

Efficacy of fungicidal management of *Alternaria burnsii* causing blight of cumin

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ABSTRACT : A study has conducted at Department of Plant Pathology, JNKVV College of Agriculture Jabalpur on In vitro evaluation of new molecules of fungicides against *Alternaria burnsii*, causal agent of *Alternaria* blight of cumin. All of them evaluated through poison food test. Among the systemic fungicides, Hexaconazole completely inhibited the growth of mycelial even at all concentrations followed by Difenoconazole and Difenoconazole (Nm)** Tebuconazole, Carboxin, (100%) respectively were most effective, which inhibited 100 % mycelial growth. Among the non systemic fungicides, Mancozeb was also most effective, which inhibited 100% mycelial growth and were found on par.

Key Words : Cumin (jeera), (*Cuminum cyminum* L.), alternaria blight, fungicides, *in vitro* evaluation.