

Among the plant gladiolus corm hybrid – one of the most prone to various diseases flower crops. In our climatic conditions gladiolus hybrid damaged mainly three types of pathogens such as *Fusarium oxysporum* Schl. f. *gladioli* (Mass.) Sn. et Hans, *Botrytis gladiolorum* Timm, *Pseudomonas marginata* (Mc Cull.) Stapp., as well as viruses *Gladiolus mosaic virus* and *Yellow mosaic virus*. Increased susceptibility of plants to disease makes it difficult to introduce into the culture of the corm geophytes in the area of the Lower Volga region. The ways of improving plant resistance to diseases gladioli by various methods, an overview of the literature on this issue.