

Table xx. San Patricio County RACE Trial, 2020

Cooperator: Robert Rieder

Bob McCool - San Patricio County Extension Agent, Agriculture and Natural Resources

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac)	
PHY 480 W3FE	1059	a	43.7	b	4.1	cd	1.11	d	30.7	cd	83.8	ab	53.78	bc	570	a
DG 3555 B3XF	1008	ab	42.4	c	3.8	e	1.16	b	30.9	cd	82.7	c	54.02	abc	545	ab
NG 4098 B3XF	1001	abc	41.3	d	4.1	cd	1.20	a	36.0	a	82.7	c	54.28	a	543	ab
ST 4550 B3XF	992	bc	44.9	a	4.4	ab	1.11	d	31.6	c	83.3	abc	53.83	bc	534	bc
FM 2398 GLTP	988	bc	44.0	ab	4.2	bc	1.09	d	29.8	d	81.6	d	53.05	d	524	bcd
DP 1646 B2XF	953	bcd	44.2	ab	4.4	a	1.19	a	31.0	cd	83.7	abc	54.17	a	516	bcd
PHY 400 W3FE	936	cd	43.2	bc	3.8	e	1.15	bc	32.0	c	83.3	abc	54.10	ab	506	cde
DP 1845 B3XF	916	d	43.3	bc	4.4	ab	1.20	a	34.3	b	83.5	abc	54.30	a	497	de
NG 4936 B3XF	913	d	41.1	d	4.0	de	1.15	bc	30.1	d	83.9	a	53.75	c	491	de
ST 4990 B3XF	894	d	41.1	d	4.2	cd	1.13	c	29.8	d	82.8	bc	53.73	c	480	e
Mean	966		42.9		4.1		1.15		31.6		83.1		53.90		521	
P>F	0.0087		<0.0001		0.0002		<0.0001		<0.0001		0.0286		0.0001		0.0091	
LSD (P=.10)	66.574		1.027		0.211		0.026		1.365		1.021		0.327		35.709	
STD DEV	68.34		1.46		0.26		0.04		2.16		0.90		0.41		36.85	
CV%	7.08		3.40		6.18		3.45		6.84		1.08		0.75		7.08	

Table xx. Nueces County RACE Trial, 2020

Cooperator: Darrell Lawhon

Jason Ott - Nueces County Extension Agent, Agriculture and Natural Resources

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity	Loan Value (¢/lbs)		Lint Value (\$/Ac)		
FM 2398 GLTP	1374	a	43.9	b	4.9	a	1.14	de	29.3	d	83.1		53.62	de	737	a
NG 4936 B3XF	1326	ab	42.8	bc	4.4	de	1.16	cd	31.4	b	82.8		54.08	abc	717	a
DP 1646 B2XF	1324	ab	43.1	bc	4.5	c	1.19	ab	29.8	d	83.1		53.98	a-d	715	a
PHY 400 W3FE	1305	abc	40.9	e	4.2	f	1.16	cd	29.7	d	83.0		53.87	bcd	703	ab
PHY 480 W3FE	1314	abc	42.3	cd	4.5	cd	1.12	e	30.1	cd	83.6		53.45	e	702	ab
DG 3555 B3XF	1284	bcd	42.0	cde	4.1	g	1.17	bc	30.1	cd	83.4		53.92	a-d	692	abc
ST 4990 B3XF	1234	cde	39.4	f	4.3	ef	1.15	d	29.9	d	83.3		53.70	cde	663	bcd
DP 1845 B3XF	1203	de	43.2	bc	4.3	ef	1.20	a	31.2	bc	83.2		54.10	ab	651	cde
NG 4098 B3XF	1180	e	41.2	de	4.4	de	1.20	a	33.8	a	83.3		54.30	a	641	de
ST 4550 B3XF	1151	e	45.1	a	4.7	b	1.09	f	29.3	d	82.6		52.93	f	610	e
Mean	1269		42.4		4.4		1.16		30.5		83.1		53.80		683	
P>F	0.0044		<0.0001		<0.0001		<0.0001		<0.0001		0.6676		0.0006		0.0038	
LSD (P=.10)	87.13		1.229		0.121		0.026		1.159		NS		0.393		47.143	
STD DEV	91.58		1.71		0.23		0.04		1.49		0.62		0.44		49.75	
CV%	7.21		4.04		5.25		3.19		4.89		0.74		0.82		7.28	

Table xx. Nueces County RACE Trial, 2020

Cooperator: Texas A&M AgriLife Research and Extension Center

Jason Ott - Nueces County Extension Agent, Agriculture and Natural Resources

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity	Loan Value (¢/lbs)		Lint Value (\$/Ac)	
NG 4936 B3XF	1626	ab	40.1	de	4.0	cd	1.19	bc	30.5	cd	84.2	54.09	a	879	a
FM 2398 GLTP	1618	ab	43.0	a	4.5	a	1.15	d	30.9	bcd	83.6	53.89	a	872	a
ST 4550 B3XF	1605	ab	43.5	a	4.3	b	1.12	ef	31.5	bc	83.3	53.71	ab	862	ab
DG 3555 B3XF	1641	a	39.4	e	3.5	f	1.20	bc	32.0	b	83.6	51.89	bc	852	ab
PHY 400 W3FE	1572	abc	41.8	c	3.7	ef	1.13	de	31.8	b	82.8	53.84	ab	846	ab
ST 4990 B3XF	1488	a-d	39.3	e	4.1	c	1.18	c	30.1	d	84.3	54.00	a	803	abc
NG 4098 B3XF	1460	bcd	37.8	f	3.8	de	1.22	a	33.9	a	83.0	54.29	a	792	abc
DP 1646 B2XF	1404	cde	42.9	ab	4.0	cd	1.20	abc	30.2	cd	83.3	54.04	a	759	bcd
PHY 480 W3FE	1398	de	41.0	cd	3.5	f	1.11	f	31.1	bcd	82.9	50.65	c	710	cd
DP 1845 B3XF	1251	e	41.8	bc	3.7	ef	1.21	ab	31.9	b	83.4	53.00	ab	666	d
Mean	1506		41.1		3.9		1.17		31.4		83.4	53.3		804	
P>F	0.0084		<0.0001		<0.0001		<0.0001		0.0011		0.1756	0.0735		0.0181	
LSD (P=.10)	171.85		1.108		0.187		0.022		1.275		NS	1.989		104.73	
STD DEV	177.54		2.00		0.37		0.04		1.40		0.84	1.85		103.81	
CV%	11.79		4.87		9.39		3.68		4.47		1.00	3.46		12.91	

Table xx. Nueces County RACE Trial, 2020

Cooperator: Jim Massey

Jason Ott - Nueces County Extension Agent, Agriculture and Natural Resources

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)	Turnout %	Micronaire	Length (inches)	Strength (g/tex)	Uniformity	Loan Value (¢/lbs)	Lint Value (\$/Ac)						
FM 2398 GLTP	1393	a	41.8	b	5.0	a	1.13	e	31.2	cd	83.5	ab	53.03	738
DG 3555 B3XF	1308	b	38.9	c	4.0	e	1.18	bc	32.2	bc	83.5	ab	54.25	710
NG 4936 B3XF	1288	bc	38.3	c	4.3	cd	1.18	c	31.0	cd	84.0	a	54.05	696
DP 1646 B2XF	1285	bc	41.0	b	4.3	d	1.20	ab	31.0	cd	82.8	bc	54.05	695
DP 1845 B3XF	1278	bc	41.5	b	4.3	cd	1.20	a	33.0	b	83.5	ab	54.30	694
ST 4550 B3XF	1287	bc	42.7	a	4.6	bc	1.11	f	31.6	bc	83.0	bc	53.67	690
NG 4098 B3XF	1239	bc	38.1	c	4.4	bc	1.20	a	35.6	a	82.3	c	54.22	672
ST 4990 B3XF	1220	c	38.1	c	4.4	cd	1.15	d	29.9	d	83.5	ab	53.87	657
Mean	1287		40.1		4.4		1.17		31.9		83.3		53.9	694
P>F	0.0605		<0.0001		<0.0001		<0.0001		0.0007		0.0634		0.242	0.1034
LSD (P=.10)	79.515		0.902		0.141		0.016		1.585		0.821		NS	NS
STD DEV	69.07		1.90		0.29		0.03		1.88		0.72		0.61	33.65
CV%	5.37		4.75		6.56		2.93		5.90		0.87		1.13	4.85

Table xx. Refugio County RACE Trial, 2020

Cooperator: Jimmy Jackson

Candace Moeller - Refugio County Extension Agent, Agriculture and Natural Resources

Stephen Biles - Victoria, Calhoun, and Refugio County IPM Agent, Port Lavaca

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac)	
DG 3555 B3XF	1888	a	43.3	de	4.4	d	1.19	cd	32.7	bcd	83.8	cd	54.23	a	1024	a
PHY 480 W3FE	1886	a	45.5	b	4.6	c	1.15	fg	32.7	bcd	84.4	bc	54.16	a	1022	a
DP 1845 B3XF	1766	ab	46.1	ab	4.7	bc	1.24	a	34.2	ab	85.2	a	54.36	a	960	ab
DP 1646 B2XF	1730	ab	45.3	bc	4.8	bc	1.19	cd	31.0	e	84.2	bc	53.59	ab	927	bc
NG 4098 B3XF	1687	b	42.7	e	4.7	bc	1.22	b	35.7	a	83.4	d	54.29	a	916	bc
NG 4936 B3XF	1680	b	42.9	e	4.7	c	1.18	cde	31.1	e	84.5	ab	54.16	a	910	bc
PHY 400 W3FE	1637	b	44.7	bcd	4.6	cd	1.16	ef	33.9	b	84.1	bc	54.21	a	888	bc
FM 2398 GLTP	1702	b	45.7	ab	5.1	a	1.16	efg	31.5	cde	83.9	bcd	51.88	c	884	bc
ST 4550 B3XF	1637	b	47.3	a	4.9	bc	1.14	g	32.9	bc	83.7	cd	52.84	b	864	cd
ST 4990 B3XF	1461	c	43.7	cde	4.7	c	1.17	de	31.2	de	84.5	ab	54.14	a	791	d
Mean	1707		44.7		4.7		1.18		32.7		84.2		53.79		918	
P>F	0.007		0.0008		0.0015		<0.0001		0.0001		0.0101		0.0008		0.0042	
LSD (P=.10)	166.08		1.707		0.224		0.019		1.565		0.699		0.919		90.17	
STD DEV	170.73		1.92		0.25		0.03		1.88		0.71		1.03		94.71	
CV%	10.00		4.29		5.19		2.68		5.76		0.84		1.92		10.31	

Table xx. Refugio County RACE Trial, 2020

Cooperator: Richard Niemann

Candace Moeller - Refugio County Extension Agent, Agriculture and Natural Resources

Stephen Biles - Victoria, Calhoun, and Refugio County IPM Agent, Port Lavaca

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity	Loan Value (¢/lbs)		Lint Value (\$/Ac)		
PHY 400 W3FE	1148	a	44.7	a	4.7	cd	1.15	de	35.1	abc	83.2		54.10	a	621	a
DP 1845 B3XF	1059	b	45.5	a	4.8	bcd	1.22	a	35.2	ab	84.4		54.35	a	576	ab
DP 1646 B2XF	1045	b	45.1	a	4.9	b	1.20	ab	31.8	e	84.1		54.28	a	567	b
PHY 480 W3FE	1044	b	44.6	a	4.8	bc	1.11	f	33.2	de	83.8		53.72	a	560	bc
NG 4936 B3XF	988	bcd	41.3	c	4.7	cd	1.19	bc	31.9	e	84.2		54.27	a	536	bcd
DG 3555 B3XF	1021	bc	44.6	a	5.3	a	1.13	ef	31.8	e	83.8		50.57	c	517	cde
ST 4990 B3XF	936	d	41.1	c	4.8	bc	1.17	cd	32.3	de	84.1		54.18	a	507	de
NG 4098 B3XF	937	cd	42.0	bc	4.9	b	1.21	a	36.2	a	84.1		52.77	b	495	def
ST 4550 GLTP	958	cd	45.2	a	5.2	a	1.11	f	33.7	cd	84.2		50.95	c	488	ef
FM 2398 GLTP	840	e	43.0	b	4.6	d	1.14	de	33.8	bcd	84.1		54.18	a	455	f
Mean	998		43.7		4.9		1.16		33.5		84.0		53.34		532	
P>F	0.0006		<0.0001		<0.0001		<0.0001		0.0005		0.8662		<0.0001		0.0003	
LSD (P=.10)	84.93		1.025		0.193		0.026		1.552		NS		0.883		47.05	
STD DEV	100.00		1.75		0.25		0.04		1.77		0.76		1.47		56.82	
CV%	10.02		3.99		5.24		3.62		5.28		0.91		2.76		10.67	

Table xx. Calhoun County RACE Trial, 2020

Cooperator: Danny May

Greg Baker - Calhoun County Extension Agent, Agriculture and Natural Resources

Stephen Biles - Victoria, Calhoun, and Refugio County IPM Agent, Port Lavaca

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac)	
PHY 400 W3FE	1391	a	43.9	c	4.7	c	1.20	cd	34.4	b	84.7	abc	54.37		756	a
PHY 480 W3FE	1376	a	43.2	cd	4.8	bc	1.13	e	32.4	c	84.4	bcd	53.28		733	a
NG 4936 B3XF	1300	ab	42.3	d	4.8	bc	1.16	d	30.2	d	83.6	de	53.97		702	ab
FM 2398 GLTP	1369	a	43.4	c	5.3	a	1.18	cd	33.1	c	84.3	bcd	50.98		699	ab
DP 1646 B2XF	1198	bc	44.3	bc	5.0	b	1.23	b	32.5	c	84.8	abc	53.55		642	bc
DG 3555 B3XF	1196	bc	43.6	c	4.9	b	1.11	e	30.7	d	84.0	cde	52.88		635	bc
ST 4550 B3XF	1163	bc	45.2	ab	4.9	b	1.11	e	32.1	c	83.4	e	53.18		619	bc
ST 4990 B3XF	1079	cd	40.5	e	4.9	b	1.17	d	32.6	c	85.1	ab	54.28		586	cd
DP 1845 B3XF	1065	cd	45.4	a	5.0	b	1.22	b	34.7	b	84.9	ab	53.60		571	cd
NG 4098 B3XF	970	d	41.0	e	4.9	bc	1.28	a	36.7	a	85.5	a	53.62		520	d
Mean	1211		43.3		4.9		1.18		32.9		84.5		53.37		646	
P>F	0.001		<0.0001		0.0109		<0.0001		<0.0001		0.0143		0.1103		0.003	
LSD (P=.10)	152.54		1.084		0.193		0.022		1.191		0.8722		NS		87.13	
STD DEV	193.44		1.69		0.19		0.05		1.96		0.86		1.35		105.04	
CV%	15.98		3.90		3.91		4.53		5.96		1.02		2.53		16.25	

Table xx. Willacy County RACE Trial, 2020

Cooperator: Salazar Farms

Matthew Rodriguez - Willacy County Extension Agent, Agriculture and Natural Resources

Danielle Sekula - Hidalgo, Cameron, and Willacy County IPM Agent - Weslaco, TX

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac)	
DP 1845 B3XF					4.4	def	1.16	a	32.9	a	82.6		54.08			
DP 1646 B2XF					4.6	a-d	1.14	ab	30.5	bcd	81.6		53.77			
DG 3555 B3XF					4.1	f	1.11	bc	30.7	bc	82.7		53.50			
NG 4098 B3XF					4.5	b-e	1.12	abc	31.4	ab	81.7		53.18			
FM 2398 GLTP					4.8	a	1.08	cd	29.1	de	81.8		52.57			
PHY 400 W3FE					4.7	ab	1.08	cd	30.5	bcd	80.6		52.50			
ST 4990 B3XF					4.4	cde	1.07	d	29.6	cde	82.0		52.35			
NG 4936 B3XF					4.4	c-f	1.07	d	29.2	de	81.7		51.47			
ST 4550 GLTP					4.7	abc	1.06	d	29.8	cde	82.7		51.42			
PHY 480 W3FE					4.3	ef	1.06	d	28.8	e	81.7		51.32			
Mean					4.5		1.09		30.3		81.9		52.62			
P>F					0.0099		0.0024		0.0059		0.4564		0.2532			
LSD (P=.10)					0.272		0.041		1.517		NS		NS			
STD DEV					0.27		0.04		1.49		1.08		1.51			
CV%					5.93		3.90		4.92		1.32		2.88			

Table xx. Hidalgo County RACE Trial, 2020

Cooperator: Rudy Gonzalez

Vidal Saenz - Hidalgo County Extension Agent, Agriculture and Natural Resources

Danielle Sekula - Hidalgo, Cameron, and Willacy County IPM Agent - Weslaco, TX

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)	Turnout %	Micronaire	Length (inches)	Strength (g/tex)	Uniformity	Loan Value (¢/lbs)	Lint Value (\$/Ac)				
DG 3555 B3XF			4.5	de	1.20	cd	32.8	b	84.8		54.33	a
NG 4098 B3XF			4.2	e	1.23	abc	34.9	a	83.7		54.33	a
DP 1646 B2XF			4.7	bcd	1.25	a	32.6	b	84.6		54.32	a
DP 1845 B3XF			4.6	cd	1.24	ab	32.9	b	84.2		54.30	a
NG 4936 B3XF			4.7	bcd	1.21	bcd	31.7	bc	84.3		54.22	a
PHY 400 W3FE			4.5	de	1.16	ef	32.4	bc	83.5		54.18	a
PHY 480 W3FE			4.5	de	1.16	ef	31.4	bc	85.4		54.17	a
ST 4990 B3XF			4.8	bc	1.19	de	30.8	c	83.5		54.10	a
ST 4550 GLTP			4.9	b	1.13	f	32.4	bc	84.4		53.28	b
FM 2398 GLTP			5.5	a	1.16	ef	31.4	bc	83.9		50.27	c
Mean			4.7		1.19		32.3		84.2		53.75	
P>F			<0.0001		0.0003		0.0258		0.3017		<0.0001	
LSD (P=.10)			0.253		0.037		1.642		NS		0.682	
STD DEV			0.36		0.04		1.51		1.06		1.28	
CV%			7.76		3.70		4.66		1.25		2.39	

Table xx. DeWitt County RACE Trial, 2020

Cooperator: Joseph Respondek

Anthony Netardus - DeWitt County Extension Agent, Agriculture and Natural Resources

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity	Loan Value (¢/lbs)		Lint Value (\$/Ac)	
PHY 480 W3FE	897	a	44.4	a	3.8	b	1.04	f	30.3	b	81.4	50.23	cde	451	a
PHY 400 W3FE	894	a	43.8	ab	3.5	cd	1.07	ef	29.5	b	80.2	47.48	f	425	ab
ST 4550 GLTP	833	ab	44.7	a	4.1	a	1.04	f	30.4	b	81.3	49.77	def	414	abc
DG 3555 B3XF	823	abc	41.5	cd	3.4	d	1.09	cde	29.6	b	81.6	49.15	ef	405	abc
NG 4936 B3XF	743	bcd	41.3	cd	3.6	bcd	1.12	bc	28.4	b	82.0	53.42	ab	397	abc
NG 4098 B3XF	713	cd	40.3	d	3.7	bcd	1.16	a	34.0	a	81.3	54.08	a	385	bc
DP 1845 B3XF	709	d	43.5	ab	3.9	ab	1.13	ab	32.4	a	81.1	53.83	ab	382	bc
DP 1646 B2XF	690	de	43.8	ab	3.6	bcd	1.12	bc	28.9	b	80.9	51.70	bcd	357	cd
ST 4990 B3XF	660	de	40.4	d	3.7	bc	1.11	bcd	29.7	b	81.1	53.45	ab	353	cd
FM 2398 GLTP	595	e	42.4	bc	3.9	ab	1.08	de	29.1	b	80.9	52.40	abc	312	d
Mean	756		42.6		3.7		1.10		30.2		81.2	51.55		388	
P>F	0.0018		0.0001		0.0122		<0.0001		0.0036		0.6969	0.0009		0.0559	
LSD (P=.10)	111.6		1.444		0.287		0.035		2.009		NS	2.342		63.552	
STD DEV	116.36		1.79		0.26		0.04		2.03		0.91	2.56		52.39	
CV%	15.40		4.20		7.14		4.01		6.72		1.12	4.97		13.50	