseases]

[Use anytime on all lawns to prevent and control major lawn diseases]

[Promotes healthy disease-free lawns]

["Easy! Attach Hose and Spray!"]

ACTIVE INGREDIENT

QST 713 strain of *Bacillus subtilis* 1.34%

INERT INGREDIENTS 98.66%

Total 100.00%

Contains a minimum of 1 x 10⁹ CFU/g

EPA Reg. No. 69592-19

EPA Est. No.:

1 2 3 4 5

69592- 67545- 66728- 37429- 69592-

MEX-1 AZ-1 GA-2 GA-2 CA-1

[Superscript corresponds to last digit of lot number stamped on container]

U.S. Patent Nos. 6,060,051, 6,103,228, 6,291,426, and 6,417,163 on QST 713 strain of *Bacillus subtilis*

Net contents: [16 fluid ounces OR 20 fluid ounces OR 24 fluid ounces OR 28 fluid

ounces OR 32 fluid ounces

[Makes up to 8 gallons of spray (16 fl oz size), Makes up to 10 gallons of spray (20 fl oz size), Makes up to 12 gallons of spray (24 fl oz size), Makes up to 16 gallons of spray (32 fl oz size)]

[Lawn Use: Treats up to 8000 sq. ft. (16 fl oz), Treats up to 10000 sq. ft. (20 fl oz), Treats up to 12000 sq. ft. (24 fl oz), Treats up to 16000 sq. ft. (32 fl oz)]

KEEP OUT OF REACH OF CHILDREN

CAUTION

[For smaller container sizes:]

[See attached booklet for First Aid Statements.]

[Peel back tab for First Aid and Precautionary Statements and Directions for Use.]

PRECAUTIONARY STATEMENTS – Home and Garden

HAZARDS TO HUMANS & DOMESTIC ANIMALS

Harmful if inhaled. Avoid breathing spray mist. Remove contaminated clothing and wash clothing before use.

FIRST AID

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a doctor or poison control center for further treatment advice. Have the product label with you when calling a doctor or poison control center.

ENVIRONMENTAL HAZARDS – Home and Garden

Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate.

DIRECTIONS FOR USE – Home and Garden

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

GENERAL USE INFORMATION – Home and Garden

Rhapsody Garden Disease Control [Alternate Statement: is a broad spectrum, preventative biofungicide recommended for the control or suppression of many important plant diseases and] [Alternate Statement: effectively controls or prevents a wide range of important fungal and bacterial plant diseases and] [Rhapsody Garden Disease Control Concentrate] may be used on roses, vegetables, fruits, nuts, flowers, houseplants, foliage, trees, shrubs, lawns, turf, sod, and ornamental turf [located in residential landscapes].

[Rhapsody Garden Disease Control may be applied any time of day, in full sun and high temperatures, without stressing or burning foliage.]

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MIXING AND APPLICATION INSTRUCTIONS –**Home and Garden**

Rhapsody Garden Disease Control can be applied in commonly used pressurized hand-held sprayers, hose-end sprayers and spray trigger bottles. Spray to ensure thorough coverage of the plant.

For best results, treat prior to foliar disease development or at the first sign of foliar disease infection. Repeat at 7-day intervals or as needed. [Under conditions of high disease pressure] When environmental conditions favor rapid disease development (high humidity, excessive rain, extreme moisture condition, etc.) spray more often [Alternate: shorten the spray interval] or [for ornamental plants, use the higher rate.].

Rhapsody Garden Disease Control can be applied up to and including the day of harvest.

Pressurized Hand-Held Sprayer Application Instructions:**Mixing and Application:**

For all applications mix the spray solution thoroughly and keep spray solution agitated during application. Do not allow spray mixture to stand overnight or for prolonged periods.

For Fruits, Vegetables, Nuts (e. g. Apples/Pears, Broccoli, Carrot, Cherries, Cucurbits, Grapes, Leafy Vegetables, Onions/Garlic, Pepper, Tomato, and Walnuts) mix 2 fluid oz (1/4 cup = 4TBSP) to 4 fluid oz (1/2 cup = 8 TBSP) of Rhapsody Garden Disease Control per gallon of water. Spray plants to runoff, covering both top and bottom surface of foliage to ensure thorough coverage.

For Annual and Perennial Ornamental Plants, Flowering Plants, Tropical Foliage, Trees and Shrubs, mix 2 fluid oz (1/4 cup = 4TBSP) to 4 fluid oz (1/2 cup = 8 TBSP) of Rhapsody Garden Disease Control per gallon of water. Spray plants to runoff, covering both top and bottom surface of foliage to ensure thorough coverage.

For Lawns, Turf and Ornamental Turf: mix 2 fluid oz (1/4 cup = 4TBSP) to 8 fl oz (1 cup = 16 TBSP), of Rhapsody Garden Disease Control per gallon of water. Apply at a rate of one gallon of spray solution per 1,000 square feet (equivalent to 2 to 8 fluid oz of Rhapsody Garden Disease Control per 1,000 square feet of turf).

[Optional/Alternative: For Lawns, Turf and Ornamental Turf: mix 1 fluid oz (1/4 cup = 4TBSP) to 4 fluid oz (1/2 cup = 8 TBSP), of Rhapsody Garden Disease Control per gallon of water. Apply at a rate of 2 gallons of spray solution per 1,000 square feet (equivalent to 2 to 8 fluid oz of Rhapsody Garden Disease Control per 1,000 square feet of turf).]

Hose-End Sprayer Application Instructions:

Follow hose end sprayer directions to determine how to fill, set dial, spray, clean and disconnect from hose. Set dial on sprayer to deliver rates per gallon below. Do not allow spray mixture to stand overnight or for prolonged periods.

Application:

For Fruits, Vegetables, Nuts (e. g. Apples/Pears, Broccoli, Carrot, Cherries, Cucurbits, Grapes, Leafy Vegetables, Onions/Garlic, Pepper, Tomato, and Walnuts) set sprayer to apply 2 fluid oz (1/4 cup = 4TBSP) to 4 fluid ounces (1/2 cup = 8 TBSP) of Rhapsody Garden Disease Control per gallon of water. Spray plants to runoff, covering both top and bottom surface of foliage to ensure thorough coverage.

For Annual and Perennial Ornamental Plants, Flowering Plants, Tropical Foliage, Trees and Shrubs: Set sprayer to apply 2 fluid oz (1/4 cup = 4TBSP) to 4 fluid oz (1/2 cup = 8 TBSP) of Rhapsody Garden Disease Control per gallon of water. Spray plants to runoff, covering both top and bottom surface of foliage to ensure thorough coverage.

For Lawns, Turf and Ornamental Turf: set sprayer to apply 2 fluid oz (1/4 cup = 4TBSP) to 8 fl oz (1 cup = 16 TBSP) of Rhapsody Garden Disease Control per gallon of water. Apply one gallon of spray to thoroughly cover 1000 square feet (equivalent to 2 to 8 fl oz per 1000 sq ft. of Turf)

[Optional/alternative: set sprayer to apply 1 fluid ounce (1/8 cup = 2 TBSP) to 4 fluid ounces (1/2 cup = 8 TBSP) per gallon of water and apply two gallons of spray to thoroughly cover 1000 square feet. (Equivalent to 2 to 8 fluid oz of Rhapsody Garden Disease Control per 1,000 square feet of turf).]

[RHAPSODY GARDEN DISEASE CONTROL] MAY BE USED ON [THE FOLLOWING]: [Alternate: VEGETABLES, FRUIT, NUTS, AND ORNAMENTAL PLANTS] [Alternate; PLANTS, CROPS, SITES]

HOME and GARDEN [VEGETABLES, FRUITS AND NUTS] PLANTS:

[Artichoke, Asparagus]

[Berries (Blueberries, Blackberry, Raspberry, Loganberry, Huckleberry, Cranberry, Gooseberry, Elderberry, Currant, Caneberry, and other berry crops)]

[Brassica (Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Collards, Kale, Mustard Greens, Kohlrabi and other brassica crops)]

[Bulb Vegetables (Onion, Garlic, Shallots and other bulb vegetables)]

[Citrus (Orange, Grapefruit, Lemon, Tangerine, Tangelo, Pummelo and other citrus crops)]

[Cucurbits (Cucumber, Cantaloupe, Melon, Muskmelon, Squash, Watermelon and other cucurbit crops)]

[Fruiting Vegetables (Pepper, Tomato, Eggplant and other fruiting vegetables)]

Grape, Herbs/ Spices, Hop,

[Leafy Vegetables (Lettuce, Celery, Spinach, Parsley, Radicchio and other leafy vegetable crops)]

[Legumes/vegetables (Beans, Green beans, Snap beans, Shell beans, Dry Beans, Garbanzo beans, Lima beans, Peas, Chick peas, Split peas, Lentils and other legume/ vegetable crops)]

Mango, Mint, Olive, Papaya, Peanuts,

[Pome Fruit (Apple, Crabapple, Pear, Quince, Mayhaw and other pome fruit)]

[Root / Tuber (Carrot, Potato, Sweet Potato, Beets, Ginger, Horseradish, Radish, Ginseng, Turnip and other root/ tuber crops)]

Roses

[Stone Fruit (Apricot, Cherry, Nectarine, Peach, Plum, Prune, and other stone fruit crops)]

Strawberry, Sweet Corn, Tobacco, Watercress,

[Tree Nut (Almond, Pistachio, Pecan, Walnut, Filberts, Chestnut, Cashew, Beechnut, Butternut and other tree nut crops)]

GREENHOUSE PLANTS:

Brassica (Broccoli, Cabbage, Cauliflower, Brussels Sprouts, Collards, Kale, Mustard Greens, Kohlrabi and other brassica crops)

Bulb Vegetables (Onion, Garlic, Shallots and other bulb vegetables)

Cucurbits (Cucumber, Cantaloupe, Melon, Muskmelon, Squash, Watermelon and other cucurbits)

Fruiting Vegetables (Pepper, Tomato, Eggplant and other fruiting vegetables)

Herbs/ Spices

Leafy Vegetables (Lettuce, Celery, Spinach, Parsley, Radicchio, and other leafy vegetables)

Root / Tuber (Carrot, Potato, Sweet Potato, Beets, Ginger, Horseradish, Radish, Ginseng, Turnip and other root/ tuber crops)

Strawberry

ORNAMENTALS, TREES, SHRUBS, FLOWERING PLANTS, TROPICAL PLANTS:

[Optional: PLANTS EVALUATED FOR PHYTOTOXICITY]

[Annual and Perennial Flowering Plants:

Alyssum	Asters	Azalea
Begonia	Calla lily	
Chrysanthemum	Cyclamen	Dianthus
Dwarf Bee-Balm	Easter lily	
Garden phlox	Geraniums	Gerbera
Golden star	Hydrangea	Impatiens
Kalanchoe	Linaria	Lisianthus
Lobelia	Marigolds	Orchids
Pansies	Petunia	Poinsettia
Portulaca	Ranunculus	Roses
Salvia spp.	Snapdragons	Stock
Verbena spp.	Vinca	Violas
Zinnias]		

[Tropical foliage:

Aglaonema	Dieffenbachia	Dracaena spp.	English Ivy
Hibiscus	Leatherleaf Fern	Spathiphyllum]	

[Trees and Shrubs:

Azalea	Boxwood
Crape myrtle	Dogwood
Gumbo azalea	Indian Hawthorn
Japanese maple	Ligustrum japonicum
Lilac	Loropetalum
Photinia	Rhododendron
Rosaceae spp.	Soft Touch Holly
Spirea.]	

[Optional Statement; It is impossible to test all plants for phytotoxicity. To assure that the plants to be treated are not sensitive to the treatment, apply a small amount of the highest application rate of the product to a few leaves or the above ground portion of a plant and check within 3 days. Use product according to label directions.]

DISEASES CONTROLLED [OR SUPRESSED] [OR PREVENTED] BY RHAPSODY GARDEN DISEASE CONTROL [ON VEGETABLES, FRUIT, NUTS, ORNAMENTAL PLANTS] [Alternate; ON PLANTS, CROPS, SITES]

Ornamental Diseases:

Anthracnose-*Colletotrichum* spp.

Bacteria-*Erwinia* spp., *Pseudomonas* spp., *Xanthomonas* spp.

Black spot of rose -- *Diplocarpon rosea*

Botrytis (*Botrytis* spp.)

Downy Mildew (*Peronospora* spp.)

Leaf spots – (*Alternaria* spp., *Cercospora* spp., *Entomosporium* spp., *Helminthosporium* spp., *Myrothecium* spp., *Septoria* spp.)

Powdery Mildew (*Erysiphe* spp., *Sphaerotheca* spp., *Oidium* spp., *Podosphaera* spp.)

Rust–(*Puccinia* spp.)

Scab (*Venturia* spp.) - suppression

Vegetable and Fruit Diseases:

Bacterial Leaf Blight (*Xanthomonas campestris*)

Bacterial Speck (*Pseudomonas syringae* pv. Tomato)

Bacterial Spot (*Xanthomonas* spp.) - suppression

Bean Rust (*Uromyces appendiculatus*) – suppression

Black Mold (*Alternaria alternata*)

Black Root Rot/Black Crown Rot (*Alternaria* spp.)

Botrytis Leaf Blight (*Botrytis squamosa*)

Botrytis Neck Rot (*Botrytis* spp.)

Downy Mildew (*Bremia lactucae*, *Peronospora* spp., and *Plasmopara viticola*) - suppression

Early Blight (*Alternaria solani*) – suppression

Fire Blight (*Erwinia amylovora*) – suppression

Gray Mold (*Botrytis cinerea*)

Greasy spot (*Mycosphaerella citri*) - suppression

Late Blight (*Phytophthora infestans*) – suppression

Leaf spots – (*Alternaria* spp., *Cercospora* spp., *Entomosporium* spp., *Helminthosporium* spp., *Myrothecium* spp., *Septoria* spp.)

Onion Downy Mildew (*Peronospora destructor*)

Onion Purple Blotch (*Alternaria porri*)

Phytophthora spp.

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Pin Rot (*Alternaria/Xanthomonas* complex) - suppression
 Powdery Mildew (*Uncinula necator Erysiphe* spp., *Sphaerotheca* spp., *Oidiopsis taurica*,
Leveillula taurica, *Podosphaera leucotricha*)
 Rust-*Puccinia* spp.
 Scab (*Venturia* spp.) - suppression
 Sclerotinia head and leaf drop (*Sclerotinia* spp.)
 Sour Rot
 Target Spot (*Corynespora cassiicola*)
 Walnut Blight (*Xanthomonas campestris*)
 White Mold (*Sclerotinia sclerotiorum*) – suppression

[RHAPSODY GARDEN DISEASE CONTROL] MAY BE USED ON LAWNS, TURF, ORNAMENTAL TURF and Golf Courses. (Fairways, GREENS, roughs, tees)

LAWNS, TURF, ORNAMENTAL TURF, GOLF COURSES (Fairways, GREENS, Roughs, Tees:

Bluegrass, Bentgrass, Bermudagrass (common & hybrid), Dichondra, Fescue, Orchard grass, Poa Annu, St. Augustine, Ryegrass, Zoyia, Mixtures and other grasses or ornamental turf.

DISEASES CONTROLLED [OR SUPRESSED] [OR PREVENTED] [BY RHAPSODY] [ON LAWNS, TURF, ORNAMENTAL TURF AND Golf Courses. (Fairways, GREENS, roughs, tees)]

Lawn and Turf Diseases:

Brown patch (*Rhizoctonia solani*)
 Dollar Spot (*Lanzia* spp., *Moellerodiscus*, spp. formerly *Sclerotinia homeocarpa*)
 Powdery Mildew (*Erysiphe graminis*)
 Rust (*Puccinia* spp.)
 Anthracnose (*Colletotrichum graminicola*)

STORAGE AND DISPOSAL – Home and Garden

STORAGE: Store in original container only, [Alternate: in an area inaccessible to children] [or Alternate: out of reach of children]. Keep container closed when not in use

CONTAINER DISPOSAL:

[16-, 20-, 24-, or 32-ounce bottle]

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Questions or Comments call 800 728-0014

www.agraquest.com

www.serenadegarden.com

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[This label amended by notification; February 2008]