

Crop(s): Onion

Disease(s): Downy mildew

Resistance Management Strategy for:

- Group 4** Phenylamides (PA);
- Group 28+43** Carbamates + benzamides;
- Group 40** Carboxylic acid amides (CAA);
- Group 49** Oxysterol binding protein inhibitors (OSBPI); and
- Group 49+11** OSBPI + quinone outside inhibitors (QoI).

1. Start disease control early and maintain a regular program using a fungicide from groups other than **Group 4, 40** or **49** (or **49+11**).
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, 49** (or **49+11**) 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, 49** or **49+11** 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** (or **49+11**) product per crop. **Group 49** (or **49+11**) containing sprays should not consist of more than 33% of the total number of fungicide sprays per crop.
5. Apply **Group 4, 40** and **49** (including **49+11**) fungicides preventatively. Apply solo products of **Group 4** and **49** fungicides only in mixtures with a registered fungicide from a different mode of action group, with no known resistance.
6. Apply **Group 4** and **49** (or **49+11**) fungicides preventatively and only in mixtures with a registered fungicide from a different mode of action group, with no known resistance.
7. Continue alternation of fungicides between successive crops. **Do not** make more than (6) six total applications of a **Group 49** (or **49+11**) product per year on the same area targeting the same disease.

Please note:

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