

Important Insect Pests for Ornamental Plants and Their Control Strategies

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Aim of the study: Especially in the last century, the rapidly developing ornamental plant sector has reached a huge volume today, which is measured in billion dollars in the world. According to the 2009 data, a total of 3,359 hectares of ornamental plants are produced in Turkey. As in other sectors of crop production, the production of ornamental plants is also threatened by many animal organisms, especially insects, red spiders and nematodes. These harms threaten appearance and production in ornamental plants, bringing significant losses in quality and quantity. For this reason, it is inevitable to struggle with these living creatures that are harming ornamental plants. In this study, it is emphasized what the harmful effects of ornamental plants are and which cause great economic losses and how to struggle them.

Material and Methods: The main material of this study is the internet and also printed books, articles and magazines. In this study, it is a compilation study by reading many different literature and focusing on important information. The methods, forms and photographs in these sources have been evaluated.

Results: This report focuses on what the harmful effects of ornamental plants are, how they damage plants, and how to struggle these harmful organisms. Important harmful pest insects are: Insects damaging on Leaves (*Thaumetoea pityocampa*, *Hyphantria cunea*, *Lymantria dispar*, *Euproctis chrysorrhoea*, *Diprion pini*, *Chrysomela populi*, *Phylodecta vitellinae*, *Agelestica alni*), Insects Damaging Buds, Exiles and Fine Branches (*Rhyaciona buoliana*, *Gypsonoma dealbana*, *Helicomyia salicis*), Sap-sucking insects (*Cinara cerdi*, *Aphis craccivora*, *Aphis fabae*, *Pineus pini*, *Chionaspis salicis*, *Lepidosaphes ulmi*, *Leucaspis pusilla*, *Pericerya puchasi*), Shell and Cambium Pests (*Scolytus scolytus*, *Scolytus multistriatus*, *Hylesinus crenatus*, *Blastophagus piniperda*, *Blastophagus minor*, *Phloeosinus aubei*, *Ips sexdentatus*, *Ips acuminatus*, *Orthotomicus erosus*, *Doryctria splendidella*, *Agrilus viridis*, *Chrysobothris affinis*, *Pissodes notatus*), Harmful insects in wood (*Buprestis cupressi*, *Aromia moschata*, *Cryptorrhynchus lapathi*, *Cossus cossus*), Insects that damage roots (*Gryllotalpa gryllotalpa*, *Melolontha melolontha*, *Polphylla fullo*, *Hylobius abietis*).

Keywords: Ornamental plant, Plant pests, Harmful insects