

Fungicide Resistance Management Strategies Developed by the CropLife Australia Fungicide Resistance Management Review Group Valid as at 10 June 2016

Crop(s): Strawberry

Pest(s): Powdery Mildew

Resistance Management Strategy for:

Group 3 (DMI);

Group 7 SDHI (Succinate dehydrogenase inhibitors) and

Group 11 (Quinone outside Inhibitor) fungicides

- 1. Apply a program of protectant fungicides from early crop establishment and maintain a regular spray program throughout the crop growing cycle. If weather conditions favour powdery mildew development, use a **Group 3** or **Group 11** fungicide.
- 2. **DO NOT** apply more than four Group 3 sprays per season.
 - **DO NOT** apply more than two consecutive sprays of **Group 3** fungicides, including from one season to the next.
- 3. If applying **Group 7** fungicides, **DO NOT** apply more than two consecutive sprays before changing to another group.
- 4. **DO NOT** apply more than three **Group 7** sprays per season. If consecutive sprays are used, then use the same number of sprays of an alternative group before using another **Group 7**, including sprays in consecutive seasons.
- 5. Apply **Group 11** fungicides preventively.
 - **DO NOT** apply consecutive sprays of **Group 11** fungicides, including from one season to the next.
- 6. If three or fewer powdery mildew fungicide sprays are applied per crop, use only one spray containing a **Group 11** fungicide. If four to six sprays are applied per crop, use no more than two sprays containing a **Group 11** fungicide. If seven or more sprays are applied per crop use a maximum of three sprays containing a **Group 11** fungicide. **DO NOT** apply more than three **Group 11** sprays per season.
- 7. **DO NOT** use **Group 3** fungicides curatively.

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