10.1071/BT24006

Australian Journal of Botany

Supplementary Material

Fungi associated with seeds of the invasive grass *Nassella trichotoma* (serrated tussock) in its native range as prospective biological control agents

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Table S1. Analysis of Variance on the number of retrieved seeds from incubated bags considering the effect of season incubation period (S, spring or autumn) and seed condition (SC, germinated, disintegrated, damaged and healthy). MQ: mean sum of square; d.f.: degrees of freedom.

Source of variation	d.f.	MQ	F	P
Season (S)	1	1.23	0.01	0.936
Seed Condition (SC)	3	710.49	3.80	0.019
SxSC	3	786.09	4.21	0.013
Error	32	186.83		

Table S2. Analysis of Variance on the germination percentage considering the effect of season incubation period (S, spring or autumn) and seed condition (SC, control, disintegrated, damaged and healthy). MQ: mean sum of square; d.f.: degrees of freedom.

Source of variation	d.f.	MQ	F	P
Season (S)	1	249.19	0.86	0.362
Seed Condition (SC)	3	7486.94	25.85	<0.001
SxSC	3	449.23	1.55	0.224
Error	27	289.67		

Table S3. Sterile mycelia damaged seeds and/or found on the seed coats.

Mycelia	Frequency of appearance	Comments Colonies growing on PDA	Season
Sterile mycelium 1	Rare	Isolated from disintegrated seed. Chestnut to rust hairy colonies.	Spring
Sterile mycelium 2	Rare	Isolated from disintegrated seed. Ochreous to cinnamon appressed colonies.	Spring
Sterile mycelium 3	Rare	Isolated from a seed with dark brown mycelia White cottony colonies.	Spring
Sterile mycelium 4	Rare	Isolated from seed with dark brown mycelia Sepia cottony colonies	Spring
Sterile mycelium 5	Rare	Isolated from a seed with dark brown mycelia. White to sulphur yellowish cottony colonies.	Spring
Sterile mycelium 6	Rare	Isolated from a pink spotted seed. Slow-growing ochreous powdery colonies.	Spring
Sterile mycelium 7	Rare	Isolated from a black spotted seed. Buff to rosy buff cottony colonies.	Autumn