

# POST-HARVEST BIOLOGICAL FUNGICIDE FOR DECAY CONTROL

Bio-Save 10 LP is an EPA-registered biological fungicide labeled for the control and prevention of several post-harvest diseases on potatoes, sweet potatoes, cherries, pome fruits and citrus. Diseases include:

- Fusarium Dry Rot
- Silver Scurf
- Rhizopus Soft Rot
- Botrytis Gray Mold
- Mucor Rot
- Penicillium Green Mold
- Penicillium Blue Mold
- Geotrichum Sour Rot

\*Refer to the product label for the complete list of crops and pathogens.

## ADVANTAGES

- Based on a naturally occurring microorganism that allows for fast growth and works under competitive inhibition.
- Tolerance exempt.
- No known risks for resistance.
- Safe and easy to apply with most conventional application equipment.
- Complements current fungicide or sanitation practices\*.
- Compatible with most IPM Programs.
- Easy to use.

## MODES OF ACTION

- Enters wounds where disease spores are located and will last in the wounds throughout the storage period (at storage temperature).
- Once in the wound, the *pseudomonas* bacterium cannot be killed by surface sanitizers.

\*Treatment can be used alone or in subsequent treatment with other surface sanitizers to increase effectiveness of both products. Never directly mix Bio-Save 10 LP with other sanitizers.

## CHARACTERISTICS

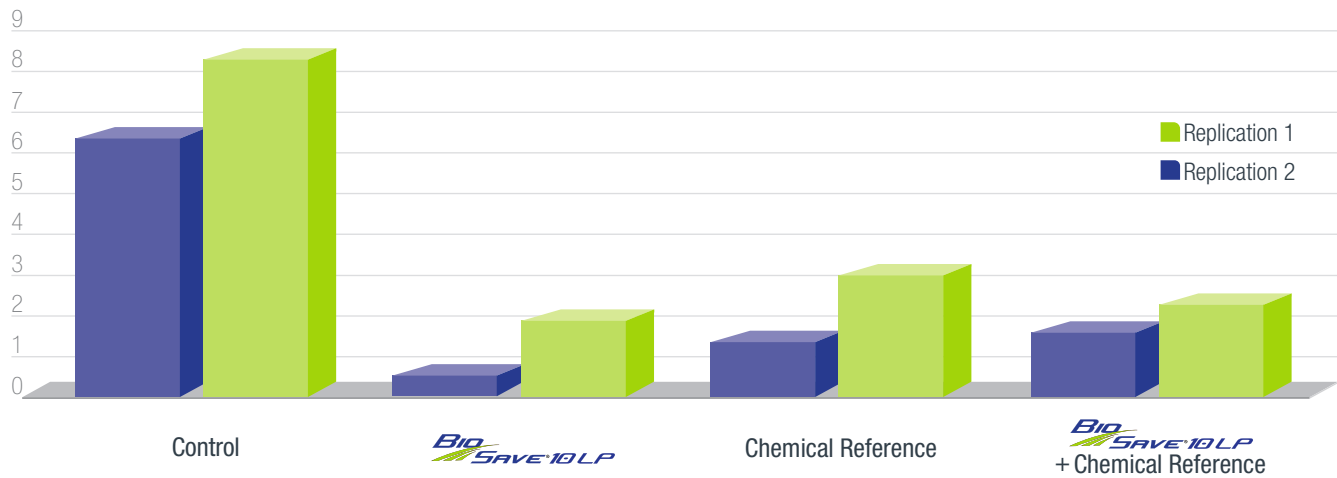
**EPA Reg. No:** 64137-23  
**Active Ingredient**  
*Pseudomonas syringae* Strain ESC-10  
**Guarantee**  
 >9.0 X 10<sup>10</sup> CFU/g  
**Package Size**  
 150 g, 500 g  
**Storage information**  
 Store only in original containers under refrigerator conditions. Keep refrigerated until used.  
**Always read and follow label instructions.**

## RECOMMENDED CROPS

- Potatoes
- Sweet Potatoes
- Fruit trees (apples, pears and cherries)
- Citrus (oranges, grapefruits and lemons)

## TRIAL RESULTS

External Dry Rot and Silver Scurf Severity (%)



**Conclusion:** Bio-Save 10 LP and chemical reference alone (applied at label rate) or in combination with each other **significantly reduced the incidence and severity of dry rot and silver scurf** in both replications.

## APPLICATION RATES

CROP	DISEASE TARGET	APPLICATION RATES
Potatoes	Fusarium Dry Rot – Silver Scurf	500 g treats 300,000 lbs of potatoes
Sweet Potatoes	Rhizopus Soft Rot	500 g treats 300,000 lbs of sweet potatoes
Apples and Pears	Penicillium Blue Mold – Botrytis Gray Mold Mucor Rot	500 g treats 240,000 lbs of pome fruits
Cherries	Penicillium Blue Mold – Botrytis Gray Mold	500 g treats 100,000 lbs of cherries
Citrus, Oranges, Grapefruits and Lemons	Penicillium Blue Mold – Penicillium Green Mold – Geotrichum Sour Rot	500 g treats 100,000 lbs of citrus

### About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.