

Title Effect of 1-MCP, MAP, KMNO₄ and combinations on shelf life and eating quality of anamur banana (*Musa sp. dwarf cavendis*)

Author Ihsan Canan, Hasan Pınar, Osman Gulsen, Cenap Yılmaz and Tayfun Agar

Citation Abstracts Book, 6th International Postharvest symposium, 8-12 April 2009, Antalya, Turkey. 256 pages.

Keyword Banana; 1-MCP; MAP; KMNO₄

Abstract

In this research were investigated the effects of MAP, 1-MCP, KMNO₄, 1-MCP+MAP, KMNO₄+MAP as postharvest applications on shelf life of Anamur banana (*Musa sp. dwarf cavendish*). Applications were done after the degreening with 1000 ppm ethylene at 20°C. 1-MCP +MAP combination was the best result. MAP was effected specially decreasing weight loss and combination was effective than the control up to two times (%12 control, %5MAP 1-MCP) and 1-MCP kept the firmness and combination was approximately effective three times (1,33 control, 7 MAP 1-MCP). The shelf life of banana as the results of quality evaluation panel deal with this project with adult man, women and children were 8 days while combination 16 days.