

Table 8. Plant populations, CBR incidence, percentage of taproots colonized by *Cylindrocladium parasiticum* and yield of peanuts in field plots planted in 1999 with fungicide-treated speckled seed (40% w/w) of VA-C 92R.

| Treatment and rate ^a | Plants/m of row ^b | CBR ^c | | Root assay ^d (% pos.) | Yield ^e (kg/ha) |
|--|------------------------------|------------------|--------|----------------------------------|----------------------------|
| | | Sep 9 | Oct 5 | | |
| captan 1.13 g, pcnb 0.38 g, carboxin 0.25 g (S) .. | 8.9 ab | 0.8 b | 5.3 bc | 0 c | 4462 a |
| tebuconazole 0.025 g (S) | 6.9 c | 2.3 ab | 4.0 bc | 8 ab | 4211 ab |
| captan 0.84 g, pcnb 0.28 g, carboxin 0.19 g, tebuconazole 0.025 g (S) | 7.9 b | 2.0 ab | 4.5 bc | 7 ab | 4337 ab |
| LS 193 2.5 g (S) | 8.2 ab | 3.8 a | 6.8 ab | 12 a | 4281 ab |
| LS 193 + LS 176 2.5 g (S) | 9.2 a | 4.3 a | 10.3 a | 5 bc | 4071 bc |
| captan 1.13 g, pcnb 0.38 g, carboxin 0.25 g (S) + tebuconazole 227 g (F) | 8.2 ab | 0.3 b | 2.0 c | 1 c | 4393 ab |
| captan 1.13 g, pcnb 0.38 g, carboxin 0.25 g (S) + azoxystrobin 153 (F) | 8.2 ab | 0.0 b | 4.8 bc | 3 bc | 4421 a |
| fludioxonil 0.05 g, mefenoxam 0.04 g (S) | 8.9 ab | 0.3 b | 2.0 c | 0 c | 4225 ab |
| untreated | 6.2 c | 0.8 b | 4.0 bc | 4 bc | 3890 c |

^a Rate is g a.i./kg seed for fungicides applied to seed (S) and g/ha for in-furrow treatments (F).

^b Determined from counts of two, 9.1-m rows per plot on 2 June. Planting date was 10 May.

^c Data represent number of symptomatic and/or dead plants per two-row plot.

^d Data are percentage recovery of *C. parasiticum* from 25 taproots selected at random from plants in each plot. Taproots were assayed with a selective isolation medium.

^e Yields are based on weight of peanuts with 7 % moisture.

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