



**Fungicide Resistance Management Strategies**  
**Developed by the CropLife Australia Fungicide Resistance Management Review Group**  
Valid as at 25 June 2015

**. Crop(s):**     **Potato**

**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.  
**Group 11 + 3**     (Quinone outside Inhibitor + DMI) treat as a **Group 11** fungicide for resistance management purposes.

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 six **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 three or fewer fungicide sprays for target spot are applied per crop, use only one spray containing a **Group 7** fungicide. If four to six sprays are applied per crop, use a maximum of two sprays containing **Group 7** fungicides. If seven or more sprays are applied per crop use a maximum of three sprays containing **Group 7** fungicides. If used solo, apply **Group 7** fungicides in strict alternation with fungicides from a different cross resistance group. If fungicides containing **Group 7** are used in mixture, apply a maximum of 2 consecutive applications.
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.

Apply no more than two consecutive sprays containing a **Group 9** fungicide.

This strategy is a guide only and does not endorse particular products, groups of products or cultural methods in terms of their performance. Always follow the product label for specific use instructions. While all effort has been taken with the information supplied in this document no responsibility, actual or implied, is taken for the day to day accuracy of product or active constituent specific information. Readers should check with the Australian regulator's (APVMA) product database for contemporary information on products and actives. The database can be sourced through [www.apvma.gov.au](http://www.apvma.gov.au). The information given in this strategy is provided in good faith and without any liability for loss or damage suffered as a result of its application and use.

6. Apply **Group 11** containing fungicides preventively. **DO NOT** apply more than three foliar applications of a **Group 11** containing fungicide per crop, no more than two consecutive **Group 11** sprays per crop. If consecutive applications of **Group 11** containing 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** containing fungicide is used again, either in the current or following season.

When using a **Group 11** fungicide in-furrow at planting, use a fungicide from a different group as the first foliar spray.

---

This strategy is a guide only and does not endorse particular products, groups of products or cultural methods in terms of their performance. Always follow the product label for specific use instructions. While all effort has been taken with the information supplied in this document no responsibility, actual or implied, is taken for the day to day accuracy of product or active constituent specific information. Readers should check with the Australian regulator's (APVMA) product database for contemporary information on products and actives. The database can be sourced through [www.apvma.gov.au](http://www.apvma.gov.au). The information given in this strategy is provided in good faith and without any liability for loss or damage suffered as a result of its application and use.