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08/08/1999

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

AUG 9 1999

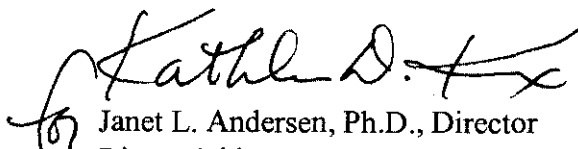
Amy Plato Roberts
Regulatory Consultant
EcoScience Produce Systems Division
P.O. Box 3228
Orlando, FL 32802-3228

RE: BIO-SAVE[®] 110 Biological Fungicide
EPA Reg. No. 68182-9
Label Amendment - Addition of new use site to label

Dear Mrs. Roberts:

The labeling amendment to add post-harvest use of BIO-SAVE[®] 110 on potatoes for the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) is acceptable. A stamped copy of the label is enclosed for your records.

Sincerely,



Janet L. Andersen, Ph.D., Director
Biopesticides and Pollution Prevention Division
7511C

CONCURRENCES

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BIO-SAVE® 110

BIOLOGICAL FUNGICIDE

- A postharvest biological disease preventative for pome fruits and potatoes.
- Aids in the control of blue mold (including benzimidazole-resistant strains of *Penicillium expansum*), gray mold and mucor rot on pome fruits
- Aids in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on potatoes.

ACTIVE INGREDIENT:

Pseudomonas syringae Strain ESC-11 83%

INERT INGREDIENTS: 17%
100%

Note: Contains a minimum of 9×10^{10} colony forming units per gram of formulated product.

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

Precaución al Usuario: Si ud. no lee Ingles, no use este producto hasta que el etiqueta haya sido explicada ampliamente.

Hazards to Humans and Domestic Animals: Avoid contact with skin, eyes and clothing. When mixing wear protective eye wear (goggles, face shield or safety glasses). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

Environmental Hazards: Do not contaminate water when disposing of equipment wash waters or rinsate.

STATEMENT OF PRACTICAL TREATMENT

If in eyes, flush with plenty of water. Get medical attention if irritation persists.

STORAGE AND DISPOSAL

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

Storage: Store only in original containers under freezer conditions. Avoid heat or warm temperatures during storage or transportation. Keep frozen until used. Store product separately from foods.

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

Container Disposal: Put empty container in trash. Do not re-use empty container.

WARRANTY STATEMENT

EcoScience Produce Systems Corp.'s recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practices. The buyer must assume all responsibilities, including injury or damage, resulting from its misuse as such or in combination with other materials.

ECOSCIENCE PRODUCE SYSTEMS CORP.'S LIABILITY FOR ANY MALFUNCTION OR NON-FUNCTION OF THIS PRODUCT SHALL BE LIMITED TO THE ACTUAL COST OF REPLACEMENT OF THE PRODUCT, AND SHALL NOT, IN ANY EVENT, EXCEED THE ORIGINAL PURCHASE PRICE THEREOF.

ECOSCIENCE PRODUCE SYSTEMS CORP. SHALL UNDER NO CIRCUMSTANCES, BE LIABLE FOR INCIDENTAL, REMOTE OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECTS OR ALLEGED DEFECTS IN THIS PRODUCT, EXCEPT TO THE EXTENT THAT AN ALLOWANCE FOR INCIDENTAL DAMAGES IS MANDATED BY APPLICABLE LAW.

ECOSCIENCE PRODUCE SYSTEMS CORP. SHALL HAVE NO LIABILITY FOR ANY CLAIM RESULTING FROM THE MISUSE OF THIS PRODUCT OR ANY USE OTHER THAN THAT FOR WHICH IT WAS SPECIFICALLY DESIGNED. No agent of EcoScience Produce Systems Corp. is authorized to make any warranties beyond those contained herein.

DIRECTIONS FOR USE

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

GENERAL DIRECTIONS

- Compatible with many common postharvest practices, including fungicide applications.
- Easy to apply with most conventional application equipment.
- Ideal for integrated disease management programs.

Bio-Save® 110 is a naturally occurring biological control agent for postharvest fruit applications only. Do not add directly to waxes, soaps or sanitizers. Do not add to chlorinated water. Application of most chemical fungicides should occur after Bio-Save® 110 has been applied. Contact your EcoScience technical advisor for more information.

Bio-Save® 110 must be suspended in water for at least 10 minutes prior to use. Agitate periodically to maintain suspension and agitate the suspension prior to application to fruit.

After opening sealed container, use entire contents of Bio-Save® 110.

APPLES AND PEARS

Bio-Save® 110 controls decay on apples and pears in both cold storage and controlled atmosphere storage. It is recommended for the control of blue mold (*Penicillium expansum*), including benzimidazole-resistant strains, gray mold (*Botrytis cinerea*) and mucor rot (*Mucor piriformis*). Bio-Save® 110 has been tested on d'Anjou pears and Bosc pears and the following apple cultivars: Red Delicious, Golden Delicious, Granny Smith, Rome, Empire, Gala, Idared, Jonathan, McIntosh.

Conventional Dip or Drench: Add 250 grams of product to 40 gallons of water. Agitate the mixture to ensure proper suspension. Treat fruit for at least one minute. Recycled dip/drench suspensions will need to be recharged at intervals dependent on individual use conditions; consult an EcoScience technical advisor for more information. Bio-Save® 110 can be tank-mixed with the anti-scald compound diphenylamine (DPA) when used according to label directions.

Non-recovery Spray: Add 250 grams of product to 40 gallons of water. Agitate the mixture to ensure proper suspension. Apply to freshly cleaned fruit prior to waxing. Apply over soft clean brushes or donut rolls.

POTATOES

Bio-Save® 110 is recommended for the control of decay on both seed and storage potatoes. It will aid in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*).

Overhead Spray Application: Add 250 grams of product to 40 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to potatoes prior to storage. Uniform coverage is required. Best application is applied with a rate of one gallon of suspension to 2,000-4,000 lbs. of potatoes.

EcoScience

PRODUCE SYSTEMS DIVISION

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P.O. Box 3228

ACCEPTED with COMMENTS
In EPA Letter Date Orlando, FL 32802-3228

Telephone: 407-872-2224

Facsimile: 407-872-2261

AUG 8 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Establishment No. 2375-DNK-001
18182-9 US Patent Pending
Net Contents: 250 grams

5/14/96