

Evaluation of adaptation and economic production of 5 types of medicinal plants in Ardabil

Zaefy Zadeh, M & J. Azimi

Ardabil Islamic Azad University

In order to investigate the economic production, growth phenology and adaptation of some medicinal plants, different experiments were conducted during 5 years (1996 - 2000) at the Research station of Ardabil Islamic Azad University.

In this paper 5 different types of medicinal plants; *Lavandula officinalis*, *Hyssopus officinalis*, *Salvia officinalis*, *Foeniculum vulgare* & *Cuminum cyminum*, were evaluated in terms of adaptation to the area, economic production, some traits and growth phenology

Analysis of data and observation showed all 5 types of medicinal plants had better economic crop for production on the farm, and they could be applied in crop cycle with other crops .

Finally *Cuminum cyminum* is recommended to be planted in dryland and 4 other types of medicinal plants are recommended to be planted in irrigated land.