



# 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.

In vegetables, Phostrol provides effective, convenient and flexible preventative protection against downy mildew in head & stem brassica, cucurbits and leafy greens, and late blight in tomatoes.



## EFFECTIVE

Phostrol provides effective preventative protection against downy mildew in vegetables and late blight in tomatoes during the season. Three distinct phosphites (mono- and dibasic sodium, potassium and ammonium 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, including any new growth that occurs after application.

New Mode of Action – Phostrol, a group 33 fungicide, offers a new mode of action to tomato and cucurbit growers. 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 and Locally Proven – Phostrol is registered and has proven itself to be an effective fungicide in several vegetable growing areas around the world.

### COVERAGE

Package size	Rate (L/ ha)	Coverage ha (acres)
2 x 10 L	2.9 – 5.8	6.9 – 3.45 (17 – 8.5)
1000 L	2.9 – 5.8	344.8 – 172.4 (852 – 426)

## FLEXIBLE

Timing – Phostrol can be applied as a foliar application, providing disease protection at each stage of crop growth. Systemic characteristics provide complete plant protection from roots to leaves, including any new growth that occurs after application. Phostrol can be applied up to day of harvest on vegetables.

## CONVENIENT

Phostrol's availability and highly concentrated blend of mono- and dibasic sodium, potassium and ammonium phosphites make Phostrol effective at label rates

### PHOSTROL PRODUCT DETAILS

<b>For use on:</b> Potatoes, Tomatoes, Head & Stem Brassica, Cucurbits, Leafy Greens
<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, Downy mildew

### PHOSTROL APPLICATION GUIDELINES

CROP	DISEASE	RECOMMENDATIONS	INTERVAL Days	REI Hr.	PHI Days	Rate
Leafy Greens	Downy mildew	For preventative control, begin foliar applications when conditions favouring disease development exist. Do not exceed 7 applications / season	7 – 14	12	0	2.9 – 5.8 L/ ha in minimum 225 L water
Cucurbits	Downy mildew (suppression)	For preventative suppression, begin foliar applications when conditions favouring disease development exist. Do not exceed 7 applications / season	7 – 14	12	0	2.9 – 5.8 L/ ha in minimum 225 L water
Head & Stem Brassica	Downy mildew (suppression)	For preventative suppression, begin foliar applications when conditions favouring disease development exist.	7 – 21	12	0	2.9 – 5.8 L/ ha in minimum 225 L water
Tomatoes	Late blight (suppression)	Begin foliar applications immediately after transplanting to the field. Do not exceed 4 applications / season.	7 – 14	12	0	2.9 – 5.8 L/ ha in minimum 225 L water

Always read and follow label directions.

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