

Table xx. Hidalgo County RACE Trial, 2019

Cooperator: Texas AgriScience - Lyford, 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)	
PX3B07 W3	1340	ab	40.0	bc	4.4	cde	1.18	c	33.6	a	83.5	def	54.30	a	727	a
FM 2398 G	1374	a	42.0	a	5.1	a	1.14	de	31.6	b	84.0	cd	52.08	b	715	ab
ST 4848 GL	1302	bc	39.4	bcd	4.7	b	1.15	d	31.5	bc	84.6	bc	54.08	a	704	ab
PHY 480 W	1272	bc	39.1	cde	4.4	cde	1.15	d	32.2	ab	84.1	cd	54.13	a	688	bc
DG 3555 B3	1225	cd	38.2	ef	4.3	de	1.18	c	32.0	ab	85.5	a	54.41	a	667	c
DP 1845 B3	1222	cde	37.2	g	4.2	e	1.19	bc	32.0	ab	85.3	ab	54.35	a	664	c
DP 1646 B2	1159	def	40.3	b	4.5	bc	1.21	ab	30.8	bc	83.2	ef	54.06	a	626	d
NG 4936 B3	1153	ef	37.7	fg	4.5	bcd	1.19	bc	29.9	c	83.8	cde	53.98	a	622	d
NG 5711 B3	1136	f	38.9	de	4.5	bc	1.22	a	32.1	ab	83.8	de	54.24	a	616	d
ST 5471 GL	1107	f	37.4	fg	4.6	bc	1.12	e	32.2	ab	82.8	f	53.91	a	597	d
Mean	1229		39.0		4.5		1.17		31.8		84.1		53.95		663	
P>F	<0.0001		<0.0001		<0.0001		<0.0001		0.0883		0.0001		0.0018		<0.0001	
SD (P=.10)	70.34		1.014		0.233		0.023		1.677		0.8465		0.8006		33.67	
STD DEV	102.22		1.60		0.30		0.03		1.51		1.02		0.87		50.90	
CV%	8.32		4.10		6.58		2.87		4.74		1.22		1.62		7.68	

Table xx. Hidalgo County RACE Trial, 2019

Cooperator: Richard Drawe

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)	
PX3B07 W3	1706	a	44.2	bc	4.6	d	1.16	cd	32.4	a	82.4	cd	54.10	a	923	a
DP 1646 B2	1528	bc	44.3	b	4.9	bc	1.23	a	30.8	b	83.7	abc	53.35	a	817	b
DP 1845 B3	1448	bcd	46.0	a	4.7	cd	1.23	a	33.3	a	84.3	a	54.33	a	787	b
ST 4848 GL	1552	ab	44.7	b	5.3	a	1.11	e	30.8	b	82.6	bcd	50.10	b	777	b
ST 5471 GL	1418	b-e	42.1	e	4.9	b	1.15	d	32.9	a	83.1	abc	53.32	a	752	b
PHY 480 W	1382	cde	43.4	d	4.7	cd	1.15	d	32.9	a	84.4	a	54.20	a	749	b
NG 4936 B3	1354	de	41.2	f	4.5	d	1.20	ab	30.0	b	84.2	a	54.05	a	732	b
FM 2398 G	1253	e	44.7	b	5.3	a	1.19	bc	32.5	a	84.1	ab	50.95	b	638	c
NG 5711 B3	1016	f	43.7	cd	4.7	bcd	1.18	bcd	30.3	b	81.5	d	53.95	a	548	d
Mean	1406		43.8		4.8		1.18		31.8		83.4		53.15		747	
P>F	0.0002		<0.0001		0.0004		0.0003		0.0079		0.0421		0.0001		<0.0001	
SD (P=.10)	167.8		0.626		0.275		0.035		1.555		1.508		1.2957		85.66	
STD DEV	244.38		1.44		0.34		0.04		1.51		1.30		1.65		129.58	
CV%	17.38		3.28		6.94		3.67		4.75		1.56		3.10		17.35	