

## STUDY OF IN VITRO GROWTH TEMPERATURES OF *TRICHODERMA* SPP. AND *ROSELLINIA NECATRIX* ISOLATES. EVALUATION OF ANTAGONISM THROUGH DUAL CULTURES

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The optimum temperatures for *in vitro* growth of eight monoconidic *Trichoderma* isolates and 57 mass isolates of *Rosellinia necatrix* have been studied. These isolates were plated in PDA and incubated in darkness, at 15°C, 20°C, 25°C 30 °C (for *R. necatrix*) and at 10°C, 15°C, 20°C, 25°C, 30°C 35°C (for *Trichoderma* spp.), obtaining an optimum growth temperature of 25°C, for all the isolates of the two fungi studied.

Dual cultures between the eight isolates of the antagonist and 13 representative isolates of the pathogen have been carried out in Petri plates with PDA, incubating those at the optimum growth temperature obtained previously. All isolates of the antagonist, except the CH-252, limited the growth of the pathogen, showing little variation in the inhibition for each isolate of the antagonist over different isolates of the pathogen.