

**Crop(s): Grape**

**Pest(s): Powdery Mildew**

Resistance Management Strategy for:

**Group 3** Demethylation inhibitors (DMI);  
**Group 5** Amines (morpholines);  
**Group 7** Succinate dehydrogenase inhibitors (SDHI);  
**Group 11** Quinone outside inhibitors (QoI) and combinations of **Group 3**;  
**Group 13** Aza-naphthalenes;  
**Group U6** Phenyl-acetamide; and  
**Group U8** Actin disruptors (aryl-phenyl-ketone) fungicides

1. Apply **all** these fungicides preventatively
2. Consecutive applications include from the end of one season to the start of the next.
3. Mixtures - co-formulations or tank mixes with label rate of alternative mode of action

	Group						
	3	5	7	11 (3)	13	U6	U8
<b>Maximum number of consecutive sprays</b>	2	2	none	below	2	2	2
<b>Maximum number of sprays per season</b>	3	3	3	2	3	2	4

4. **Group 11** – where these fungicides have been routinely used for many seasons, field research indicates there is an increased risk of powdery mildew resistance. To ensure effective powdery mildew control in these circumstances, either use alternative modes of action or apply in mixtures.  
**Group 11** – If applied alone, do not make consecutive applications.  
**Group 11** – apply a maximum of 2 sprays per season, including mixtures.

This strategy is a guide only and does not endorse particular products, groups of products or cultural methods in terms of their performance. Always follow the product label for specific use instructions. While all effort has been taken with the information supplied in this document no responsibility, actual or implied, is taken for the day to day accuracy of product or active constituent specific information. Readers should check with the Australian regulator's (APVMA) product database for contemporary information on products and actives. The database can be sourced through [www.apvma.gov.au](http://www.apvma.gov.au). The information given in this strategy is provided in good faith and without any liability for loss or damage suffered as a result of its application and use. Advice given in this strategy is **valid as at 22 June 2018**. All previous versions of this strategy are now invalid.