



Utilizarea biogelului în substratul destinat aclimatizării vitroplantulelor de *Saintpaulia ionantha* la mediul septic de viață

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In this experiment we proposed to test the efficiency of few variants substratum, as: V0 - substratum consisted by .Top soil., as standard lot; V1 . mixture consisted in.Top soil. With biogel (5 g); V2 - mixture consisted in .Top soil. with zeolite 1:1 and biogel (5 g); V3 . mixture consisted in sand with zeolite 1:2 and biogel (5 g); V4 - mixture consisted in perlite with zeolite 1:1 and biogel (5 g); V5 - mixture consisted in perlite and biogel (5 g). The substratum volume of each variants was 2. 000 cm³. The biogel is poliacrylamid granules and as long as it is hydrated, it has a large capacity for adsorbing water, making possible an easy exchange, between biogel and plantlets rootlets. The optimum substratum of *Saintpaulia ionantha* vitroplantlets acclimatization, in any experiments, proved that the perlite with biogel mixture (V3 work variant) was the best in sustaining the plants growth.