

Table 1. Seed borne mycoflora of Pomegranate (*Punica granatum* L.).

Name of fungi	Sterilized seeds						Non sterilized seeds					
	Agar method		Blotter method		Deep freezing		Agar plate		Blotter method		Deep freezing	
	NSI	I% ± SD	NSI	I% ± SD	NSI	I% ± SD	NSI	I% ± SD	NSI	I% ± SD	NSI	I%±SD
<i>Alternaria tenuissima</i>	1	0.04 ± 0	-	-	-	-	-	-	-	-	-	-
<i>Aspergillus clavatus</i>	3	1.38 ± 8.75	6	0.66 ± 2.73	2	0.16 ± 1.41	4	1.6 ± 18.3	3	0.92 ± 5.20	1	0,08 ± 0
<i>A. candidus</i>	-	-	1	0.08 ± 0	-	-	-	-	-	-	-	-
<i>A. flavus</i>	12	11.8 ± 23.3	10	22.04 ± 29.5	9	12.5 ± 31.23	12	13.75 ± 25.7	11	21.3 ± 29.8	9	13.96 ± 35.69
<i>A. fumigatus</i>	1	0.083 ± 0	-	-	-	-	1	0.041 ± 0	-	-	-	-
<i>A. flavipes</i>	7	1.41 ± 4.6	6	3.29 ± 14.3	4	0.92 ± 5.7	7	1.5 ± 5.52	6	1.29 ± 4.1	5	0.54 ± 1.52
<i>A. niger</i>	12	38.4 ± 47.7	12	40.45 ± 35.5	12	18.20 ± 35.8	12	55.33 ± 44.82	11	43.41 ± 51.98	12	19.3 ± 23.72
<i>A. ochraceus</i>	1	0.583 ± 0	-	-	1	0.083 ± 0	1	0.16 ± 0	-	-	1	0.166 ± 0
<i>A. ristricus</i>	-	-	1	0.041 ± 0	-	-	-	-	1	0.041 ± 0	-	-
<i>A. terreus</i>	-	-	-	-	-	-	-	-	1	0.041 ± 0	-	-
<i>A. ustus</i>	2	0.083 ± 0	1	0.37 ± 0	3	0.92 ± 4.93	1	0.125 ± 0	1	0.75 ± 0	1	0.21 ± 0
<i>A. wentii</i>	6	1.79 ± 5.46	3	1.08 ± 10.6	3	1.71 ± 13.20	6	1.87 ± 5.9	1	1.46 ± 0	5	1.12 ± 4.98
<i>Cladosporium cladosporioides</i>	-	-	-	-	1	0.04 ± 0	-	-	-	-	-	-
<i>Drechslera australiensis</i>	1	0.04 ± 0	-	-	-	-	-	-	-	-	-	-
<i>Fusarium oxysporum</i>	-	-	-	-	1	0.08 ± 0	-	-	-	-	-	-
<i>Fusarium solani</i>	-	-	-	-	1	0.04 ± 0	-	-	-	-	-	-
<i>Geotricum candidum</i>	-	-	-	-	1	0.083 ± 0	-	-	-	-	1	0.25 ± 0
<i>Mucor hienalis.</i>	3	0.25 ± 1	4	1.29 ± 4.5	6	5.04 ± 41.15	5	1.54 ± 10.45	4	1.66 ± 5.35	6	1.66 ± 3.93
<i>Paecilomyces variotii</i>	1	0.416 ± 0	3	1.92 ± 17.89	2	0.88 ± 0.7	1	0.041 ± 0	3	1.71 ± 13.2	1	0.58 ± 0
<i>Penicillium</i> sp.	1	0.041 ± 0	-	-	-	-	-	-	-	-	-	-
<i>Rhizopus stolonifer</i>	-	-	1	0.25 ± 0	1	0.45 ± 0	1	0.16 ± 0	1	0.92 ± 0	1	0.88 ± 0
<i>Trichoderma harzianum</i>	2	0.625 ± 4.94	-	-	-	-	3	0.92 ± 2.3	-	-	-	-
<i>Trichoderma viride</i>	-	-	-	-	1	0.041 ± 0	-	-	-	-	-	-

NSI= Number of sample infected; I%= Infection percentage; SD= Standard deviation