

**Crop(s):** Broccoli/Cauliflower

**Disease(s):** Downy mildew

Resistance Management Strategy for:

- Group 4** Phenylamides (PA);
- Group 11** Quinone outside inhibitor (QoI);
- Group 21** Quinone inside inhibitors (QiI); and
- Group 49** Oxysterol binding protein inhibitors (OSBPI).

1. Applications made within the nursery count towards the total number of applications allowed per crop. It is recommended that disease control is started early and maintain a regular program using a fungicide from groups other than **Group 4, 11, 21** or **49**.
2. When conditions favour disease development, **do not** wait for disease to appear, but apply two consecutive sprays of a **Group 4, 11, 21** or **49** product at the interval recommended on the label. Then resume the program of sprays using products from a different group to the **Group 4, 11, 21** or **49** products just applied.
3. **Do not** apply more than three sprays of a **Group 4, 11, 21** or **49** product or 33% of the total number of fungicide sprays per season, whichever is more restrictive.
4. Apply **Group 4** and **49** fungicides preventatively and only in mixtures with effective protectant fungicides from a different group.
5. **Do not** use a **Group 49** product if it will be the last fungicide applied to the crop.
6. Continue alternation of fungicides between successive crops. **Do not** make more than (6) six total applications of a **Group 49** product per year on the same area targeting the same disease.

**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](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 16 July 2021. All previous versions of this strategy are now invalid.