

Botector® Controls Botrytis & Fruit Rot Diseases in Grapes & Berries

ORGANIC BIOCONTROL FOR DISEASE PREVENTION

Botector is a highly effective biocontrol product that works by natural competition for space and nutrients to prevent disease in grapes and berries (strawberry, raspberry, blueberry, blackberry, huckleberry, red and black currant, and loganberry).

In addition to preventing Botrytis in grapes and berries, Botector also protects berries from Anthracnose, Phomopsis and Rhizopus Rots, which can be responsible for significant crop losses and may negatively impact fruit quality.

PRODUCT BENEFITS

- Works through competitive exclusion
- Ideal for use in Integrated Pest Management (IPM)
- No effect on wine quality
- No development of pathogen resistance
- Exempt from Maximum Residue Limits (MRLs)
- Zero pre-harvest interval
- Safe for humans, bees and beneficial insects
- Approved for organic production

MODE OF ACTION

Botector contains naturally-occurring ubiquitous microorganisms (*Aureobasidium pullulans*) that prevent the pathogen from colonizing infection sites on the grape or berry surface. Botector inhibits the pathogen through natural competition for space and nutrients. It aggressively colonizes the flower and fruit surfaces, blocking the site of infection. Since Botector acts as a competitive antagonist and does not directly affect the metabolism of the pathogen, there is no risk of developing resistance, even with frequent applications.

PRODUCT STORAGE AND STABILITY

- **KEEP REFRIGERATED FOR MAXIMUM SHELF LIFE. DO NOT FREEZE.**
- From date of manufacture, Botector can be stored 30 months at cold temperature (not to exceed 46°F), or 18 months at room temperature (not to exceed 68°F).
- Botector must be stored out of direct sunlight in a cool dry place.
- Always keep out of reach of children.
- Wastes resulting from the use of Botector may be disposed of on-site or at an approved waste disposal facility.



GRAPE APPLICATION TIMINGS & RATES

- Between early and late bloom (10%-80%)*
- Before bunch closure
- During veraison/berry softening
- During ripening**

6-14 ounces per acre with 100-500 gallons of water sprayed into the bunch zone.

* 1-3 applications depending on infection pressure

** Additional applications with intervals of 3-7 days depending on infection pressure.

BERRY APPLICATION TIMINGS & RATES

Weekly from beginning of bloom until end of harvest.

Since Botector is not systemic, new tissue is not protected against disease. Time the applications to minimize unprotected tissue.

5 to 10 ounces per acre with 100-500 gallons of water.

COMPATIBILITY/MISCIBILITY:

For detailed information on the compatibility of Botector with other products, please refer to:

<http://www.bio-ferm.com/en/products/botector/>

 **FOR ORGANIC PRODUCTION**



Registered for use in Arizona, California, Florida, Michigan, New York, Oregon, Pennsylvania, Virginia and Washington



Contact Westbridge for more information:
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