

EFFECT OF CHEMICAL FERTILIZERS LEVELS (NPK) ON THE GROWTH AND FLOWERING OF TWO VARIETY OF TULIP (*Tulipa gesneriana*).

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ABSTRACT

The experiment was done in green house (not heated) at the department of Horticulture and landscape / college of Agriculture – University of Tikrit from November 2011 to May 2012 on two varieties of tulip , first Whit lily flowering and second Red Frenged. Different levels of NPK 15:15:15 were used (0 , 80 gm , 120 gm)/m². Randomized complete block design was used with three replications. The results showed that variety Frenged was higher in total plant length , chlorophyll percent , length of flower stalk and diameter; 46.97 cm , 66.51 SPAD , 43.33 cm and 4.63 mm respectively . while fertilizer level F2 was higher in many character is tics of flowering growth as the flower stalk diameter and flower diameter which was 4.41_{mm} and 14.29_{mm} .

Keywords: *Tulipa gesneriana* Tulip, Chemical fertilization .