

Title Induced resistance: potential for control of postharvest diseases of horticultural crops
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Abstract

This review briefly discusses some of the characteristics of the induced resistance phenomenon, outlines some of the advantages and limitations to its implementation and provides some examples within a postharvest pathology context. Some approaches being investigated by the fruit pathology team at the Department of Primary Industries (DPI) Indooroopilly and collaborators are outlined. The types of resistance activators (including plant defence active activators, microorganisms, microbial products or byproducts, plant extracts and synthetic chemicals that have no direct pesticidal activity) are differentiated. Considerations for the implementation of induced resistance in postharvest horticulture and the work in progress at DPI and University of Queensland (investigations on induced resistance to postharvest diseases and activation of defences in mango) are also discussed.