Abstrak

Pitcher plant (Nepenthes spp.) known as carnivorous plant that has a pitcher with a variety of shapes and colors that are quite interesting. The appeal of this plant have been inviting many people to explore and exploit of the original habitat in many parts of the country. As a result of some species of unique plant has entered the endangered category. To control and regulate trading, all species of Nepenthes has been included in the list of Appendix I and II of CITES. Center for Plant Conservation, Bogor Botanical Garden has sought ex-situ conservation some species of nepenthes and 5 species to be propagate in vitro. The fifth species in N. Ampullaria, Gracilis, Nepenthes sp., N. Papuana, and N. Rafflesiana. The research of the nepenthes species ranging from seeds being, buds initiation, induced of the pucther formation, acclimatization as well as packaging of the product will be outlined in this paper.