

Gladiolus

Manuring & Fertilization

Application of fertilizer leads to the formation of healthy and large sized corms, which give large-sized flowers on long spikes during the succeeding year. FYM should only be applied for a preceding crop and never before planting gladioli. Application of fertilizer use should be based on soil analysis. Normally 120 kg N, 150kg P₂O₅ and 150 Kg K₂O per hectare is recommended, of which 60 kg N and entire dose of P₂O₅ and K₂O is applied as basal dose. The balance N is given in two split doses, one as foliar spray at four leaf stage while the second as soil application at the bud stage.

Application of growth regulators mainly GA₃, IAA and NAA as soil drench has beneficial effects on the growth and flowering of plants and induces early flowering.