Effect of spacing on growth and yield of gladiolus

ABSTRACT
An experiment was carried out during the year 2007-08 on gladiolus at Demonstration farm, Marathwada Agricultural University, Parbhani. Gladiolus (var. H.B. Pitt) having spacing 30x15 cm, 30x20 cm, 30x25 cm and 30x30 cm were taken. The result revealed that growth parameters i.e. height of plant (cm) and number of leaves per plant are higher in treatment $S_4$ (30x30 cm). However, total leaf area (cm$^2$) and number of tillers/corm are higher in treatment $S_3$ (30x25 cm). The yield parameters i.e. number of spike/plant, per plot and per hectare were higher in treatment $S_1$ (30x15 cm).

Key words: Spacing, Growth, Yield, Gladiolus