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### Response of vegetative growth of *Codiaeum variegatum* L. for potassium forms

EL-Quesni, F. E. M.\* , Magda M. Kandil and Azza A. M. Mazhar

Ornamental Plants and Woody Trees Dep., National Research Centre, 33 El- Bohouth St., (former El- Tahrir St.,) Dokki, Giza, Egypt. Postal Code: 12622.

**Abstract:** Two pot experiments were carried out at greenhouse of National Research Centre, during 2013 and 2014 seasons . The aim of this work to study the effect of two forms of potassium on vegetative growth parameters of *Codiaeum variegatum* L. plants. The results indicated that potassium chloride fertilizer at the two levels significantly increased plant height, stem diameter, leaves number/plant, fresh and dry weight of branches and roots .Plants treated by 4gm/pot  $K_2SO_4$  significantly increased number of leaves /plant ,root fresh weight . Whereas 2gm/pot  $K_2SO_4$  significantly increased dry weight of leaves, branches and roots . Applying KCl at for mentioned concentrations gave the highest parameters for croton plants.

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