



Fungicide Resistance Management Strategies

*Developed by the CropLife Australia Fungicide Resistance Management Review Group
and industry researchers*

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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All previous versions of this strategy are now invalid. Phone: 02 62732733 Email: info@croplife.org.au Website: www.croplife.org.au