

INVESTIGATIONS ON FUNGICIDAL SENSITIVITY OF *SCLEROTIUM ROLFSII* (COLLAR ROT PATHOGEN) IN TUBEROSE

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ABSTRACT

Six fungicides namely tilt (*propioconazole*), OPUS (*epoxiconazole*), Calixin (*tridemorph*), Indofil M-45 (*mancozeb*), Blitox-50 (*Copper oxychloride*) and Bavistin (*Carbendazim*) were evaluated against *Sclerotium rolfsii* causing collar rot of tube rose. At one hour of dipping of sclerotia in *propioconazole* significantly reduced the germination of sclerotia (26.7%). *Carbendazim* affected the germination but *mancozeb* could not reduce the germination. In *in vivo* evaluation of fungicides least mortality was found in *propioconazole* followed by *epoxiconazole*.

KEYWORDS: Investigations on Fungicidal Sensitivity of *Sclerotium Rolfsii* (Collar Rot Pathogen) In Tuberose