

# BIO-SAVE II LP

## Biological Fungicide

- A post-harvest biological disease preventative for pomes fruits, potatoes and sweet potatoes.
- Aids in the control of blue mold (including benzimidazole-resistant strains of *Penicillium expansum*), gray mold and mucor rot on pomes fruits
- Aids in the control of dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on potatoes.
- Aids in the control of rhizopus soft rot (*Rhizopus stolonifer*) on sweet potatoes.

### ACTIVE INGREDIENT:

*Pseudomonas syringae* Strain ESC-11.....29.8%

OTHER INGREDIENTS:.....70.2%  
100%

Note: Contains a minimum of  $9 \times 10^{10}$  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:** 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.

#### FIRST AID

<b>If in eyes:</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li><li>• Have product container or label with you when calling a poison control center or doctor, or going for treatment.</li></ul>
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#### 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.

Austin Grant Inc., DBA

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EPA Reg. No. 81803-5

EPA Establishment No. 72431-WI-001

Patent No. 5,554,368

**Net Contents: 250 grams**

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

**Bio-Save® 11 LP** 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. Application of most chemical fungicides should occur after **Bio-Save® 11 LP** has been applied. Contact your Bio-Save technical advisor for more information.

Bio-Save® 11 LP 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® 11 LP.

### APPLES AND PEARS

**Bio-Save® 11LP** controls decay on apples and pears caused by blue mold (*Penicillium expansum*); including benzimidazole-resistant strains, gray mold (*Botrytis cinerea*) and mucor rot (*Mucor piriformis*) in both cold storage and controlled atmosphere storage.

**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 a Bio-Save technical advisor for more information. **Bio-Save® 11 LP** 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® 11 LP** controls decay of potatoes caused by dry rot (*Fusarium sambucinum*) and silver scurf (*Helminthosporium solani*) on both seed and storage potatoes.

**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.

### SWEET POTATOES

**Bio-Save® 11 LP** controls the decay of *Rhizopus* soft rot (*Rhizopus stolonifer*) on sweet potatoes.

**Conventional Dip or Drench:** Add 250 grams of product to 40 gallons of water. Agitate the mixture to ensure proper suspension. Apply to freshly cleaned sweet potatoes. Drench sweet potatoes thoroughly. Recycled dip/drench suspension will need to be recharged at intervals dependent on individual customer use. Consult a Bio-Save technical advisor for more information.

**Overhead Application System:** Add 250 grams of product to 40 gallons of water. Agitate the mixture to ensure proper suspension. Apply to freshly cleaned sweet potatoes over conveyor belt, brushes, donut rolls, or rollers by drip or spray prior to packaging. For best results, uniform coverage is required. If recycled, suspension will need to be recharged at intervals dependent on

individual customer use. Consult a Bio-Save technical advisor for more information. Best control is obtained with an application rate of 1 gallon of suspension to 4,000-8000 lbs. of sweet potatoes.

### 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.

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. JET HARVEST SOLUTIONS 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. 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 herein.

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