

RESEARCH NOTE

Effect of pathogenic seed mycoflora of ajwain (*Trachyspermum ammi* L.) on volatile oil content of seeds

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ARTICLE INFO

Received : 02.07.2012

Accepted : 08.05.2013

Key Words :

Ajwain, Seed mycoflora, Agar plat test,
Volatile oil contents

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ABSTRACT

The estimation of deteriorative effect of seed mycoflora on volatile oil contents of ajwain seeds, samples collected at post-storage (just before next sowing) stage were isolated using blotter and agar plate methods. Two separate inoculations were made with seven different mycoflora and seed inoculated with *Drechslera australiensis* showed increase in per cent volatile oil content. Seed inoculated with rest of the fungi viz., *Aspergillus flavus*, *Aspergillus niger*, *Aspergillus ochraceous*, *Drechslera australiensis*, *Fusarium sporotrichioides*, *Rhizopus oryzae* and *Trichoderma viride* showed reverse/equal in per cent volatile oil contents of seeds.

How to view point the article : Lal, Ram, Khokhar, M.K., Shekhawat, K.S. and Gupta, Renu (2013). Effect of pathogenic seed mycoflora of ajwain (*Trachyspermum ammi* L.) on volatile oil content of seeds. *Internat. J. Plant Protec.*, 6(2) : 473-475.
