

Table 17. Percentage of plants with Verticillium wilt and defoliation symptoms for entries in the 2022 RBTN grown in a Verticillium infested soil<sup>1</sup> at Halfway, Texas (Cooperator:Jane Dever).

Entry	Designation	Verticillium Wilt <sup>2</sup>	Defoliation <sup>3</sup>
		%	%
18	CSX5432	0.3	21.5 i
17	OA-22-3	4.6	22.7 i
16	OA-22-2	0.4	30.1 hi
14	TAM 17 WSE-68	1.5	40.0 gh
13	TAM 17 WSE-66	4.6	40.4 gh
12	TAM 17 WSG-51	3.6	40.5 gh
11	TAM 17 WSH-12	7.1	45.0 fgh
19	MS 2010-87-37	4.6	45.5 e-h
28	UA 222 CK	10.4	46.7 d-h
4	Ark 1414-43	4.1	51.2 c-g
5	Ark 1414-47	4.9	51.2 c-g
27	FM 958 CK	6.5	53.6 b-g
15	OA-22-1	4.7	54.9 a-g
22	MS 2010-96-8	8.3	55.4 a-g
26	DP 493 CK	6.4	55.7 a-g
10	TAM 18 SHA-27	3.4	56.2 a-g
7	Ark 1406-21	1.9	58.3 a-f
9	TAM 17 SHK-43	12.3	58.7 a-f
3	Ark 1414-28	14.3	60.8 a-f
24	MS 2010-28-27	12.3	61.6 a-f
20	MS 2010-87-42	11.4	62.0 a-e
21	MS2010-87-44	9.7	63.2 a-d
1	AU72028	6.3	64.4 abc
6	Ark 1410-32	8.1	67.0 abc
25	DP 393 CK	18.4	67.0 abc
23	MS 2010-66-16	23.4	67.4 abc
2	AU90098	8.9	69.0 ab
8	Ark 1410-56	12.6	71.5 a
	<b>Mean</b>	7.7	52.9
	<b>Entry (P&gt;F)</b>	0.0001	0.0001
	<b>MSD (0.05)</b>	8.9	16.7
	<b>Reps</b>		

Means followed by the same letter are not significantly different according to Waller-Duncan's k-ratio t test (P=0.05).

<sup>1</sup> Trial was planted May 17, 2022

<sup>2</sup> Percentage of plants exhibiting symptoms of Verticillium wilt recorded on September 6, 2022.

<sup>3</sup> Percentage of plants exhibiting defoliation symptoms recorded on September 27, 2022.

Considered as the best indicator of response to verticillium wilt, mean separation is included with defoliation percentages.