

**Title** Efficacy of *Candida oleophila* strain 182 in preventing *Penicillium expansum* infection of nectarine fruits

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#### **Abstract**

The potential of the yeast *Candida oleophila* for postharvest control of *Penicillium expansum* infection on nectarines was assessed on wound-inoculated fruits held at 20°C, or at 0°C in either air or controlled atmosphere storage. In addition, the efficacy of a prestorage dip with a yeast suspension, the fungicide dicloran, or a combination of the two, for controlling natural infections following storage was examined. *C. oleophila* reduced the level of infection caused by *P. expansum* in harvested nectarines. The yeast's effectiveness was not reduced by controlled atmosphere storage or by application together with the commercial fungicide dicloran.