

Potato late blight on tomatoes (*Phytophthora infestans*)

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Watery spots of irregular shape appear on the oldest leaves, covered on the underside with a loose whitish coating – the sporulation of the fungus. Later they turn brown and dry out. Under severe infestation, the entire leaf mass may die. The spots on the leaf and fruit petioles are dry, dark brown, while on the stem they are large and watery and encircle it completely. On the fruits the spots are brown, rough, with a characteristic radiating structure. They rapidly increase in diameter. Under high air humidity, a loose whitish sporulation appears on them. Usually, green fruits are attacked.

Pest control strategy

In the presence of “critical periods”, treatments with plant protection products should be initiated.

Authorized plant protection products:

Acrobat R – 0.25%; Acrobat Plus WG – 200 g/ha; Alfil Duplo – 90-400 g/ha; Antracol 70 WG – 0.15%; Armetil M – 250; Acrobat Plus WG – 200 g/ha; Banco 500 – 200 ml/ha; Valbon – 180-200 g/ha; Verita WG – 150 g/ha; Winker WG – 200 g/ha; Vitene Triplo R – 400-450 g/ha; Vitra 50 WP – 150 g/ha; Dimix 50 SC – 30-36 ml/ha (applied in tank mixture with products containing mancozeb); Dithane DG – 200 g/ha; Dithane M-45 – 200 g/ha; Equation Pro – 0.04%; Infinito SC – 120-160 ml/ha; Karyal Star – 60 ml/ha; Katanga Man – 300-500 g/ha; Consento SC – 200 ml/ha; Korseit MDF – 0.25%; Korseit R DF – 250 g/ha; Korseit R DF Bianco – 250 g/ha; Korseit R WP – 250 g/ha; Korseit Max WP – 150 g/ha; Quadris 25 SC – 0.075%; Cupertine M – 400 g/ha; Cuproxat FL – 300 ml/ha; Lieto – 40-45 g/ha; Mancozeb 80 WP – Agria – 0.25% (potatoes); Mancozeb 80 WP – 250 g/ha; Manfil 80 WP – 200 g/ha (potatoes); Manfil 75 WG – 210 g/ha; Copper oxychloride 50 WP – 250 g/ha; Melody Compact 49 WG – 185 g/ha; Moximat 505 WG – 240-300 g/ha; Moximat 505 WP – 240-300 g/ha; Pencozeb 80 WP – 200 g/ha; Pencozeb 75 WG – 210 g/ha; Pergado Med 27 WG – 500 g/ha; Polyram DF – 0.2%; Proxanil – 200-250 ml/ha; Ranman Twin Pack – 20 ml/ha + 15 ml activator; Revus 250 SC – 0.05%; Ridomil Gold MC 68 WG – 250 g/ha; Ridomil Gold R WG – 500 g/ha; Sankozeb 80 WP – 200 g/ha; Simbal 45 WG – 25 g/ha; Sinstar – 70-80 ml/ha; Sphinx Extra / Vinostar – 180 g/ha; Triomax 45 WP – 250 g/ha; Folpan 80 WDG – 150 g/ha; Funguran OH 50 WP – 150 g/ha; Champion WP / Macc 50 WP / Champ WP – 150 g/ha.