Verticillium wilt variety test results, 2012

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There were six locations planted in 2012, all with a history of Verticillium wilt. Each site was planted with 32 entries, in plots that were 36 ft. long and 2 rows wide, with four replications per variety, arranged in a randomized complete design. The hot weather in 2012 resulted in little to no wilt at three of the six sites, so the three sites that had sufficient wilt to impact yield will be presented. These sites are Floydada, Plainview, and Garden City. The results were remarkably similar in terms of the top yielding varieties at each site. The following varieties yielded in the top five at each of the Verticillium wilt sites that they were planted: Fibermax (FM) 2484B2F, FM 2011GT, FM 9170B2F, BX 1347GLB2, and NexGen 4111RF.

Table 1: Effect of variety in a Verticillium wilt trial in Floydada on yield and wilt.

Variety[a]	Yield x loan	Lbs of Lint/ Acre	Plants/ Ft. of row	%Wilt On 28 Aug.	Defol-ation on 7 Sept.[b]	Turnout	Loan ($/lb)
FM 2484B2F	801	1711	3.58	27.6	0.95	0.2875	0.46800
FM 9170B2F	795	1665	3.55	40.2	0.99	0.2875	0.47750
BX 1347GLB2	763	1613	3.84	20.1	1.16	0.2727	0.47325
FM 2011GT	732	1551	3.47	32.7	1.82	0.2868	0.47175
FM 9160B2F	706	1455	3.20	39.7	1.09	0.2803	0.48500
DG 4	698	1535	3.54	46.0	1.46	0.2645	0.45475
FM 1740B2F	693	1472	3.34	39.2	1.65	0.2956	0.47075
NG 4111RF	692	1475	3.24	45.2	1.20	0.2693	0.46900
DP 1219B2RF	661	1414	3.40	40.7	1.61	0.2705	0.46725
FM 9250GL	658	1451	3.41	37.5	1.73	0.2680	0.45325
NG 3348B2RF	654	1464	3.06	36.4	1.33	0.2736	0.44700
DG 3	650	1295	3.28	37.8	1.92	0.2707	0.50225
NG X00012	633	1232	3.07	55.6	1.80	0.2689	0.51350
AT C253B2RF	620	1392	3.64	53.5	2.20	0.2798	0.44575
FM 9180B2F	614	1325	3.17	45.7	1.28	0.2584	0.46300
DP 0912B2RF	595	1304	3.30	45.0	1.77	0.2764	0.45625
ST 4288B2F	595	1268	3.54	34.6	1.53	0.2391	0.46925
DP 104B2RF	584	1305	3.36	45.2	1.52	0.2503	0.44725
DP 1212B2RF	582	1226	3.38	46.4	2.55	0.2571	0.47450
NG 1511B2RF	573	1249	3.34	50.6	1.86	0.2740	0.45825
PG 367WRF	567	1302	3.56	38.6	1.60	0.2555	0.43450
FM 9103GT	559	1262	3.33	49.5	1.88	0.2431	0.44325
DP 0949B2RF	553	1219	3.47	37.6	1.97	0.2713	0.45350
AM1550B2RF	542	1266	3.39	41.1	2.12	0.2513	0.42850
AT RapidB2RF	537	1245	3.55	38.8	2.05	0.2565	0.43100
NG 2051B2RF	533	1217	3.20	51.4	1.34	0.2268	0.43850
DG 10	517	1203	3.60	50.2	2.20	0.2593	0.43000
AT 789381RF	514	1152	3.05	60.3	1.78	0.2582	0.44675
DG 2	511	1124	2.71	50.8	1.90	0.2520	0.45450
AT C106466B2RF	505	1176	3.63	56.5	1.97	0.2418	0.42975
DG 8	501	1123	3.51	48.0	2.39	0.2531	0.44575
DG 7	491	1107	3.57	41.9	2.13	0.2588	0.44300
Minimum Significant Difference (0.05)	48	105	0.20	12.5	0.55	0.019	0.049

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.

[b]The defoliation goes from 0 (no defoliation), 1 = 1/3 or less of plant is defoliated, 2 = 1/3 – 2/3 of plant is defoliated, and 3 = > 2/3 of plant is defoliated.

Table 2. HVI ratings for varieties in a Verticillium wilt trial in Floydada.

Variety[a]	Micronaire	Length	Uniformity	Strength	Elongation	Rd	+b	Leaf
AM1550B2RF	2.50	1.045	77.15	26.40	9.30	81.1	8.6	2.0
AT 789381RF	2.35	1.115	77.75	27.75	9.20	81.8	7.6	4.0
AT C106466B2RF	2.30	1.080	76.80	27.00	8.05	81.7	7.6	4.0
AT C253B2RF	2.70	1.095	78.50	30.15	8.85	82.2	8.0	4.5
AT RapidB2RF	2.80	1.125	81.40	32.40	9.50	79.2	7.0	6.0
BX 1347GLB2	2.70	1.135	78.45	28.65	7.35	82.9	7.2	3.5
DG 2	2.40	1.125	78.65	29.75	8.50	81.8	7.8	3.5
DG 3	3.00	1.140	80.40	30.90	8.45	82.7	7.7	3.5
DG 4	2.35	1.145	79.55	32.20	9.20	82.3	7.7	4.0
DG 7	2.50	1.080	77.85	27.55	8.75	81.8	7.9	3.5
DG 8	2.35	1.085	77.75	28.20	9.55	81.1	8.2	3.5
DG 10	2.10	1.070	76.85	26.80	10.25	81.5	8.4	2.5
DP 0912B2RF	2.55	1.080	78.60	29.95	9.30	81.3	8.2	3.5
DP 0949B2RF	2.45	1.080	79.20	28.40	9.25	81.9	7.9	2.5
DP 104B2RF	2.55	1.090	80.25	31.30	9.90	80.8	7.8	4.0
DP 1212B2RF	2.40	1.130	80.20	31.30	10.10	80.4	8.1	3.0
DP 1219B2RF	2.45	1.105	76.40	29.30	8.30	82.3	8.4	1.5
FM 1740B2F	3.00	1.040	78.00	28.05	8.85	82.0	7.6	2.0
FM 2011GT	2.80	1.110	78.80	30.25	8.25	82.1	7.6	3.5
FM 2484B2F	2.60	1.125	77.60	29.50	7.80	83.8	7.5	2.0
FM 9103GT	2.35	1.115	77.50	29.50	8.20	81.3	7.7	4.0
FM 9160B2F	2.60	1.110	79.25	28.85	7.85	83.2	7.6	2.0
FM 9170B2F	2.55	1.145	79.45	31.10	7.90	83.5	7.2	2.5
FM 9180B2F	2.55	1.135	79.10	31.50	8.40	82.6	7.4	3.5
FM 9250GL	2.60	1.075	78.05	29.35	7.55	82.9	7.6	2.0
NG 1511B2RF	2.50	1.095	79.65	30.20	9.90	81.1	8.0	3.5
NG 2051B2RF	2.75	1.100	77.65	27.35	8.15	80.7	7.4	5.5
NG 3348B2RF	2.95	1.110	80.10	30.15	8.55	79.6	7.8	5.5
NG 4111RF	2.55	1.075	78.25	30.90	9.40	81.2	8.5	2.0
NG X00012	2.95	1.110	79.70	28.70	9.90	82.2	8.4	2.0
PG 367WRF	2.50	1.065	77.75	27.50	9.45	78.5	8.5	3.5
ST 4288B2F	2.90	1.085	78.90	28.55	9.15	80.9	8.2	3.5
Minimum Significant Difference (0.05)	0.44	0.051	NS[b]	2.45	0.55	1.94	0.38	2.4

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.

[b] NS = not significant.

Table 3. Effect of variety in a Verticillium wilt trial in Plainview on yield and wilt.

Variety[a]	Yield X Loan ($/a)	Lbs of Lint/ Acre	Plants/ Ft. of row	%Wilt On 13 Aug.	Defol-ation on 5 Sept.[b]	Turnout	Loan Value ($/lb)
FM 2484B2F	947	1,673	2.87	10	0.27	0.302	0.566
FM 9180B2F	829	1,455	2.41	20	0.40	0.281	0.570
NG 4111RF	812	1,425	1.45	28	0.61	0.281	0.570
FM 2011GT	810	1,540	2.68	17	0.79	0.306	0.526
FM 9250GL	757	1,443	2.49	16	0.83	0.284	0.525
FM 1944GLB2	738	1,373	2.06	23	0.56	0.275	0.537
BX 1348GLB2	704	1,267	2.06	24	0.61	0.268	0.555
FM 9160B2F	698	1,232	1.67	15	0.58	0.280	0.567
NG 3348B2RF	696	1,281	1.89	14	0.59	0.288	0.543
DG 9	696	1,251	2.34	18	0.77	0.281	0.556
DP 1219B2RF	687	1,304	2.18	19	0.83	0.277	0.527
FM 1740B2F	680	1,310	2.31	24	0.70	0.287	0.519
AT EdgeB2RF	650	1,267	3.05	23	0.82	0.263	0.513
BX 1346GLB2	641	1,240	1.95	19	0.75	0.280	0.517
NG 2051B2RF	635	1,206	2.41	18	0.64	0.247	0.526
DP 1212B2RF	623	1,225	2.69	23	1.49	0.284	0.509
DP 104B2RF	620	1,254	2.26	21	0.55	0.250	0.494
DP 0912B2RF	614	1,184	1.69	28	0.84	0.276	0.518
AT C202B2RF	608	1,125	1.97	25	0.75	0.267	0.540
DG 3	596	1,141	1.86	32	1.17	0.258	0.522
PG 367WRF	562	1,157	2.13	23	0.77	0.256	0.486
DP 0949B2RF	556	1,167	2.08	25	0.85	0.270	0.476
AT 10WR585RF	545	1,000	1.05	36	0.57	0.287	0.545
DG 1	543	977	1.39	33	0.87	0.257	0.556
NG 1511B2RF	543	1,088	1.98	23	1.03	0.269	0.499
DG 2	533	957	1.09	42	0.93	0.292	0.557
DG 5	533	1,046	1.31	36	0.83	0.277	0.509
DG 6	522	1,025	2.04	34	0.99	0.278	0.509
FM 9103GT	520	1,048	1.29	28	0.70	0.258	0.496
AT RapidB2RF	487	982	2.48	23	1.70	0.255	0.496
AM 1550B2RF	428	1,023	2.29	26	1.31	0.254	0.419
AT 91139B2RF	363	772	1.03	55	1.30	0.257	0.470
Minimum Significant Difference (0.05)	70	134	0.4	9	0.31	0.023	0.057

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.

[b]The defoliation goes from 0 (no defoliation), 1 = 1/3 or less of plant is defoliated, 2 = 1/3 – 2/3 of plant is defoliated, and 3 = > 2/3 of plant is defoliated.

Table 4. HVI ratings for varieties in a Verticillium wilt trial in Plainview.

Variety[a]	Micronaire	Length	Uniformity	Strength	Elongation	Rd	+b	Leaf
AM 1550B2RF	2.75	1.015	78.15	27.95	9.50	78.00	8.65	3.00
AT 10WR585RF	3.40	1.120	79.45	29.10	8.75	79.65	8.05	1.50
AT 91139B2RF	2.65	1.120	79.30	28.10	9.05	79.45	7.50	2.50
AT EdgeB2RF	3.35	1.130	80.80	31.35	9.15	76.70	7.65	4.00
AT RapidB2RF	3.40	1.110	82.65	32.25	10.00	75.10	7.10	3.50
AT C202B2RF	3.55	1.145	81.35	33.00	8.95	79.15	7.25	2.00
BX 1346GLB2	3.05	1.120	80.00	32.25	10.05	78.75	8.40	1.50
BX 1348GLB2	3.35	1.180	82.10	29.95	7.70	80.20	7.80	1.00
DG 1	3.50	1.120	82.45	32.90	8.75	79.50	7.35	2.50
DG 2	3.40	1.145	82.00	32.00	8.90	80.00	7.80	2.00
DG 3	3.10	1.165	82.05	32.65	8.70	80.70	7.40	2.00
DG 5	2.90	1.135	81.05	29.70	9.75	80.55	8.10	1.50
DG 6	3.15	1.080	79.45	28.30	10.35	79.05	8.35	1.00
DG 9	4.05	1.080	81.75	31.90	8.55	78.80	8.00	1.50
DP 0912B2RF	3.65	1.055	80.25	29.65	9.85	77.90	8.10	2.00
DP 0949B2RF	2.85	1.090	80.00	30.65	9.85	79.90	8.15	2.50
DP 104B2RF	3.05	1.095	81.00	31.15	10.70	77.70	7.65	4.00
DP 1212B2RF	3.30	1.090	80.20	31.25	11.30	75.40	8.60	2.50
DP 1219B2RF	3.15	1.115	78.30	32.40	9.25	81.00	8.40	1.00
FM 1740B2F	3.20	1.075	80.10	30.55	9.45	79.50	7.80	2.00
FM 1944GLB2	3.25	1.170	81.60	31.05	8.55	80.95	7.20	2.00
FM 2011GT	3.50	1.090	79.50	30.20	8.75	78.50	7.65	1.50
FM 2484B2F	3.55	1.190	80.50	31.50	8.90	81.70	7.75	1.00
FM 9103GT	2.80	1.105	79.35	31.00	8.30	79.40	7.95	2.00
FM 9160B2F	3.50	1.155	83.00	31.45	8.40	79.85	7.65	2.00
FM 9180B2F	3.70	1.150	81.50	32.35	9.15	78.85	7.25	2.50
FM 9250GL	3.35	1.095	80.25	31.20	8.20	79.40	7.70	2.00
NG 1511B2RF	3.15	1.055	81.00	31.40	10.70	76.45	8.40	2.00
NG 2051B2RF	4.00	1.080	80.40	28.05	8.90	77.20	7.40	3.50
NG 3348B2RF	3.75	1.090	82.35	31.20	9.20	76.10	8.45	2.50
NG 4111RF	3.60	1.110	81.70	31.90	9.30	78.50	8.85	1.50
PG 367WRF	2.80	1.090	79.35	31.10	9.65	77.90	8.75	2.00
Minimum Significant Difference (0.05)	0.74	0.032	2.63	1.83	0.54	2.11	0.60	2.26

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.

Table 5. Effect of variety in a Verticillium wilt trial in Garden City on yield and wilt.

Variety[a]	Yield X Loan	Lbs of Lint/ Acre	Plants/ Ft. of row	%Wilt On 21 Aug.	Defol-ation on 12 Sept.[b]	Turnout	Loan ($/lb)
FM 2484B2F	1,363	2,454	3.43	7	0.79	0.285	0.556
FM 2011GT	1,357	2,501	3.18	17	1.31	0.316	0.542
NG 4111RF	1,353	2,386	2.61	19	1.50	0.283	0.567
FM 9170B2F	1,321	2,365	2.82	15	1.05	0.284	0.559
FM 9250GL	1,228	2,263	3.05	15	1.50	0.269	0.543
BX 1347GLB2	1,227	2,390	3.52	8	1.05	0.292	0.514
FM 2989GLB2	1,226	2,224	2.63	21	1.38	0.274	0.551
FM 9160B2F	1,213	2,273	2.94	14	1.01	0.293	0.534
NG 4012B2RF	1,170	2,186	2.83	15	1.53	0.283	0.536
AT CR253B2RF	1,158	2,218	2.76	19	1.54	0.250	0.522
AT Nitro-44B2RF	1,126	2,133	2.68	18	1.50	0.282	0.528
DP 0935B2RF	1,124	2,054	2.79	23	2.01	0.291	0.548
FM 1944GLB2	1,102	2,082	2.91	15	1.58	0.280	0.529
FM 9180B2F	1,094	2,114	2.81	21	1.37	0.264	0.518
DP 1137B2RF	1,062	1,939	2.58	28	1.78	0.303	0.548
DP 1133B2RF	1,052	1,989	1.97	34	1.66	0.293	0.529
BX 1346GLB2	1,049	2,039	2.76	26	2.11	0.269	0.515
DP 1050B2RF	1,034	1,835	2.21	36	1.80	0.303	0.564
DP 1044B2RF	1,030	1,987	2.94	19	1.74	0.259	0.493
DP 1032B2RF	1,019	1,872	2.09	34	1.93	0.294	0.545
BX 1348GLB2	994	1,949	3.10	20	1.70	0.279	0.510
FM 8720GLB2	986	1,858	2.89	10	1.35	0.275	0.531
PG 499WRF	943	1,798	3.07	23	1.81	0.278	0.525
NG X00012	937	1,694	1.94	48	1.80	0.303	0.553
DG 8	930	1,742	2.95	22	2.07	0.270	0.534
DP 1252B2RF	929	1,750	2.05	41	1.82	0.305	0.531
DP 0912B2RF	923	1,750	2.22	27	1.83	0.282	0.528
PG 375WRF	918	1,736	2.48	21	2.13	0.273	0.529
DG 10	915	1,690	3.12	31	2.08	0.279	0.541
DP 1048B2RF	914	1,671	2.40	29	1.82	0.283	0.547
AM 1550B2RF	835	1,684	2.85	25	2.44	0.264	0.498
AT CR106466B2RF	777	1,641	2.94	20	1.66	0.311	0.474
Minimum Significant Difference (0.05)	108	203	0.34	9	0.4	0.037	0.053

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.
[b]The defoliation goes from 0 (no defoliation), 1 = 1/3 or less of plant is defoliated, 2 = 1/3 – 2/3 of plant is defoliated, and 3 = > 2/3 of plant is defoliated.

Table 6. Effect of variety on HVI ratings in a Verticillium wilt field in Garden City.

Variety[a]	Micronaire	Length	Uniformity	Strength	Elongation	Rd	+b	Leaf
AM 1550B2RF	3.40	1.050	78.60	28.00	9.65	75.6	7.90	2.0
AT CR106466B2RF	3.30	1.060	77.55	27.90	8.90	74.8	7.65	2.5
AT CR253B2RF	4.75	1.050	80.35	28.25	9.70	77.2	7.80	1.0
AT Nitro-44B2RF	3.60	1.195	82.30	32.45	10.40	74.8	7.80	3.0
BX 1346GLB2	3.35	1.100	80.65	30.85	10.40	74.7	7.90	2.0
BX 1347GLB2	4.20	1.070	77.20	26.05	7.75	74.5	7.55	3.5
BX 1348GLB2	3.65	1.105	79.15	27.65	9.40	75.4	7.65	3.0
DG 10	3.60	1.135	81.15	29.25	9.50	75.2	7.55	2.0
DG 8	3.45	1.095	80.35	29.85	11.00	75.6	8.75	1.0
DP 0912B2RF	3.85	1.055	79.55	29.25	10.20	75.4	7.90	2.5
DP 0935B2RF	3.95	1.075	80.50	29.35	10.15	77.1	8.25	2.0
DP 1032B2RF	3.90	1.075	79.85	28.80	9.35	77.3	8.30	1.5
DP 1044B2RF	3.55	1.090	80.95	30.30	10.40	73.4	7.55	4.5
DP 1048B2RF	3.50	1.125	82.00	29.25	10.75	76.5	8.00	2.0
DP 1050B2RF	3.95	1.105	80.25	28.15	10.50	76.3	8.45	1.5
DP 1133B2RF	4.40	1.070	79.80	29.25	11.35	75.8	8.00	2.0
DP 1137B2RF	4.15	1.075	82.00	28.00	10.70	77.5	8.10	1.5
DP 1252B2RF	4.30	1.070	80.85	27.90	11.30	74.8	8.75	1.0
FM 1944GLB2	3.80	1.100	79.05	27.45	8.85	76.3	6.75	2.0
FM 2011GT	3.90	1.105	81.20	30.65	9.00	75.3	7.70	1.5
FM 2484B2F	3.85	1.170	80.55	30.50	8.70	77.8	7.25	2.0
FM 2989GLB2	4.30	1.105	81.55	30.10	8.15	76.3	7.80	2.5
FM 8720GLB2	3.30	1.105	79.65	29.95	8.85	77.2	7.45	1.5
FM 9160B2F	3.75	1.105	80.80	28.20	8.30	76.7	7.45	2.0
FM 9170B2F	3.85	1.165	81.30	30.90	8.75	77.3	7.45	2.5
FM 9180B2F	3.80	1.105	80.30	30.05	9.60	76.3	7.70	2.5
FM 9250GL	3.60	1.090	79.70	29.00	8.65	75.8	8.10	1.5
NG 4012B2RF	3.95	1.065	79.80	29.05	8.85	77.2	8.00	1.5
NG 4111RF	3.85	1.105	82.25	32.85	10.15	76.0	8.75	1.5
NG X00012	3.95	1.090	80.55	27.60	11.35	77.5	8.40	2.0
PG 375WRF	3.70	1.075	80.95	30.00	8.85	76.4	7.90	2.0
PG 499WRF	3.60	1.110	81.55	31.30	10.70	75.1	8.10	2.5
Minimum Significant Difference (0.05)	0.73	0.059	2.59	2.66	1.36	NS	0.98	2.7

[a]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.
[b] NS = not significant.

Table 7. Relative[a] (Rel.) value, yield, wilt, and defoliation (Defol) for varieties tested in Plainview, Floydada, and Garden City in 2012.

Variety[b]	Rel. Value	Rank Value	Rel. Yield	Rank Yield	Rel. Wilt	Rank Wilt	Rel. Defol	Rank Defol
FM 2484B2F	1	1	0.994	1	0.261	2	0.287	1
FM 9170B2F	0.955	2	0.945	2	0.442	11	0.348	2
FM 2011GT	0.922	3	0.943	3	0.405	6	0.570	21
NG 4111RF	0.905	4	0.889	5	0.553	30	0.481	8
BX 1347GLB2	0.901	5	0.934	4	0.205	1	0.380	3
FM 2989GLB2	0.877	6	0.872	7	0.532	26	0.496	12
DG-4	0.843	7	0.885	6	0.558	33	0.753	48
FM 9250GL	0.841	8	0.872	8	0.410	9	0.594	25
NG 4012B2RF	0.836	9	0.857	9	0.409	8	0.558	18
FM 9160B2F	0.836	10	0.832	13	0.406	7	0.394	4
FM 9180B2F	0.815	11	0.830	15	0.522	24	0.434	5
FM 1944GLB2	0.808	12	0.833	12	0.454	12	0.517	14
AT Nitro-44 B2RF	0.803	13	0.836	10	0.462	13	0.547	16
FM 1740B2F	0.803	14	0.830	14	0.497	19	0.561	19
DP 0935B2RF	0.802	15	0.804	18	0.575	35	0.757	49
NG 3348B2RF	0.787	16	0.819	16	0.386	4	0.467	7
DP 1219B2RF	0.786	17	0.812	17	0.466	14	0.593	24
DG-9	0.786	18	0.777	23	0.578	36	0.829	53
AT CR253B2RF	0.786	19	0.835	11	0.594	39	0.685	44
DP 1137B2RF	0.757	20	0.758	26	0.673	43	0.660	35
BX 1348GLB2	0.751	21	0.775	24	0.513	22	0.556	17
DP 1133B2RF	0.749	22	0.778	21	0.789	51	0.611	28
BX 1346GLB2	0.738	23	0.784	20	0.532	27	0.681	43
AT Edge B2RF	0.738	24	0.787	19	0.508	20	0.605	26
DP 1050B2RF	0.736	25	0.716	35	0.845	54	0.671	38
DP 1044B2RF	0.733	26	0.777	22	0.492	17	0.646	33
DG-3	0.732	27	0.728	31	0.762	50	0.681	42
DP 1032B2RF	0.725	28	0.731	29	0.797	52	0.723	47
ST 4288B2F	0.714	29	0.729	30	0.391	5	0.544	15
NG X00012	0.713	30	0.684	41	0.912	55	0.659	34
DP 1212B2RF	0.704	31	0.733	28	0.548	28	0.970	57
DP 104B2RF	0.703	32	0.765	25	0.520	23	0.492	11
FM 8270GLB2	0.701	33	0.726	32	0.300	3	0.486	10
AT CR202B2RF	0.693	34	0.702	37	0.554	31	0.566	20
DP 0912B2RF	0.689	35	0.723	34	0.605	40	0.645	32
NG 2501B2RF	0.680	36	0.725	33	0.551	29	0.485	9
PHY 499WRF	0.669	37	0.702	38	0.559	34	0.673	39
PHY 367WRF	0.661	38	0.735	27	0.484	15	0.575	23
DP 1252B2RF	0.659	39	0.683	42	0.939	56	0.679	41
NG 1511B2RF	0.655	40	0.699	39	0.589	38	0.703	45
PHY 375WRF	0.651	41	0.677	43	0.526	25	0.807	52

Table 7. cont.

Variety[b]	Rel. Value	Rank Value	Rel. Yield	Rank Yield	Rel. Wilt	Rank Wilt	Rel. Defol	Rank Defol
DP 0949B2RF	0.650	42	0.714	36	0.492	18	0.668	37
DP 1048B2RF	0.648	43	0.651	51	0.699	45	0.676	40
FM 9103GT	0.635	44	0.691	40	0.621	41	0.609	27
DG-10	0.633	45	0.675	45	0.428	10	0.575	22
DG-8	0.628	46	0.662	47	0.511	21	0.777	50
AT 10WR585RF	0.627	47	0.627	54	0.747	48	0.460	6
DG-1	0.625	48	0.614	56	0.699	46	0.637	30
DG-5	0.614	49	0.655	50	0.579	37	0.517	13
AT 789381RF	0.613	50	0.661	48	0.816	53	0.641	31
DG-2	0.612	51	0.623	55	0.687	44	0.794	51
AT Rapid B2RF	0.604	52	0.666	46	0.487	16	0.936	56
DG-6	0.603	53	0.642	52	0.757	49	0.614	29
DG-7	0.583	54	0.635	53	0.715	47	0.705	46
AM 1550B2RF	0.581	55	0.675	44	0.554	32	0.866	54
AT CR106466B2RF	0.575	56	0.657	49	0.624	42	0.664	36
AT 91139B2RF	0.435	57	0.491	57	1.099	57	0.900	55

[a]Every variety in each test is placed in a 0 to 1 scale, where the actual yield is divided by the highest mean yield for a variety at that site, or the highest wilt value, or the highest defoliation value. A ranking of 1 is the best and 57 is the worse.

[b]AM=Americot, AT = All Tex, BX = Experimental for Bayer CropScience, DP=Deltapine, DG = DynaGro, FM = Fibermax, NG = NexGen, PG=Phytogen, ST = Stoneville.