

In vitro evaluation of fungicides against *Fusarium oxysporum* f. sp *ciceri*

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Abstracts

Sensitivity of *Fusarium oxysporum* f. sp *ciceri* isolated from infected chickpea plants to nine fungicides viz; antracol, benlate, captan, cobox, dithane M-45, pentachloro nitro benzene (PCNB), ridomil, sancozeb and trimiltox-forte @ 50, 100 and 150 ppm was studied. The most effective fungicide in inhibiting growth of the fungus was benlate followed by dithane M-45, sancozeb, ridomil and antracol. Benlate completely inhibited the fungal growth at all the tested concentrations whereas dithane M-45, ridomil, antracol and cobox were the most effective at 150 ppm. PCNB, captan and trimiltox forte were comparatively less effective fungicides while remaining displayed intermediate effectiveness.

Key words: *Fusarium oxysporum* f.sp. *ciceri*, wilt, fungicides, effectiveness, mycelial growth.