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Damage to peach and apricot trees in selected localities of Slovakia

H. Ivanová, G. Juhásová, Š. Čerčer

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In this paper we have evaluated the health condition of *Prunus persica* (L.) Batsch and *Prunus armeniaca* L. for the occurrence of the parasitic microscopic fungus *Cytospora cincta* Sacc. Apricot trees in 5 localities with 10 sites and peach trees in 5 localities with 8 sites were evaluated. We identified symptoms of the disease in host plants, conditions for isolation and cultivation of the fungus and the growth rate of the mycelium hyphae on various substrates. The damage degree was evaluated in 330 trees in four localities while most trees were characterised by degree 1–3. We have derived conclusions for protective measures to prevent further spreading of the infection.

Keywords:

Prunus persica, *Prunus armeniaca*, *Cytospora cincta*; health condition; plant protection

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