Effect of nitrogen levels and gibberellic acid on growth and yield of gerbera under polyhouse condition

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ABSTRACT

The investigation with the intention to study the effect of nitrogen levels and gibberellic acid on growth and yield of gerbera under polyhouse conditions was conducted at Floriculture unit, University Department of Horticulture, Dr.Panjabrao Deshmukh Krishi Vidyapeeth, Akola (M.S.) during June to November 2005. The results revealed that the vegetative growth in respect of height of plant, number of leaves per plant, number of primary roots per plant were increased with increasing levels of nitrogen and gibberellic acid. Maximum growth was obtained with application of 30g nitrogen per square meter per month and 100ppm gibberellic acid at monthly interval.

Key words: Gerbera, Nitrogen, Gibberellic acid, Yield, Quality