



# PHOSTROL

EFFECTIVE  
FLEXIBLE  
CONVENIENT



## PHOSTROL FUNGICIDE

Phostrol is an extremely systemic and highly unique phosphite fungicide that has both a direct and indirect effect on harmful oomycete diseases on a broad range of crops.

Phostrol provides effective, convenient, and flexible preventative control of Late Blight and suppression of Pink Rot and Early Blight during the growing season.

Phostrol also provides post-harvest control of Late Blight and Pink Rot as well as suppression of Silver Scurf.





# PHOSTROL

## EFFECTIVE

Phostrol provides effective preventative protection of late blight and pink rot during the season and after harvest. Three distinct phosphites are blended for improved availability to the plant.

Highly systemic - moving throughout both the xylem and phloem, Phostrol protects all parts of the plant, allowing in season foliar applications to protect foliage and tubers in the field and in storage.

Mode of action - Phostrol works directly on the disease by inhibiting the oxidative phosphorylation in the metabolism of oomycetes. In addition, Phostrol stimulates the plant's natural defense response against pathogen attack, providing two modes of action against these tough diseases.

Globally used, locally proven: Phostrol is registered and has proven itself to be an effective fungicide in several potato growing areas around the world.

## CONVENIENT

Lower use rates offer application efficiency. Phostrol's availability and highly concentrated blend of mono and dibasic sodium, potassium and ammonium phosphites make Phostrol effective at low use rates, which means fewer trips with the sprayer.

Phostrol has a neutral pH of 7 which means it is easy to work with, gentle on equipment, and doesn't require a buffering agent.



## FLEXIBLE

Timing – Phostrol can be applied as a foliar, in furrow, or post harvest application, providing disease protection at each stage of growth.

- In-furrow – A unique mode of action for suppression of Pink Rot
- Foliar – Systemic characteristics provide complete plant protection from tubers to leaf tip, throughout the growing season and into storage.
- Post Harvest – Excellent protection against Pink Rot and Late Blight, and suppression of Silver Scurf while in storage.

Application Method – Phostrol offers growers flexibility in their application methods, as it can be applied by ground or aerial spraying

Tank-mix registration: A number of registered tank-mix partners have been added to the label.

PHOSTROL PRODUCT DETAILS
<b>For use on:</b> Potatoes
<b>Active Ingredient:</b> 53.6% Mono- and dibasic sodium, potassium, and ammonium phosphites
<b>Formulation:</b> Liquid
<b>Packaging:</b> 2 x 10 L jug, 1000 L totes
<b>Mode of Action:</b> Inhibits oxidative phosphorylation in the metabolism of oomycetes, and stimulates the plant's natural defence response against pathogen attack.
<b>FRAC Group:</b> 33
<b>Key Diseases Controlled:</b> Pink Rot, Late Blight, Early Blight, Brown Leaf Spot, Silver Scurf

## PHOSTROL APPLICATION GUIDELINES

DISEASE	RECOMMENDATIONS	SPRAY INTERVAL	REI	PHI	Rate
Suppression of Pink Rot	<b>In Furrow:</b> Apply in a band at planting directly over the seed pieces prior to row closure.	NA	12 hr.	0 days	5.8 – 11.6 L / ha. in at least 30 L water
Suppression of Brown leaf spot and Early Blight	<b>Foliar Applications:</b> For preventative control of late blight and preventative suppression of pink rot, begin applications, by ground or air, when conditions favouring disease development exist and continue on a 7-14 day interval.	7 – 14 days			2.9 – 5.8 L / ha In at least 200 L water
Late Blight					2.9 – 11.6 L / ha. in at least 200 L water
Suppression of Pink Rot					5.8 – 11.6 L / ha. in at least 200 L water
Late Blight	<b>Post harvest control:</b> Apply directly to the tubers Ensure complete and even coverage.	NA	Post Harvest	0.42 L in 2L water to 1 tonne tubers	
Pink Rot					
Suppression of Silver Scurf					

Always read and follow label directions.

Phostrol is a registered trademark of Belchim Crop Protection Canada