

**Crop(s): Onion (Allium spp.)**

**Pest(s): Downy Mildew**

Resistance Management Strategy for:

<b>Group 4</b>	(Phenylamide);
<b>Group 28+43</b>	(Carbamate plus Benzamide);
<b>Group 40</b>	(Carboxylic acid amide); and
<b>Group 49</b>	OSBP (Oxysterol binding protein inhibitor) fungicides

1. Start disease control early and maintain a regular program using a fungicide from groups other than **Group 4, 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, 28+43, 40 or 49** product at the interval recommended on the label. Then resume the program of sprays using products from a different mode of action group to the **Group 4, 28+43, 40 or 49** products just applied.
3. **DO NOT** apply more than four sprays of a **Group 4 or 40** product per season.
4. **DO NOT** apply more than three sprays of a **Group 28+43 or 49** product per crop. **Group 49** containing sprays should not consist of more than 33% of the total number of fungicide sprays per crop.
5. Apply **Group 4** and **49** fungicides preventatively and **only** in mixtures with effective protectant fungicides from a different mode of action group.
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.

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