

SYMPTOMS AND MANAGEMENT OF ALTERNARIA BLIGHT OF INDIAN MUSTARD (*BRASSICA JUNCEA*)

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Abstract: Mustard is the major oilseed crop in the world. Many biotic and abiotic stresses are liable for reducing quantity and quality of mustard crop. Among biotic stress, Alternaria blight is one of the most destructive fungus disease of mustard which caused by *Alternaria brassicae* and *Alternaria brassicicola*. The symptoms of *A. brassicae* appear on whole parts of plant viz., leaves, stems and pods. The PBR-97 variety showed early symptoms at 21 days after sowing (DAS) whereas, Giriraj showed the late symptoms at 34 DAS. Mancozeb show the maximum diameter of zone of inhibition at different concentration (125, 250, 500, 1000 ppm) followed by ridomil and carbendazim. *Allium sativum* give best and swift result than *Azadirachta indica*. Botanical control is the alternative approach for management of disease that is eco-friendly and reduces the harmful impact on human and animal health.

Keywords: Alternaria blight, *Alternaria brassicae*, Fungicides, Management, Mustard

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