

# 2009 Verticillium wilt trial results

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**Table. 1 Effect of cultivars on Verticillium wilt, defoliation, yield, and plant stand near Plainview.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint/ acre	Incidence of wilt on		Defoliation <sup>c</sup>	Plants/ Ft. row
			7 Aug.	26 Aug		
NG 3348B2RF	701	1,471	7	16	2.8	2.3
ST 4288B2RF	624	1,358	6	20	2.9	2.8
NG 2549B2RF	618	1,424	6	24	2.8	2.4
DP 104B2RF	612	1,372	4	19	3.0	2.7
FM 1740B2F	571	1,289	8	26	2.7	2.5
NG 3410RF	566	1,276	7	26	2.9	2.4
FM 9160B2RF	561	1,289	6	21	2.3	2.0
FM 9180B2RF	543	1,312	4	26	2.7	2.4
DP 0912B2RF	524	1,222	8	31	2.8	2.0
AFD 5065B2F	522	1,122	6	26	2.8	1.8
DP EXP	500	1,219	8	31	3.0	2.5
NG 1551RF	499	1,015	5	23	2.8	2.3
NG 8021RF	481	1,161	10	37	2.6	1.1
PG 367WRF	475	1,185	6	21	2.8	2.7
DP 0920B2RF	470	1,124	7	22	2.6	1.8
PG 375WRF	459	1,179	5	26	2.9	2.5
ST 4554B2RF	436	1,054	10	26	2.8	2.2
AT Summitt B2RF	433	1,062	10	33	2.9	1.6
DP 0924B2RF	372	919	12	37	2.8	1.5
NG 1556RF	371	787	10	37	2.9	1.9
AM 1504B2RF	369	958	7	31	2.9	1.9
PG 315RF	358	995	7	31	2.9	1.5
NG 3331B2RF	356	926	8	36	3.0	2.2
AT Marathon B2RF	319	855	9	36	2.8	1.5
NG 1572RF	314	865	17	49	3.0	2.0
DP EXP	304	743	12	38	2.8	1.5
BAYER EXP	300	789	4	36	2.8	1.1
NG 723RF	290	730	17	38	2.6	0.8
NG 3538RF	260	691	13	42	2.7	1.1
NG 3273B2RF	234	654	16	44	2.9	1.0
DP EXP	218	698	11	43	3.0	1.6
DP 1050B2RF <sup>d</sup>	212	610	18	51	2.9	1.5
LSD (0.05)	110	231	7	14	0.1	0.5

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, AM=Americot, CG = Cropland Genetics, DP = Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 to 67% defoliation, and 3 > 67% defoliation.

<sup>d</sup>This cultivar is listed as mid to full season for its maturity and was not appropriate for a short season site.

**Table 2. Effect of cultivars on fiber properties in a test near Plainview.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic<sup>b</sup></b>	<b>Length</b>	<b>Unif<sup>c</sup></b>	<b>Strength</b>	<b>Elon<sup>d</sup></b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
AFD 5065B2F	0.519	3.15	1.150	81.6	31.75	8.80	3.0	80.5	6.5
AM 1504B2RF	0.457	2.65	1.090	80.5	27.10	9.00	3.5	82.3	7.1
AT Marathon B2RF	0.453	2.45	1.095	78.9	26.40	8.85	3.5	81.9	7.0
AT Summitt B2RF	0.472	2.70	1.073	80.1	27.07	9.10	2.7	82.7	7.2
BAYER EXP	0.469	2.40	1.125	79.2	27.40	7.65	2.0	82.6	7.6
DP EXP	0.467	2.65	1.110	79.2	27.15	8.65	3.5	81.4	7.7
DP EXP	0.503	2.90	1.120	79.5	29.27	8.80	2.0	82.2	7.5
DP EXP	0.411	2.65	1.060	79.1	26.45	9.10	4.0	80.5	7.6
DP 104B2RF	0.495	3.00	1.135	81.4	31.65	9.35	4.0	78.7	7.1
DP 1050B2RF <sup>e</sup>	0.460	2.50	1.085	79.2	25.75	9.40	2.5	83.0	7.6
DP 0912B2RF	0.485	2.83	1.090	80.3	28.97	8.47	3.3	80.6	7.7
DP 0920B2RF	0.480	2.83	1.100	79.3	26.83	8.87	3.3	80.2	7.4
DP 0924B2RF	0.480	3.00	1.105	80.4	28.80	8.85	4.0	80.3	7.0
FM 1740B2F	0.497	3.00	1.095	79.5	28.40	8.65	2.0	80.9	7.3
FM 9160B2F	0.489	2.60	1.160	81.0	30.10	7.20	2.0	83.5	6.9
FM 9180B2F	0.467	2.90	1.165	80.5	31.80	7.95	4.5	81.1	6.3
NG 1551RF	0.548	3.75	1.135	82.2	32.00	8.10	3.5	78.6	7.5
NG 1556RF	0.544	3.60	1.130	82.6	33.25	8.10	3.5	77.0	7.8
NG 1572RF	0.427	2.40	1.120	79.7	28.15	8.05	4.5	76.7	6.1
NG 2549B2RF	0.482	3.00	1.063	81.9	29.53	8.83	3.3	79.1	7.3
NG 3273B2RF	0.462	2.50	1.110	80.0	28.05	8.90	3.0	82.3	7.0
NG 3331B2RF	0.458	2.80	1.095	81.6	30.10	8.45	4.5	79.1	7.5
NG 3348B2RF	0.523	3.20	1.135	82.2	30.50	8.35	3.5	79.8	7.4
NG 3410RF	0.488	2.85	1.150	80.8	30.10	7.80	3.5	78.4	7.3
NG 3538RF	0.459	2.50	1.155	79.3	30.70	7.30	3.5	80.9	6.7
NG 723RF	0.475	2.70	1.125	80.0	30.20	9.00	3.0	78.7	7.9
NG 8021RF	0.464	2.65	1.080	79.2	28.50	8.70	3.0	82.5	8.3
PG 315RF	0.418	2.43	1.067	78.8	26.53	8.17	4.7	78.9	7.2
PG 367WRF	0.458	2.65	1.110	80.3	27.50	8.80	4.0	78.9	7.4
PG 375WRF	0.446	2.80	1.085	78.8	27.50	8.25	3.5	80.9	7.1
ST 4288B2F	0.511	2.95	1.140	80.8	30.10	9.05	3.0	79.9	7.5
ST 4554B2F	0.480	2.97	1.110	80.6	29.63	9.73	4.7	79.9	7.4

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, Am=Americot, CG = Cropland Genetics, DP = Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>Micronaire

<sup>c</sup>Uniformity

<sup>d</sup>Elongation

<sup>e</sup>This cultivar is listed as mid to full season for its maturity and was not appropriate for a short season site.

**Table. 3 Effect of cultivars on Verticillium wilt, defoliation, yield, and plant stand near Lockney.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint/ acre	Incidence of wilt on		Defoliation <sup>c</sup>	Plants/ Ft. row
			11 Aug.	25 Aug		
NG 712B2RF	662	1,301	0.7	3.8	1.7	2.6
DP 0912B2RF	610	1,312	2.2	8.1	1.9	2.7
ST 4288B2F	597	1,230	2.3	6.8	2.0	3.0
FM 9160B2F	583	1,262	1.1	7.2	1.7	2.7
FM 1740B2F	580	1,218	2.0	7.9	2.0	3.0
NG 3410RF	563	1,215	1.3	6.1	1.8	2.6
DP 0920B2RF	563	1,207	1.4	3.9	1.7	2.6
DP 0924B2RF	562	1,188	1.7	8.0	1.9	2.3
FM 9180B2F	561	1,146	2.7	9.3	1.8	2.8
NG 2549B2RF	543	1,215	1.9	6.5	1.8	2.7
DP EXP	507	1,169	1.9	14.0	2.4	2.8
NG 1551RF	507	1,039	3.8	13.8	2.0	2.9
AT Patriot RF	505	1,046	0.8	7.1	1.9	2.6
NG 3348B2RF	492	1,148	0.6	4.4	1.6	2.7
DP EXP	492	1,096	1.6	9.8	1.8	2.2
NG 8015B2RF	487	1,106	3.3	9.6	1.7	2.2
AM 1504B2RF	485	1,077	2.1	9.6	2.0	2.5
ST 4554B2F	484	1,117	3.1	9.9	2.0	2.8
DP 104B2RF	455	1,080	2.8	11.9	2.4	2.6
DP 1050B2RF <sup>d</sup>	441	1,023	1.4	12.1	2.3	2.1
AT Marathon B2RF	438	979	2.5	10.0	1.8	2.2
CG 3035RF	430	998	2.6	16.2	2.4	2.5
PG 375WRF	425	1,065	3.2	14.0	2.2	2.9
DP 1028B2RF	419	963	4.0	15.3	2.5	2.4
AT Summitt B2RF	408	966	2.1	9.0	2.1	2.5
NG 3273B2RF	397	902	1.4	11.8	1.9	2.2
DP EXP	394	955	1.9	11.9	2.1	1.4
NG 1572RF	390	1,039	8.5	16.5	2.6	2.6
CG 3220B2RF	369	895	2.9	11.9	2.3	2.3
BAYER EXP	364	886	1.2	11.0	2.1	2.1
DP EXP	353	898	3.1	13.8	2.4	2.3
DP EXP	336	842	2.6	12.4	2.1	1.7
LSD (0.05)	72	151	3.0	7.7	0.2	0.5

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, AM=Americot, CG = Cropland Genetics, DP = Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 to 67% defoliation, and 3 > 67% defoliation.

<sup>d</sup>This cultivar is listed as mid to full season for its maturity and was not appropriate for a short season site.

**Table 4. Effect of cultivars on fiber properties in a test near Lockney.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic<sup>b</sup></b>	<b>Length</b>	<b>Unif<sup>c</sup></b>	<b>Strength</b>	<b>Elon<sup>d</sup></b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
AM 1504B2RF	0.513	3.05	1.120	81.2	27.90	8.75	2.5	82.6	6.9
AT Marathon B2RF	0.517	3.05	1.105	80.4	27.65	9.15	2.0	82.8	7.0
AT Patriot RF	0.537	3.30	1.120	80.1	29.60	9.15	3.0	82.0	7.1
AT Summitt B2RF	0.493	2.93	1.100	80.0	27.83	9.20	2.7	82.5	7.0
BAYER EXP	0.489	2.80	1.100	78.1	26.07	8.20	2.3	81.8	7.7
CG 3035RF	0.489	2.85	1.085	80.0	28.55	10.00	2.5	80.3	7.8
CG 3220B2RF	0.488	2.75	1.115	80.6	28.60	9.25	2.5	81.2	7.4
DP EXP	0.493	3.00	1.110	79.5	28.60	8.85	3.0	80.5	7.2
DP EXP	0.481	2.70	1.160	80.0	30.55	8.80	3.0	80.4	7.4
DP EXP	0.485	2.90	1.135	80.3	29.30	9.35	4.0	81.3	7.5
DP EXP	0.470	2.65	1.085	78.1	26.95	9.70	2.0	81.8	7.5
DP EXP	0.512	3.05	1.105	80.0	28.80	9.60	2.5	81.7	7.9
DP 104B2RF	0.483	2.65	1.110	81.5	29.30	9.40	2.5	81.6	7.2
DP 1028B2RF	0.507	3.00	1.125	80.1	26.70	9.70	3.5	81.9	7.1
DP 1050B2RF <sup>e</sup>	0.498	2.85	1.085	78.2	26.20	9.35	2.5	82.1	7.6
DP 0912B2RF	0.518	3.30	1.080	80.7	28.70	9.15	2.5	81.8	7.6
DP 0920B2RF	0.524	3.25	1.090	79.9	26.30	9.30	2.5	82.7	7.5
DP 0924B2RF	0.531	3.40	1.090	81.3	28.53	9.17	2.3	81.3	7.5
FM 1740B2F	0.534	3.40	1.100	81.0	29.50	8.20	2.5	82.1	7.1
FM 9160B2F	0.517	3.05	1.160	81.8	32.10	7.45	3.0	82.5	6.9
FM 9180B2F	0.550	3.45	1.195	81.5	33.85	7.55	1.5	82.4	6.5
NG 1551RF	0.542	3.90	1.120	82.3	33.70	7.80	3.5	77.8	7.3
NG 1572RF	0.430	2.50	1.085	77.7	27.40	8.75	4.5	80.1	6.0
NG 2549B2RF	0.503	3.15	1.085	82.5	31.00	9.35	4.0	80.3	7.5
NG 3273B2RF	0.515	3.05	1.110	80.2	27.60	8.90	2.0	82.8	7.3
NG 3348B2RF	0.488	3.15	1.125	82.1	31.30	8.65	4.5	78.4	7.1
NG 3410RF	0.511	3.10	1.130	81.2	29.70	8.75	3.0	79.3	7.8
NG 712B2RF	0.561	3.40	1.120	81.7	31.90	8.60	2.0	80.6	7.9
NG 8015B2RF	0.502	3.10	1.095	80.3	30.40	8.55	3.0	80.4	7.7
PG 375WRF	0.463	2.60	1.145	80.0	29.15	8.45	3.5	79.3	7.5
ST 4288B2F	0.542	3.40	1.120	80.0	29.45	9.00	3.0	79.3	7.4
ST 4554B2F	0.496	3.00	1.100	80.5	29.75	10.15	3.5	79.8	7.9

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, Am=Americot, CG = Cropland Genetics, DP = Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>Micronaire

<sup>c</sup>Uniformity

<sup>d</sup>Elongation

<sup>e</sup>This cultivar is listed as mid to full season for its maturity and was not appropriate for a short season site.

**Table 5. Effect of cultivars on Verticillium wilt, defoliation, yield, value/acre, and plant stand near Floydada.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint/ acre	% Incidence wilt		Defoliation <sup>c</sup>	Plants/ft. row
			7 Aug.	24 Aug.		
NG 3348B2RF	777	1,654	7	17	2.1	2.7
NG 712B2RF	762	1,559	13	24	2.6	2.9
FM 9160B2F	755	1,628	7	16	1.8	2.7
ST 4288B2F	748	1,510	11	25	2.2	3.0
DP EXP	737	1,502	9	18	2.5	2.4
FM 9180B2F	735	1,505	11	27	2.1	2.7
NG 723RF	717	1,424	17	37	2.5	1.2
DP 0920B2RF	701	1,526	6	13	2.5	2.8
DP 0912B2RF	701	1,513	10	26	2.7	2.9
DP 1028B2RF	699	1,483	14	33	2.8	3.1
PG 367WRF	694	1,511	8	19	2.7	3.0
NG 1551RF	688	1,384	10	22	2.4	2.7
ST 4498B2RF	686	1,417	10	24	2.7	2.8
DP EXP	670	1,328	22	31	2.8	2.3
DP 104B2RF	661	1,502	9	26	2.6	3.1
DP 1050B2RF <sup>d</sup>	654	1,382	20	43	2.8	2.5
DP EXP	645	1,361	14	31	2.9	2.7
DP EXP	640	1,354	16	32	2.9	2.9
ST 4554B2RF	639	1,387	12	25	2.7	2.8
NG 2549B2RF	626	1,555	9	22	2.6	2.8
DP EXP	624	1,481	11	28	2.9	2.8
DP EXP	622	1,334	24	45	2.9	2.9
NG 1572RF	570	1,340	15	36	2.7	2.8
BAYER EXP	548	1,258	9	31	2.8	2.3
DP 0924B2RF	532	1,318	11	24	2.7	2.8
DP 0935B2RF	524	1,400	8	16	2.8	3.0
CG 3220B2RF	509	1,190	16	27	2.9	2.6
NG 3331B2RF	504	1,214	17	37	2.9	2.4
NG 3538RF	500	1,145	14	31	2.3	1.8
CG 3035RF	484	1,131	21	38	3.0	2.6
DP EXP	482	1,244	21	44	2.9	2.8
NG 1556RF	436	1,029	17	33	2.6	2.8
LSD (0.05)	62	124	6	9	0.1	0.4

<sup>a</sup>The cultivar abbreviations were: CG = Cropland Genetics, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 – 67% defoliation, and 3 = > 67% defoliation.

**Table 6. Effect of cultivars on fiber properties in a test near Floydada.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic<sup>b</sup></b>	<b>Length</b>	<b>Unif<sup>c</sup></b>	<b>Strength</b>	<b>Elon<sup>d</sup></b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
BAYER EXP	0.491	2.85	1.130	80.25	29.50	6.45	3.5	79.7	7.7
CG 3035RF	0.480	2.95	1.085	80.40	29.30	8.20	3.0	79.3	7.6
CG 3220B2RF	0.485	2.95	1.110	81.30	29.10	7.85	4.0	79.5	7.3
DP EXP	0.443	2.90	1.085	80.30	28.15	7.40	5.0	77.7	7.2
DP EXP	0.557	3.60	1.140	82.85	30.25	7.65	2.5	79.8	7.3
DP EXP	0.536	3.45	1.160	83.25	31.40	8.20	4.0	78.8	7.3
DP EXP	0.523	3.25	1.105	81.80	28.05	8.15	3.5	80.1	7.3
DP EXP	0.518	3.15	1.120	81.55	29.10	8.25	2.5	80.5	7.7
DP EXP	0.525	3.55	1.080	81.20	28.15	8.80	4.0	79.2	7.3
DP EXP	0.468	3.05	1.115	82.15	31.00	8.20	5.0	78.1	7.3
DP 104B2RF	0.485	3.30	1.090	81.40	29.60	8.20	5.0	77.9	7.1
DP 1028B2RF	0.518	3.20	1.100	80.75	28.90	8.35	3.0	79.9	7.2
DP 1050B2RF <sup>e</sup>	0.523	3.35	1.095	81.45	27.95	8.35	4.0	80.1	7.5
DP 0912B2RF	0.509	3.20	1.075	80.70	29.95	7.90	3.5	79.3	7.2
DP 0920B2RF	0.505	3.10	1.095	80.50	28.30	7.80	3.5	79.8	7.2
DP 0924B2RF	0.456	2.95	1.090	81.05	29.40	7.75	4.5	78.5	7.1
DP 0935B2RF	0.424	2.80	1.055	78.75	27.75	7.50	4.5	80.1	7.5
FM 9160B2F	0.506	3.25	1.150	82.80	31.35	6.35	4.5	79.9	6.6
FM 9180B2F	0.535	3.40	1.160	82.25	31.30	6.75	4.0	80.4	6.6
NG 1551RF	0.539	4.15	1.115	82.55	32.90	6.70	4.5	77.6	7.5
NG 1556RF	0.479	3.35	1.130	82.60	33.70	7.15	5.5	76.3	7.3
NG 1572RF	0.468	3.15	1.145	81.70	29.65	6.95	5.5	78.0	6.2
NG 2549B2RF	0.447	3.10	1.040	81.15	28.60	8.00	5.5	77.7	6.9
NG 3331B2RF	0.472	3.20	1.100	81.90	30.00	7.30	5.0	76.2	7.3
NG 3348B2RF	0.511	3.70	1.150	82.90	30.90	7.15	5.0	77.6	7.0
NG 3538RF	0.487	3.25	1.165	82.60	32.95	6.50	5.0	79.6	6.9
NG 712B2RF	0.533	3.40	1.140	81.65	30.60	7.20	3.5	78.2	7.9
NG 723RF	0.544	3.50	1.095	81.55	30.60	7.65	3.5	78.3	7.7
PG 367WRF	0.504	3.10	1.100	80.85	28.95	8.10	4.5	77.4	7.8
ST 4288B2F	0.541	3.50	1.125	81.85	30.35	7.45	4.0	79.3	7.6
ST 4498B2F	0.533	3.65	1.095	81.75	30.60	8.70	4.5	77.3	7.8
ST 4554B2F	0.511	3.15	1.120	81.80	30.35	8.40	4.5	78.4	7.4

<sup>a</sup>The cultivar abbreviations were: CG=Cropland Genetics, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>Micronaire

<sup>c</sup>Uniformity

<sup>d</sup>Elongation

<sup>e</sup>This cultivar is listed as mid to full season for its maturity and was not appropriate for a short season site.

**Table 7. Effect of cultivars on Verticillium wilt, defoliation, yield, value/acre, and plant stand near Slaton.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint/ acre	% Incidence wilt		Defoliation <sup>c</sup>	Plants/ft. row
			6 Aug.	25 Aug.		
NG 8021RF	878	1,778	8	25	1.1	2.8
NG 3348B2RF	761	1,636	7	21	1.4	3.4
FM 9170B2F	746	1,680	6	26	1.1	3.2
FM 9160B2F	716	1,671	8	20	1.1	3.2
NG 2549B2RF	707	1,590	5	23	1.5	3.2
DP EXP	682	1,506	12	27	1.7	3.0
FM 9180B2F	670	1,494	6	24	1.3	3.5
AT Marathon B2RF	662	1,406	7	21	1.8	3.3
NG 8015B2RF	639	1,441	6	28	1.2	3.0
DP 104B2RF	631	1,638	9	25	1.9	3.3
AT Patriot RF	625	1,414	8	27	1.6	3.2
NG 3410RF	617	1,557	9	28	1.7	3.5
NG 3273B2RF	605	1,407	4	22	1.8	3.1
ST 5288B2F	599	1,463	6	22	1.4	3.4
NG 1551RF	587	1,246	12	38	1.6	3.1
DP 0924B2RF	563	1,383	8	23	2.0	3.4
DP 1028B2RF	558	1,270	14	36	2.0	3.4
DP EXP	557	1,388	6	28	2.4	3.3
ST 4288B2F	547	1,337	8	32	1.7	3.4
NG 3538RF	547	1,238	9	30	1.4	2.9
AT Apex B2RF	546	1,310	9	32	1.9	3.4
DP 0920B2RF	544	1,362	7	24	1.9	3.5
ST 4554B2F	523	1,387	5	24	1.8	3.3
DP 1034B2RF	522	1,301	17	46	2.2	3.2
DP 0912B2RF	521	1,312	4	33	2.0	3.1
PG 375WRF	519	1,247	8	26	2.5	3.4
PG 315RF	506	1,282	7	28	2.4	3.2
DP 1044B2RF	480	1,364	7	22	1.4	3.5
DP 0935B2RF	460	1,210	8	29	2.1	3.4
NG 3331B2RF	455	1,181	11	34	2.2	3.1
DP 1032B2RF	448	1,126	13	40	2.2	2.9
AM 1550B2RF	412	1,124	8	35	2.7	3.4
LSD (0.05)	67	149	11	10	0.2	0.4

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, AM=Americot, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 – 67% defoliation, and 3 = > 67% defoliation.



**Table 8. Effect of cultivars on fiber properties in a test near Slaton.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic<sup>b</sup></b>	<b>Length</b>	<b>Unif<sup>c</sup></b>	<b>Strength</b>	<b>Elon<sup>d</sup></b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
AT Apex B2RF	0.469	2.70	1.165	81.0	28.05	7.50	4.0	80.4	6.6
AT Marathon B2RF	0.519	3.05	1.145	81.1	28.00	7.25	2.5	81.9	6.4
AT Patriot RF	0.482	2.75	1.140	79.9	29.00	7.30	3.5	78.2	6.8
AM 1550B2RF	0.427	2.55	1.090	80.4	26.85	7.40	5.0	80.0	6.8
DP EXP	0.499	2.90	1.140	80.6	30.85	8.30	3.0	80.0	7.1
DP EXP	0.451	2.95	1.140	82.2	30.05	8.20	5.5	78.2	6.5
DP 104B2RF	0.426	2.80	1.150	82.2	30.70	7.65	6.0	78.5	6.0
DP 1028B2RF	0.494	2.90	1.140	80.9	29.05	7.40	3.0	80.6	6.9
DP 1032B2RF	0.459	2.60	1.130	79.7	29.45	6.90	4.0	80.8	6.2
DP 1034B2RF	0.455	2.75	1.130	80.4	28.70	8.00	4.5	79.0	6.5
DP 1044B2RF	0.402	2.55	1.100	78.0	26.75	8.75	5.5	79.4	6.9
DP 0912B2RF	0.450	2.70	1.115	81.0	29.80	7.50	4.5	80.0	6.7
DP 0920B2RF	0.450	2.75	1.125	80.3	27.60	7.75	4.0	79.8	6.6
DP 0924B2RF	0.457	2.70	1.115	80.7	30.15	7.30	3.5	78.5	6.6
DP 0935B2RF	0.437	2.35	1.105	79.6	28.25	7.10	4.0	80.3	6.9
FM 9160B2F	0.470	2.90	1.187	82.3	31.30	6.33	4.7	78.4	6.5
FM 9170B2F	0.485	2.85	1.205	80.9	31.45	6.15	4.0	82.5	6.2
FM 9180B2F	0.495	3.00	1.155	81.3	31.75	6.70	4.0	81.1	6.3
NG 1551RF	0.517	3.35	1.105	82.4	33.85	6.65	4.5	78.6	7.4
NG 2549B2RF	0.488	3.15	1.075	82.7	29.10	7.85	4.5	78.6	7.0
NG 3273B2RF	0.479	2.90	1.115	79.8	27.15	7.85	3.5	82.3	6.7
NG 3331B2RF	0.443	2.73	1.120	80.7	29.23	7.63	5.3	77.2	6.9
NG 3348B2RF	0.507	3.15	1.125	81.4	31.15	7.25	4.5	78.3	6.7
NG 3410RF	0.433	2.65	1.170	80.5	29.95	6.55	5.0	79.0	6.7
NG 3538RF	0.488	2.90	1.145	81.1	32.55	6.25	4.0	80.6	6.9
NG 8015B2RF	0.491	2.90	1.165	81.3	32.35	6.60	4.0	79.0	7.2
NG 8021RF	0.526	3.15	1.155	82.5	31.35	7.20	3.5	79.6	7.5
PG 315RF	0.440	2.50	1.070	78.7	27.25	6.85	3.5	79.6	7.2
PG 375WRF	0.470	2.75	1.120	80.3	27.65	7.10	5.0	80.1	6.7
ST 4288B2F	0.461	2.60	1.125	78.9	29.40	7.10	3.5	79.1	7.1
ST 4554B2F	0.428	2.70	1.120	79.3	29.70	8.20	5.0	77.6	7.0
ST 5288B2F	0.457	3.15	1.125	80.8	28.40	7.70	5.5	79.5	6.1

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, Am=Americot, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>Micronaire

<sup>c</sup>Uniformity

<sup>d</sup>Elongation

**Table. 9 Effect of cultivars on Verticillium wilt, defoliation, yield, and plant stand near Brownfield.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint / acre	Incidence of wilt on		Defoliation <sup>c</sup>	Plants/ Ft. row
			11 Aug.	31 Aug		
DP 1032B2RF	891	1,788	9.0	26.5	2.2	2.1
FM 9170B2F	882	1,764	5.5	13.7	1.3	2.9
FM 1740B2F	874	1,729	4.8	13.2	1.5	3.0
FM 1880B2F	870	1,667	4.8	8.0	1.6	2.6
NG 3348B2RF	870	1,696	4.2	7.1	1.4	2.9
FM 9180B2F	868	1,655	5.0	13.2	1.4	2.7
NG 8021RF	865	1,638	8.1	14.9	1.7	2.1
ST 4554B2F	865	1,737	5.7	10.6	2.0	2.9
FM 9160B2F	860	1,674	4.1	11.4	1.1	3.0
DP 174RF	844	1,690	4.3	15.8	2.1	3.1
FM 820F	830	1,668	5.3	12.2	1.7	3.0
DP 1044B2RF	826	1,609	7.2	14.1	1.9	3.0
AT Apex B2RF	825	1,653	5.5	15.6	2.3	3.1
DP 164B2RF	777	1,534	4.6	11.8	1.8	2.9
ST 5288B2F	776	1,687	8.1	15.6	1.8	2.9
AM 1532B2RF	775	1,627	6.0	19.1	2.2	2.9
FM 840B2F	767	1,564	9.4	20.7	2.1	2.8
ST 5458B2F	763	1,589	5.8	17.6	2.4	3.2
DP 0924B2RF	754	1,616	7.7	19.1	2.4	2.7
PG 485WRF	754	1,513	6.4	19.1	2.0	3.0
DP EXP	750	1,533	13.6	28.9	2.4	2.6
DP 1034B2RF	737	1,543	8.7	24.0	2.4	2.4
DP 161B2RF	725	1,484	7.6	21.1	2.1	2.4
DP 0935B2RF	717	1,675	7.4	11.9	2.3	2.6
PG 425RF	708	1,502	8.6	19.3	2.2	3.1
AT Titan B2RF	702	1,392	6.0	16.6	2.1	2.6
AT Patriot RF	702	1,433	6.5	15.8	2.0	2.8
PG 565WRF	690	1,530	5.6	18.7	2.3	2.5
AT Epic RF	681	1,519	7.1	23.2	2.6	2.4
AT Orbit RF	657	1,281	6.5	9.7	2.0	2.4
NG 723RF	651	1,366	8.8	27.3	2.2	1.3
DP 141B2RF	581	1,365	5.6	22.8	1.7	2.7
LSD (0.05)	67	130	6.5	8.1	0.2	0.4

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, AM=Americot, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 to 67% defoliation, and 3 > 67% defoliation.

**Table 10. Effect of cultivars on fiber properties in a test near Brownfield.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic<sup>b</sup></b>	<b>Length</b>	<b>Unif<sup>c</sup></b>	<b>Strength</b>	<b>Elon<sup>d</sup></b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
AM 1532B2RF	0.519	3.00	1.115	80.5	28.50	9.0	2.0	81.7	7.5
AT Apex B2RF	0.540	3.40	1.110	80.4	27.15	9.1	2.5	80.4	7.7
AT Epic RF	0.487	2.75	1.075	80.7	30.15	9.9	1.5	80.9	8.3
AT Orbit RF	0.558	3.55	1.140	80.9	30.40	9.6	2.5	80.4	7.7
AT Patriot RF	0.530	3.35	1.135	80.6	29.80	9.4	3.0	80.6	7.6
AT Titan B2RF	0.553	3.60	1.150	81.9	29.90	8.6	3.0	80.5	6.8
DP EXP	0.534	3.27	1.117	80.7	28.77	8.8	2.0	82.3	7.8
DP 141B2RF	0.475	2.55	1.135	79.6	29.75	8.6	3.5	82.2	7.5
DP 161B2RF	0.534	3.30	1.150	81.9	30.25	8.1	2.0	81.0	7.4
DP 164B2RF	0.551	3.35	1.130	80.2	28.20	8.0	2.0	81.8	7.7
DP 174RF	0.534	3.25	1.105	81.0	28.50	8.8	3.0	80.4	7.6
DP 1032B2RF	0.537	3.30	1.120	81.1	30.20	8.6	3.0	81.5	7.5
DP 1034B2RF	0.523	3.10	1.105	80.7	28.30	9.4	2.0	82.7	7.8
DP 1044B2RF	0.556	3.50	1.125	80.8	29.95	9.5	2.5	80.9	7.8
DP 0924B2RF	0.510	3.25	1.085	81.3	28.95	9.1	3.0	80.3	7.4
DP 0935B2RF	0.469	2.70	1.055	79.0	28.50	8.9	1.5	81.3	8.4
FM 1740B2F	0.546	3.45	1.090	80.0	30.15	8.0	1.5	83.4	7.4
FM 1880B2F	0.564	3.85	1.140	81.1	30.50	8.1	2.5	80.4	7.1
FM 820F	0.534	3.30	1.180	81.6	33.10	7.2	2.0	81.6	7.0
FM 840B2F	0.535	3.45	1.105	80.9	30.25	8.5	2.5	82.3	7.3
FM 9160B2F	0.556	3.55	1.165	82.5	31.85	6.8	3.0	82.2	7.1
FM 9170B2F	0.540	3.20	1.150	80.4	30.80	7.2	1.5	84.7	7.0
FM 9180B2F	0.567	3.95	1.145	81.6	32.05	7.4	2.5	82.0	7.0
NG 3348B2RF	0.553	3.80	1.130	82.0	31.35	8.1	3.0	78.5	7.7
NG 723RF	0.518	3.05	1.125	81.0	29.95	8.9	2.5	80.8	8.3
NG 8021RF	0.563	3.65	1.095	81.7	30.85	9.2	2.0	80.9	8.2
PG 425RF	0.510	3.30	1.115	82.1	30.05	9.6	4.0	77.1	7.4
PG 485WRF	0.543	3.80	1.110	81.7	31.00	9.7	4.0	77.0	7.9
PG 565WRF	0.496	2.85	1.130	80.6	29.45	9.8	3.0	80.9	7.7
ST 4554B2F	0.538	3.40	1.110	81.1	29.30	10.2	3.5	79.9	8.2
ST 5288B2F	0.501	3.35	1.105	80.1	28.60	9.0	4.0	80.2	6.7
ST 5458B2F	0.524	3.30	1.100	80.0	30.00	8.4	3.0	78.6	8.0

<sup>a</sup>The cultivar abbreviations were:AT=All-Tex, Am=Americot, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>Micronaire

<sup>c</sup>Uniformity

<sup>d</sup>Elongation

**Table 11. Effect of cultivars on Verticillium wilt, defoliation, yield, value/acre, and plant stand near Seminole.**

Cultivar <sup>a</sup>	\$/acre <sup>b</sup>	Lbs of lint / acre	% Incidence wilt			Defoliation <sup>c</sup>	Plants/ft. row
			13 July	21 July	30 July		
DP EXP	1,131	2,180	33	44	66	2.0	2.6
DP 1034B2RF	1,057	2,045	26	36	56	1.9	2.3
DP 1028B2RF	1,054	2,024	22	33	56	1.7	2.3
DP 1032B2RF	1,039	1,994	19	33	52	1.7	1.6
FM 9180B2F	1,000	2,028	17	30	49	1.3	2.6
FM 9160B2F	997	2,073	16	28	51	1.2	2.4
DP EXP	988	1,915	17	30	46	1.7	1.8
DP EXP	943	1,878	31	42	59	1.8	1.9
DP 0935B2RF	927	1,970	15	28	45	1.9	2.6
ST 4554B2F	901	1,931	24	36	60	1.9	2.3
AM 1532B2RF	891	1,734	24	36	53	1.7	2.1
AT Orbit RF	890	1,706	10	15	27	1.8	2.4
FM 1740B2F	887	1,848	19	31	50	1.7	2.6
BAYER EXP	880	1,708	13	20	36	1.7	2.1
ST 4498B2F	870	1,962	14	22	35	1.9	2.7
DP 174RF	869	1,987	25	42	69	1.6	2.1
DP 0949B2RF	862	1,752	16	26	44	1.8	2.0
FM 820F	834	1,673	20	26	47	1.9	2.6
ST 5288B2F	833	1,894	16	27	44	1.6	2.6
FM 1880B2F	829	1,754	6	12	27	1.8	2.6
AT Epic RF	828	1,632	27	38	57	2.0	1.9
PG 565WRF	816	1,860	22	29	53	1.5	1.9
DP 1044B2RF	798	1,764	15	23	45	1.7	2.4
DP 164B2RF	777	1,728	15	27	45	1.4	2.0
PG 425RF	770	1,757	28	38	52	1.6	2.4
NG 3348B2RF	768	1,802	10	19	35	1.7	2.3
PG 485WRF	751	1,680	24	39	53	1.5	2.4
FM 840B2F	729	1,609	13	22	45	2.1	2.4
AT Titan B2RF	722	1,543	23	36	56	1.5	1.9
DP 161B2RF	712	1,711	19	35	56	1.6	2.1
DP 141B2RF	690	1,688	18	27	40	1.2	2.2
ST 5458B2RF	672	1,628	25	40	45	1.9	2.2
LSD (0.05)	118	251	10	15	24	0.15	0.5

<sup>a</sup>The cultivar abbreviations were: AM = Americot, AT = All-Tex, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>\$/acre = ( lint yield/acre x loan value) – cost of seed and technology fees/acre. Seed and technology fee values were obtained from the Plains Cotton Grower’s web site <http://www.plainscotton.org>

<sup>c</sup>Defoliation ratings were made in approximately 22 locations/plot, with 0 = no defoliation, 1 = 1 to 32% defoliation, 2 = 33 – 67% defoliation, and 3 = > 67% defoliation.

**Table 12. Effect of cultivars on fiber properties in a test near Seminole.**

<b>Cultivar<sup>a</sup></b>	<b>Loan \$/lb</b>	<b>Mic</b>	<b>Length</b>	<b>Unif.</b>	<b>Strength</b>	<b>Elon</b>	<b>Leaf</b>	<b>Rd</b>	<b>+b</b>
AT Epic RF	0.542	3.40	1.130	82.2	29.00	8.50	2.5	78.3	8.5
AT Orbit RF	0.555	3.80	1.180	83.0	31.75	7.60	4.0	79.7	7.1
AT Titan B2RF	0.512	3.30	1.180	82.5	29.35	8.40	3.5	79.4	6.6
AM 1532B2RF	0.553	3.75	1.155	82.1	28.80	8.35	2.5	80.6	7.1
BAYER EXP	0.556	3.40	1.160	80.9	29.80	6.90	1.5	80.3	7.4
DP EXP	0.552	3.65	1.195	83.1	31.55	8.60	3.5	79.6	7.4
DP EXP	0.550	3.75	1.145	83.0	27.85	8.75	4	79.9	7.6
DP EXP	0.539	3.70	1.155	82.9	28.30	8.90	6.5	76.9	7.2
DP 141B2RF	0.449	3.05	1.210	81.4	31.70	7.45	5.5	77.2	6.9
DP 161B2RF	0.456	3.20	1.215	82.4	32.25	7.05	6.0	78.6	6.8
DP 164B2RF	0.489	3.15	1.210	81.9	29.35	7.15	5.0	79.0	7.3
DP 174RF	0.467	3.45	1.190	82.1	28.10	7.85	7.0	76.0	6.9
DP 1028B2RF	0.555	3.65	1.150	83.0	28.80	8.55	3.5	79.9	7.4
DP 1032B2RF	0.556	3.95	1.150	81.6	30.10	7.15	3.5	80.4	7.2
DP 1034B2RF	0.551	3.75	1.160	83.3	28.50	8.85	4	78.9	7.4
DP 1044B2RF	0.492	3.20	1.175	82.6	30.20	8.90	4.5	78.6	7.4
DP 0935B2RF	0.506	3.35	1.105	71.2	29.55	7.95	3.5	79.7	7.7
DP 0949B2RF	0.531	3.45	1.165	83.1	30.00	8.60	4.5	79.0	6.8
FM 1740B2F	0.518	3.20	1.115	81.2	29.30	8.05	3	81.4	7.1
FM 1880B2F	0.512	3.50	1.180	81.3	30.80	7.40	4.5	80.5	6.3
FM 820F	0.534	3.25	1.180	82.6	31.55	7.80	4	79.4	6.9
FM 840B2F	0.496	3.05	1.195	82.9	32.65	8.10	4	79.9	6.4
FM 9160B2F	0.515	3.25	1.205	82.5	30.45	6.60	3.5	78.9	6.7
FM 9180B2F	0.527	3.30	1.210	82.5	31.95	7.00	4	80.4	6.6
NG 3348B2RF	0.464	3.45	1.180	82.7	32.55	7.75	6.5	76.7	7
PG 425RF	0.472	3.80	1.180	83.4	29.65	8.55	7	74.4	7.7
PG 485WRF	0.488	3.35	1.170	83.1	30.40	8.75	5.5	76.0	7.3
PG 565WRF	0.475	3.15	1.170	82.5	30.05	8.95	4.5	78.1	7.3
ST 4498B2F	0.479	3.30	1.125	82.3	30.75	9.20	5.5	75.8	7.4
ST 4554B2F	0.503	3.55	1.170	82.6	31.55	8.95	6.5	75.8	7.5
ST 5288B2F	0.477	3.60	1.140	80.7	28.55	8.55	6.0	77.3	6.4
ST 5458B2F	0.456	3.30	1.130	80.5	28.95	7.55	6.0	75.9	7.3

<sup>a</sup>The cultivar abbreviations were: AM = Americot, AT = All-Tex, DP =Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

**Table 13. Relationship between relative yield, value/acre, wilt and defoliation on all cultivars tested in Verticillium wilt fields in 2009.**

Cultivar <sup>a</sup>	# of sites	Rel. Value/a	Rank of Value/a	Rel. yield	Rank of yield	Rel. Defol.	Rank of Defol.	Rel. wilt	Rank of wilt
NG 712B2RF	2	0.972	1	0.952	2	0.735	13	0.399	5
NG 8021RF	3	0.915	2	0.927	8	0.646	5	0.607	29
FM 9170B2F	2	0.896	3	0.950	3	0.537	1	0.538	17
ST 4288B2F	4	0.893	4	0.912	9	0.767	20	0.523	14
FM 9160B2F	6	0.886	5	0.942	5	0.562	2	0.462	7
NG 3348B2RF	6	0.878	6	0.928	6	0.691	7	0.365	3
AFD 5065B2F	1	0.877	7	0.868	15	0.792	27	0.513	12
NG 3410RF	3	0.877	8	0.947	4	0.764	18	0.499	9
NG 2549B2RF	4	0.876	9	0.963	1	0.742	14	0.467	8
FM 9180B2F	6	0.865	10	0.895	13	0.649	6	0.561	20
FM 1740B2F	4	0.858	11	0.901	11	0.755	17	0.543	19
DP 0912B2RF	4	0.840	12	0.902	10	0.829	40	0.610	31
DP 104B2RF	4	0.831	13	0.928	7	0.854	44	0.562	21
PG 367WRF	2	0.818	14	0.896	12	0.825	38	0.439	6
DP 0920B2RF	4	0.809	15	0.874	14	0.749	16	0.384	4
NG 1551RF	4	0.806	16	0.786	38	0.765	19	0.659	39
NG 8015B2RF	2	0.797	17	0.852	18	0.634	3	0.599	28
DP EXP4	3	0.793	18	0.834	23	0.768	22	0.582	24
DP 1028B2RF	4	0.778	19	0.812	29	0.894	52	0.806	57
DP EXP9	2	0.772	20	0.804	32	0.890	50	0.752	51
DP 1032B2RF	3	0.772	21	0.817	26	0.898	53	0.835	60
ST 4498B2F	2	0.766	22	0.840	22	0.882	48	0.507	10
DP 174RF	2	0.761	23	0.866	16	0.792	26	0.760	55
FM 1880B2F	2	0.759	24	0.806	31	0.734	12	0.322	1
ST 4554B2F	6	0.757	25	0.841	21	0.819	34	0.574	22
DP 1034B2RF	3	0.754	26	0.819	25	0.930	63	0.870	63
AT Apex B2RF	2	0.751	27	0.815	27	0.868	45	0.634	36
AT Patriot RF	3	0.750	28	0.788	37	0.744	15	0.537	16
DP EXP10	3	0.747	29	0.843	20	0.887	49	0.621	35
FM 820F	2	0.734	30	0.782	40	0.794	28	0.578	23
AM 1532B2RF	2	0.732	31	0.790	35	0.840	42	0.703	48
DP EXP1	3	0.732	32	0.849	19	0.911	57	0.829	59
ST 5288B2F	3	0.731	33	0.853	17	0.705	9	0.541	18
DP 0924B2RF	5	0.720	34	0.811	30	0.841	43	0.593	27
PG 375WRF	3	0.717	35	0.824	24	0.926	62	0.651	38
DP EXP7	3	0.716	36	0.774	42	0.908	54	0.836	61
AM 1504B2RF	2	0.713	37	0.790	36	0.822	36	0.612	32
DP 0949B2RF	1	0.713	38	0.760	45	0.869	46	0.585	25
AT MarathonB2RF	3	0.712	39	0.758	46	0.779	23	0.593	26
AT Summitt B2RF	2	0.701	40	0.783	39	0.819	35	0.609	30
DP 1044B2RF	3	0.694	41	0.800	33	0.728	11	0.526	15
DP 164B2RF	2	0.684	42	0.763	43	0.695	8	0.521	13
DP EXP2	4	0.681	43	0.715	55	0.826	39	0.713	49
AT Orbit RF	2	0.666	44	0.687	62	0.817	33	0.347	2
NG 723RF	3	0.665	45	0.707	56	0.781	24	0.857	62

**Table 13. Relationship between relative yield, value/acre, wilt and defoliation on all cultivars tested in Verticillium wilt fields in 2009 (cont.).**

Cultivar	# of sites	Rel. Value/a	Rank of Value/a	Rel. yield	Rank of yield	Rel. Defol.	Rank of Defol.	Rel. wilt	Rank of wilt
DP 0935B2RF	4	0.664	47	0.815	28	0.894	51	0.511	11
AT Epic RF	2	0.659	48	0.734	53	0.985	66	0.810	58
PG 485WRF	2	0.659	49	0.746	49	0.767	21	0.701	46
PG 315RF	2	0.658	50	0.776	41	0.914	58	0.613	33
FM 840B2F	2	0.657	51	0.744	52	0.922	61	0.675	41
PG 565WRF	2	0.652	52	0.792	34	0.798	29	0.694	45
PG 425RF	2	0.641	53	0.761	44	0.813	32	0.701	47
DP 1050B2RF <sup>b</sup>	3	0.635	54	0.702	59	0.873	47	0.913	64
ST 5458B2F	2	0.629	55	0.756	47	0.916	59	0.618	34
NG 3273B2RF	3	0.628	56	0.693	61	0.804	31	0.693	44
BAYER EXP	4	0.627	57	0.697	60	0.833	41	0.643	37
DP 161B2RF	2	0.625	58	0.745	51	0.798	30	0.757	54
NG 1572RF	3	0.619	59	0.754	48	0.917	60	0.931	65
CG 3035RF	2	0.617	60	0.707	57	0.947	65	0.935	66
AT Titan B2RF	2	0.617	61	0.681	65	0.784	25	0.681	42
NG 3331B2RF	3	0.611	62	0.717	54	0.911	56	0.761	56
NG 3538RF	3	0.599	63	0.661	66	0.716	10	0.730	50
CG 3220B2RF	2	0.588	64	0.686	63	0.910	55	0.682	43
NG 1556RF	2	0.576	65	0.616	67	0.824	37	0.753	52
AM 1550B2RF	1	0.565	66	0.681	64	1.000	67	0.753	53
DP 141B2RF	2	0.535	67	0.707	58	0.639	4	0.671	40

<sup>a</sup>The cultivar abbreviations were: AM = Americot, AT = All-Tex, CG = Cropland Genetics, DP = Deltapine, FM = Fibermax, NG = NexGen, PG = Phytogen, ST =Stoneville.

<sup>b</sup>This cultivar is listed as mid to full season for its maturity and was only tested at short-season sites, so ranking for yield and value are probably not indicative of it's true performance.