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Subscription

Viruses of blackthorn and road-bordering trees of plum, myrobalan, sweet and sour cherries in the Czech Republic

Polák J.:

Plant Protect. Sci., 43 (2007): 1-4

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The distribution of *Plum pox virus* (PPV), *Prune dwarf virus* (PDV), *Prunus necrotic ringspot virus* (PNRSV), *Apple chlorotic ringspot virus* (ACLSV) and *Apple mosaic virus* (ApMV) in naturally growing shrubs of blackthorn and road-bordering trees of plum and myrobalan, and of PPV, PDV, PNRSV and *Cherry leafroll virus* (CLR) in sweet and sour cherry trees were investigated. The most widely distributed viruses were PPV in plums (74% of the investigated trees were infected); PPV, PDV, and PNRSV in myrobalans (26%, 11% and 18%, respectively), PDV in blackthorns (27%), and PDV and PNRSV in cherries (25% and 22%). PPV was not detected in sweet and sour cherries. The incidence of ACLSV and ApMV was negligible in individually growing trees of the genus *Prunus* in the Czech Republic.

Keywords:

blackthorn; myrobalan; plum; sweet and sour cherry; stone fruit viruses; distribution; sources of infection

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