

Efek NAA dan BAP terhadap Pembentukan Tunas, Daun, dan Tinggi Tunas Stek Mikro *Nepenthes ampullaria* Jack.

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Abstract	<p>This study aimed to know the interaction between NAA and BAP as well as to obtain the best combination of both treatments in promoting the growth of <i>Nepenthes ampullaria</i> microcutting. An experiment arranged in a factorial Randomized Complete Block Design (RCBD) was applied. Stem segments were used as blocks, where block I was the first segment followed by the next two segments as block II and III respectively. Two factors, i.e. NAA concentrations (0, 5, 10, 15 μM) and BAP concentrations (0, 9, 18, 27 μM) were employed giving rise to 16 combination of treatments. Each treatment combination was replicated three times resulting in 48 experimental units. The parameters measured were date of shoot initiation, date of root initiation, shoot number, leaf number, root number, length of longest leaf and shoot height. The results showed that interaction between NAA and BAP in promoting <i>N. ampullaria</i> microcutting growth was observed. A combination between NAA of 0 μM and BAP of 18 μM was found to be the best in promoting <i>N. ampullaria</i> microcutting growth. Meanwhile, combination between NAA 0 μM and BAP 27 μM was recommended to promote shoot number of <i>N. ampullaria</i>.</p>
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