



# Stop the Rot.

## SENTINEL BIO-FUNGICIDE FOR BOTRYTIS CONTROL IN TOMATOES.

Sentinel is a newly registered bio-fungicide proven to protect against *Botrytis cinerea* (grey mould) in tomatoes. Tested and proven over the past two years in Auckland and Christchurch glasshouse tomato trials as a protectant, this tomato registration expands on Sentinels already existing registration for control of botrytis in winegrapes.

### VERY COMPETITIVE

In conjunction with the Bio-Protection Centre at Lincoln University, Sentinel has been developed from a unique strain of *Trichoderma*, LC52, a beneficial fungus which creates a living barrier that aggressively colonises leaves, flowers and truss / leaf plucking wound sites, where it actively competes with and repels invasion by botrytis.

### NATURALLY BETTER

Sentinel is the natural choice — A nil withholding period allows growers to apply Sentinel throughout the growing season. Sentinel is a Bio-Gro certified product with no residues.

Sentinel offers a powerful weapon in the growers integrated pest management arsenal. Although botrytis is renowned for developing resistance to conventional fungicides, no such resistance to Sentinel is likely to occur due to its unique biological activity.

### MODE OF ACTION

Sentinel effectively blocks the development of botrytis by the aggressive colonisation of the sites normally attacked and infected by grey mould, botrytis. Sentinel will protect wound sites, flowers and foliage and also help to contain the spread of pre-existing botrytis to new sites. In this way Sentinel acts as a protectant bio-fungicide and not a curative with knock-down or reach back impact on botrytis infections.

### KEY FEATURES OF SENTINEL

- ¥ Cost effective with proven efficacy as a protectant fungicide
- ¥ A wettable powder formulation, leaves no coloured residue on the crop
- ¥ Nil withholding period
- ¥ Organic product. Bio-Gro certified
- ¥ New Technology from the Bio-Protection Centre at Lincoln University
- ¥ No safety issues



### GROWER TESTIMONIAL

We used Sentinel for the first time this season and have been very impressed with its performance. I would certainly recommend Sentinel as both a protectant and a therapeutic for botrytis based on my experiences this year.  
Paul Hemmings, Property Manager,  
Mainland Tomatoes, Christchurch



# Sentinel<sup>®</sup>



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DISTRIBUTED BY:



KEY INDUSTRIES LTD

Phone 09 483 5526, Fax 09 917 1793,  
Email: sales@keyindustries.co.nz



## USING SENTINEL

### TIMING:

1. **Leaf and truss removal wounds:** Apply as soon as possible following the creation of the wound site.
2. **Full plant spray:** Sentinel can be applied as part of a spray programme at any time during the season where leaf, fruit and flower protection from botrytis is necessary.

### SPRAY INTERVALS:

As a full plant spray apply Sentinel at 14-21 day intervals. Under extreme disease challenge, intervals should be reduced to 7 days.

### APPLICATION RATE:

A minimum of 40g Sentinel per 100 ltr water

### WETTING AGENT:

For protected cropping the use of a wetting agent with Sentinel is not essential. Where additional wetting or sticking is required Sentinel should be applied with either Nu-Film-17<sup>TM</sup> or Raingard<sup>®</sup> adjuvants which will also work to protect the biological active ingredient against desiccation and UV exposure.

TM Raingard is a Trademark of Key Industries Ltd. <sup>TM</sup> Nu-Film-17 is a Registered Trademark of Miller Chemical and Fertiliser Corporation, USA.



### WATER RATE:

Apply Sentinel in sufficient water to obtain good coverage over the wound site or throughout the crop canopy.

### COMPATIBILITY:

Sentinel is compatible with foliar fertilisers. A minimum 21 day period should be left before application of any other botryticides such as Euparen<sup>®</sup> Multi or Rovral<sup>®</sup>. For further information on fungicide or insecticide compatibilities please contact Agrimm Technologies on 0800 424 746.

Euparen<sup>®</sup> Multi and <sup>®</sup> Rovral are Registered Trademarks of Bayer CropScience.



### SAFETY

Non-toxic to humans, animals, wildlife and the environment, with no withholding period.

### PACKAGING

Sentinel is available in foil sachets of 200g. Store in a cool place. Optimum storage conditions: 4°C. Do not freeze.

Sentinel is available from horticultural merchants. Further information is available by contacting:

**Agrimm Technologies Ltd**, Ph: 0800 424-746 or  
**Key Industries**, Ph: 09 483-5526, [www.tricho.com](http://www.tricho.com)  
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