

TRAINING AND ACCOMPANIMENT OF ORCHID CULTIVATION AS THE RESULTS OF IN VITRO CULTURE OPTIMIZATION RESEARCH FOR TEACHERS AND STUDENTS OF SMP NEGERI 5 SEMARANG

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ABSTRACT

The aim of community service on training and mentoring of orchid cultivation in vitro culture optimization research results for teachers and students of State Junior High School 5 Semarang is to increase understanding of concepts, processes, and tools and materials in orchid cultivation both for teachers and students. The method used in this activity is the provision of material (about the cultivation and business potential of orchids), practices (about vegetative propagation, maintenance, crossing and acclimatization) and observing the results of the practice. Activities were carried out at SMP Negeri 5 Semarang and attended by 20 teachers and 30 students. The results of the training were analyzed based on the pretest and posttest scores, questionnaires / monitoring sheets and activity reports. The analysis showed that there was an increase in understanding of concepts, processes and tools and materials in orchid cultivation both for teachers and students.

Kata Kunci: *orchids, cultivation, propagation, crossing, acclimatization*