Effect of Growth Regulators/chemicals on Growth and Yield Parameters of Garland Chrysanthemum (*Chrysanthemum coronarium* L.)

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ABSTRACT

There was an increase in the flower yield per plant by the foliar application of growth regulating chemicals, *viz*. GA, CCC, SA and paclobutrazol, when compared to control. There was no addition in the yield of garland chrysanthemum by increasing the concentration of GA beyond 100 ppm. Foliar spray of cycocel at 3000 ppm recorded a higher number of flowers per plant, when compared to other concentrations. SA spray at 100 ppm resulted in significant increase in flower when compared to other concentrations. Paclobutrazol at 40 ppm recorded a higher number of flowers per plant compared to other higher concentrations of 60 and 80 ppm.

Key words : Garland chrysanthemum, Gibberellic acid, Paclobutrazol and Salicylic acid.