

**Crops(s)**            **Wheat**

**Disease(s)**        **Septoria blotch**

Resistance management strategy for:

<b>Group 3</b>	Demethylation inhibitors (DMI);
<b>Group 7</b>	Succinate dehydrogenase inhibitors (SDHI);
<b>Group 3+7</b>	DMI + SDHI; and
<b>Group 11+3</b>	Quinone outside inhibitors (QoI) + DMI.
<b>Group 21</b>	Quinone inside inhibitor (QiI).

**Guidelines:**

1. Fungicides should be used as protectant treatments – prior to symptoms of disease when conditions are conducive to disease development.
2. In high-risk disease environments, integrated management approaches should be used to reduce fungicide resistance risk, which may include:
  - a. Removal or burning of stubble;
  - b. Crop rotation (**avoid** wheat on wheat)
  - c. Control of green bridge volunteers; and
  - d. Use of tolerant and resistant varieties.
3. **Do not** apply more than one application of a **Group 7** seed treatment with foliar activity in any two consecutive growing seasons.
4. **Do not** apply more than two applications per growing season of **Group 11** or **7** containing products. Foliar sprays and in-furrow or seed treatments, that have activity on foliar diseases, count toward total. Combinations of in-furrow and seed treatment are counted as one application.
5. If a **Group 7** seed treatment has been used with foliar activity (as determined by label claims), the first foliar fungicide applied must not contain a **Group 7** fungicide. An alternative mode of action fungicide should be applied at typical foliar fungicide timing.

**Please note:**

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6. If a **Group 7** or **11** fungicide is being applied as a foliar spray, it must be in a co-formulation or in mixture with a registered mixing partner with a different mode of action, with no known resistance. The mixture partner should also provide effective disease control when used alone on the target disease.
7. **Do not** apply more than three applications containing **Group 3** fungicides per growing season. This total of three applications includes DMIs applied as **Group 11+3** co-formulations and in-furrow or seed treatments that have activity on foliar diseases. Combinations of in-furrow and seed treatments are counted as one application.
8. Minimise use of **Group 3** fungicides which are known to have compromised resistance status.
9. Reduced rates, including with multiple applications, must not be used. Always used labelled rates.
10. Apply **Group 21** preventatively, using a maximum of one **Group 21** spray per crop. Do not apply **Group 21** solo, they must be applied in combination with an effective tank mix partner from a different group.

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