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Evidences investigation for reduction of caves and honey production to present effective recommendations in Isfahan province

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Abstract

Honeybee is a valuable insect that has high interaction with human life and also the pollination role of this insect is very important. In recent years, with unbelievable costs in this sector such as truck fares, labor salary, feed and medicines costs and etc, and also poor natural resources resulted in very hard circumstances for beekeeping. In present study, different effective factors on beekeepers population and honey production (*Apis mellifera persica*) in Isfahan province during 2015 and 2016 were investigated. Results showed that average age of beekeepers was 44.38 that means this industry is getting old. Average literacy and experience of them were 9.83 and 21.4 years, respectively. The average number migration of beekeepers was 2.31 times per year. Average damage caused by poison spraying in farms, wax moth (*Galleria mellonella*), roller (*Coracias garrulus*) were calculated 189.28, 716.59, 117.96 and 67.19 Tuman per cave, respectively. Total average honey production for each cave was 9.21 kg. According to results different suggestions are presented which included; paying money to beekeepers for pollination, holding extension-training classes to improve and promote beekeepers information, and also supply basis of process, packing and export. In addition, special schools, stores and other services should be established to promote honeybee industry.

Key words: economy, honey production, population, honeybee