

عنوان مقاله:

A survey on cattle hard ticks fauna in Maragheh city, Iran

محل انتشار:

مجله دامپزشکی پایه و بالینی، دوره 2، شماره 1 (سال: 1400)

تعداد صفحات اصل مقاله: 8

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خلاصه مقاله:

Ticks are the most important ectoparasites which inflict heavy economic losses to livestock and transmit viral, rickettsia, bacterial and protozoal diseases. Ixodidae family is one of the most great tick family of domestic animals. So far, ۱۳ different kinds and ۶۵۰ species in five subgroups have been reported. The aim of this research is to assess quantitatively the extent of cattle infestations to these different ticks and also to identify the diversity of the species found in Maragheh. In this survey, carried out throughout fall ۲۰۱۵ to the end of summer ۲۰۱۶, a total number of ۳۲۸ ticks were collected and identified including ۲۲۴ *Hyalomma* spp. (۶۸.۳۰%), *Rhipicephalus* spp. ۹۸ (۲۹.۸۸%), *Dermacentor* spp. ۳ (۰.۹۱%) and *Boophilus* spp. ۳ (۰.۹۱%) as the minimum infestation rate. From seasonal infestation prevalence aspect, in spring, ۱۶۸ ticks, in summer ۸۹ ticks and in autumn and winter ۴۵ and ۲۶ ticks were respectively, found on the cattle. Maximum infestation of cattle in summer and minimum in winter were observed. The maximum rate of the found ticks was observed in groin and the minimum was observed in testicle surfaces.

کلمات کلیدی:

Hard Tick, Ixodidae family, cattle, Maragheh

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