

Alternaria Leaf Spot of Blackgram and its Management

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ABSTRACT

Field experiments were carried out during *kharif* and *rabi* 2018-19 at Regional Agricultural Research Station, Lam, Guntur, for the management of *Alternaria* leaf spot caused by *Alternaria alternata* (Fr.) Keissler of blackgram. A total of ten treatments were imposed in the form of seed treatment (ST), foliar spray (FS) and in combination with both seed treatment and foliar spray (ST + FS). All the chemicals evaluated were found to be superior over check in terms of reducing disease severity and increasing seed yield in both the seasons. The lowest PDI with maximum seed yield during *kharif* and *rabi* were recorded in the plots where seed treatment with mancozeb (@ 0.25%) followed by two sprays of trifloxystrobin + tebuconazole (@ 0.05%) was done.

Keywords: *Alternaria leaf spot, foliar spray, fungicides, management, PDI, seed treatment and yield.*