Abstract: The results of the experiment indicated that, application of nitrogen @ 300 and 200 kg N/ha significantly improved growth parameters viz., plant height, number of branches per plant and leaf area and yield attributes viz., weight of 10 flowers and diameter of flower, which resultanty gave higher flower yield over control. The results showed that, phosphorus fertilization @ 100 and 75 kg P$_2$O$_5$/ha recorded significantly higher values of growth characters viz., plant height, number of branches per plant and leaf area as well as yield attributes viz., weight of 10 flowers and diameter of flower and ultimately higher flower yield over control. The results revealed that, application of potash @ 75 kg K$_2$O/ha significantly improved growth characters viz., plant height, number of branches per plant and leaf area as well as yield with attributing characters like weight of 10 flowers, which eventually gave higher flower yield over control.

Key words: Gaillardia, NPK Levels, Growth, Yield

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