

**Crops(s)**            **Macadamia**

**Disease(s)**        **Husk spot**

Resistance management strategy for:

- Group 1**                            Methyl benzimidazole carbamates (MBC);
- Group 3**                            Demethylation inhibitors (DMI);
- Group 11**                            Quinone outside inhibitors (QoI); and
- Group 7+11**                        SDHI + QoI.

		Maximum recommended number of sprays which can contain Group:				
		1	3	7	7+11	11 (incl. 7+11)
Total number of husk spot targeting sprays	1	1	1	1	1	1
	2	2	2	1	1	1
	3	2	2	1	1	1
	4	2	2	1	2	2
	5	2	2	1	2	2
	6	3	3	2	3	3
	6+	3	3	2	3	3

**Guidelines:**

- Do not** apply consecutive sprays of products containing **Group 7 or 11**. Consecutive sprays include mixtures containing **Group 7 or 11**.
- If applying **Group 1**, or **3** fungicides, **do not** apply more than two consecutive sprays (including from one season to the next) of fungicides from the same group before changing to another group. This applies for fungicides sprayed alone or in tank mix with another mode of action.
- When mixtures are used for **Group 7** resistance management, applied as tank mix or as a co-formulated mixture, the mixture partner should provide satisfactory disease control when used alone on the target disease and must have a different mode of action.
- When using a **Group 7** fungicide alone, the number of applications should be no more than one in every three sprays of the total number of fungicide applications per season.

**Please note:**

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5. If used alone, apply **Group 7** fungicides in strict alternation with fungicides from a different cross-resistance group.
6. For programs in which tank mixes or pre-mixes of **Group 7** fungicides are used, the number of SDHI-containing applications should be no more than  $\frac{1}{2}$  (50%) of the total number of fungicide application per season.
7. If used in mixtures, apply **Group 7** fungicides in a maximum of 2 consecutive applications.
8. In programs where **Group 7** fungicides are made with both solo products and mixtures, the number of SDHI containing applications should be no more than  $\frac{1}{2}$  (50%) of the total number of fungicides applied per season.
9. The spray program should be considered and the strategy applied on a whole-orchard basis.

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