

Study on the best Soil bed of Gladiolus.

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With regards to the importance of organic matter in soil bed of cut flowers as Gladiolus and relatively deficiency organic matter in arid and semi-arid regions, including Iran , the investigation was conducted as follows: Farmyard manure, leaf compost, urban rubbish compost, leaf compost with rice hull , at the rate of 10,10,10,7+7 kgm⁻² respectively. were added to soil and compared with control (without organic matter) on quantitative and qualitative characteristics of Gladiolus in randomized completely block design with four replications.

Totally quality and quantity of flowers in soils, treated with leaf compost, and/or leaf compost with rice hull were higher than the others. they increased stem length of flowers 13.8 and 3, number of floret 37.8 and 31.8, vase life 27.7 and 16.7, weight of corm and cormlet 18.2 and 7.8, and decreased period from planting to flowering 1.4 and 1.8 , percent in comparison with control plot, respectively.