

Best Practice: Grapes

BOTRY-Zen®



Unlike any product you have used before, this is a living micro-organism that provides protection from Botrytis infection by colonising senescing floral tissue and preventing Botrytis establishment.

Certified organic by BioGro (#4405), IFOAM & OMRI (USA).

In order for this biological contact product to work effectively, follow these vineyard practices for good results:

- Ensure good canopy management is carried out prior to the first application to achieve effective bunch coverage in more vigorous sites (e.g. shoot thinning and or light leaf plucking).
- The first application applied at early flowering to ensure micro-organism establishes quickly.
- Add granules directly to a clean, well-rinsed spray tank, no pre-mixing is necessary.
- The correct wetter is used for the volume of water per hectare (non-ionic). Seek advice for compatibility from Botryzen.
- Mix with **ONLY** one other specified fungicide. Seek advice for compatibility from Botryzen. Don't mix product with a mix of **Copper and Sulphur**.
- Once all products have been added, the mix should be sprayed immediately.
- Improved results may be achieved when BOTRY-Zen® is applied in the early morning or late evening when temperatures are cooler and dew may be on leaves. Avoid application under hot dry conditions, eg midday.

STORAGE

Store BOTRY-Zen® at a temperature less than 15°C or in a dry, cool place away from direct sunlight.

Store in original packaging with excess air removed and cap tightly closed.

More information can be found on
www.botryzen.co.nz

APPLICATION

If part of an IPM, then a minimum of two applications will be required. If high pressure of disease is expected then three applications may be needed.

1. Apply BOTRY-Zen® at **4 kg** per hectare.
2. Recommended water rate of **500 litres** per hectare adhered to.
3. Ensure the sprayer is correctly calibrated and nozzles directed at the bunch zone. Spray papers are a good option.
4. Ensure thorough coverage by applying BOTRY-Zen® at no faster than approx. **5 km / hour**.
5. First application at early flowering: Apply at no later than 2-5% capfall. Note this is earlier than a chemical fungicide would normally be applied because it is a biological with a different mode of action.
6. Second application: At late flowering (80% capfall)
7. When required the third application is at 2-weeks post flowering or earlier if there is an infection period.
8. Maintain tank agitation until spraying is complete.
9. Rinse out the tank / spray lines / nozzles after application.

Further applications of BOTRY-Zen® may be required if an organic programme is in place.