

EVALUATION OF SOYBEAN CULTIVARS FOR RESISTANCE TO ALTERNARIA LEAF SPOT CAUSED BY *ALTERNARIA ALTERNATA*

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Abstract: The present study was undertaken to study Biology and Management of *Alternaria* leaf spot of soybean caused by *Alternaria alternata*, as the disease is quite destructive in all the soybean growing areas. The field experiment was conducted two consecutive years *Khari* season 2018 and 2019 at Department of Plant Pathology, Rajasthan College of Agriculture, Udaipur. Ten cultivars of soybean were screened for these diseases under artificial inoculated field conditions and results revealed that 3 cultivars namely (JS-9305, JS-9752 and RVS 2002-04) exhibited moderately resistant (MR) reaction, while 5 cultivars viz. JS-2029, RKS-18, RKS-113, JS-9560 and RKS-45 exhibited moderately susceptible (MR) reaction. Rest of cultivars viz. RKS-24 and JS-335 showed susceptible (S) reaction.

Keywords: *Alternaria* leaf spot, Cultivars, Resistance, Soybean

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