





# Late Blight on Potato and Tomato

*Phytophthora infestans* In Sinhala “Paschimaangamaraya” Tamil: Pitkootuveliral

	Prevention	Monitoring	Direct Control	Direct Control	Restrictions
	<ul style="list-style-type: none"> <li>Select fields free of crop residues or volunteer potato or tomato plants</li> <li>Prepare land to improve drainage</li> <li>Avoid starting cultivation during heavy rains</li> </ul>	<ul style="list-style-type: none"> <li>Observe plants regularly from the early stage of crop</li> <li>Look for symptoms such as: Blackish water soaked lesions occur on the leaves; Whitish sporulation of the pathogen can be seen around the margin of the lesions, particularly on the underside of the leaf.; On stems, late blight causes brown to black lesions; The lesions commonly occur at the junction of the leaf and stem where water may accumulate or on clusters of leaves at the top of the stem.</li> </ul>		<ul style="list-style-type: none"> <li>Take appropriate personal and environmental precautions when applying pesticides</li> </ul>	
	<ul style="list-style-type: none"> <li>In case of potato, use disease-free seeds and resistant varieties (e.g. Hill Star)</li> <li>Follow recommended spacing (do not overcrowd plants)</li> <li>Do not overuse fertilisers, especially Nitrogen fertilisers</li> </ul>	<ul style="list-style-type: none"> <li>The disease spread very quickly over the entire field killing all foliage and causing the death of the entire plant</li> <li>Since the disease can cause huge crop losses, it is advisable to use protective fungicides when the disease symptom first appear to reduce the disease spread</li> <li>In wet weather conditions, application of systemic fungicides at 21 day intervals is a necessity</li> </ul>		<ul style="list-style-type: none"> <li>Propineb WP; mix 2 g/L and apply 5-7 days intervals</li> <li>Mancozeb WP; Contact fungicide, mix 2 g/L and apply 5-7 days intervals</li> </ul>	<ul style="list-style-type: none"> <li>WHO hazard class IV; Contact fungicide; Alternate with systemic fungicide</li> <li>WHO hazard class IV; Alternate with systemic fungicide</li> </ul>
				<ul style="list-style-type: none"> <li>Fluazinam SC; Contact fungicide, mix 0.5-1 ml/L and apply 5-7 days intervals</li> <li>Metalaxyl+ mancozeb; Systemic fungicide, mix 2.5 g/L and apply 14-21 days intervals</li> </ul>	<ul style="list-style-type: none"> <li>WHO hazard class III</li> <li>WHO hazard class IV; Alternate with contact fungicide</li> </ul>
				<ul style="list-style-type: none"> <li>Dimethomorph + mancozeb (WP)I mix 2.5 g/L and apply 14-21 days intervals</li> <li>Chlorothalonil WP; mix 3 ml/L and apply 5-7 days intervals</li> </ul>	<ul style="list-style-type: none"> <li>Systemic fungicide; WHO hazard class III</li> <li>Contact fungicide; WHO hazard class IV</li> </ul>

## Sri Lanka

CREATED/UPDATED: March 2014

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EDITED BY: Plantwise

