

Agropyron

Agropyron tauri trichophorum , Hordeum bulbosum , Festuca ovina , Bromus tomentellus

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(E_mail: Javadtorkan@yahoo.com)

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Agropyron tauri , *Agropyron*

trichophorum , *Festuca ovina*

Bromus tomentellus , *Hordeumbulbosum*

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-In-Vitro

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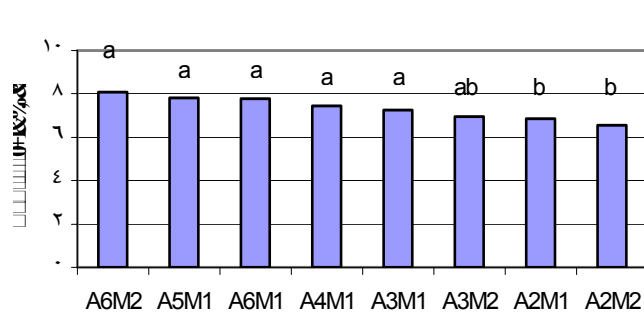
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A2M1 =

A2M2 =

A3M1 =

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A4M1 =

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A6 M1 =

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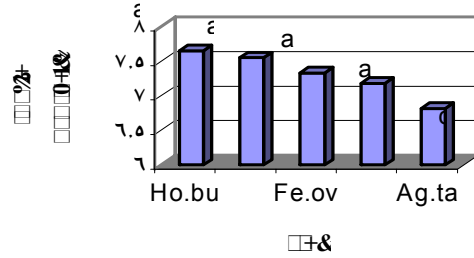
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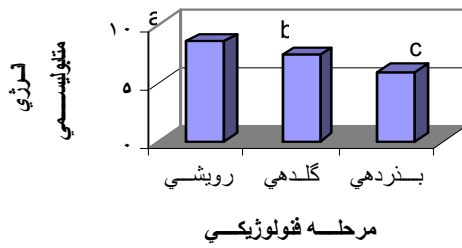
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Hordeum bulbosum = *Bromus tomentellus* > *Festuca ovina* = *Agropyron trichophorum* > *Agropyrom tauri*



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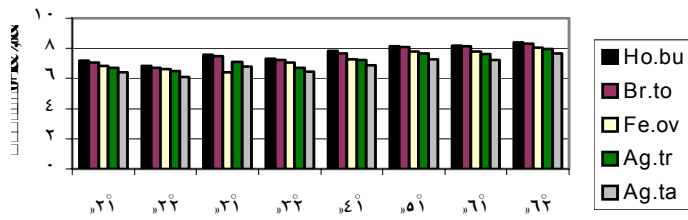
Agropyron tauri

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Hordeum bulbosum

Hordeum bulbosum > *Bromus tomentellus* > *Festuca ovina* > *Agropyron trichophorum* > *Agropyron tauri*

Hordeum bulbosum



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A4M1 =

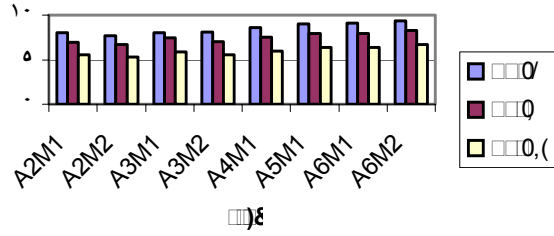
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A4M1 =

A5M1 =

A6M1 =

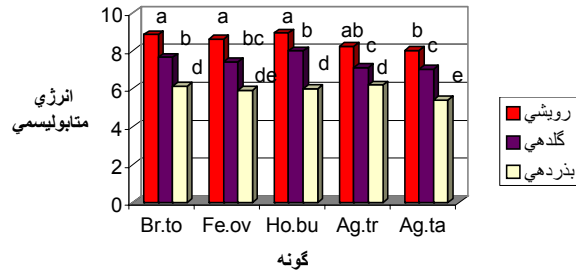
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A2M2 =

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Hordeum bulbosum

Agropyron tauri

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Bromus tomentellus

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A Study of Variation of Forage Quality of Range Species at Different Phenological Stages and in Different Climatic Zones

J. Torkan¹

H. Arzani²

Abstract

Information regarding forage quality and its variation in different climatic zones and at various phenological stages can help a range manager to determine daily animal requirement which in turn is essential in an evaluation of grazing capacity. In order to determine forage quality, five species of vegetation namely; *Agropyron tauri*, *Agropyron trichophorum*, *Bromus tomentellus*, *Festuca ovina* and *Hordeum bulbosum* were collected from 18 vegetation communities of 8 climate zones and at three phenological stages of vegetative, flowering and seed ripening. Plant samples were analysed to determine N percentage as well as ADF. Metabolizable Energy was assessed as a forage quality factor. Variance analysis was applied to data. Results indicated that Metabolizable Energy is significantly affected by species, phenological stage as well as climatic zone.

Keyword: Forage quality, Climate, Phenological stages, Metabolizable Energy, ADF, Nitrogen.

¹ -Scientific Member, Urymia University (E-mail: Javad.torkan@yahoo.com)

² -Associate Professor, Faculty of Natural Resources, University of Tehran