

**THE EFFECT OF PLANT SPACING AND NUMNER OF STEMS PER PLANT ON  
SOME CHARACTERISTICS OF SUNFLOWER FOR  
CUT FLOWERS PRODUCTION .**

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**ABSTRACT**

A research Study was conducted on (*Helianthus annuus L.*) var. Teddy Bear to investigate the affectivity of 3plant spacing (20, 30, 40)cm and number of stems per plant (1, 3, 5) stems on the following characters : number of days to 75% flowering, flower diameter, stem length, stem diameter, fresh weight of the flowering stem.

In the two year results showed that there is a significant effect of plant spacing on all characters studied except number of days to 75% flowering, and flower diameter for first year results.

Number of stems per plant had a significant effects on all characters studied, on the other hand there is no significant effects due to interactions between the two factors studied.