



RESEARCH PAPER

Field evaluation of different fungicides against rust and powdery mildew disease of blackgram (*Vigna mungo* L.)

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Abstract : Taqat 75 WP is a new combination product of captan 70 per cent (contact) and hexaconazole 5 per cent (Systemic) proved effective against fungal diseases of blackgram *i.e.* rust and powdery mildew diseases. Hence, in the present study, taqat 75 WP was evaluated in comparison to other commonly used fungicides against foliar disease of blackgram. A field experiment was conducted at farmers field of Gariyaband district of Chhattisgarh state during *Kharif* 2013 and 2014 to evaluate the efficacy of taqat 75 WP against foliar fungal disease of blackgram. The results revealed that taqat 75 WP @ 750 g ha⁻¹ was highly effective in controlling the incidence of rust and powdery mildew in blackgram. Results also revealed that taqat 75 WP @ 750 g ha⁻¹ increased the seed yield and yield attributing characteristics like number of pods plant⁻¹, number of seeds pod⁻¹ and 1000 seed weight.

Key Words : Blackgram, Fungicides, Foliar fungal disease, Powdery mildew, Rust

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