

عنوان مقاله:

Identification of Coccinellid and Orius Species in Isfahan Maize Fields

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خلاصه مقاله:

Identification of Coccinellid and Orius Species in Isfahan Maize Fields Alireza Jalalizand*, Azadeh Karimi, Esmaeil Mahmoudi Department of Plant protection, Faculty of Agriculture, Isfahan (Khorasgan) Branch, Islamic Azad University, Isfahan, Iran. *Correspondence Author Email: arjalalizand@gmail.com Received: ۸ March ۲۰۲۰ Accepted: ۱۵ May ۲۰۲۰ Abstract The aim of this investigation was to studies Orius wolff (Het. Anthocoridae) and Coccinellidae species present in localities in Isfahan region, Iran. Samples were taken from Corn fields and the material screened in laboratory. External characters plus characters of the male and female genitalia were used in order to giagnose Orius and Coccinellidae species. Five Orius species were sampled on Corns: Orius albidipennis, O. niger niger, O. niger aegyptaicus, Orius vicinus, Orius horvathi, O. horvathi were reported for the first time in Isfahan, Iran. Coccinellids species were identified on maize and collected as following: Coccinella septempunctata, Coccinella undecimpunctata, Hipodamia variegata, Oenopia conglobate, Propylea quatuordecimpunctata; Hyperaspis syriaca. Identification of insect species with biological control .potential has important role in their use for the production of healthy crops

کلمات کلیدی:

Keywords: Coccinellid, Orius, predators, Corn. Biological control

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