

Title Browning inhibition of fresh-cut 'Anjou', 'Bartlett', and 'Bosc' pears.
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Abstract

Treatments to inhibit browning and maintain quality of fresh-cut Anjou, Bartlett and Bosc pears (*Pyrus communis*) were developed. Slices of Anjou, Bartlett and Bosc pears (firmness 22, 36, and 22 N, respectively) were dipped in solutions of 4-hexylresorcinol, isoascorbic acid, N-acetylcysteine, and potassium sorbate prior to storage in air for up to 14 days at 5 deg C. Inhibition of browning without loss of firmness and with no microbial growth was achieved for the three cultivars for 14 d. Inhibition of browning during 14 d of storage at 5 deg C was not affected by initial firmness (21-52 N) of Anjou pear slices.