

Detection of seed mycoflora associated with Indian bean cultivars

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ABSTRACT

Seed mycoflora detected in agar plate method was *Rhizopus stolonifer*, *Fusarium oxysporum*, *Curvularia lunata*, *Aspergillus niger*, *Aspergillus flavus*, *Alternaria alternata* and *Penicillium* sp. in five different Indian bean cultivars. Overall 5.35 to 23.94 per cent seeds showed various seed mycoflora. *Aspergillus niger* developed maximum colonies and *Penicillium* sp. the least. Similarly seed mycoflora was detected in blotter paper method, 13.49 to 35.90 per cent seeds showed various seed mycoflora. *Aspergillus niger* developed maximum colonies and *Rhizopus stolonifer* the least. Per cent seed mycoflora was high in blotter paper method compared to agar plate method.

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