

**Title** Control of gray mold of grape by *Hanseniaspora uvarum* and its effects on postharvest quality parameters

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### Abstract

The potential of antagonist P-2 for controlling postharvest gray mold decay of grape berries and their effects on postharvest quality of fruits was investigated. The results showed that antagonist P-2 at  $1 \times 10^8$  CFU ml<sup>-1</sup> completely inhibited the gray mold decay after 4 days, significantly inhibited the spore germination and lesion diameters of *Botrytis cinerea* in vitro, reduced the natural decay development of grape berries, and did not impair quality parameters, including TSS (total soluble solids), ascorbic acid, and titratable acidity. Moreover, the results of ITS (internal transcribed spacer) analysis indicated that antagonist P-2 belonged to *Hanseniaspora uvarum*.

<http://www.springerlink.com/content/wgn358663w1760n1/fulltext.pdf>