

YIELD LOSS ASSESSMENT OWING TO ALTERNARIA BLIGHT OF FENNEL AND ITS MANAGEMENT

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Abstract: An effort was made to estimate avoidable loss due to Alternaria blight. Pooled analysis of two years data revealed that maximum disease intensity (82.58 %) was recorded in inoculated control with 8.63 q/ha seed yield. Two sprays of mancozeb @ 0.25 % at 14 days interval with initiation of disease was most effective and significantly reduced disease intensity (64.43 %) over inoculated control and with 92.87 per cent increased seed yield, thus showing 48.15 per cent avoidable yield loss. Single spray of mancozeb @ 0.25 % was also able to increase seed yield by 26.41 per cent.

Keywords: Alternaria blight, Fennel, Yield, PDI

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