



BOTECTOR – effective biological Botrytis control for strawberries, grapes & a range of other fruit

The recent mixed weather – rain, warmth and high humidity – will lead to increased Botrytis pressure, especially on vulnerable flowering or fruiting crops.

Although pressure is reduced in covered crops, risk and “hotspots” can increase, especially around leg rows.

In addition to the on-label crops of strawberries and grapes BOTECTOR has a wide range of EAMUs and is particularly useful on crops like raspberry and blueberry where other effective disease control options are limited.

Full crop range – standard rate 1.0 kg/ha with only 1 day harvest interval:



| Crops/situations | | Max number of treatments (per year) |
|--|----------|--|
| Strawberry (outdoor/protected) | On-label | 6 |
| Table grapes, wine grapes | On-label | 4 |
| Blackberry, loganberry and rubus hybrid, raspberry | EAMU | 4 (2 day interval between each application) |
| Permanent protection with full enclosure strawberries | EAMU | 4 (2 day interval between each application) |
| Bilberry, blackcurrant and redcurrant, blueberry, cranberry, elderberry, gooseberry, mulberry, rose hips | EAMU | 4 (2 day interval between each application) |

BOTECTOR delivers the following advantages:

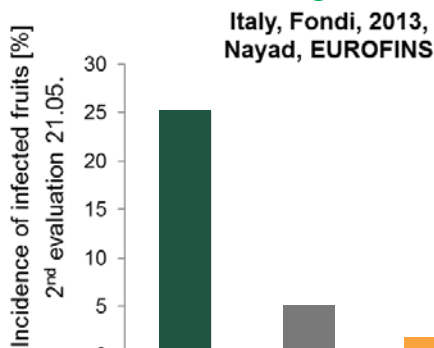
- ✓ Rainfast, unaffected by sunlight or drought
- ✓ IPM compatible – safe to bees and beneficial insects
- ✓ BOTECTOR in programmes with chemical fungicides improves Botrytis control and reduces resistance
- ✓ Unique anti-resistant “blocking” mode of action complements conventional fungicides
- ✓ Use close to harvest to improve shelf-life and reduce fungicide residues
- ✓ No residues or marks left on fruit – 1 day harvest interval
- ✓ Permitted for use in organic systems [OF&G Approved Inputs Scheme registration number UKE1406]

Copies of the EAMUs (Extensions of Authorisation for Minor Use) can be downloaded from the [CRD website](#), search Authorisation No: 20201264, or BOTECTOR (MAPP 19443)





BOTECTOR – a new biological standard for Botrytis control in strawberries



Source: Bioferm

| | Control | Chemical | Botector | Variant 1 |
|----------------|---------|----------|----------|-----------|
| Efficacy [%] | - | 80 | 93 | 92 |
| Significance | a | b | b | b |
| BBCH 61 10.04. | - | CH1 | BOT | CH1 |
| BBCH 65 18.04. | - | CH1 | BOT | CH2 |
| BBCH 67 23.04. | - | CH2 | BOT | BOT |
| BBCH 69 03.05. | - | CH2 | BOT | BOT |

CH1 = a.i. cyprodinil/fludioxonil
 CH2 = a.i. fenhexamid
 BOT = **BOTECTOR**

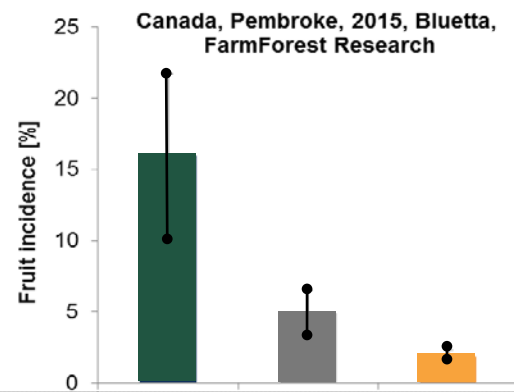
BOTECTOR – for the control of Botrytis on blueberry

Efficacy evaluation for BOTECTOR implemented in IPM strategy

Materials & methods:

- Commercial high-bush plantation
- Cv. Bluetta
- 12 bushes per treatment, 4 reps [N=48]
- Application volume = 500 l/ha

CH1 = a.i. cyprodinil/fludioxonil
 CH2 = a.i. pyrimethanil
 BOT = **BOTECTOR**



| | Control | Chemical | Botector |
|--------------------|---------|----------|----------|
| Efficacy | - | 69 | 88 |
| Significance | a | b | b |
| BBCH 60 13.05.2015 | - | CH1 | CH1 |
| BBCH 65 23.05.2015 | - | CH2 | CH2 |
| BBCH 67 31.05.2015 | - | CH1 | BOT |
| BBCH 69 17.06.2015 | - | CH2 | BOT |

Source: Bioferm

FURTHER INFORMATION

Nufarm Technical updates are eligible for 1 BASIS CPT/year
 Ref: CP/112075/2122/g. Email claim to linda@basis-reg.co.uk

Botector contains *Aureobasidium pullulans* strains DSM 14940 and DSM 14941.
 Botector is a trademark of Bio-ferm GmbH.

Details of application rates and timings are given in Nufarm labels and product literature, both of which can be accessed from our website www.nufarm.com/uk. Alternatively, ring the Nufarm helpline on 01274 694714, Monday to Friday 9.00 - 17.00

Use plant protection products safely. Always read the label and product information before use. For label and safety information, refer to the Nufarm website www.nufarm.com/uk. Nufarm UK Ltd, Wyke Lane, Wyke, Bradford, BD12 9EJ.

