2014 Texas Coastal Bend and Lower Rio Grande Valley RACE and Monster Cotton Trials

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NUECES RACE - LAWHON

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 333WRF	953	a	39.8	a	4.2	cd	1.13	ab	30.2	bc	84.6	a	54.27	a	517	a
PHY 499WRF	904	a	39.1	a	4.4	ab	1.07	c-e	31.8	ab	84.0	a	52.68	a-c	476	b
DP 1219B2RF	850	b	37.0	bc	4.1	cd	1.07	c-e	30.3	bc	81.8	a	52.00	bc	442	c
ST 4946GLB2	840	b	35.9	c	4.6	a	1.09	cd	31.6	b	84.5	a	53.56	ab	450	bc
DP 1359B2RF	817	bc	38.7	a	4.1	cd	1.09	cd	30.3	bc	82.5	a	53.37	ab	436	c
AT 13464B2F	807	bc	36.3	c	4.1	d	1.15	a	33.5	a	84.0	a	54.52	a	440	c
NG 1511B2RF	789	cd	38.6	ab	4.6	a	1.05	e	30.8	b	83.0	a	50.77	c	401	d
CG 3787B2RF	753	de	38.8	a	4.5	ab	1.06	de	28.7	cd	82.4	a	51.60	bc	388	de
ST 6448GLB2	703	ef	36.5	c	4.4	ab	1.10	bc	28.3	d	82.8	a	53.37	ab	375	de
FM 1944GLB2	683	f	35.7	c	4.3	bc	1.10	bc	28.3	d	82.0	a	52.95	ab	361	e
Mean	810		37.6		4.3		1.09		30.4		83.2		52.91		429	
P>F	<0.0001		<0.0001		<0.0001		0.0002		0.0001		0.0619		0.0237		<0.0001	
LSD (P=.05)	50.18		1.599		0.209		0.038		1.85		NS		2.049		31.52	
STD DEV	84.45		1.65		0.22		0.04		1.86		1.41		1.51		48.69	
CV%	10.43		4.38		5.09		3.67		6.12		1.70		2.86		11.36	

NUECES RACE - MASSEY

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499WRF	1117	a	44.2	a	4.6	b	1.04	e	32.1	bc	83.7	ab	51.78	c	579	a
PHY 333WRF	1100	ab	43.0	ab	4.2	d	1.11	ab	30.4	d-f	84.2	a	53.98	ab	594	a
ST 4946GLB2	1059	b	40.1	cd	4.5	bc	1.09	b-d	33.3	ab	83.6	ab	53.62	ab	568	a
DP 1359B2RF	995	c	43.2	ab	4.6	b	1.07	c-e	31.4	c-e	82.4	bc	52.80	a-c	525	b
DP 1219B2RF	990	c	41.6	bc	4.4	cd	1.07	c-e	31.8	c	81.9	c	52.83	a-c	523	b
NG 1511B2RF	976	c	43.5	a	4.9	a	1.06	de	31.6	cd	83.4	ab	51.68	c	504	b-d
ST 6448GLB2	959	c	41.5	bc	4.6	b	1.09	bc	28.6	g	82.4	bc	53.00	a-c	508	bc
CG 3787B2RF	949	c	43.2	ab	4.6	b	1.07	c-e	30.3	ef	83.6	ab	52.45	bc	498	b-d
AT 13464B2F	897	d	39.6	d	4.2	d	1.13	a	33.7	a	84.2	a	54.22	a	486	cd
FM 1944GLB2	885	d	38.9	d	4.3	cd	1.11	ab	29.4	fg	82.4	bc	53.33	ab	472	d
Mean	993		41.9		4.5		1.08		31.3		83.2		52.97		526	
P>F	<0.0001		<0.0001		<0.0001		0.0011		<0.0001		0.027		0.0326		<0.0001	
LSD (P=.05)	50.72		1.795		0.192		0.033		1.311		1.442		1.537		32.307	
STD DEV	79.80		1.97		0.22		0.03		1.68		1.06		1.11		42.74	
CV%	8.04		4.69		4.95		2.68		5.38		1.27		2.10		8.13	

SAN PATRICIO RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499WRF	1085	a	43.1	a	4.1	b	1.09	e	33.0	b-d	84.8	ab	53.51	a	581	a
PHY 333WRF	934	b	42.2	b	3.6	ef	1.16	ab	31.5	c-e	84.3	a-c	54.32	a	507	b
NG 1511B2RF	905	b	42.8	ab	4.4	a	1.11	de	33.1	a-d	83.9	bc	54.10	a	490	b
ST 4946GLB2	886	bc	40.6	cd	3.9	cd	1.14	b-d	34.0	ab	85.9	a	54.37	a	482	b
DP 1219B2RF	885	bc	41.1	c	3.8	de	1.15	a-c	32.4	b-e	83.5	bc	54.38	a	482	b
CG 3787B2RF	867	bc	43.3	a	4.5	a	1.12	c-e	31.0	e	83.8	bc	54.07	a	469	bc
DP 1359B2RF	862	b-d	42.1	b	4.0	bc	1.14	b-d	33.4	a-c	83.2	c	54.45	a	469	bc
AT 13464B2F	847	b-d	39.0	e	3.6	f	1.19	a	35.0	a	84.9	ab	54.50	a	462	bc
ST 6448GLB2	781	cd	39.0	d	4.0	bc	1.16	a-c	27.9	f	82.8	c	54.00	a	422	c
FM 1944GLB2	757	d	37.9	f	3.8	cd	1.17	ab	31.2	de	84.1	a-c	54.40	a	412	c
Mean	881		41.2		4.0		1.14		32.3		84.1		54.21		477	
P>F	0.0003		<0.0001		<0.0001		0.0021		<0.0001		0.0347		0.0672		0.0009	
LSD (P=.05)	105.94		0.779		0.189		0.042		0.1943		1.528		NS		59.81	
STD DEV	100.71		1.78		0.32		0.04		2.14		1.10		0.41		53.65	
CV%	11.43		4.31		8.02		3.14		6.63		1.31		0.75		11.24	

CORPUS CHRISTI CENTER RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499WRF	1130	a	43.4	ab	4.6	b	1.09	cd	33.9	b	85.2	a	52.16	b	590	a
CG 3787B2RF	1124	a	44.2	a	4.6	ab	1.11	c	31.6	cd	85.1	a	52.75	ab	593	a
ST 4946GLB2	1119	a	41.0	d	4.5	b	1.08	d	33.4	b	84.4	a	52.40	b	586	a
PHY 333WRF	1108	ab	42.8	bc	4.2	cd	1.15	ab	32.7	bc	85.3	a	53.21	a	589	a
NG 1511B2RF	1056	a-c	43.8	ab	4.8	a	1.07	d	32.8	bc	84.5	a	51.21	c	541	bc
DP 1359B2RF	1042	bc	43.6	ab	4.3	c	1.14	b	33.8	b	84.6	a	53.20	a	554	ab
ST 6448GLB2	1018	cd	42.0	cd	4.6	b	1.16	ab	30.4	d	85.0	a	53.16	a	541	bc
FM 1944GLB2	963	de	39.8	e	4.2	c	1.14	b	31.1	d	84.1	a	53.25	a	513	b-d
DP 1219B2RF	941	e	41.6	d	4.3	cd	1.15	b	33.3	b	83.8	a	53.25	a	501	cd
AT 13464B2F	933	e	39.6	e	4.0	d	1.18	a	36.3	a	84.6	a	53.33	a	498	d
Mean	1043		42.2		4.4		1.13		32.9		84.7		52.79		551	
P>F	<0.0001		0.0001		<0.0001		<0.0001		<0.0001		0.1033		<0.0001		<0.0001	
LSD (P=.05)	76.12		1.02		0.224		0.027		1.35		NS		0.622		42.397	
STD DEV	87.50		1.70		0.29		0.04		1.80		0.88		0.76		44.65	
CV%	8.39		4.03		6.59		3.46		5.47		1.04		1.44		8.11	

DEWITT RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499WRF	736	a	37.1	ab	3.5	ab	1.07	b	30.0	a	81.0	a	50.80	a	376	a
PHY 333WRF	680	ab	36.3	b	2.9	e	1.09	ab	25.2	c	79.4	a	45.30	d	308	b-d
DP 1359B2RF	669	a-c	36.2	bc	3.4	bc	1.10	ab	28.5	ab	79.7	a	50.40	a	337	ab
CG 3787B2RF	631	b-d	37.8	a	3.5	ab	1.09	ab	29.3	a	80.2	a	51.63	a	326	a-c
ST 6448GLB2	575	c-e	36.2	bc	3.3	c	1.13	a	26.6	bc	79.5	a	49.28	a-c	284	b-e
NG 1511B2RF	574	c-e	38.0	a	3.6	a	1.05	b	29.5	a	80.9	a	51.37	a	296	b-e
DP 1219B2RF	554	de	35.1	cd	3.2	cd	1.13	a	29.5	a	79.3	a	49.55	a-c	275	b-e
FM 1944GLB2	528	e	32.3	f	2.9	e	1.14	a	27.1	bc	79.3	a	47.10	cd	249	de
ST 4946GLB2	526	e	33.8	e	3.1	de	1.09	ab	29.9	a	82.1	a	49.95	ab	263	c-e
AT 13464B2F	505	e	34.0	de	2.9	e	1.14	a	29.7	a	80.1	a	47.35	b-d	239	e
Mean	598		35.7		3.2		1.10		28.5		80.1		49.27		295	
P>F	0.0017		<0.0001		<0.0001		0.0353		0.0007		0.1145		0.0023		0.006	
LSD (P=.05)	102.05		1.165		0.178		0.054		2.004		NS		2.802		63.314	
STD DEV	93.53		2.13		0.28		0.04		1.85		1.29		2.38		52.86	
CV%	15.65		5.96		8.53		3.43		6.50		1.61		4.84		17.91	

HIDALGO RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
DP 1359B2RF	1896	a	44.7	a	4.9	cd	1.19	bc	32.4	a	84.6	de	53.53	ab	1016	a
ST 4946GLB2	1855	ab	43.1	bc	5.1	bc	1.14	ef	31.7	ab	85.0	b-e	51.60	cd	957	ab
PHY 499WRF	1848	ab	44.3	ab	5.2	b	1.15	ef	32.5	a	85.7	ab	52.33	cd	954	ab
CG 3787B2RF	1805	a-c	44.6	ab	5.1	bc	1.16	de	30.5	bc	84.9	c-e	52.33	bc	943	bc
NG 1511B2RF	1797	a-c	44.7	a	5.4	a	1.13	f	31.7	ab	85.1	b-d	50.68	d	911	bc
PHY 333WRF	1769	a-c	44.0	ab	4.6	ef	1.21	ab	31.5	ab	85.9	a	54.52	a	965	ab
DP 12R224B2RF	1765	a-c	42.4	cd	4.8	de	1.18	cd	31.0	bc	85.0	b-e	54.47	a	961	ab
FM 1944GLB2	1734	b-d	41.2	d	5.0	b-d	1.22	a	30.9	bc	84.5	de	53.37	ab	927	bc
ST 6448GLB2	1700	cd	41.8	cd	4.9	cd	1.21	ab	30.1	c	84.4	e	54.20	a	921	bc
AT 13464B2F	1616	d	41.9	cd	4.5	f	1.22	a	32.5	a	85.6	a-c	54.55	a	882	c
Mean	1779		43.3		5.0		1.18		31.5		85.1		53.09		944	
P>F	0.0196		0.0002		<0.0001		<0.0001		0.0172		0.0018		0.0003		0.0484	
LSD (P=.05)	138.13		1.513		0.221		0.028		1.431		0.695		1.637		68.821	
STD DEV	179.83		1.49		0.27		0.04		1.07		0.61		1.58		93.56	
CV%	10.11		3.45		5.45		3.13		3.38		0.72		2.97		9.91	

CAMERON RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 333WRF	2030	a	42.3	b	4.5	d	1.20	bc	30.7	b	84.5	a	54.35	a	1104	a
PHY 499WRF	2005	a	43.4	a	4.9	b	1.15	d	32.7	a	84.4	a	53.42	a	1070	ab
ST 4946GLB2	1936	ab	40.9	c	5.2	a	1.23	c	33.0	a	85.2	a	51.67	b	1000	bc
NG 1511B2RF	1832	bc	42.8	ab	5.0	b	1.18	cd	33.8	a	84.4	a	53.52	a	978	c
DP 12R224B2RF	1828	bc	40.9	c	4.8	bc	1.20	bc	31.0	b	85.6	a	54.48	a	996	bc
FM 1944GLB2	1790	bc	39.4	d	4.8	bc	1.23	ab	33.0	a	84.4	a	53.52	a	959	c
DP 1359B2RF	1770	c	43.0	ab	4.7	cd	1.21	bc	33.5	a	83.5	a	54.40	a	963	c
ST 6448GLB2	1723	c	40.6	c	4.8	bc	1.23	ab	30.3	b	83.5	a	54.22	a	934	c
CG 3787B2RF	1715	c	42.7	ab	4.9	bc	1.20	bc	31.0	b	85.6	a	54.47	a	934	c
AT 13464B2F	1496	d	39.4	d	4.5	d	1.25	a	33.7	a	84.9	a	54.50	a	815	d
Mean	1812		41.6		4.8		1.20		32.3		84.6		53.85		975	
P>F	<0.0001		<0.0001		<0.0001		0.0008		<0.0001		0.1098		0.007		<0.0001	
LSD (P=.05)	152.93		1.019		0.196		0.0325		1.205		NS		1.343		82.45	
STD DEV	168.32		1.55		0.23		0.03		1.43		1.01		1.14		85.29	
CV%	9.29		3.73		4.83		2.47		4.44		1.20		2.12		8.75	

WESLACO RACE

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499WRF	2818	a	42.6	a	4.6	b	1.17	cd	33.9	a	85.2	a	54.49	a	1536	a
DP 1359B2RF	2522	b	39.9	c	4.3	c-e	1.20	bc	33.4	ab	83.9	bc	54.51	a	1374	b
NG 1511B2RF	2501	bc	41.3	b	4.9	a	1.16	d	32.2	b-d	84.8	ab	53.71	b	1343	bc
AT 13464B2F	2454	b-d	39.1	c	4.1	f	1.24	a	33.3	a-c	85.2	a	54.63	a	1340	bc
PHY 333WRF	2447	b-d	39.6	c	4.2	d-f	1.21	ab	31.8	de	84.6	ab	54.60	a	1336	bc
ST 4946GLB2	2431	b-d	38.6	cd	4.4	cd	1.18	b-d	33.3	a-c	84.6	ab	54.48	a	1324	b-d
CG 3787B2RF	2341	b-e	41.6	ab	4.5	bc	1.20	bc	30.8	ef	84.8	ab	54.43	a	1274	b-d
ST 6448GLB2	2270	c-e	37.5	de	4.4	cd	1.24	a	30.4	e	83.3	c	54.15	ab	1230	cd
DP 12R224B2RF	2225	de	37.5	de	4.1	ef	1.19	bc	33.4	ef	84.3	a-c	54.43	a	1210	cd
FM 1944GLB2	2184	e	36.8	e	4.1	ef	1.24	a	32.1	cd	83.3	c	54.46	a	1190	d
Mean	2419		39.4		4.4		1.20		32.2		84.4		54.39		1316	
P>F	0.0005		<0.0001		<0.0001		<0.0001		<0.0001		0.0075		0.2728		0.001	
LSD (P=.05)	236.21		1.279		0.194		0.035		1.259		1.099		NS		135.3	
STD DEV	298.75		2.07		0.30		0.04		1.45		0.94		0.49		162.66	
CV%	12.35		5.24		6.88		2.97		4.51		1.12		0.90		12.36	

CORPUS CHRISTI MONSTER TRIAL

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 499 WRF	1166	a	44.3	b-e	4.7	a-d	1.07	i-k	33.2	a-e	85.0	a-d	52.99	a-d	618	ab
PX 3122b-51 WRF	1151	ab	43.4	c-f	4.4	a-f	1.14	a-g	33.3	a-e	85.3	a-c	54.49	a	627	a
ST 4946 GLB2	1144	ab	41.6	g-i	4.7	a-d	1.10	d-j	33.3	a-e	84.7	a-e	53.64	a-d	613	a-c
PHY 333 WRF	1126	a-c	44.0	b-e	4.3	c-g	1.12	b-j	32.3	b-f	84.2	a-e	54.26	ab	611	a-c
PX 499-36 W3RF	1089	a-d	45.1	a-b	4.4	b-f	1.03	k	33.4	a-e	84.0	b-e	50.59	e	552	a-f
PHY 495 W3RF	1086	a-d	44.3	b-e	4.5	a-f	1.06	jk	32.2	b-f	84.6	a-e	52.11	c-e	566	a-e
PX 5540-63 WRF	1070	a-e	44.7	a-d	4.4	a-f	1.10	e-j	32.1	b-f	85.0	a-d	54.08	a-c	579	a-d
NG 1511 B2RF	1065	a-e	44.0	b-e	5.0	a	1.08	h-k	32.9	a-f	83.5	b-e	51.70	de	550	a-f
ATX CT13442 B2RF	1035	a-f	41.9	f-i	4.2	c-g	1.11	d-j	32.3	a-f	84.8	a-e	54.10	a-c	560	a-f
DP 1454 NR B2RF	1026	a-f	44.7	a-d	4.7	a-c	1.08	h-k	32.0	c-f	83.5	b-e	53.11	a-d	545	a-f
DP 1359 B2RF	1015	a-f	42.9	e-h	4.4	a-f	1.13	a-i	32.5	a-f	83.5	b-e	54.03	a-c	549	a-f
ATX 12WSTR-755 B2RF	1002	a-f	40.9	ij	4.3	c-f	1.13	a-i	34.1	a-d	84.9	a-e	54.34	ab	544	a-f
PX 4444-13 WRF	1000	a-f	44.7	a-d	3.7	g	1.18	a-c	33.3	a-e	85.0	a-d	54.13	a-c	541	a-f
ATX 11-1551 B2RF	973	a-f	40.8	ij	4.0	fg	1.17	a-d	35.0	a	85.6	ab	54.69	a	532	a-f
ATX CT14515 B2RF	969	a-f	45.1	ab	4.6	a-e	1.11	d-j	31.7	d-f	83.2	c-e	54.09	a-c	524	a-f
DPX 12R249 B2RF	967	a-f	43.2	c-g	4.5	a-f	1.10	e-j	32.8	a-f	83.9	b-e	53.80	a-c	520	a-f
FM 1944 GLB2	961	b-f	39.3	jk	4.3	c-f	1.13	a-i	30.8	ef	83.1	c-e	54.24	ab	521	a-f
PHY 339 WRF	957	b-f	43.1	d-h	4.5	a-e	1.12	c-j	32.2	b-f	84.1	a-e	54.23	ab	519	a-f
NG 5315 B2RF	947	b-f	45.4	ab	4.6	a-e	1.11	d-j	30.8	ef	84.8	a-e	53.90	a-c	510	b-f
DP 1219 B2RF	934	c-f	41.6	f-i	4.4	a-f	1.10	d-j	31.7	d-f	82.7	e	53.69	a-d	502	c-f
ST 6448 GLB2	934	c-f	42.8	e-h	4.6	a-e	1.18	ab	31.2	ef	84.5	a-e	54.39	a	508	b-f
ATX CT13464 B2RF	931	c-f	40.3	i-k	4.2	d-g	1.14	a-f	34.5	a-c	85.0	a-d	54.55	a	508	b-f
DP 1252 B2RF	926	c-f	46.1	a	4.9	ab	1.08	g-k	31.1	ef	84.1	a-e	52.34	b-e	485	d-f
ATX CT13454 B2RF	923	c-f	39.0	k	4.2	c-g	1.19	a	34.8	ab	86.3	a	54.65	a	504	c-f
DPX 12R224 B2RF	910	d-f	40.8	i-k	4.3	c-f	1.11	d-j	31.3	ef	84.7	a-e	54.00	a-c	491	d-f
ATX 12WSTR-563 B2RF	907	d-f	41.7	f-i	4.4	b-f	1.13	a-h	30.4	f	83.9	b-e	54.23	ab	492	d-f
PHY 222 WRF	897	d-f	41.5	hi	4.9	ab	1.08	f-k	32.5	a-f	85.0	a-d	52.99	a-d	476	d-f
ATX 12WSTR-662 B2RF	874	ef	41.7	f-i	4.4	b-f	1.19	ab	34.6	a-c	84.9	a-e	54.55	a	477	d-f
FM 8270 GLB2	874	ef	39.1	k	4.1	e-g	1.15	a-e	32.8	a-f	84.9	a-e	54.55	a	477	d-f
FM 2334 GLT	850	f	44.9	a-c	4.5	a-f	1.14	a-f	32.8	a-f	84.3	a-e	54.40	a	463	ef
DP 1044 B2RF	838	f	41.0	ij	4.1	e-g	1.10	e-k	31.6	d-f	82.9	de	53.73	a-d	451	f

FM 1830 GLT	831	f	45.1	ab	4.6	a-e	1.14	a-h	32.8	a-f	84.2	a-e	54.21	ab	451	f
Mean	990		42.8		4.4		1.12		32.6		84.4		53.77		527	
P>F	<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001	
HSD (P=.05)	103.04		1.741		0.561		0.065		2.709		2.213		2.039		113.26	
STD DEV	112.64		2.07		0.33		0.04		1.45		1.07		1.13		59.17	
CV%	11.38		4.83		7.34		3.85		4.45		1.26		2.11		11.23	

MATAGORDA MONSTER TRIAL

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PX 3122b-51 WRF	2230	a	41.5	b-h	4.5	b-g	1.24	c-h	32.6	a-d	86.4	a-d	54.69	a	1220	a
PHY 495 W3RF	2230	a	43.3	a-c	4.6	a-f	1.14	k	35.3	a	85.2	a-f	54.50	a	1215	ab
PX 499-36 W3RF	2161	ab	42.7	a-d	4.6	a-f	1.16	jk	34.0	a-d	85.5	a-f	54.50	a	1177	a-c
PX 4444-13 WRF	2158	ab	42.0	a-f	3.9	ij	1.30	ab	32.0	cd	86.5	ab	54.73	a	1181	a-c
PHY 333 WRF	2153	ac	42.7	a-d	4.3	d-i	1.23	c-i	33.0	a-d	85.2	a-f	54.64	a	1176	a-c
ST 4946 GLB2	2121	a-c	39.6	g-k	4.9	ab	1.20	e-j	33.9	a-d	86.1	a-d	53.89	a	1145	a-d
PHY 499 WRF	2109	a-c	42.4	a-e	4.7	a-d	1.19	i-k	34.5	a-c	86.0	a-e	54.56	a	1151	a-d
ATX 12WSTR-557 B2RF	2084	a-c	40.7	d-k	4.5	b-g	1.25	c-e	32.8	a-d	85.5	a-f	54.53	a	1136	a-d
DP 1454 NR B2RF	2069	a-c	41.2	b-i	4.5	a-g	1.17	jk	32.3	b-d	85.0	a-f	54.50	a	1128	a-d
DP 1359 B2RF	2025	a-c	40.1	e-k	4.5	a-g	1.23	c-i	34.7	a-c	85.0	a-f	54.50	a	1104	a-d
DPX 12R249 B2RF	2016	a-c	40.9	c-j	4.5	b-g	1.19	h-k	33.3	a-d	84.0	eff	54.43	a	1097	a-d
DP 1252 B2RF	2008	a-c	44.3	a	4.7	a-e	1.17	jk	32.0	cd	84.8	b-f	54.45	a	1093	a-d
PX 5540-63 WRF	2004	a-c	43.4	ab	4.3	e-i	1.21	e-j	34.4	a-c	85.3	a-f	54.66	a	1096	a-d
FM 1944 GLB2	1980	a-c	38.8	i-k	4.6	a-f	1.27	b-d	32.9	a-d	85.0	a-f	54.50	a	1079	a-d
ATX 12WSTR-755 B2RF	1955	a-c	39.5	h-k	4.3	f-i	1.23	c-i	34.2	a-c	86.2	a-d	54.70	a	1069	a-d
DPX 12R224 B2RF	1949	a-c	39.5	h-k	4.3	c-h	1.21	e-j	31.8	cd	84.9	a-f	54.53	a	1063	a-d
ATX 12WSTR-563 B2RF	1948	a-c	40.0	f-k	4.2	f-j	1.24	c-g	31.2	d	85.0	a-f	54.55	a	1062	a-d
ATX CT14515 B2RF	1922	a-c	43.5	ab	4.4	c-h	1.24	c-h	34.3	a-c	84.9	a-f	54.51	a	1047	a-d
ATX 12LATR-1418X B2RF	1910	a-c	41.2	b-i	4.1	g-j	1.25	c-e	33.0	a-d	85.2	a-f	54.68	a	1044	a-d
NG 1511 B2RF	1909	a-c	42.3	a-f	4.9	a	1.17	jk	33.8	a-d	84.9	a-f	53.73	a	1026	a-d
ATX CT13454 B2RF	1882	a-c	38.3	k	3.8	j	1.32	a	33.8	a-d	86.3	a-d	54.76	a	1031	a-d
ATX CT13464 B2RF	1869	a-c	38.8	jk	4.0	h-j	1.28	a-c	34.2	a-c	86.2	a-d	54.78	a	1024	a-d
PHY 339 WRF	1832	a-c	41.0	c-j	4.3	c-h	1.22	d-i	33.3	a-d	85.8	a-e	54.64	a	1001	a-d
NG 5315 B2RF	1807	a-c	42.0	a-f	4.5	a-f	1.20	e-j	32.6	a-d	85.6	a-f	54.55	a	985	a-d
ST 6448 GLB2	1806	a-c	39.4	h-k	4.4	c-h	1.24	c-i	31.8	cd	83.7	f	54.48	a	984	a-d
ATX 12WSTR-166-3 B2RF	1796	bc	41.3	b-h	4.5	a-g	1.25	c-f	31.3	d	85.2	a-f	54.48	a	978	b-d
DP 1219 B2RF	1768	bc	39.2	h-k	4.3	c-h	1.23	c-i	35.2	ab	85.2	a-f	54.60	a	965	cd
ATX CT13442 B2RF	1767	bc	40.0	f-k	4.5	b-g	1.23	c-i	33.1	a-d	86.6	ab	54.63	a	965	cd
FM 2334 GLT	1751	bc	42.0	a-g	4.5	a-g	1.27	a-d	32.2	b-d	85.9	a-e	54.58	a	956	cd
ATX NB502-49-2R CV	1729	bc	39.3	h-k	4.5	a-g	1.23	c-i	34.3	a-c	86.8	a	54.65	a	945	cd
FM 1830 GLT	1718	c	41.5	b-h	4.7	a-d	1.25	c-f	33.7	a-d	84.6	c-f	53.76	a	925	d

PHY 222 WRF	1704	c	39.3	h-k	4.7	a-c	1.20	f-j	33.2	a-d	86.0	a-d	54.56	a	930	d
DP 1044 B2RF	1692	c	38.9	i-k	4.3	c-h	1.19	g-k	33.1	a-d	84.4	d-f	54.51	a	922	d
ATX NB502-75R CV	1689	c	39.4	h-k	4.5	a-g	1.24	c-h	33.6	a-d	86.4	a-c	54.63	a	923	d
Mean	1934		40.9		4.4		1.22		33.3		85.4		54.51		1054	
P>F	<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		0.1808		<0.0001	
HSD (P=.05)	431.94		2.421		0.428		0.052		2.928		1.948		1.204		239.84	
STD DEV	210.62		1.77		0.28		0.04		1.40		0.96		0.45		115.88	
CV%	10.89		4.33		6.30		3.47		4.19		1.12		0.82		10.99	

WESLACO MONSTER TRIAL

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value ($/Ac)	
PHY 333 WRF	2834	a	40.4	e-k	4.0	g-i	1.22	c-h	31.7	b-h	84.4	a-d	54.60	ab	1547	a
PX 499-36 W3RF	2807	ab	42.9	a-c	4.5	a-e	1.16	k	32.1	a-h	84.6	a-d	54.44	ab	1528	ab
PX 5540-63 WRF	2755	ab	43.3	ab	3.7	i	1.19	e-k	32.4	a-h	84.6	a-d	54.63	a	1505	ab
DPX 12R249 B2RF	2697	a-c	41.2	b-i	4.4	a-g	1.19	d-k	31.9	a-h	83.4	b-d	54.38	ab	1466	a-c
PX 3122b-51 WRF	2626	a-c	40.0	e-k	4.1	d-i	1.24	c-e	32.3	a-h	85.9	a	54.75	a	1438	a-c
PHY 499 WRF	2613	a-c	42.1	a-f	4.7	a	1.17	jk	33.1	a-e	85.5	ab	54.53	ab	1425	a-c
PHY 495 W3RF	2599	a-c	41.9	a-g	4.4	a-g	1.16	k	34.1	a	85.3	a-c	54.56	ab	1418	a-c
DP 1359 B2RF	2582	a-c	41.9	a-g	4.3	a-h	1.21	c-j	33.6	a-c	83.8	a-d	54.44	ab	1406	a-c
DP 1219 B2RF	2566	a-c	39.9	f-l	4.0	f-i	1.21	d-j	33.5	a-d	84.0	a-d	54.56	ab	1400	a-c
PX 4444-13 WRF	2549	a-c	42.1	a-e	3.7	i	1.31	ab	31.2	d-h	84.5	a-d	54.06	b	1380	a-c
ATX 12WSTR-755 B2RF	2533	a-c	38.8	j-m	4.3	a-h	1.22	c-i	33.5	a-d	84.7	a-d	54.55	ab	1382	a-c
ST 4946 GLB2	2487	a-c	39.0	i-n	4.5	a-f	1.19	f-k	34.0	ab	84.8	a-d	54.51	ab	1356	a-c
ATX CT13442 B2RF	2457	a-c	40.2	e-k	4.6	a-d	1.19	g-k	32.3	a-h	85.1	a-d	54.51	ab	1339	a-c
ATX 11-1551 B2RF	2451	a-c	39.0	i-m	4.1	e-i	1.26	bc	32.2	a-h	85.0	a-d	54.65	a	1340	a-c
NG 1511 B2RF	2440	a-c	41.9	a-g	4.8	a	1.17	jk	32.0	a-h	84.7	a-d	54.43	ab	1328	a-c
DPX 12R224 B2RF	2420	a-c	38.3	k-n	4.0	f-i	1.20	d-k	31.1	e-h	84.1	a-d	54.49	ab	1319	a-c
PHY 339 WRF	2416	a-c	40.7	c-j	3.9	hi	1.23	c-g	32.7	a-g	84.9	a-d	54.66	a	1320	a-c
ATX CT14515 B2RF	2393	a-c	43.1	ab	4.5	a-g	1.23	c-g	31.9	a-h	84.5	a-d	54.44	ab	1302	a-c
ATX CT13464 B2RF	2383	a-c	39.5	h-l	4.1	e-i	1.23	c-g	33.4	a-d	84.7	a-d	54.63	a	1301	a-c
DP 1252 B2RF	2340	a-c	43.8	a	4.6	a-c	1.17	i-k	31.0	e-h	84.1	a-d	54.31	ab	1271	a-c
DP 1454 NR B2RF	2330	a-c	42.4	a-d	4.7	ab	1.17	jk	30.7	f-h	84.2	a-d	54.26	ab	1265	a-c
ATX CT13454 B2RF	2323	a-c	37.7	l-n	4.1	e-i	1.32	a	33.4	a-d	85.9	a	54.71	a	1271	a-c
ATX 12WSTR-557 B2RF	2315	a-c	39.9	g-l	4.4	a-h	1.24	cd	33.0	a-f	84.8	a-d	54.60	ab	1264	a-c
ATX 12WSTR-563 B2RF	2305	a-c	40.5	d-k	4.4	a-h	1.20	d-k	31.0	e-h	83.2	cd	54.35	ab	1253	a-c
FM 1944 GLB2	2281	a-c	37.1	mn	4.2	b-i	1.22	c-h	31.8	b-h	83.0	d	54.43	ab	1241	a-c
FM 1830 GLT	2226	a-c	41.5	b-h	4.7	ab	1.24	c-f	33.4	a-d	84.4	a-d	54.45	ab	1212	a-c
PHY 222 WRF	2193	a-c	38.6	j-n	4.6	a-c	1.18	g-k	31.6	c-h	85.7	a	54.51	ab	1196	a-c
DP 1044 B2RF	2121	a-c	38.7	j-n	4.3	a-h	1.18	h-k	31.8	b-h	83.5	b-d	54.44	ab	1155	a-c
ST 6448 GLB2	2115	a-c	38.4	k-n	4.6	ab	1.24	c-e	30.3	h	83.5	b-d	54.20	ab	1146	a-c
FM 2334 GLT	2110	a-c	40.7	c-j	4.6	ab	1.22	c-h	32.4	a-h	84.4	a-d	54.45	ab	1149	a-c
NG 5315 B2RF	2084	bc	41.2	b-i	4.6	a-e	1.18	g-k	30.5	gh	84.7	a-d	54.26	ab	1130	bc

FM 8270 GLB2	1972	c	36.5	n	4.1	c-i	1.23	c-g	33.8	a-c	85.1	a-d	54.64	a	1077	c
Mean	2416		40.4		4.3		1.21		32.3		84.5		54.48		1317	
P>F	0.0003		<0.0001		<0.0001		<0.0001		<0.0001		<0.0001		0.0013		0.0002	
HSD (P=.05)	747.2		2.02		0.503		0.05		2.337		2.127		0.562		407.64	
STD DEV	318.48		1.98		0.33		0.04		1.30		0.98		0.23		174.24	
CV%	13.18		4.89		7.67		3.35		4.02		1.16		0.43		13.23	