

Crop(s): Cucurbits

Pest(s): Downy Mildew

Resistance Management Strategy for:

Group 4 (Phenylamide);
Group 11 (Quinone outside Inhibitor);
Group 28+43 (Carbamate plus Benzamide);
Group 40 (Carboxylic acid amide); and
Group 49 OSBP (Oxysterol binding protein inhibitor) fungicides

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, 28+43, 40 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, 28+43 or 49** products, at the interval recommended on the label, or a single spray of a **Group 11** fungicide. Then resume the program of sprays using products from a different group to the **Group 4, 11, 28+43 or 49** products just applied.
3. **DO NOT** apply more than four sprays of a **Group 4** or of a **Group 40** product per season.
4. **DO NOT** apply more than three sprays of a **Group 49** product. **Group 49** containing sprays should not consist of more than 33% of the total number of fungicide sprays per crop. **DO NOT** apply more than two sprays of **Group 11** or **28+43** fungicide per crop.
5. Apply **Group 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. 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.