

PRELIMINARY STUDIES ON PLUM PLANTATIONS ENTOMOFAUNA

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Abstract

This paper summarizes the literature on entomofauna of plum orchards. The purpose of this paper is to present the state of knowledge on the main pests of plum plantations existing in our country and beyond. The research was made based on comparative studies and case studies data from the literature. The plum, for Romania, is a fruit tree species with ancient resonance. Great adaptability to different climatic and soil conditions made the plum tree to grow and produce spontaneous or cultivated varieties, range and variety being virtually limitless. Worldwide, the plum tree is attacked by over 90 pest species belonging to the following orders: the Acari order: 6 species; the Heteroptera order: 4 species; the Homoptera order: 16 species; the Coleoptera order: 18 species; the Hymenoptera order: 7 species; the Lepidoptera order: 33 species; the Diptera order: 1 species; the Rodentia order: 2 species. As a general conclusion, the plum tree is attacked by a large number of pests, which, depending on region, weather conditions etc., can adversely affect fruit production.

Key words: orchards,damage,production
