

68182-18

06/20/2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:

68182-18

Date of Issuance:

6/20/01

Term of Issuance:

Unconditional

Name of Pesticide Product:

X BioSave 10LP

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

EcoScience Produce Systems Division
P.O. Box 3228
Orlando, FL. 32802-3223

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following terms and conditions:

1. Make the following modifications to your label dated before your release your product for shipment:
 - a. Revise the label to read EPA Reg. No. 68182-18
 - b. Submit five (5) copies of your final printed labeling before shipping.

Signature of Approving Official:

(See second page for signature)

Date:

6/20/01

7511C
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2. Submit five (5) copies of the revised final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

A stamped copy of the label is enclosed for your records.

Sincerely,

A handwritten signature in cursive script, appearing to read "Janet L. Andersen".

Janet L. Andersen, Director
Biopesticides and Pollution Prevention Division

Bio-Save® 10 LP

ACTIVE INGREDIENT:

Pseudomonas syringae Strain ESC-10.....29.8%

OTHER INGREDIENTS:.....70.2%

Total.....100.0%

Note: Contains a minimum of 9 x 10¹⁰ colony forming units per gram of formulated product.

KEEP OUT OF REACH OF CHILDREN WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals - WARNING: Avoid contact with skin, eyes and clothing. When mixing wear protective eyewear (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 cleaning equipment or disposing of equipment wash waters or rinsate.

FIRST AID

If in eyes:	- Hold eye 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. - Have product container or label with you when calling a poison control center or doctor, or going for treatment.
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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® 10 LP is a naturally occurring biological control agent for postharvest 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® 10 LP** has been applied. Contact your EcoScience technical advisor for more information.

CITRUS FRUIT (Lemons, Oranges, Grapefruit)

Bio-Save®10 LP is recommended to aid in the control of green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*) and sour rot (*Geotrichum candidum*).

Non-recovery Spray: Add 150 grams of product to 10 gallons of water. Agitate the mixture to ensure proper

suspension. Apply by drip or spray system to freshly cleaned fruit, prior to waxing. Apply over soft, clean brushes or donut rolls.

CHERRIES

Bio-Save®10 LP is recommended to aid in the control of blue mold (*Penicillium expansum*) gray mold (*Botrytis cinerea*).

Conventional Dip or Drench: Add 150 grams of product to 10 gallons of water. Agitate the mixture to ensure proper suspension. Drench fruit thoroughly. Recycled dip/drench suspension will need to be recharged at intervals dependent on individual customer use; consult an EcoScience technical advisor for more information.

Overhead Application System: Add 150 grams of product to 10 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to cherries prior to packaging. Uniform coverage is required. Recycled suspension will need to be recharged at intervals dependent on individual customer use; consult an EcoScience technical advisor for more information. Best control is obtained with an application rate of 1 gallon of suspension to 2,000-4,000 lbs. of cherries.

EPA Reg. No. 68182-XX
EPA Establishment No. XXXX
Net Contents: 150 grams

ACCEPTED
with COMMENTS
In EPA Letter Dated
JUN 20 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
68182-18

EcoScience

PRODUCE SYSTEMS DIVISION
153 Sabal Palm Drive, Longwood, FL 32779
Telephone: 877-866-5773; Facsimile: 407-682-8544

DIRECTIONS FOR USE, continued

APPLES AND PEARS

Bio-Save® 10 LP 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® 10 LP** has been tested on d'Anjou pears and the following apple cultivars: Red Delicious, Golden Delicious, Granny Smith, Fuji, Rome, Empire, Gala, Idared, Jonathan, and McIntosh.

Conventional Dip or Drench: Add 150 grams of product to 25 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® 10 LP** can be tank-mixed with the anti-scald compound diphenylamine (DPA) when used according to label directions.

Non-recovery Spray: Add 150 grams of product to 25 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® 10 LP 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 150 grams of product to 25 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.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **Storage:** Store only in original containers under refrigerator conditions. Avoid heat or warm temperatures during storage or transportation. Keep refrigerated 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.