Efficacy of Fungicides and Bioagents Against *Colletotrichum gloeosporioides* Causing Blight In *Piper longum*

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International Journal of Plant Protection, Vol. 2 No. 1 : 63-66 (April to September, 2009)

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SUMMARY

Among chemicals, mancozeb + carbendazim (0.2%) was found most effective in inhibiting 96.26 per cent growth of *Colletotrichum gloeosporioides* followed by carbendazim (0.1%) 68.34 per cent, mancozeb (0.25%) 67.51 per cent and copper oxychloride (0.3%) 64.88 per cent. Among the bioagents, *Trichoderma viride* was found effective with 70.42 per cent growth inhibition. In field experiment, spraying of mancozeb + carbendazim (0.2%) was found effective with 33.38 per cent disease control followed by carbendazim (0.1%), copper oxychloride (0.3%) and *Trichoderma viride* (6 x 10^7 CFU/ml) 30.95, 30.10 and 28.46 per cent disease control.

Key words : Fungicides, Bioagents, *Colletotrichum gloeosporioides, Piper longum.*

Accepted :
February, 2009