Title Chemotherapeutic control of post-harvest decay of kinnow mandarin and lemon caused by *Aspergillus niger*

Author Ilyas M.B., Randhawa M.A. and Naveed T.

Citation Pakistan Journal of Phytopathology, 18(2),p. 156-160, 2006.

Keywords *Citrus reticulata*; *Citrus limon*; Postharvest decay; *Aspergillus niger*; In vitro experimentation; Fungicides; Application rates; Disease control; Postharvest control

Abstract

The mycelial, growth of A. niger was found to be most sensitive to Rubigon and Tilt, intermediate to Thiabendazole, least sensitive to Daconil and insensitive to Antracol, Calixin M, Calixin, Nimrod and Polyram-combi fungicide. In controlling Aspergillus decay Rubigon was found to be most effective as dip treatment for Kinnow fruits while Tilt was the most effective as dip treatment for lemon fruits. There was an increased reduction in percent fruit decay and lesion size with an increase in Tilt concentration. The lower concentration of Tilt, which was not effective for kinnow fruit decay, was quite effective for controlling lemon fruit decay.