

Crops(s) **Tomato**

Disease(s) **Target spot**

Resistance management strategy for:

Group 2	Dicarboximide;
Group 3	Demethylation Inhibitors (DMI);
Group 7	Succinate dehydrogenase inhibitors (SDHI);
Group 7+3	SDHI + DMI
Group 9	Anilinopyrimidine;
Group 11	Quinone outside Inhibitor (QoI);
Group 11+3	QoI + DMI, and
Group 21	Quinone inside Inhibitor (QiI)

Guidelines:

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.

Please note:

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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.
 8. Apply **Group 21** as a protectant spray only.
 - a. **Do not** apply more than two consecutive sprays or more than three times per crop season or cropping cycle with maximum of five applications per calendar year in case of multiple cropping cycles.
 - b. Exposure to Picolinamide (or any other **Group 21** containing product) should not exceed thirty-three percent (33%) of the total period of protection needed per crop.
 - c. Picolinamide applications are to be made preventatively and no more than two (2) times in sequence before applying a fungicide with a different mode of action.
 - d. Continue alternation of fungicides between successive crops. There will be no more than five (5) applications of Picolinamide (or any other **Group 21** containing product) per year on the same area.

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