

**Crops(s)**      **Turf**  
**Disease(s)**      **Various**

Resistance management strategy for:

<b>Group 1</b>	Benzimidazoles;
<b>Group 2</b>	Dicarboxamides;
<b>Group 3</b>	Demethylation inhibitors (DMI);
<b>Group 4</b>	Phenylamides (PA);
<b>Group 7 (N3)</b>	Succinate Dehydrogenase inhibitors (SDHI);
<b>Group 7+11</b>	SDHI + Quinone outside inhibitors (QoI);
<b>Group 11</b>	QoI;
<b>Group 11+2</b>	QoI + dicarboxamides;
<b>Group 11+3</b>	QoI + DMI;
<b>Group 12</b>	Phenylpyrroles (PP);
<b>Group 14</b>	Aromatic hydrocarbons (chlorophenyls and nitroanilines);
<b>Group 21</b>	Quinone inside inhibitors (QiI);
<b>Group 28</b>	Carbamates; and
<b>Group 33</b>	Phosphonates.

**Guidelines:**

2. Fungicide groups that are classified as medium to high risk for fungicide resistance development; **Groups 1, 2, 4, 7 (N3), 11** and **21** should be rotated as a key feature to reduce the development of resistance.
4. **Do not** apply consecutive sprays of fungicides from the same activity group, unless mixed with a registered fungicide from a different mode of action group with no known resistance.
5. **Group N3** nematicides are also classified as **Group 7** fungicides and consecutive application should be avoided, even if targeting different pests/pathogens.
6. If consecutive sprays are applied of fungicides from a high-risk fungicide group (i.e. **Group 1, 2, 4, 7, 11** or **21**) they must be followed by at least the same number of applications of fungicide(s) from a different group(s) before the same high-risk fungicide is used again.

**Please note:**

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