

## Abstract

In order to evaluate the effect of extract of *Artemisia sieberi*, *Trifolium alexandrium* and also the active ingredient in the essential oils of plants and complete fertilizer (nitrogen and micro elements), the percent germination and early growth of *Peganum harmala* and *Prosopis cineraria*, personal greenhouse experiment city Khash in 1394 Nodal completely random experimental design with four replications. Three treatments at concentrations 0/002, 0/004 and control were applied to cultivated plants. After harvest, results of statistical analysis showed that extracts of *P. cineraria* *A. sieberi* led slowdown in the plant, and extracts *T. alexandrium* increase germination, increase photosynthesis and higher Rngyz·h·Hay elements such as zinc, manganese and nitrogen, which solved the problem partially stems *P. cineraria* hard germination *P. harmala* results of this study indicate an increase in plant traits were measured in extracts of *A. sieberi* in extracts of *T. alexandrium* measured traits were reduced. The empirical results reveal the fact that *Artemisia* inhibitory effect is not always dependent on the concentration and plant species studied. Complete fertilizer used in this study was the most significant traits. The use of this fertilizer while increasing the fertility of the soil reaches Bh·Nzr especially in arid and Nymh·Khshk pasture lands that are poor in nutrients, can enhance plant growth and increase the forage for livestock in these areas. But in this context it should grassland other conditions such as the amount and timing of rainfall, soil type and need it to be considered a food, etc.

Keywords: plant extracts, fast growing plants, growth rate, chlorophyll



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## **Title**

Effects of *Trifolium alexandrium*, *Artemisia sieberi* and Fertilizer Onagree Extract on Germination and Morphological Properties of *Peganum harmala* and *Prosopis cineraria*

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