

Table 6. Efficacy of seed treatment fungicides in preventing seed transmission of *Cylindrocladium parasiticum* in speckled peanut seed of VA 98R in the greenhouse.

Treatment and rate (g ai/kg seed)	% emergence ^a	CBR (0-3) ^b	Root decay (0-5) ^c	Root assay (% positive) ^d	Fresh weight (g)	
					Roots	Total
captan 1.13 g, pcnb 0.38 g, carboxin 0.25 g	88 ab	0.9 d-f	2.4 d-g	52 b-f	8.9 ab	64.6 a
captan 0.94 g	96 ab	0.5 ef	2.5 d-g	44 c-f	8.8 ab	71.4 a
captan 1.88 g	76 a-d	1.0 c-f	3.0 c-f	52 b-f	8.2 a-c	66.6 a
experimental LS 176 0.22 g	88 ab	0.5 ef	1.4 gh	28 fg	8.7 ab	69.6 a
experimental LS 176 0.44 g	80 a-c	0.6 ef	1.7 f-h	32 e-g	9.8 ab	70.0 a
trifloxystrobin 0.2 g	76 a-d	1.0 c-f	2.9 c-f	40 c-g	6.6 a-d	51.1 ab
trifloxystrobin 0.4 g	76 a-d	0.8 d-f	2.8 d-g	40 c-g	7.2 a-c	61.5 ab
difenoconazole 0.12 g, mefenoxam 0.01 g	72 a-e	1.2 b-e	3.4 a-e	72 a-e	5.5 b-d	49.7 ab
difenoconazole 0.24 g, mefenoxam 0.02 g	68 b-e	1.1 c-f	3.2 b-e	68 a-f	5.6 b-d	47.8 ab
fludioxonil 0.05 g	84 ab	0.9 d-f	2.3 e-h	32 e-g	7.7 a-c	60.2 ab
fludioxonil 0.1 g	68 b-e	1.0 c-f	2.2 e-h	28 fg	8.1 a-c	56.9 ab
azoxystrobin 0.16 g	80 a-c	1.2 b-e	2.7 d-g	68 a-f	5.8 b-d	49.5 ab
azoxystrobin 0.33 g	92 ab	1.0 c-f	3.1 b-f	64 a-f	6.6 a-d	53.1 ab
tebuconazole 0.05 g	84 ab	0.9 d-f	2.4 d-g	36 d-g	8.1 a-c	58.9 ab
tebuconazole 0.1 g	100 a	0.1 f	0.9 h	0 g	10.6 a	75.9 a
thiophanate methyl 0.22 g	36 f	2.0 a-c	4.2 a-c	96 a	4.1 c-e	32.0 bc
thiophanate methyl 0.44 g	48 d-f	1.7 a-d	3.5 a-e	76 a-d	6.3 a-d	48.2 ab
thiabendazole 0.05 g	44 ef	2.4 a	4.4 ab	96 a	2.3 de	15.8 c
thiabendazole 0.09 g	48 d-f	2.6 a	4.8 a	92 ab	1.1 e	9.3 c
untreated check	52 c-f	2.1 ab	3.8 a-d	80 a-c	4.2 c-e	34.0 bc

^a Plants were counted at 19 days after planting (DAP).

^b Scale: 0=healthy, 1=stunted, 2=wilted, 3=dead. Non-emerged plants were rated 3. Ratings were taken at 74 DAP.

^c Scale: 0=healthy, 5=completely decayed. Non-emerged plants were rated 5.

^d Roots were assayed on a selective medium. Percentages are based on the number of roots positive for *C. parasiticum* of a potential 25 plants. Non-emerged plants were considered positive.

Means followed by the same letter(s) are not significantly different according to Duncan's new multiple range Test ($P=0.05$).