

Title Effect of 1-MCP on displayed life of orchid hybrid “*Mokara Jairak Gold*” inflorescences

Author Honghem S., Bunyakitjinda V., Uthairatanakij A. and Obsuwan K.

Citation Agricultural Science Journal, Vol. 38 No.5 (Suppl.) 2007. p 70-73.

Keywords displayed life; bud wilting; pollen cap; ethylene; cut-orchid

Abstract

1- Methylcyclopropene (1-MCP) gas inhibits ethylene action in many plants. The objective of this study was to investigate an effect of 1-MCP on the postharvest quality and displayed-life of *Mokara Jairak Gold*. Sprays of *Mokara Jairak Gold* with 2-5 flower buds were harvested. They were placed in sealed plastic containers and fumigated with 1-MCP at 0 (control), 250, 500 and 1,000 ppb for 1.5 h at 25 °C, and then held in distilled water. Sprays treated with 1-MCP had longer displayed life (compared to the control) but there was not significant difference between treatments.