
Compare forage product of *Aeluropus lagopides* in Hamoun wetland in normal year and drought

Mansoor Jahantigh^{1*}

1. Department of Soil Conservation and Water Management, Research Center for Natural Resources and Agriculture, Sistan, Iran

*Corresponding author
mjahantigh2000@yahoo.com

Received date: 2014.05.10

Reception date: 2014.11.06

Abstract

The major purpose of this research was measuring the forage product of *A.lagopideS* that grows in Hamoun wetlands. For this research and to estimate the amount of forage production, a linear transect, as well as 10 plots of squared-meter with a distance of 50 meters from each other were randomly (completely randomized design) selected at this site and sample determination done to determination of the type of vegetation and measured annual forage products, number of stem, vegetation cover and bare soil. Statistical analysis tests done usingMSTACT software. The results showed that the forage product *A.lagopideS* was in first and second year 8869 and 173 kg/ha, respectively. In addition, Average bare soil percentage was 84.2 and 7.5% in mention periods, respectively. The number stem was 19 and 14 pieces. As the results shows that the between forage product and number of stem is $P= 46.7N$ and $P= 15.7N$ formula in the study area. Analysis of data shows that the year has significant effects on stem, vegetation and soil bare percentage.

Keywords: Percentage Cover, forage product, *A.lagopideS*, Hamoun wetland.