

EFFECT OF WEEDICIDES ON COLLAR ROT IN TUBE ROSE

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ABSTRACT

Out of different commercial flower tube rose is an important flower plant of our country earning a lot of revenue and trade. Of different diseases affecting tube rose cultivation, collar rot induced by *Sclerotium rolfsii* Sacc. is an important soil borne disease causing devastating losses. In the present study, the sensitivity of the collar rot pathogen was investigated. Out of weedicides such as Basalin, Stump, Delchloro, Ronstar and insecticides Furadon in four concentration like 0.5,1.0,1.5,2.0 %, Ronstar (Oxydiazon) was found highly inhibitory to *S. rolfsii*. The highest percent of mycelia inhibition (99%) was noted in 2% concentration of weedicides followed by 1.5%.

KEYWORDS: Weedicides, Tube Rose