

BOTRYTIS MANAGEMENT

Managing botrytis in your vineyard is about minimising open infection points. This leads to reduced spore load within or on the surface of grape bunches that could otherwise create significant yield and quality issues. Botrytis spores are active within the vineyard throughout the growing season, spiking in release at various times, pending prevailing weather conditions.

Nufarm's Botector offers adaptability and functionality for your production system. Through competitive exclusion, Nufarm's Botector keeps botrytis out of potential infection wounds to reduce latent infection risk, then seals them up, ensuring that they can't be infected later.

Nufarm's Botector's adaptability help you right through the season. With no MRL you can use Nufarm's Botector right up to harvest without concern around export residue restrictions. Nufarm's Botector allows you to protect your bunches when they need it most, allowing the best quality fruit to be delivered through to the winemaker.

ALL ABOUT NUFARM'S BOTECTOR...

- Contains *Aureobasidium pullulans* spores, a naturally occurring fungus.
- Works through competitive exclusion, pushing botrytis out of infection sites and creates a physical barrier against infection.
- Exempt from MRLs.
- Excellent for fungicide resistance management.
- Ideal for integrated pest and disease management programs.
- May be used up to 4 times in program.
- Able to be used in all production systems.

NUFARM'S BOTECTOR IS...

- **Solutions...**
- Effective botrytis control from flowering through fruit development.
- Dial down botrytis populations with competitive exclusion at the point of infection.
- Complements existing spray program chemistry for adaptability across vineyards and varieties.

PROTECTION FROM FLOWERING THROUGH FRUIT DEVELOPMENT...

- Best practice is to start with a plan.
- Nufarm's Botector's adaptability addresses botrytis management challenges throughout the growing season.
- Match Nufarm's Botector positioning against the botrytis infection points identified during crop inspections and align these against the risk of disease expression based on seasonal factors. Reducing entry points limits disease load.

PROTECTING FROM FLOWERING THROUGH FRUIT DEVELOPMENT

| | Timing | Factor |
|-------------------------------------|---------|---|
| Protection against latent infection | EL25-27 | Cap scars CRITICAL APPLICATION window for latent control |
| | EL27-35 | Cap scar protection in variable flowering Cover damage points * Canopy management e.g. wire lift on shoot thinning * Accessible damage points from insects prior to closure e.g. base of berries |
| Bunch Protection | EL35-37 | Superficial bunch protection e.g. bird or insect damage Micro-scratches on expanding berry surfaces Pre-rainfall bunch cover Berry split colonisation Extended ripening period - long hang time |

APPLICATION NOTES

- Can be applied bunch zone or full canopy, though bunch coverage is critical for performance.
- Min water volume 400 L/ha and maximum concentration factor of 2X dilute water volume for the targeted zone. Rainfast within 24 hours.
- Avoid application in the hottest part of the day during Summer application windows.
- Adjuvants can assist with hard to wet surfaces. Nufarm's Activator® 900, Expand, Viti-Wet and Synertril® Horti Oil are safe for use with Nufarm's Botector.
- Assess safety of mix partners on survival of Nufarm's Botector via the website product page, nufarm.com.au/product/botector.



Early botrytis infection



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For more information, contact your local Nufarm Business Development Manager

nufarm.com.au/product/botector

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