

Pyraclostrobin: a new quinone outside inhibitors fungicides for Cercospora leaf spot of Groundnut

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Early and late leaf spot disease caused by *Cercospora arachidicola* Hori and *Cercosporidium personatum* (Berk. and Curtis) Deighton are major foliar diseases of groundnut. The field experiment on effect of the pyraclostrobin 20% WG against leaf spot of groundnut was conducted during the *rabi* season of 2016-17 and 2017-18. The level of disease control provided by all the treatments was significantly higher than nontreated plots in both years. Considering both year together, at the end of disease assessment i.e. fifteen days after the fourth spray the lowest disease severity was recorded in T₃ (41.11%) followed by T₅ (42.03%) which are statistically at par. Disease incidence was also statistically at par in treatment T₄ and T₅. The highest pod yield was also recorded in T₃ followed by T₅. Any phytotoxicity was not noticed in all the treatments using pyraclostrobin.

Key words: Groundnut, leaf spot, management, pyraclostrobin
