

# Your guide to managing foliar diseases in potatoes.

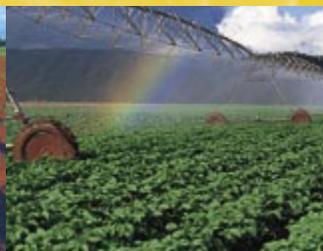


**Potato crops are susceptible to a range of fungal diseases that can have a significant impact on crop yield and quality. Thankfully, a range of fungicides are available to counter these diseases and when used in an overall integrated crop production system, growers have been able to successfully grow potatoes.**

**While chemical resistance is not an issue for potato growers at this point in time, it should never be underestimated. The continual rotation of products from differing chemical groups is key to delaying the onset of resistance through avoiding over-use of any one chemical group.**

**This booklet profiles three products. Antracol® and Rovral® have been valuable tools for control of some of the key fungal diseases in potatoes for a considerable period of time. Walabi®, a relatively new product with a new mode of action, is increasingly being seen as a highly beneficial tool for the control of target spot.**

**Regardless of product used, early intervention is the key to successful management of diseases. Achieving this leads to increased crop yields and a greater return on investment.**



The information and recommendations set out in this brochure are based on tests and data believed to be reliable at the time of publication. Results may vary, as the use and application of the products is beyond our control and may be subject to climatic, geographical or biological variables, and/or developed resistance. Any product referred to in this brochure must be used strictly as directed, and in accordance with all instructions appearing on the label for that product and in other applicable reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions. This brochure is not a substitute for full label information. Always refer to product label before applying Bayer CropScience products.

**Antracol® Fungicide Spray**

Product Type	Fungicide
Active Ingredient	700 g/kg propineb
Mode Of Action	Group Y (dithiocarbamate)
Formulation Type	Wettable powder
Pack Sizes	1 kg / 25 kg
Target Diseases	Irish blight (late blight) and target spot (early blight)

**Key Features**

- Is an important source of plant available zinc.
- Has a multi-site mode of action.
- No known resistance.
- Features a fine particle size for excellent distribution and adhesion to plant surfaces.
- Excellent crop tolerance.
- A 1 day withholding period.

**Application**

Antracol, a contact fungicide, is not translocated through the plant and shows no systemic activity either through roots or leaves. Therefore, for effective disease control apply in sufficient water to achieve thorough coverage of foliage.

**Application timing**

Apply when conditions favour disease and repeat at 7 - 10 day intervals.



## Walabi® SC Fungicide

Product Type	Fungicide
Active Ingredient	375 g/L chlorothalonil, 150 g/L pyrimethanil
Mode Of Action	Group Y & I
Formulation Type	Suspension concentrate
Pack Sizes	10 L / 60 L
Target Diseases	Target spot (early blight)

### Key Features

- Contains two active ingredients from two different chemical groups each with a different mode of action.
- Provides 3-way activity against target spot controlling disease through translaminar, contact and vapour activity.
- An important rotational partner for resistance management.
- Highly rainfast once dried on foliage.
- 7 - 14 day spray interval.
- Highly efficacious. Equal to other leading registered fungicides.
- No withholding period when used as directed.

### Ground Application

For effective disease control apply in sufficient water to achieve thorough and even coverage of foliage. Walabi should be applied in a minimum water volume of 200 L/ha.

### Application Timing

Apply at 7 - 14 day intervals as part of a protectant spray program, commencing prior to row closure, or earlier if conditions favour disease development. Use the shorter interval when disease pressure is high.



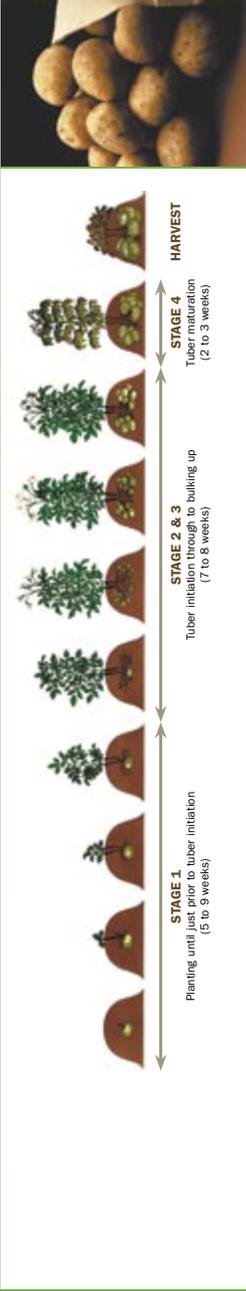


# POTATO DISEASE MANAGEMENT GUIDE

REFER TO THE RELEVANT PRODUCT LABELS FOR FURTHER DETAILS AND COMPLETE DIRECTIONS FOR USE

	PRE-PLANTING	PLANTING	CROP EMERGENCE	CROP ESTABLISHMENT	CROP MATURATION	HARVEST	SPRAY INTERVAL	WHP
<b>Black Scurf</b> <i>(Rhizoctonia solani)</i>		<b>rövrál</b> Group B Fungicide						Not required when used as directed
<b>Sclerotinia Rot</b>			<b>rövrál</b> Group B Fungicide				14 days	Not required when used as directed
<b>Target Spot (Early Blight)</b> Recommended product positioning is designed to provide a high level of disease management taking into account individual product recommendations and resistance management considerations.				<b>walabi</b> Group Y + I Fungicide			7-14 days	Not required when used as directed
					<b>rövrál</b> Group B Fungicide		7-14 days	Not required when used as directed
					<b>Score</b> Group C Fungicide		7-14 days (rate dependent)	7 days
					<b>Amistar</b> Group K Fungicide		7-14 days (rate dependent)	Not required when used as directed
			<b>Antracol</b> /mancozeb or chlorothalonil Group Y Fungicides				7-10 days	1 day (Antracol)

ROW CLOSURE



Rovral® Liquid	
Product Type	Fungicide
Active Ingredient	250 g/L iprodione
Mode Of Action	Group B (dicarboximide)
Formulation Type	Suspo emulsion
Pack Sizes	5 L / 20 L / 60 L
Target Diseases	Sclerotinia rot and target spot (early blight)

### Key Features

- Is active on all major stages of development of fungi.
- The unique activity of Rovral on spore production makes it ideally suited to mid to late season application.
- A premium oil-based fungicide providing better coverage of the leaf.
- Enhanced rainfastness compared to SC formulations
- A nil withholding period when used as directed.
- Also available in a water based formulation (Rovral® Aquaflo) where greater compatibility is required with other products being used in tank mixtures.

### Application

Application should be made using appropriate spray equipment and sufficient water to provide adequate penetration and coverage. Equipment settings and water volume may need to vary, depending on the growth stage of the crop.

### Application Timing

Target spot: Treatment is generally not required until after flowering. Ensure thorough coverage of the whole plant.

Sclerotinia rot: Apply 2 sprays, once immediately before and once immediately after hilling-up.

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