



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. William F. Stoneman
Agent, Jet Harvest Solutions
W.F. Stoneman Company
P.O. Box 465
McFarland, WI 53558-0465

NOV 17 2011

Re: Bio-Save 10 LP Biological Fungicide
EPA Reg. No. 81803-5
Submission dated 5/17/2011
Decision No. 449825

Dear Mr. Stoneman:

The Agency has reviewed your request to amend the subject product registration. A revised basic confidential statement of formula (CSF) supersedes all previous CSFs, and copy of the CSF has been placed in the file jacket. The amendment also includes the following change to the product's label:

- The addition of a post-harvest use on sweet potatoes to control Rhizopus soft rot on bulk.

The amendment referred to above, submitted in connection with registration under FIFRA section 3(c)(7)(A), is acceptable provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit two (2) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of a final printed label.

If these conditions are not complied with, then the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have questions, please contact Michael Glikes by phone at (703) 305-6231 or by email at glikes.michael@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Sheryl K. Reilly".

Sheryl K. Reilly, Ph.D.
Chief, Microbial Pesticides Branch
Biopesticides and Pollution Prevention

BIO-SAVE 10 LP

Biological Fungicide

- A post-harvest biological disease preventative for citrus, pomes fruits, cherries, and potatoes.
- Aids in the control of blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*) on cherries.
- Aids in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on potatoes.
- Aids in the control of green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) on citrus.
- Aids in the control of blue mold (*Penicillium expansum*), gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on pomes fruits.

ACCEPTED
NOV 17 2011

ACTIVE INGREDIENT:

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

OTHER INGREDIENTS:.....70.2%

TOTAL 100.00%

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

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: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (such as goggles, face shield, or safety glasses) when mixing. 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:	<ul style="list-style-type: none"> • 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
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

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

Austin Grant Inc., DBA
JET Harvest Solutions

Post Office Box 915139
Longwood, FL 32791-5139
Telephone: 407-523-7842
Toll Free: 877-866-5773
Facsimile: 407-298-2377

EPA Reg. No. 81803-5
EPA Establishment No. 72976-FL-001,
72431-WI-001
Patent No. 5,554,368

Net Weight: 500 grams (1.1 lb.),
250 grams (8.8 oz.), 150 grams (5.3 oz.)

Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 81803-5

DIRECTIONS FOR USE

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

GENERAL INFORMATION

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

USE RESTRICTIONS

Bio-Save® 10 LP Biological Fungicide is a biological control agent for post-harvest applications only. Do not add directly to waxes, soaps or sanitizers. Do not add to chlorinated water. Apply most chemical fungicides after **Bio-Save® 10 LP Biological Fungicide** has been applied. Contact your JET Harvest Solutions technical advisor for more information.

MIXING INSTRUCTIONS

Bio-Save® 10 LP Biological Fungicide must be suspended in water for at least 10-30 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® 10 LP Biological Fungicide**.

DIRECTIONS FOR USE

CITRUS FRUIT (Lemons, Oranges, Grapefruit)

Bio-Save® 10 LP Biological Fungicide controls decay of citrus caused by green mold (*Penicillium digitatum*), blue mold (*Penicillium italicum*), and sour rot (*Geotrichum candidum*) during storage and transport.

Non-recovery Spray: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 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.

DIRECTIONS FOR USE, Continued

CHERRIES

Bio-Save® 10 LP Biological Fungicide controls decay of cherries by blue mold (*Penicillium expansum*) and gray mold (*Botrytis cinerea*).

Conventional Dip or Drench: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 25 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 a JET Harvest Solutions technical advisor for more information.

Overhead Application System: Add 150 grams (5.3 oz.) of product to 10 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) 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 cherries prior to packaging. Uniform coverage is required. Recycled suspension will need to be recharged at intervals dependent on individual customer use; consult a JET Harvest Solutions 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.

APPLES AND PEARS

Bio-Save® 10 LP Biological Fungicide controls decay caused by blue mold (*Penicillium expansum*), including benzimidazole-resistant strains, gray mold (*Botrytis cinerea*), and mucor rot (*Mucor piriformis*) on apples and pears in both cold storage and controlled atmosphere storage.

Bio-Save® 10 LP Biological Fungicide is effective on these and other pomes fruits: d'Anjou pears and the following apple cultivars: Red Delicious, Golden Delicious, Granny Smith, Fuji, Rome, Empire, Gala, Ida red, Jonathan, and Macintosh.

Conventional Dip or Drench: Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 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 a JET Harvest Solutions technical advisor for more information. **Bio-Save® 10 LP Biological Fungicide** can be tank-mixed with the anti-scald compound diphenylamine (DPA) when used according to label directions.

Non-recovery Spray: Add 150 grams (5.3 oz.) of product to 25 gallons of water / 250 grams (8.8 oz.) of product to 40 gallons of water / 500 grams (1.1 lb.) of product to 80 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 Biological Fungicide controls the decay caused by dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on both seed and storage potatoes.

Overhead Spray Application: Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 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. Apply the entire suspension to 900 / 1500 / 3000 sacks (100 pounds each) of potatoes.

SWEET POTATOES

Bio-Save® 10 LP Biological Fungicide controls the decay of Rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes..

Overhead Spray Application: Add 150 grams (5.3 oz.) of product to 9 gallons of water / 250 grams (8.8 oz.) of product to 15 gallons of water / 500 grams (1.1 lb.) of product to 30 gallons of water. Agitate the mixture to ensure proper suspension. Apply over conveyor belt or rollers by drip or spray to sweet potatoes prior to storage. Uniform coverage is required. Apply the entire suspension to 9000 / 15000 / 30000 pounds of stored sweet potatoes.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE

Store only in original containers under refrigerator conditions. Do not expose to heat or warm temperatures during storage and transportation. Keep refrigerated until used. Store product separately from food.

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 pesticide disposal program (often such programs are run by state or local governments or by industry).

CONTAINER HANDLING

Non-refillable container. Do not reuse or refill this container. Completely empty pouch into application equipment. Then offer for recycling if available or dispose of empty pouch in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

WARRANTY STATEMENT

JET Harvest Solution instructions 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS' LIABILITY FOR ANY MALFUNCTION OR NONFUNCTION 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, JET HARVEST SOLUTIONS 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 JET Harvest Solutions is authorized to make any warranties beyond those contained on this label.

Lot #

The logo for JET Harvest Solutions features the word "JET" in a large, bold, stylized font with a horizontal line through the middle of the letters. Below "JET", the words "HARVEST" and "SOLUTIONS" are stacked in a smaller, sans-serif font.

Use by: