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Research paper

Effect of Soil Type, Sowing Depth and Irrigation Interval on the Dry Weight of Tabar (*Ipomoea cordofana)* and Siha (*Blepharis persica*) Range Plants

Osman Elbousairi Mohamed

Faculty of Agriculture, Nile Valley University, Sudan.

Corresponding author: bousairiberber@yahoo.com

ABSTRACT

Field experiments were conducted in two successive seasons to investigate the dry weight of two fodder species; *Ipomoea cordofana* (Tabar) and *Blepharis persica* (Siha) as affected by soil types, sowing depth and irrigation intervals. Both species gave high dry weights (for Tabar and Siha, respectively) when grown in soils composed of equal proportions of clay and sand in both seasons. Moreover, irrigation at three weeks intervals also produced higher dry weights for both species compared to other irrigation regimes. In terms of sowing depth, the highest plant dry weight was obtained at 5cm depth for Tabar (*Ipomoea cordofana*) and at 00cm for Siha (*Blepharis persica*).

Keywords: *Ipomoea,* Tabar, *Blepharis,* Siha, dry weight.