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Abstracts of Poster Presentations



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**3.26. Introduction of some arthropod herbivore for biocontrol of Canada thistle
(*Cirsium arvense* (L.) Scop.)**

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Canada thistle is one of serious weeds throughout the world and third serious weed in Europe. This weed has a high competition ability and appear in different region and climates. The control of Canada thistle is very difficult due to its extensive lateral and

diffused root systems, the lignified and spiny form of its stem and leaves and also the ability of high seed production. Canada thistle seriously decreases crops yield. Therefore, control of this weed in field is very important. As Iran is one of the best regions with diverse flora and fauna, this region is attractive by biocontrol specialists throughout the world. This experiment started from 2006 and so far 12 arthropod species contain a mite herbivore belonging to Arachnida and 12 species belonging to Coleoptera have been found. Among these agents, four species showed high population and efficiency on Canada thistle and therefore this species can be a promising biological control agent for *Cirsium arvense*.