A Wettatable Powder Biofungicide
FOR MUSHROOM PRODUCTION USE

ACTIVE INGREDIENT:
QST 713 strain of
dried Bacillus subtilis*.......................... 14.6%
OTHER INGREDIENTS: ........................... 85.4%
TOTAL: ........................................... 100.0%

*Contains a minimum of 7.3 x 10^9 cfu/g

EPA Reg. No.: 69592-11
EPA Est. No.: 69592-MEX-1

NET CONTENTS:
5 lbs. (2.27 kg)

See attached label booklet for First Aid, Precautionary Statements, Directions for Use, and Storage and Disposal Instructions.

KEEP OUT OF REACH OF CHILDREN

CAUTION

MADE IN MEXICO

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

Lot No.:
US0030-001
AQ1342-001

Can be Used for Organic Production
A Wettable Powder Biofungicide

FOR MUSHROOM PRODUCTION USE

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KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Registration No. 69592-11
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U.S. Patent Nos. 6,060,051, 6,103,228, 6,291,426, and 6,417,163 on QST 713 strain of Bacillus subtilis

Agraquest, Inc.
1540 Drew Avenue
Davis, CA  95618
www.agraquest.com
PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION

Causes moderate eye irritation. Harmful if absorbed through skin or inhaled. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. 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.

FIRST AID

| IF IN EYES:            | Hold eyes open and rinse slowly and gently with water for 15 - 20 minutes. |
|                       | Remove contact lenses, if present after the first 5 minutes, then continue rinsing eye. |
|                       | Call a poison control center or doctor for treatment advice. |

| IF ON SKIN OR CLOTHING: | Take off contaminated clothing. |
|                        | Rinse skin with plenty of water for 15 - 20 minutes. |
|                        | Call a poison control center or doctor for further treatment advice. |

| 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 poison control center or doctor or going for treatment.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

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

OPTIONAL: ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides, the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

USER SAFETY RECOMMENDATIONS

Users should:
- Remove clothing/PPE immediately if pesticides get 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.
ENVIROMENTAL HAZARDS
For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinse water. Do not apply when weather conditions favor drift or runoff from treated areas.

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

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal 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 4 hours.

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.

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

GENERAL USE INFORMATION
JAZZ is a preventative product for the suppression of Green Mold in mushroom production. Mix JAZZ with mushroom spawn grains, mushroom growing supplement or apply JAZZ as a drench alone to the surface of mushroom beds, in alternating drench programs or in tank mixes with other registered mushroom production protection products. When used as a drench, apply JAZZ with spray equipment commonly used for making ground applications and sprinkler/irrigation systems commonly used for chemigation in mushroom production. JAZZ can be used for organic production.

INTEGRATED PEST MANAGEMENT (IPM)
Integrate JAZZ 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
For all treatments, carefully read and follow all label directions, use rates and restrictions. For treatment of mushroom spawn grains and growing supplement, use maximum label rates when heavy disease development is anticipated. For drench applications, application of JAZZ prior to or in the early stages of disease development provides the best suppression of Green Mold. Use maximum label rates for conditions conducive to rapid disease development or when disease development is anticipated. For proper application, determine the number of square feet of bed surface to be treated and the label use rate. For drench applications, prepare only the amount of spray solution required to treat the measured square feet of bed surface. Accurate spray equipment calibration is essential prior to use.
PREHARVEST INTERVAL
JAZZ can be applied up to and including the day of harvest.

APPLICATION INSTRUCTIONS

GROUND: For treatment of mushroom spawn grains and growing supplement, be sure to completely mix JAZZ with gypsum, limestone or chalk according to Application Instructions and Dosages Table prior to mixing with mushroom spawn grains or growing supplement. Thorough mixture of the treated mushroom growing substrate is essential for effective disease suppression.

For drench applications, be sure to maintain agitation during mixing and application to assure uniform product suspension. Thorough coverage of beds is essential for effective disease suppression. JAZZ can be applied with commonly used ground equipment: hose-end, pressurized, greenhouse and hand-held sprayers. To achieve good coverage, use proper spray pressure, gallonage per square feet of bed surface, nozzles, nozzle spacing and ground speed. Consult spray nozzle and accessory catalogues for specific information on proper equipment calibration.

CHEMIGATION: This product can be applied through sprinkler (solid set and hand move) or drip type irrigation systems. Refer to the Chemigation Directions for Use section of this label for general directions and precautions. Use the drench application rate as specified in the Application Instructions and Dosages Table of this label.

MIXING INSTRUCTIONS

MIXING: For treatment of mushroom spawn grains and growing supplement, be sure to completely mix JAZZ with gypsum, limestone or chalk according to Application Instructions and Dosages Table prior to mixing with mushroom spawn grains or growing supplement. Thorough mixture of the treated mushroom growing substrate is essential for effective disease suppression.

For drench applications, JAZZ must be diluted with water. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of JAZZ 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 spray mixture to stand overnight or for prolonged periods. Maintain a spray solution pH between 4.5 and 8.5.

JAZZ may be tank-mixed with other registered pesticides to enhance mushroom disease control. This product cannot be mixed with any product containing a prohibition against such mixing. When tank-mixing JAZZ with any other registered pesticides, always read and follow all use directions, restrictions, and precautions of both JAZZ and the tank mix partner(s). Use of the resulting tank mix must be in accordance with the more restrictive label limitations and precautions. Do not exceed label dosage rates.

COMPATIBILITY: Do not combine JAZZ 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.

JAZZ 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, evaluate them 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.

ADDITIVES: JAZZ is compatible with a wide range of additives. Since the product is primarily a protectant, thorough coverage of the mushroom bed surface is required for effective product performance when used as a drench. When used to treat mushroom spawn grains and growing supplement, thorough mixing of the mushroom growing substrate is required for effective product performance.

CHEMIGATION DIRECTIONS FOR USE

General Requirements:

1) Apply this product only through sprinkler (solid set and hand move) or drip type irrigation 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.

**Requirements for Chemigation Systems Connected to Public Water Systems:**

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 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 pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back towards 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 filled with a system interlock.

7) Do not apply when wind speed favors drift beyond the area intended for treatment.

8) 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.

9) Do not combine JAZZ 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. JAZZ has not been fully evaluated for compatibility with all adjuvants or surfactants. Conduct a spray compatibility test if mixture with adjuvants or surfactants is planned.

10) Maintain agitation in the pesticide supply tank.

11) Apply JAZZ during the last half of the water application.

12) Dilute JAZZ in enough water to be able to draw through system for the last half of the water application.

**Sprinkler Chemigation Requirements:**

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 back flow.

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) Do not apply when wind speed favors drift beyond the area intended for treatment.

8) 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.

9) Do not combine JAZZ 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. JAZZ has not been fully evaluated for compatibility with all adjuvants or surfactants. Conduct a spray compatibility test if mixture with adjuvants or surfactants is planned.
Solid-set and Hand Move Irrigation Equipment:
- Determine acreage (square footage) 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 JAZZ fungicide required to treat area.
- Add the required amount of JAZZ 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 JAZZ 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 JAZZ fungicide solution has cleared the last sprinkler head.

Drip Chemigation Requirements:
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 back flow.
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 inter-locking 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) 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.
8) Do not combine JAZZ 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. JAZZ has not been fully evaluated for compatibility with all adjuvants or surfactants. Conduct a spray compatibility test if mixture with adjuvants or surfactants is planned.
9) Maintain agitation in the pesticide supply tank.
10) Apply JAZZ during the last half of the water application.
11) Dilute JAZZ in enough water to be able to draw through system for the last half of the water application.
FOR USE AS A MIX WITH MUSHROOM SPAWN GRAINS OR MUSHROOM GROWING SUPPLEMENT AND AS A DRENCH FOR MUSHROOM GROWING BEDS

JAZZ has a 0-Day PreHarvest Interval for all crops contained on this label.
If higher disease pressure is anticipated, use higher dosage.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Disease</th>
<th>Application Instructions and Dosage</th>
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</table>
| Mushroom spawn grains       | Green Mold
  *Trichoderma harzianum* | For suppression of Green Mold in mushroom spawning media:
  Thoroughly mix 5 to 10 lbs. of JAZZ with 80 to 100 lbs. of gypsum, limestone or chalk. Use this mixture to coat spawn grains (approximately 1,600 units) before mixing the spawn into the mushroom growing substrate. Apply treated spawn to 8,000 square feet of bed surface at spawning. |
| Mushroom growing supplement | Green Mold
  *Trichoderma harzianum* | For suppression of Green Mold in mushroom growing supplement:
  Thoroughly mix 5 to 10 lbs. of JAZZ with 80 to 100 lbs. of gypsum, limestone or chalk. Use this mixture to coat supplement (approximately 2,000 lbs.) before mixing the supplement into the mushroom growing substrate. Apply treated supplement to 8,000 square feet of bed surface at spawning. |
| Mushroom growing beds       | Green Mold
  *Trichoderma harzianum* | For suppression of Green Mold on the surface of mushroom beds:
  Apply 5-10 lbs. JAZZ in 150 gallons of irrigation water as a drench to 8,000 square feet of bed surface at casing before 1<sup>st</sup> flush, between 1<sup>st</sup> and 2<sup>nd</sup> flush and/or between 2<sup>nd</sup> and 3<sup>rd</sup> flush according to disease pressure. Maintain adequate circulation in the irrigation tank. |
STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.

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

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

CONTAINER DISPOSAL:
Paper and Plastic bags:
Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

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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