

Simple in vitro culture training (home industry scale) for multiplication of orchid seedlings for DIY orchid farmers

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ABSTRACT

The purpose of this community service about "Simple in vitro culture training (home industry scale) for the multiplication of orchid seedlings for DIY orchid farmers" is to increase the understanding of trainees about the basic principles of in vitro orchid culture techniques and train / improve community skills in conducting in vitro culture techniques. The method used in this activity is giving material (tutorial), practice, and observing the results of practice. Preparatory activities were carried out at the Plant Tissue Culture Laboratory, Department of Biology Education, FMIPA, UNY; while the implementation of the activities was carried out integrated with Festival Anggrek Vanda tricolor (FAVt) 2018 in Taman Anggrek Titi Orchid. The training was successfully implemented with the fulfillment (even exceeding) the target participants (33 participants). Participants' understanding of the basic principles of the technique of in vitro culture increased from 49% (before training) to 81% (after training), while the success rate of practice was still low.

Kata Kunci: in vitro culture, orchid's seeds, overplanting, Perhimpunan Anggrek Indonesia (PAI)