

Best Practice: Grapes

AMOUR-Zen®



ARMOUR-Zen® is a protectant that stops Botrytis spores from germinating and infecting the ripening fruit. It also dries out establishing mycelium, reducing the spread of Botrytis. It is also known to be a plant elicitor.

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

- Add solution directly to a clean, well-rinsed spray tank, no pre-mixing is necessary.
- The correct surfactant is used, for the volume of water per hectare (non-ionic). Seek advice for compatibility from Botry-Zen.
- Mix with ONLY one other specified fungicide. Seek advice for compatibility from Botry-Zen. 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 ARMOUR-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.
- We recommend, to improve the efficacy of the product, that the spray tank mix be pH buffered to achieve a pH of 7. Sodium Bicarbonate (baking soda) is recommended to be added at 1.05 g per litre of spray mix to achieve this.

STORAGE

Store ARMOUR-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.

APPLICATION

1. ARMOUR-Zen® can be applied pre bunch closure to make sure that botrytis infection doesn't take hold with in bunches. Or alternatively seek advice about our product MIDI-Zen®
2. Apply ARMOUR-Zen® immediately prior to a rain event or expected infection period.
3. Apply immediately after rain to suppress infection development.
4. Repeat applications every 10 to 14 days if botrytis pressure continues.
5. To ensure control of Botrytis at harvest apply ARMOUR-Zen® 28 days prior and 14 days prior to harvest.
6. Apply ARMOUR-Zen® at 5 Litres per hectare.
7. Recommended water rate of 500 litres per hectare.
8. Ensure the sprayer is correctly calibrated and nozzles directed at the bunch zone.
9. Ensure thorough coverage by applying ARMOUR-Zen® at no faster than approx. 5 km / hour.
10. Maintain tank agitation until spraying is complete.
11. Rinse out the tank / spray lines / nozzles after application.

