

Peach, Cherry and Plum

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Abstract

This chapter is included in an intended reference book and the coverage for the majority of each disease dealt with is divided into three sections, viz.: The Disease, The pathogen and Control. The diseases of peach, cherry and plum are presented according to their classification, and the symptoms of each disease, causal pathogen and control measures for each condition are described. The chapter presents descriptions of fungal, bacterial, and viral diseases. In this way, the main symptoms can be interpreted by growers and gardeners who have a range of experiences and knowledge of plant diseases. The fungal, bacterial and viral diseases covered are: peach leaf curl (*Taphrina deformans*); peach powdery mildew (*Podosphaera pannosa*) and apricot powdery mildew (*P. tridactyla*); shot hole disease (*Stigmina carpophila*); brown rots (*Monilinia fructigena*, *M. laxa* and *M. fructicola*); cherry leaf spot (*Blumeriella jaapii*); constriction canker (*Phomopsis amygdali*); Rosellinia root rot (*Rosellinia necatrix*); Armillaria root rot, honey fungus (*Armillaria mellea*); silver leaf (*Chondrostereum purpureum*); stone fruits bacterial canker (*Pseudomonas syringae* pv. *morsprunorum* and *P. syringae* pv. *syringae*) and bacterial dieback of peach (*P. syringae* pv. *persicae*); and plum pox virus or sharka. The work is supported by figures selected to illustrate the points or features being described and is a reference work for horticultural professionals, academics, students, crop producers as well as amateur horticulturists.