

Path Coefficient Analysis of Floret Diameter with Growth and Floral Characters in Gladiolus

P T Srinivas and L Mukundalakshmi
Citrus Research Station, AICRP, Tirupati, A.P.

ABSTRACT

An experiment was conducted with 12 gladiolus (*Gladiolus x hybridus* Hort.) cultivars under tropical conditions of Tirupati.. It was observed that the floret diameter exhibited a high level of positive and significant correlation with spike diameter, spike neck diameter and corm diameter. Path analysis revealed that spike diameter had greatest positive direct effect on floret diameter in gladiolus.

Key words: *Correlation, Diameter of floret, Gladiolus, Path analysis*