

AQ10™ biofungicide is a selective fungal hyperparasite for control of powdery mildew.

Active Ingredient:

Ampelomyces quisqualis isolate M-10 58.0%*

Inert Ingredients 42.0%

TOTAL 100.0%

*Contains not less than 5.0 x 10⁹ viable spores/g

CAUTION

KEEP OUT OF REACH OF CHILDREN

STATEMENT OF PRACTICAL TREATMENT

If in Eyes: Flush eyes with plenty of water. Call a physician if irritation persists.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Avoid contact with eyes. In case of contact immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Dust/mist filtering respirator (NIOSH/MSHA approval number prefix TC-21C)

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

EPA REG. No. 55638-16
EPA EST. No. 68756-ISR-01
Net Contents: 1 Ounce

ENVIRONMENTAL HAZARDS

For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

STORAGE AND DISPOSAL

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

Storage: Store in cool, dry place inaccessible to children. AQ10 contains living spores and care should be taken to properly store the product. The product is best stored at or below room temperature. Do not store in extreme heat or cold.

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

Container Disposal: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill, or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

**ACCEPTED
with COMMENTS
In EPA Letter Dated**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
55638-16**

Ecogen Inc.
2005 Cabot Blvd. West, P.O. Box 3023
Langhorne, PA 19047-3023
215/757-1590 or 800/220-2135

SPECIMEN LABEL

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 section only apply to uses of this product that are covered by the Worker Protection Standard.

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

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

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to the uses of this product 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 greenhouses.

Do not enter treated areas without protective clothing until sprays have dried.

Preharvest interval: AQ10 can be applied up to and including the day of harvest.

Mode of Action: AQ10 is a fungus that parasitizes powdery mildew. Following rehydration and application, AQ10 spores germinate into the powdery mildew mycelia and parasitize it.

MIXING INSTRUCTIONS

AQ10 should be thoroughly mixed with water. Fill the spray tank one-half full with water; add AQ10 to the tank, then finish filling the tank. The use of a mineral oil-based surfactant is recommended. Continuously agitate the tank mix to maintain suspension. Spray entire contents of mixture within the same day of mixing. AQ10 can lose viability when left in water over 12 hours.

Use higher rates when disease pressure is heavy.

APPLICATION INSTRUCTIONS

- AQ10 may be an effective resistance management tool when used in an IPM spray program with sulfur and sterol inhibitors for control of powdery mildew. It is important to use AQ10 in at least two sequential sprays 7-14 days apart. These sequential applications give AQ10 the opportunity to build up sufficient populations for the most effective long term control.
- Initial applications should begin as soon as susceptible host tissue emerges.
- Foliage and/or fruit should be sprayed thoroughly with sufficient water carrier to ensure complete coverage.
- Applications should be repeated at an interval sufficient to maintain disease control, depending upon plant growth, disease pressure and weather conditions.
- Applications should be done at a time selected to maximize the contact of AQ10 with free water on the vegetation either from dew or water carrier. Optimal AQ10 germination and parasitism occur under high humidity conditions.
- Apply only with ground equipment.
- Do not apply this product through any type of irrigation system.

FOR USE TO CONTROL POWDERY MILDEW ON THE FOLLOWING FIELD AND GREENHOUSE CROPS

Apples	Grapes	Strawberries
Cucurbits	Ornamentals	Tomatoes

WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price. In no case will Ecogen be liable for incidental, consequential or special damages resulting from the handling, storage or use of this product.

AQ10 is a trademark of Ecogen Inc.
U.S. Patent No. 5,190,754
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OCT 23 1995

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David L. Olson
 Ecogen Inc.
 2005 Cabot Boulevard West
 P.O. Box 3023
 Langhorne, PA 19047-3023

Dear Mr. Olson:

Subject: AQ10 Biofungicide
 EPA Reg. No. 55638-16
 Your Submission of August 31, 1995

On August 31, 1995, you sought to amend the subject label by reducing the use rate from 1 oz./acre to 0.5 - 1 oz./acre and by slightly modifying the text of the "Mixing Instructions" section. Other changes noted in the proposed label were new "Warranty and Conditions of Sale" text and the omission of the parenthetic term "bud break" in the "Application Instructions" section. On October 23, 1995, you informed Denise Greenway, of my staff, that "bud break" was intentionally removed because it applied only to grapes and not to the other crops on the label.

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. A stamped copy is enclosed for your records. One copy of the finished labeling must be submitted within six months of the date of this letter.

- 1) Reverse the order of the signal word "CAUTION" and the Child Hazard Warning Statement. It is preferred that the Child Hazard Warning appear on a separate line above the signal word.
- 2) Move the sentence "Do not contaminate water when disposing of equipment washwaters." from the "Pesticide Disposal" section to appear as the second sentence under "Environmental Hazards".

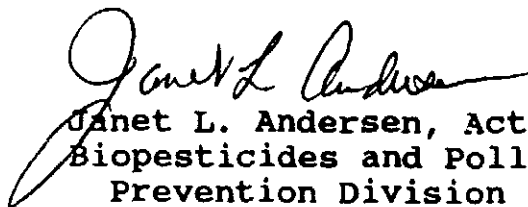
CONCURRENCES

SYMBOL	7501 W						
SURNAME	D. Greenway						
DATE	10/23/95						

4/24

Should you have questions or concerns about this letter,
please contact me or call Denise Greenway on (703) 308-8263.

Sincerely,



Janet L. Andersen, Acting Director
Biopesticides and Pollution
Prevention Division
7501W

Enclosure

DGreenway/308-8263/10-23-95/B:AQ10.LTR/5001/021007