

Effect of Coconut Water in Extending the Vase Life of Anthurium Cut Flower Variety Wild Pink

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ABSTRACT. *Effects of coconut water on vase life of Anthurium cut flowers was investigated. Freshly cut Anthurium (wild pink variety) flowers were used in the experiments. The flowers were treated with 40, 50 and 60% fresh coconut water solutions. Distilled water and 5% sucrose was used as control and standard, respectively. All treatments inclusive of standard and control contained 0.23% NaOCl as a biocide. Each treatment contained six samples and experimental setup was arranged in Completely Randomized Block Design (CRBD). All treatments were applied as direct dip method (DD), oasis block method (OB) and cotton plug method (CP). The flowers were assessed daily for any impaired conditions such as browning, wilting and rotten stem bases. The vase life was recorded in days. Flowers treated with 50% coconut water with 0.23% NaOCl recorded the the longest vase life (21 days) compared with control and other treatments. Therefore, 50% coconut water with 0.23% NaOCl has the potential to be used as a preservative medium for Anthurium cut flowers.*