Crops(s) **Poppies**

Disease(s) **Downy mildew**

Resistance management strategy for:

Group 4	Phenylamides (PA);
Group 11	Quinone outside inhibitors (QoI);
Group 28+43	Carbamates + benzamides;
Group 40	Carboxylic acid amides (CAA);
Group 45+40	Quinone outside inhibitors, stigmatellin binding type (QoSI) + CAA;
Group 49	Oxysterol binding protein inhibitors (OSBPI); and
Group 49+11	OSBPI + QoI.

Guidelines:

1. Start disease control early and maintain a regular protectant program. Fungicide applications need to start before the 6-leaf stage for early season control to be effective.

2. When conditions favour disease development (high humidity, still weather, overcast skies), prior to visible disease symptoms (white downy growth on the underside of lower leaves followed by brown angular lesions) apply a single spray of a **Group 49** fungicide, or up to two consecutive sprays of a **Group 4**, **11**, **40** or **28+43** product (including mixtures containing **Group 4**, **11** or **40**), at the interval recommended on the label. Then resume the program of sprays using products from a different group to the **Group 4**, **11**, **40**, **49** or **28+43** products just applied.

3. **Do not** apply more than two sprays per season of a product containing a **Group 4**, **11**, **40** (including **45+40**) or **49+11** fungicide. **Group 49** containing sprays should not exceed one in every three sprays of the total number of fungicide sprays per season.

4. **Do not** apply more than three sprays of a **Group 28+43** product per crop.

5. Apply **Group 11, 45+40** and **Group 49+11** fungicides preventatively.

6. Apply **Group 4** and **49** fungicides preventatively and only in mixtures with an effective protectant fungicide from a different mode of action group.

7. **Do not** use a **Group 49** (or **49+11**) product if it will be the last fungicide applied to the crop.

Please note:

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 made 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 Pesticides and Veterinary Medicines Authority's product database for contemporary information on products and actives. The database can be sourced through 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 30 June 2022. All previous versions of this strategy are now invalid.