

EFFICACY OF CERTAIN FUNGICIDES AND BIOAGENTS AGAINST ANGULAR LEAF SPOT OF COTTON (*GOSSYPIUM HIRSUTUM* L.) UNDER FIELD CONDITIONS

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Received-17.02.2015, Revised-04.03.2015

Abstract : An experiment was conducted during *kharif* season of 2011-12 central research plot of SHIATS. To find out the efficacy of certain fungicides and bio-agents against *Xanthomonas campestris pv malvacearum* of cotton different treatment of Bordeaux mixture, Neem cake, *Pseudomonas fluorescens*, Streptomycin, *Bacillus subtilis*, Mancozeb, Carbendazim was used as foliar spray. Result that the foliar spray of Streptomycin @ 0.025% was found most effective in reducing the disease severity (17.03%) at 120 DAS, (18.67%) 150 DAS, (20.59%) at 180 DAS and increased yield (29.10 q/ha) at harvest.

Keyword : *Xanthomonas campestris pv. malvacearum*, Fungicides, Bio-agents

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