

RESPONSE YUCCA PLANT TO ADDITION OF SOME ORGANIC FERTILIZERS .

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ABSTRACT

This study was carried out in Plastic house , Horticulture and landscape Design Dept , College of Agriculture and Forestry , Mosul University, to study the effect of three organic fertilizers (Nutrigreen , Vit org , Humi max) on the vegetative growth and chemical content of *Yucca aloifolia* L. plants . Three concentration of fertilizer used (zero , 1 , 2 ml per pot diameter 30 cm) added to the soil . The results refers that the organic fertilizer Humi max was the best than other fertilizers especially on the concentration 2 ml / l on all studies parameters which the total increase on height of stem 8.99 cm , while the total increase on leaves number 17.87 in the end study . The stems diameters of plants were 3.00 cm while the leaves area was 2987.96 cm² in the end of the study . The concentrations percentage reached to 70 % for Chlorophyll and 8.11 % for phosphorus and 4.79 % for nitrogen and 4.54 for potassium in the end of the study .

Key words : Organic fertilization , humimax , yucca fertilization , Nutrigreen , Vit org .