

Title Postharvest quality of organic baby corn treated with ascorbic acid and its derivatives
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Abstract

Baby corns (*Zea mays* L.) were treated with ascorbic acid and its derivatives (ascorbic acid, ascorbic acid 2-phosphate and isoascorbate) in a concentration-dependent manner up to 1%. They were dipped in each solution for 2 min and wrapped with PVC film prior to storage at 4°C for 8 days. The treatments did not produce changes in weight loss and total sugar content. Phenolic content was significantly different on day 2 of storage. However, the ascorbic acid treatment presented the lowest Coliforms, Yeast and Mold. The results suggest that the ascorbic acid and isoascorbic acid could be used to maintain the quality of baby corn by reducing coliforms, yeast and mold.