

Effect of Nutrition on Vase life of Garland Chrysanthemum (*Chrysanthemum coronarium* L.)

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ABSTRACT

Vase life of cut flowers was significantly influenced by the nitrogen and phosphorus levels. Among the individual effects, the highest vase life was recorded by the application of nitrogen at 150 kg ha⁻¹ (6.8 and 10.8 days), phosphorus at 100 kg ha⁻¹ (6.5 and 10.3 days) and during *kharif* and *rabi* seasons. The interaction between nitrogen and phosphorus was also found to be significant on vase life of flowers. It was also found to be at maximum with nitrogen at 150 kg ha⁻¹ + phosphorus at 100 kg ha⁻¹ closely followed by 150 kg ha⁻¹ dose of both nutrients. The flower quality in terms of size, weight was also found to be at maximum with nitrogen at 150 kg ha⁻¹ + phosphorus at 100 kg ha⁻¹ closely followed by 150 kg ha⁻¹ dose of both nutrients.

Key words : Garland chrysanthemum, Nutrition and Vase life.