

Table 20. Least square means for percentage wilted plants and defoliation ratings in a Verticillium infested soil for entries in the 2012 RBTN trial conducted at Halfway, TX¹. (Cooperator:Jane Dever)

Cultivar	Wilted Plants [†]	Defoliation [‡] on
	Aug 27	Sept 18
	%	Rating
Acala 1517-08	2.50	0.90
Ark 0403-3	3.50	0.90
Ark 0409-16	2.75	0.83
Ark 0409-17	4.25	0.84
Arkot 0407-4	6.25	1.00
Arkot 0410-32	5.75	1.10
AU90810	4.25	1.05
AU90915	4.25	0.83
AU91111	5.00	0.85
AU91215	7.25	0.98
AU91411	8.25	0.93
Barbren 713	3.50	0.90
DP 393	7.00	1.01
FM 958 (sus ck)	3.50	0.88
GA 2004143	4.25	0.85
GA 2008057	4.50	0.83
GA 2008083	5.00	1.00
GA 2009100	1.75	0.80
LA08310066	2.25	0.85
MD 10-5	5.25	0.90
MD 26ne	1.25	0.85
MD 87	4.50	0.55
NC11AZ01	3.00	0.92
NM11Q1008	4.00	0.85
NM11Q1157	3.00	0.93
PD05064	2.50	0.93
PD05071	5.75	0.93
PD05074	4.50	0.90
PD06001	4.75	1.05
PD06078	3.00	0.78
SG 105	4.25	0.95
TAM 06WE-62-1	5.25	0.78
Tamcot 73	5.25	1.03
Mean	4.30	0.90
LSD (.05)	3.36	0.27
CV(%)	55.58	21.33
R-Square	0.43	0.40
Reps	4	4

¹Extremely dry conditions resulted in limited development of Verticillium wilt symptoms

[†] Percentage wilted plants = total wilted plants / 22 ft plot length.

[‡] Rated for defoliation on September 22 on a scale of: 0 (no defoliation), 1 = 1 leaf to < 33% defoliation, 2 = 33 - 66% defoliation, and 3 = > 66% defoliation. Ratings recorded for plants in the area of each pace while walking the length of the plot. All ratings within a plot were averaged to produce a single rating per plot.