

**Crops(s)**                      **Strawberry runner production**

**Disease(s)**                **Powdery mildew**

Resistance management strategy for:

<b>Group 3</b>	Demethylation inhibitors (DMI);
<b>Group 7</b>	Succinate dehydrogenase inhibitors (SDHI);
<b>Group 7+12</b>	SDHI + phenylpyrroles;
<b>Group 8*</b>	Hydroxy-(2-amino-) pyrimidines;
<b>Group 11</b>	Quinone outside inhibitor (QoI);
<b>Group 13*</b>	Aza-naphthalenes; and
<b>Group U6</b>	Phenyl-acetamide.

### Guidelines:

1. This strategy is for the additional range of compounds available to strawberry runner producers under permit.
2. 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.
3. **Do not** use **Group 3** 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** fungicides, including from one season to the next.
6. If applying **Group 7** fungicides (including **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** and **U6** fungicides preventively.

### Please note:

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9. **Do not** apply consecutive sprays of **Group 11** and **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. Fungicides from **Group 8** and **13** are available for use on strawberry runner crops under individual permits from the APVMA.
12. Apply a maximum of two (2) **Group U6** sprays per season.
13. Apply a maximum of four (4) **Group 8** or **13** sprays per season. **Do not** apply more than two consecutive sprays before changing to another group.
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.

*\* Currently only available under temporary permit. Always check that permits are valid prior to use.*

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