

The Effect Of Plant Spacing And Spraying Element Al Humic Acids In Growth

Characteristics And Yield Of The Fenugreek Plant (*Trigonella Foenum-Graecum*)

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ABSTRACT

This study was conducted in Field Crops Research Station in the College of Agriculture - University of Diyala and the agricultural season (2015-2016) and the experimental work involved workers, the first haul of Agriculture (15-20-30 cm) between plants, and the second component spray Al humic concentration (7 and 14 ml / l), the experiment aimed at studying the effect of plant spacing and spraying element Al humic on the characteristics of growth and winning of fenugreek, applied to experiment with the design of randomized complete sectors (Randomized complete Block design) among global traders system with three replicates and the results showed the following: the distances Agriculture significant effect on the traits where it recorded a distance (30 cm) between plants for recipes number of leaves (37.55 leaf/plant) and the number pods (8.66 pods/plant) and weight of 100 seed (1.46 gm) and holds the seeds (9.04 gm/plant) and weight pods (14.00 gm/plant) As results of the experiment showed the superiority of spraying with 14 ml / liter moral qualities plant height (30.66 cm) and the number of branches (6.00 Branch / plant), number of leaves (44.33 leaf / plant) and the number pods (10.22 Pod / plant) and holds the seeds (8.40 gm .plant) pods and weight (13.71 gm .plant) and the number of seeds (11.22 seeds/pods).