

Crops(s) **Strawberry**

Disease(s) **Powdery mildew**

Resistance management strategy for:

Group 3	Demethylation inhibitors (DMI);
Group 7	Succinate dehydrogenase inhibitors (SDHI);
Group 7+11	SDHI + QoI
Group 7+12	SDHI + phenylpyrroles (PP);
Group 11	Quinone outside inhibitors (QoI);
Group 19	Chitin synthase inhibitor;
Group 21	Quinone inside Inhibitor (QiI), and
Group U6	Phenyl-acetamide.

Guidelines:

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 **11** fungicide.
2. **Do not** use the same fungicide group as the last application on runner production and the first application to in-field fruit production.
3. **Do not** use **Group 3** or **19** fungicides as eradicants (once symptoms are visible).
4. **Do not** apply more than four **Group 3** sprays per season.
5. **Do not** apply more than two consecutive sprays of **Group 3** or **19** fungicides, including from one season to the next.
6. If applying **Group 7** fungicides (including **7+11** or **7+12**), **do not** apply more than two consecutive sprays before changing to another group.
7. **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.
8. Apply **Group 11** or **U6** fungicides preventively.

Please note:

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9. **Do not** apply consecutive sprays of **Group 11** or **U6** fungicides, including from one season to the next.
 10. 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.
 11. **Do not** apply **Group 19** fungicides more than 6 times per season, or more than 50% of the total number of fungicide sprays.
 12. Apply **Group 21** as a protectant spray only.
 - a. **Do not** apply more than two consecutive sprays or more than three times per crop season.
 - b. Exposure to Picolinamide (or any other **Group 21** containing product) should not exceed thirty-three percent (33%) of the total period of protection needed per crop.
 - c. Picolinamide applications are to be made preventatively and no more than two (2) times in sequence before applying a fungicide with a different mode of action.
 - d. Continue alternation of fungicides between successive crops.
 13. **Do not** apply more than two **Group U6** sprays per crop.
 14. No specific resistance management strategy has been developed for low-risk fungicides, including those in **Group M** and **BM**. These products should be included in a management strategy as per label recommendations.

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