



**Fungicide Resistance Management Strategies**  
**Developed by the CropLife Australia Fungicide Resistance Management Review Group**  
 Valid as at 10 June 2016

**Crop(s):** Tomato

**Pest(s):** Target Spot (Early Blight)

Resistance Management Strategy for:

- Group 2** (Dicarboximide);
- Group 3** (DMI);
- Group 7** SDHI (Succinate dehydrogenase inhibitors)
- Group 9** (Anilinopyrimidine); and
- Group 11** (Quinone outside Inhibitor) fungicides

1. Limit the use of **Group 2, 3, 9** or **11** fungicides to periods when conditions favour disease development.
2. **DO NOT** apply more than four **Group 2** sprays in one season. Apply no more than two consecutive sprays of a **Group 2** fungicide.
3. **DO NOT** apply more than six **Group 3** sprays in a season. Apply no more than two consecutive sprays of a **Group 3** fungicide alone.
4. If applying **Group 7** fungicides, **DO NOT** apply more than two consecutive sprays before changing to another group. **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.
5. If three or fewer fungicide sprays for target spot are applied per crop, use only one spray containing a **Group 9** fungicide. If four to six sprays are applied per crop, use a maximum of two sprays containing **Group 9** fungicides. If seven or more sprays are applied per crop, use a maximum of three sprays containing **Group 9** fungicides.
6. Apply no more than two consecutive sprays containing a **Group 9** fungicide.
7. Apply **Group 11** fungicides preventively. **DO NOT** apply more than six sprays, or one third of the total sprays (whichever is lower) from **Group 11** fungicides. **DO NOT** apply more than two consecutive sprays of **Group 11** fungicides. If consecutive applications of **Group 11** fungicides are used, then they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before a **Group 11** fungicide is used again, either in the current or following season.

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Phone: 02 6273 2733 Email: [info@croplife.org.au](mailto:info@croplife.org.au) Website: [www.croplife.org.au](http://www.croplife.org.au)