

**2025 REPLICATED AGRONOMIC COTTON
EVALUATION (RACE) SOUTH, EAST AND
CENTRAL REGIONS OF TEXAS**



REPLICATED AGRONOMIC COTTON EVALUATION (RACE)

SOUTH, EAST AND CENTRAL REGIONS OF TEXAS, 2025

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Appreciation is expressed to the cooperators that provided their land, equipment and time in assisting with prepping, planting, managing and harvesting of these plots throughout the year. All cooperators are listed in Table 1. In addition, we would like to extend our appreciation to **Cotton Incorporated** through the **Texas State Support Committee, Americot/NexGen, BASF, Croplan Genetics, Delta Pine, Dyna-Gro, and PhytoGen** for their partial funding of these trials.

2025 HIGHLIGHTS

Variety selection is one of the most important decisions a cotton producer will make each year. Unlike herbicide or insecticide choices, which can be adjusted throughout the season to address specific conditions, variety selection is made once and dictates field management for the entire season. This decision should prioritize genetics, followed by transgenic technology, with a focus on key agronomic traits such as yield, maturity, and fiber quality. Figure 1 illustrates Texas' cotton production regions.

To help Texas cotton producers remain competitive across regions such as the Lower Rio Grande Valley, Blacklands, South Texas/Wintergarden, and Upper Coastal areas (Figure 1), the Texas A&M AgriLife Extension Service-Cotton Agronomy program has conducted large-plot, on-farm, replicated variety trials for the past 25 years. This collaborative approach, involving all seed companies, provides valuable data to guide variety selection. These trials are managed by producers on their farms.

In 2025, 18 Replicated Agronomic Cotton Evaluation (RACE) Trials and 4 Monster trials were harvested, though some were impacted by extended fall rains and herbicide injury. Harvested locations are listed in Table 1.

2025 RACE Trials Yields:

- Non-irrigated yields ranged from 2,204 lbs/ac at Falls County to 398 lbs/ac at Navarro County.
- Irrigated yields ranged from 2,204 lbs/ac in Burleson County to 738 lbs/ac in Hidalgo County.
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All major cotton seed companies offering GlyTol® LibertyLink®, XtendFlex®, or Enlist® technology were invited to participate, submitting at least one variety at each location. All varieties were treated with premium seed treatment packages. Descriptions of these varieties, as provided by the companies, are listed on pages 7-9.

Trial Details:

Table 1 outlines the cooperators, planting and harvest dates, row spacing, and plot area for each location. Tables 2-5 provide yield rankings for varieties across all locations within each production region.

Tables 6-25 present detailed data for each RACE trial, including yield, fiber quality, turnout, loan values, and gross lint value per acre. Most locations used a 20-saw table-top gin without a lint cleaner, which typically results in higher lint turnout percentages than commercial ginning methods. This means the yields presented are generally higher than regional averages. All data were standardized to a 41-4 color grade and leaf class, as accurate grading is not possible without a lint cleaner.

Additionally, 2025 included several Monster cotton variety trials (Tables 26-31), which evaluated a broader range of commercially available and experimental varieties. Final yields and grades for these trials are included in the publication.

Statistical Analysis:

The statistical analysis accounts for variability in test site conditions, such as soil type and insect damage. A Coefficient of Variation (CV) of 10% or less is typically considered acceptable, indicating reliable data. Trials with smaller Least Significant Differences (LSD) show more consistent results and a higher likelihood of detecting differences between varieties. A trial with a large LSD or CV suggests greater variability at that location. Non-significant results are denoted as “NS” (no significant differences), indicating no variety differences at the 90% confidence level.

High Plains

Rolling Plains

Central Blacklands

South Texas

Coastal Bend

Rio Grande Valley

Winter Garden

El Paso - Pecos Valley

Variety Characteristics/Highlights

Below are the cotton variety characteristics and highlights that were included in the 2025 RACE trials. These cotton variety descriptions were provided by individual seed company representatives or publicly available information.

DeltaPine 2012 B3XF

- Smooth leaf, early maturity variety
- Bacterial blight resistant
- Above average fiber quality
- Medium plant type that responds well to PGR management

DeltaPine 2020 B3XF

- Semi-smooth leaf, early-mid maturity variety
- Bacterial blight resistant
- Above average fiber quality
- Medium plant type that responds well to PGR management

DeltaPine 2131 B3TXF

- Mid maturity, smooth leaf variety
- Med-tall plant that responds best to early season PGR management
- Moderate resistance to bacterial blight
- Outstanding fiber quality

DeltaPine 2239 B3XF

- Mid-maturity, medium plant type that is responsive to PGRs
- Smooth leaf
- Good fiber quality package, especially fiber staple

DeltaPine 2333 B3XF

- Mid-maturity, smooth leaf variety
- May require aggressive PGR management under good growing conditions
- Bacterial blight resistant
- Plant on favorable dryland and irrigated acres

Dyna-Gro 3456 B3XF

- Mid- early maturity
- Medium plant height
- Smooth leaf
- Bacterial blight susceptible
- Manage aggressively with PGR

Dyna-Gro 3528 B3XF

- Medium maturity, medium plant height
- Smooth leaf

- Bacterial blight resistant
- High yield potential

Dyna-Gro 3555 B3XF

- Medium maturity, medium plant height
- Semi-smooth leaf
- Bacterial blight resistant
- Excellent fiber quality
- Responds well to PGR management

NexGen 3457 B3XF

- Early maturing variety with excellent vigor
- Semi-Smooth leaf
- Bacterial blight resistant
- Consistent yield and fiber quality across management practices
- Short to Medium plant type that responds well to PGR management

NexGen 4190 B3XF

- Mid-maturing, smooth leaf variety
- Medium-tall plant height
- Broadly adapted to Central and South Texas that performs on both dryland and irrigated acres
- Possesses an excellent fiber package

NexGen 4507 B3TXF

- Semi-smooth leaf
- Mid maturity
- Excellent emergence and seedling vigor
- Resistant to bacterial blight
- Responsive to PGR management
- Excellent fiber quality package

NexGen 5430 B3XF

- Smooth leaf
- Mid-full maturity
- Aggressive growth habit, requires PGR management
- Consistent dryland performance
- Large seed size and good emergence
- Good storm tolerance

Phytogen 137 W3E1

- Early-mid maturity
- Bacterial blight and root knot nematode resistant

- Exceptional yield potential, fiber length, and overall quality
- Medium-tall plant that requires timely PGR management

Phytogen 415 W3FE

- Mid maturity
- Bacterial blight and root knot nematode resistant
- Excellent yield potential with superior fiber quality
- Medium plant height, bushy growth like PHY 400 but taller and requires more PGR

PhytoGen 332 W3FE

- Early-mid maturity; semi-smooth leaf
- Resistant to bacterial blight, root-knot and reniform nematodes
- Exceptional yield, fiber length and overall quality
- Medium-tall plant that responds well to PGR management
- Tolerance to Enlist, glyphosate and glufosinate with WideStrike 3 lep control

PhytoGen 400 W3FE

- Early-mid maturity; semi-smooth leaf
- Resistant to bacterial blight and root-knot nematodes
- Very broadly adapted with excellent yield and quality
- Short-medium height plant; easy to manage with PGRs
- Tolerance to Enlist, glyphosate, and glufosinate herbicides with Widestrike 3 lep control

PhytoGen 411 W3FE

- Mid-maturity; semi-smooth leaf
- Resistant to bacterial blight, root-knot nematodes, and reniform nematodes
- High-end yield potential
- Medium-tall plant that responds well to PGR management
- Tolerance to Enlist, glyphosate, and glufosinate herbicides with Widestrike 3 lep control

Stoneville 4595 B3XF

- Good emergence and early season vigor
- Semi-hairy, early maturity
- Moderate plant growth with less PGR requirement
- Excellent, stable yield and fiber potential across environments

Stoneville 4990 B3XF

- Good emergence and early season vigor
- Semi-smooth early-mid maturity
- Moderate plant growth with less PGR requirement
- Easy defoliation
- Good, stable yield with excellent fiber package across environments

Stoneville 4993 B3XF

- Semi-smooth leaf
- Early-mid maturity with medium growth
- Easy to manage growth, responds well to PGRs
- Resistant to bacterial blight
- Easy to management (PGR)
- Good storm tolerance

Table 1. Trial location, cooperator, planting date, harvest date, row spacing, plot dimensions and area of 2025 Texas A&M AgriLife Extension RACE Trials harvested.

County	Hidalgo	Nueces (Lawhon)	Nueces (CCAREC)	San Patricio
Location (Nearest town)	Monte Alto	Driscoll	Robstown	Edroy
Latitude, Longitude	26.35171, -97.89925	27.62663, -97.70523	27.77983, -97.57385	28.05617, -97.70443
Cooperator	Texas AgriScience	Darrell Lawhon	Texas A&M AgriLife Research	Robert Rieder
Soil Type	Raymondville clay loam, 0 to 1% slopes	Victoria clay, 0 to 1% slopes	Victoria clay, 0 to 1% slopes	Calallen sandy clay loam, 0 to 1% slopes
Irrigation	none	none	none	none
Precipitation (Estimated)				
Previous Crop	sorghum	sorghum	sorghum	sorghum
Row Spacing (in)	40"	38"	38"	38"
Plot Dimensions	2 rows X 48 ft	6 rows X 3500 ft	8 rows X 35 ft	6 rows X 2375 ft
Area harvested/plot	0.007 acres	1.03 acres	0.005 acres	1.04 acres
Plant Population (/Ac)	45,000	40,000	62,400	35,000
Planting Date	4/10/2025	3/11/2025	4/13/2025	4/9/2025
Harvest Date	8/30/2025	8/11/25	8/14/2025	8/15/2025
Yield Limiting Factor(s)				

Table 1. Continued.

County	Refugio	DeWitt	Calhoun	Jackson
Location (Nearest town)	Bonnie View	Nordheim	Port Lavaca	Ganado
Latitude, Longitude	28.16798, -97.28327	28.94562, -97.66334	28.60901, -96.65948	29.042634, -96.49471
Cooperator	Richard Niemann	Joseph Respondek	Danny May	Chris Hajovsky
Soil Type	Victoria clay, 0 to 1% slopes	Runge fine sandy loam, 0 to 2 % slopes	Laewest clay, 0 to 1% slopes	Laewest clay, 0 to 1 percent slopes
Irrigation	none	none	none	none
Precipitation (Estimated)				19.9"
Previous Crop	sorghum	sorghum	sorghum	
Row Spacing (in)	38"	38"	38"	38"
Plot Dimensions	6 rows X 2500 ft	6 rows X 2000 ft	2 rows X 30 ft	6 rows x 1960 ft
Area harvested/plot	1.09 acres	0.87 acres	0.004 acres	0.9 acre
Plant Population (/Ac)	39,000	45,000	55,000	42,000
Planting Date	4/9/2025	4/15/2025	4/8/2025	3/20/25
Harvest Date	8/18/2025	9/5/2025	8/19/2025	8/27/25
Yield Limiting Factor(s)				

Table 1. Continued.

County	Matagorda	Wharton	Fort Bend	Colorado
Location (Nearest town)	Tin Top	Crescent	Beasley	Eagle Lake
Latitude, Longitude	28.765278 -96.103056	29.29224 -96.2158	29.48905, -95.99697	29.513814, -96.366525
Cooperator	Bill Hansen	Tim	Alan & Lisa Stasney	Mahalite Farms
Soil Type	Laewest clay, 0 to 1 percent slopes	Lake Charles clay, 0 to 1 percent slopes	Lake Charles clay and Bernard clay loam, 0 to 1 percent slopes	Norwood silty clay loam, 0 to 1 percent slopes, occasionally flooded
Irrigation	none	none	furrow	none
Precipitation (Estimated)	26.9"	23.3"	19.1"	16.1"
Previous Crop	Sorghum	Corn	Corn	Cotton
Row Spacing (in)	40	40	36	36
Plot Dimensions	6 rows x 1425 ft	6 rows x 1900 ft	6 rows x 1700 ft	12 row x 1800 ft
Area harvested/plot	1.0 acre	0.48 acre	0.78 acre	1.49 acre
Plant Population (/Ac)	42,000	35,000	33,700	31,770
Planting Date	4/4/25	3/21/25	3/30/25	4/3/25
Harvest Date	9/5/25	8/20/25	9/12/25	9/3/25
Yield Limiting Factor(s)				

Table 1. Continued.

County	Wharton - Stephens	Burleson	Atascosa	Falls
Location (Nearest town)	Louise	Snook	Pleasanton	Rosebud
Latitude, Longitude	29.1624 -96.4651	30.5361, -96.42142	29.269864, -98.813836	31.15688, -96.807218
Cooperator	Rodney Stephens	AgriLife Research Farm	Clif Royal	Rodney Stepehens
Soil Type	Edna loam, 0 to 1 percent slopes	Belk clay, 0 to 1 percent slopes, rarely flooded	Webb fine sandy loam, 1 to 3 percent slopes	Highbank silty clay loam, rarely flooded
Irrigation	furrow	furrow	pivot	pivot
Precipitation (Estimated)	19.9"	21.8"	14.2	26.5"
Previous Crop	Corn	Corn	Peanuts	Corn
Row Spacing (in)	36	40	36	36"
Plot Dimensions	12 rows x 1170 ft	2 rows x 40 ft	6 rows x 1200 ft	6 rows x 1600 ft
Area harvested/plot	0.97 acre	0.005 acre	1.0 acre	0.66 acre
Plant Population (/Ac)		41,000	38,000	42,000
Planting Date	4/15/25	4/25/25	4/22/25	4/10/25
Harvest Date	9/5/25	10/20/25	9/15/25	10/25/25
Yield Limiting Factor(s)				

Table 1. Continued.

County	Comanche	Williamson	Milam	Delta
Location (Nearest town)		Hutto	San Gabriel	Commerce
Latitude, Longitude		30.589707 -97.569823	30.705727 -97.197836	
Cooperator		Kruger Farms	Justin Johnson	
Soil Type		Houston Black clay, 1 to 3 percent slopes	Houston Black clay, 1 to 3 percent slopes	
Irrigation		none	none	
Precipitation (Estimated)		17.8"	18.9"	
Previous Crop		Corn	Corn	
Row Spacing (in)		38	30"	
Plot Dimensions		6 rows x 900 ft	8 rows x 1300 ft	
Area harvested/plot		0.4 acre	0.45 acre	
Plant Population (/Ac)		40,000	43,000	
Planting Date		4/8/25	4/10/25	
Harvest Date		9/12/25	10/24/25	
Yield Limiting Factor(s)				

Table 1. Continued.

County	LRGV Monster	Corpus Christi Monster	Mid-Coast Monster	Upper Coast Monster
Location (Nearest town)	Monte Alto	Robstown	Port Lavaca	Danevang
Latitude, Longitude	26.35169, -97.89839	27.78012, -97.56151	28.60901, -96.65948	28.85728, -96.13915
Cooperator	Texas AgriScience	Texas A&M AgriLife Research	Danny May	Dean Hansen
Soil Type	Raymondville clay loam, 0 to 1% slopes	Orelia fine sandy loam, 0 to 1% slopes	Laewest clay, 0 to 1% slopes	Lake Charles clay, 0 to 1% slopes
Irrigation	none	none	none	none
Precipitation (Estimated)				
Previous Crop	sorghum	carinata	sorghum	cotton
Row Spacing (in)	40"	38"	38"	38"
Plot Dimensions	2 rows X 48 ft	2 rows X 35 ft	2 rows X 30 ft	2 rows X 37 ft
Area harvested/plot	0.007 acres	0.005 acres	0.004 acres	0.005 acres
Plant Population (/Ac)	45,000	62,400	55,000	62,400
Planting Date	4/10/2025	4/3/2025	4/8/2025	4/14/2025
Harvest Date	8/30/2025	8/25/2025	8/19/2025	9/17/2025
Yield Limiting Factor(s)				

Table 1. Continued.

County	Stiles Farm Monster	Bell County Monster
Location (Nearest town)	Thrall	Temple
Latitude, Longitude	30.600451 -97.299247	29.1624 -96.4651
Cooperator	Ryan Collett	USDA/AgriLife
Soil Type	Burleson clay, 0 to 1 percent slopes	Houston Black clay, 1 to 3 percent slopes
Irrigation	none	none
Precipitation (Estimated)	27"	19.8"
Previous Crop	corn	Corn
Row Spacing (in)	30"	30
Plot Dimensions	1 row x 40 ft	2 row x 40 ft
Area harvested/plot	.003 acre	.005 acre
Plant Population (/Ac)	52,000	52,000
Planting Date	4/11/25	4/28/25
Harvest Date	9/10/25	11/4/25
Yield Limiting Factor(s)		

Table 2. Variety rankings based on lint value, Coastal Bend, 2025.

*Denotes varieties not represented at all locations

Location	Nueces (Lawhon)	Nueces (CCAREC)	San Patricio	Refugio	DeWitt	Calhoun	Mean Ranking
Mean Yield (lbs/acre)	1944	1238	991	1384	777	1075	
NG 4190 B3XF	3	3	3	2	2	2	2.5
PHY 415 W3FE	4	2	6	1	6	5	4.0
DP 2131 B3TXF	7	5	5	7	5	7	6.0
ST 6000 AXTP	5	9	9	6	1	10	6.7
DG 3503 B3XF		4	1	10	10	9	*
DG 3555 B3XF	6						*
DG 4565 B3TXF		6	7	9	9	3	*
DP 2012 B3XF				3		6	*
DP 2020 B3XF	8	7	10		8		*
NG 3457 B3XF						8	*
NG 5430 B3XF	10	1	8	5	7		*
PHY 137 W3E1	1					1	*
PHY 400 W3FE	2		2	4	4		*
ST 5855 AXTP	9	8		8			*
ST 5931 AXTP			4		3	4	*

Table 3. Variety ranking based on lint value, Upper Gulf Coast Counties, 2025.

Location	Jackson	Matagorda	Wharton Pflug	Fort Bend	Colorado	Wharton R Stephens	Mean Rank
Mean Yield (lbs/A)	1440	1408	1613	1482	1364	1946	
Variety							
NG 4190 B3XF	2	1	3	4	2	1	2.2
DP 2333 B3XF	3	6	2	3	1	5	3.3
DP 2131 B3TXF	4	9	5	1	3	7	4.8
DG 3503 B3TXF	1	7	4	5	6	6	4.8
FM 5931 AXTP	7	4	6	9	5	3	5.7
PHY 415 W3FE	8	3	7	2	7	8	5.8
NG 4507 B3TXF	5	2	8	8	9	4	6.0
ST 6000 AXTP	6	5	9	6	4	9	6.5
DG 4565 B3TXF	9	8	10	10	10	2	8.2

Table 4. Variety ranking based on lint value, Cen-Tex Irrigated Counties, 2025.

Location¹	Burleson	Atascosa	Falls	Mean
Mean Yield (lbs/A)	1822	1413	1821	
Variety				
PHY 415 W3FE	5	1		3.0
ST 5931 AXTP	4	2	4	3.3
ST 6000 AXTP	6	5	1	4.0
NG 4190 B3XF	7	3	2	4.0
DG 3503 B3XF	1	6	8	5.0
NG 4507 B3TXF	9	4	3	5.3
DG 4565 B3TXF	2	7	7	5.3
DP 2131 B3TXF	3	8	6	5.7
DP 2333 B3XF	8	9	5	7.3

¹ All locations were irrigated

Table 5. Variety ranking based on lint value, Cen-Tex Non-Irrigated Counties, 2025.

Location¹	Williamson	Milam	Mean
Mean Yield (lbs/A)	1451	1635	
Variety			
PHY 415 W3FE	3	1	2.0
PHY 332 W3FE	4	3	3.5
DP 2131 B3TXF	5	2	3.5
NG 4190 B3XF	1	7	4.0
ST 6000 AXTF	6	4	5.0
NG 4507 B3TXF	2	8	5.0
ST 5931 AXTF	8	5	6.5
DG 4565 B3TXF	9	6	7.5
DG 3503 B3XF	7	10	8.5
DP 2333 B3XF	10	9	9.5

¹ All locations were irrigated

Table 6. Hidalgo County RACE Trial, 2025

Cooperator: Texas AgriScience, LLC

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

Danielle Sekula – Hidalgo, Cameron, and Willacy County IPM Specialist

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

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre) ¹	
NG 4190 B3XF	1981	a	41.7	cd	5.0	bc	1.21	d	29.1	e	84.4	bcd	52.05	c	1031	a
DP 2131 B3TXF	1853	ab	43.2	b	4.7	ef	1.23	cd	29.9	cde	83.8	d	54.10	ab	1003	ab
PHY 137 W3E1	1801	abc	40.5	ef	4.9	cd	1.26	ab	31.6	a	85.7	a	53.83	ab	969	ab
ST 5931 AXTF	1760	bcd	40.7	de	4.6	f	1.24	bc	29.6	de	84.9	abc	54.15	ab	953	abc
DG 4565 B3TXF	1680	b-e	42.5	bc	4.9	cd	1.22	cd	28.0	f	84.1	cd	53.35	b	895	bcd
ST 6000 AXTF	1636	b-e	44.3	a	4.8	de	1.24	bc	31.5	a	85.1	ab	54.38	a	889	bcd
DG 3503 B3XF	1538	e	41.9	c	4.4	g	1.27	a	31.0	ab	85.1	ab	54.35	a	835	cd
PHY 415 W3FE	1598	cde	40.5	ef	5.1	ab	1.22	cd	30.6	bc	85.2	ab	51.56	c	824	d
DP 2020 B3XF	1477	e	39.6	f	4.6	f	1.26	ab	29.5	de	84.7	bc	54.08	ab	799	d
NG 5430 B3XF	1555	de	42.4	bc	5.2	a	1.21	d	30.1	bcd	84.7	bc	51.13	c	795	d
Mean	1688		41.7		4.8		1.24		30.1		84.8		53.30		899	
P>F	0.0113		0.0001		0.0001		0.0013		0.0001		0.0257		0.0001		0.0118	
LSD (P=.10)	217.7		1.01		0.15		0.022		0.87		0.83		0.997		118.8	
STD DEV	180.74		0.83		0.12		0.02		0.72		0.69		0.83		98.60	
CV%	10.71		2.00		2.59		1.48		2.40		0.81		1.55		10.96	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 7. Nueces County RACE Trial, 2025

Cooperator: Darrell Lawhon

Jaime Lopez - Nueces County Extension Agent, Agriculture and Natural Resources

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

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre) ¹	
PHY 137 W3E1	2215	a	43.0	-	4.4	-	1.18	-	30.6	-	83.8	-	54.23	-	1200	a
PHY 400 W3FE	2109	ab	42.5	-	4.5	-	1.15	-	29.0	-	83.3	-	53.80	-	1134	ab
NG 4190 B3XF	2044	abc	43.9	-	4.6	-	1.16	-	30.1	-	83.9	-	53.13	-	1085	abc
PHY 415 W3FE	2048	abc	40.9	-	4.9	-	1.19	-	31.6	-	83.9	-	52.53	-	1076	bcd
ST 6000 AXTP	1972	bcd	42.6	-	4.7	-	1.18	-	30.7	-	83.9	-	54.13	-	1067	bcd
DG 3555 B3XF	1898	bcd	41.8	-	4.6	-	1.20	-	29.5	-	84.3	-	54.10	-	1026	b-e
DP 2131 B3TXF	1830	cd	41.7	-	4.5	-	1.19	-	29.0	-	83.6	-	54.00	-	988	cde
DP 2020 B3XF	1794	d	39.0	-	4.5	-	1.19	-	28.8	-	83.9	-	54.00	-	968	cde
ST 5855 AXTP	1780	d	42.1	-	4.7	-	1.17	-	30.1	-	84.1	-	54.13	-	963	de
NG 5430 B3XF	1752	d	41.9	-	4.5	-	1.18	-	29.3	-	83.5	-	54.00	-	946	e
Mean	1944		41.9		4.6		1.18		29.9		83.8		53.81		1045	
P>F	0.0226		0.2417		0.302		0.2331		0.3591		0.4613		0.2176		0.0304	
LSD (P=.10)	223.2		NS		NS		NS		NS		NS		NS		121.0	
STD DEV	157.63		1.88		0.20		0.02		1.44		0.51		0.77		85.45	
CV%	8.11		4.47		4.41		1.87		4.82		0.60		1.43		8.17	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 8. Nueces County RACE Trial, 2025

Cooperator: Texas A&M AgriLife Research

Jaime Lopez - Nueces County Extension Agent, Agriculture and Natural Resources

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

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre) ¹	
NG 5430 B3XF	1443	a	43.0	d	4.6	ab	1.15	e	29.9	b	83.8	-	54.03	de	779	a
PHY 415 W3FE	1414	ab	43.8	cd	4.3	d	1.18	a-	31.5	a	84.0	-	54.30	ab	767	ab
NG 4190 B3XF	1366	ab	45.1	c	4.6	ab	1.17	cd	28.9	c	84.1	-	53.93	ef	736	ab
DG 3503 B3XF	1253	abc	45.8	bc	4.0	e	1.17	bc	30.3	b	83.8	-	54.13	cd	678	abc
DP 2131 B3TXF	1231	a-d	45.3	c	4.5	bc	1.18	ab	29.7	bc	83.6	-	54.00	def	665	abc
DG 4565 B3TXF	1182	bcd	44.6	cd	4.7	a	1.16	de	27.3	d	83.4	-	53.87	f	636	bc
DP 2020 B3XF	1176	bcd	43.7	cd	4.4	cd	1.19	a	29.8	bc	83.7	-	54.07	de	635	bc
ST 5855 AXTP	1078	cd	47.5	ab	4.3	cd	1.16	de	31.8	a	84.0	-	54.23	bc	584	c
ST 6000 AXTP	1000	d	47.9	a	4.5	abc	1.19	ab	32.2	a	84.4	-	54.40	a	544	c
Mean	1238		45.2		4.4		1.17		30.2		83.9		54.11		670	
P>F	0.0825		0.0091		0.0009		0.0071		0.0001		0.2139		0.0003		0.0885	
LSD (P=.10)	247.5		2.06		0.20		0.018		1.01		NS		0.155		134.1	
STD DEV	173.60		1.44		0.14		0.01		0.71		0.39		0.11		94.09	
CV%	14.02		3.20		3.24		1.06		2.36		0.47		0.20		14.05	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 9. San Patricio County RACE Trial, 2025

Cooperator: Robert Rieder

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

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

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre) ¹	
DG 3503 B3XF	1070	a	45.0	ab	4.6	f	1.16	ab	30.3	bc	83.9	-	54.10	a	578	a
PHY 400 W3FE	1026	abc	44.3	bc	4.8	def	1.13	cd	30.4	b	83.4	-	52.70	ab	542	ab
NG 4190 B3XF	1036	ab	44.0	bcd	5.0	a-d	1.13	bcd	28.2	de	84.0	-	52.00	bcd	539	ab
ST 5931 AXTP	1003	abc	43.0	cd	4.9	cde	1.15	bc	30.1	bc	83.9	-	53.13	ab	532	ab
DP 2131 B3TXF	974	bc	44.1	bcd	4.7	ef	1.19	a	30.0	bc	83.7	-	54.07	a	526	b
PHY 415 W3FE	1037	ab	42.2	de	5.2	a	1.13	bcd	30.9	ab	84.5	-	50.37	d	522	b
DG 4565 B3TXF	964	bc	43.8	bcd	4.9	cde	1.13	bcd	27.4	e	83.3	-	53.70	ab	518	b
NG 5430 B3XF	1002	abc	42.8	cde	5.1	ab	1.10	d	28.8	d	83.2	-	50.63	cd	507	b
ST 6000 AXTP	949	c	46.2	a	5.0	abc	1.15	bc	31.7	a	83.8	-	52.37	abc	497	b
DP 2020 B3XF	847	d	40.9	e	4.9	b-e	1.16	ab	29.3	cd	84.5	-	52.23	bc	442	c
Mean	991		43.6		4.9		1.14		29.7		83.8		52.53		520	
P>F	0.0135		0.0098		0.0068		0.0234		0.0001		0.2687		0.014		0.0203	
LSD (P=.10)	83.7		1.92		0.24		0.033		1.08		NS		1.746		49.4	
STD DEV	59.13		1.36		0.17		0.02		0.76		0.67		1.23		34.91	
CV%	5.97		3.11		3.44		2.06		2.56		0.80		2.35		6.71	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 10. Refugio RACE Trial, 2025

Cooperator: Richard Niemann

Boogie Barber - Refugio County Extension Agent, Agriculture and Natural Resources

Stephen Biles – Victoria, Calhoun, and Refugio County IPM Specialist

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

Variety	Lint (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lb)		Lint Value (\$/acre) ¹	
PHY 415 W3FE	1483	a	41.0	bc	3.6	bc	1.22	a	31.5	a	84.2	-	54.47	a	808	a
NG 4190 B3XF	1488	a	41.1	bc	3.7	ab	1.18	bc	28.3	f	83.3	-	54.00	ab	803	a
DP 2012 B3XF	1428	ab	39.4	d	3.7	abc	1.21	a	29.3	de	83.4	-	54.17	ab	773	ab
PHY 400 W3FE	1404	b	40.7	bcd	3.6	cd	1.18	bc	31.0	ab	83.7	-	54.20	ab	761	bc
NG 5430 B3XF	1402	b	39.8	cd	3.7	a	1.20	ab	29.6	cde	83.3	-	54.17	ab	759	bc
ST 6000 AXTF	1433	ab	43.5	a	3.6	c	1.22	a	30.3	bc	83.2	-	52.67	ab	754	bc
DP 2131 B3TXF	1373	b	42.2	ab	3.7	abc	1.22	a	28.9	ef	82.9	-	54.07	ab	742	bc
ST 5855 AXTF	1396	b	43.5	a	3.5	de	1.17	c	30.1	cd	83.5	-	52.53	bc	732	c
DG 4565 B3TXF	1277	c	41.5	b	3.4	e	1.17	bc	26.8	g	83.0	-	50.77	c	647	d
DG 3503 B3XF	1158	d	40.8	bcd	3.2	f	1.20	ab	29.8	cde	82.5	-	48.33	d	559	e
Mean	1384		41.3		3.6		1.20		29.6		83.3		52.94		734	
P>F	0.0001		0.0001		0.0001		0.0083		0.0001		0.2578		0.0003		0.0001	
LSD (P=.10)	63.9		1.61		0.13		0.025		0.91		NS		1.879		38.0	
STD DEV	45.11		1.14		0.09		0.02		0.64		0.69		1.33		26.85	
CV%	3.26		2.75		2.55		1.50		2.17		0.82		2.51		3.66	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 11. DeWitt County RACE Trial, 2025

Cooperator: Joseph Respondek

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

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
ST 6000 AXTP	880	a	45.9	a	3.7	def	1.19	ab	29.4	ab	82.7	-	54.03	a	475	a
NG 4190 B3XF	865	ab	43.5	bcd	3.8	bc	1.17	bc	27.6	e	82.9	-	53.97	ab	467	ab
ST 5931 AXTP	834	abc	44.3	ab	3.7	cde	1.20	ab	29.4	abc	82.7	-	54.07	a	451	ab
PHY 400 W3FE	768	cd	43.3	bcd	3.8	bcd	1.15	cd	28.8	bcd	82.2	-	53.80	ab	413	bc
DP 2131 B3TXF	755	cd	44.1	bc	3.8	bcd	1.21	a	27.5	e	82.0	-	53.97	ab	407	cd
PHY 415 W3FE	754	cd	42.7	cd	3.6	f	1.17	bc	30.4	a	83.0	-	52.03	ab	391	d
NG 5430 B3XF	723	d	42.2	de	4.1	a	1.12	d	27.9	de	82.3	-	53.70	ab	388	d
DP 2020 B3XF	713	d	40.8	e	3.8	bcd	1.20	ab	27.4	e	82.1	-	53.97	ab	385	d
DG 4565 B3TXF	780	bcd	42.6	cd	3.9	b	1.13	d	25.4	f	82.1	-	48.43	c	378	d
DG 3503 B3XF	698	d	43.5	bcd	3.6	ef	1.18	ab	28.3	cde	82.0	-	51.87	b	360	d
Mean	777		43.3		3.8		1.17		28.2		82.4		52.98		411	
P>F	0.042		0.0032		0.0006		0.0017		0.0001		0.3412		0.0045		0.016	
LSD (P=.10)	96.8		1.57		0.170		0.032		1.11		NS		2.15		54.1	
STD DEV	68.37		1.11		0.12		0.02		0.78		0.61		1.52		38.20	
CV%	8.80		2.56		3.18		1.91		2.78		0.74		2.87		9.29	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 12. Calhoun County RACE Trial, 2025

Cooperator: Danny May

Hailey Hayes – Calhoun County Extension Agent, Agriculture and Natural Resources

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

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
PHY 137 W3FE	1156	-	41.6	c	3.8	d	1.19	a	32.1	a	84.0	ab	54.43	a	629	-
NG 4190 B3XF	1135	-	43.5	b	4.3	bc	1.16	bc	28.1	d	83.5	a-d	53.93	a	612	-
DG 4565 B3TXF	1196	-	45.6	a	4.5	ab	1.11	g	25.6	e	82.6	de	49.80	b	594	-
ST 5931 AXTP	1092	-	41.9	c	4.0	d	1.18	ab	29.5	bc	83.5	ab	54.10	a	591	-
PHY 415 W3FE	1085	-	44.0	b	4.0	d	1.14	def	29.8	bc	83.0	cd	53.83	a	584	-
DP 2012 B3XF	1058	-	41.8	c	4.2	c	1.15	cde	28.7	cd	84.0	ab	53.93	a	570	-
DP 2131 B3TXF	1058	-	44.5	b	4.7	a	1.15	cd	27.9	d	81.8	e	53.70	a	567	-
NG 3457 B3XF	1030	-	42.5	c	4.5	ab	1.13	efg	28.7	cd	82.9	cd	53.47	a	551	-
DG 3503 B3XF	988	-	44.0	b	3.9	d	1.12	fg	28.9	cd	83.2	bc	53.53	a	529	-
ST 6000 AXTP	952	-	46.1	a	4.4	bc	1.14	c-f	30.6	b	84.3	a	53.97	a	513	-
Mean	1075		43.6		4.2		1.15		29.0		83.3		53.47		574	
P>F	0.5104		0.0001		0.0001		0.0005		0.0001		0.0091		0.004		0.5973	
LSD (P=.10)	NS		0.94		0.24		0.03		1.35		0.96		1.56		NS	
STD DEV	133.31		0.66		0.17		0.02		0.96		0.68		1.10		67.85	
CV%	12.40		1.52		4.03		1.61		3.29		0.81		2.06		11.82	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 13. Jackson County RACE Trial, 2025

Cooperator: Chris Hajovsky

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DG 3503 B3TXF	158	-	45.2	-	4.4	d	1.17	b	29.7	bc	82.5	def	53.9	a	856	-
NG 4190 B3XF	154	-	43.3	-	4.7	ab	1.14	c	27.1	d	82.6	c-f	53.6	ab	827	-
DP 2333 B3XF	154	-	44.5	-	4.8	a	1.12	c	26.4	d	81.8	f	50.9	c	788	-
DP 2131 B3TXF	147	-	44.4	-	4.9	a	1.18	ab	27.4	d	82.2	ef	52.9	ab	782	-
NG 4507 B3TXF	143	-	42.6	-	4.5	bcd	1.17	b	29.2	c	82.8	b-e	53.9	a	773	-
ST 6000 AXTP	142	-	43.6	-	4.7	ab	1.20	a	30.1	ab	83.3	a-d	54.2	a	771	-
FM 5931 AXTP	139	-	43.2	-	4.4	cd	1.18	ab	30.6	ab	83.6	ab	54.2	a	755	-
PHY 415 W3FE	138	-	43.7	-	4.3	d	1.19	ab	30.6	ab	83.8	a	54.3	a	752	-
DG 4565 B3TXF	138	-	43.7	-	4.7	abc	1.13	c	26.1	d	83.5	abc	51.9	bc	719	-
PHY 400 W3FE	122	-	43.0	-	4.5	cd	1.17	b	31.6	a	84.0	a	54.3	a	665	-
Mean	1440		43.7		4.6		1.17		28.9		83.0		53.4		769	
P>F	0.2113		0.5693		0.0145		0.0001		0.0001		0.0064		0.0824		0.2569	
LSD (P=.10)	208.8		2.05		0.27		0.021		1.45		0.92		1.926		109.6	
STD DEV	147.4		1.45		0.19		0.015		1.02		0.65		1.36		77.4	
CV%	10.24		3.31		4.18		1.28		3.54		0.78		2.55		10.07	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 14. Matagorda County RACE Trial, 2025

Cooperator: Hansen Farms

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

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
NG 4190 B3XF	1483	-	47.8	-	5.0	-	1.17	-	33.0	a	84.8	-	52.48	-	777	-
NG 4507 B3TXF	1439	-	46.5	-	4.9	-	1.19	-	30.6	ab	83.9	-	53.28	-	766	-
PHY 415 W3FE	1434	-	46.9	-	5.0	-	1.17	-	31.0	ab	83.2	-	52.37	-	750	-
ST 5931 AXTP	1437	-	46.5	-	5.0	-	1.16	-	29.9	bc	83.8	-	51.85	-	743	-
ST 6000 AXTP	1419	-	48.0	-	5.0	-	1.19	-	31.1	ab	83.7	-	52.32	-	742	-
DP 2333 B3XF	1413	-	48.7	-	5.1	-	1.11	-	28.1	c	83.4	-	51.12	-	720	-
DG 3503 B3XF	1328	-	48.5	-	4.9	-	1.16	-	31.4	ab	83.8	-	53.25	-	707	-
DG 4565 B3XF	1345	-	46.8	-	5.0	-	1.15	-	29.7	bc	84.3	-	51.75	-	693	-
DP 2131 B3TXF	1322	-	47.3	-	4.9	-	1.17	-	29.7	bc	83.6	-	52.13	-	690	-
Mean	1408		47.5		5.0		1.16		30.3		83.8		52.25		735	
P>F	0.9293		0.4829		0.9438		0.1376		0.091		0.6011		0.9514		0.7603	
LSD (P=.10)	223.7		1.98		0.31		0.039		2.52		1.27		2.798		94.2	
STD DEV	158		1.4		0.22		0.028		1.78		0.9		1.976		66.5	
CV%	11.22		2.95		4.38		2.39		5.89		1.07		3.78		9.05	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 15. Wharton County RACE Trial - 2025

Cooperator: Pflughaupt Farms

Corrie Bowen, County Extension Agent, Simeon Ross, Extension Program Specialist

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
PHY 400 W3FE	1710	a	45.2	ab	4.2	bcd	1.17	bcd	29.8	a	83.3	a	53.98	a	923	a
DP 2333 B3XF	1714	a	45.1	ab	4.8	a	1.14	de	27.3	c	82.6	a	53.77	a	922	a
NG 4190 B3XF	1653	ab	43.5	cd	4.4	bc	1.16	cde	27.9	bc	83.6	a	53.85	a	890	ab
DG 3503 B3XF	1629	bc	45.6	a	3.8	f	1.19	ab	30.4	a	82.8	a	54.18	a	883	ab
DP 2131 B3TXF	1604	bcd	44.4	bc	4.4	b	1.21	a	28.5	b	82.9	a	53.90	a	865	bc
ST 5931 AXTP	1588	b-e	43.2	d	3.9	ef	1.19	ab	29.7	a	83.7	a	54.15	a	860	bc
PHY 415 W3FE	1587	b-e	43.4	cd	4.2	cd	1.17	bc	30.6	a	83.5	a	54.20	a	860	bc
NG 4507 B3TXF	1575	cde	43.0	d	4.1	de	1.17	bcd	28.5	b	82.8	a	53.87	a	848	bc
ST 6000 AXTP	1527	e	45.4	ab	4.3	bc	1.17	bc	29.9	a	83.7	a	54.03	a	825	c
DG 4565 B3XF	1539	de	44.9	ab	4.2	cd	1.13	e	25.5	d	81.4	b	49.98	b	769	d
Mean	1612		44.4		4.2		1.17		28.8		83.0		53.59		864	
P>F	0.0019		0.0015		0.0001		0.0073		0.0001		0.0435		0.0043		0.0006	
LSD (P=.10)	70.7		1.07		0.19		0.03		1.04		1.1		1.515		45.4	
STD DEV	49.9		0.76		0.14		0.021		0.73		0.78		1.07		32.1	
CV%	3.09		1.71		3.24		1.8		2.54		0.94		2		3.71	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 16. Fort Bend County RACE Trial, 2025

Cooperator: Lisa and Alan Stasney

Simeon Ross, Extension Program Specialist

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DP 2131 B3TXF	1610	a	45.1	-	4.6	-	1.17	-	27.4	-	83.2	-	53.88	-	868	a
PHY 415 W3FE	1547	a	45.8	-	4.3	-	1.18	-	29.7	-	83.2	-	54.07	-	837	ab
DP 2333 B3XF	1576	a	43.6	-	4.7	-	1.20	-	28.5	-	83.0	-	53.05	-	836	abc
NG 4190 B3XF	1530	a	44.9	-	4.6	-	1.18	-	30.2	-	84.4	-	54.10	-	828	a-d
DG 3503 B3XF	1508	a	45.0	-	4.6	-	1.18	-	30.0	-	83.3	-	54.05	-	815	a-d
ST 6000 AXTP	1470	a	45.1	-	4.3	-	1.21	-	29.6	-	82.9	-	54.08	-	795	a-d
PHY 137 W3E1	1446	b	44.5	-	4.8	-	1.17	-	27.3	-	82.8	-	52.15	-	755	bcd
NG 4507 B3TXF	1393	c	42.7	-	4.1	-	1.21	-	29.8	-	84.1	-	54.15	-	754	cd
ST 5931 AXTP	1456	a	44.5	-	4.7	-	1.14	-	28.2	-	82.7	-	51.65	-	751	de
DG 4565 B3XF	1289	d	42.5	-	4.1	-	1.17	-	29.3	-	82.5	-	52.23	-	669	e
Mean	1482		44.4		4.5		1.18		29.0		83.2		53.34		791	
P>F	0.0864		0.2528		0.3552		0.2455		0.7046		0.1757		0.528		0.0218	
LSD (P=.10)	159.4		2.25		0.61		0.045		3.16		1.17		2.509		82.6	
STD DEV	112.6		1.59		0.43		0.032		2.23		0.82		1.772		58.4	
CV%	7.6		3.59		9.63		2.71		7.7		0.99		3.32		7.38	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 17. Colorado County RACE Trial, 2025
Cooperator: Mahalite Farms
Laramie Kettler, County Extension Agent
Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DP 2333 B3XF	1570	a	44.7	a	4.7	a	1.13	e	27.2	c	82.5	cd	53.63	a	842	a
NG 4190 B3XF	1437	b	42.7	cd	4.2	b	1.14	de	27.6	c	82.9	bc	53.73	a	772	b
DP 2131 B3TXF	1418	b	44.3	ab	4.1	bc	1.21	ab	27.8	c	82.2	de	53.97	a	766	bc
ST 6000 AXTP	1360	bc	44.3	ab	3.7	de	1.18	bc	29.7	b	83.8	a	54.12	a	736	bc
ST 5931 AXTP	1349	bc	42.0	de	3.6	e	1.21	ab	29.6	b	83.2	ab	54.12	a	730	bc
DG 3503 B3XF	1343	bc	43.4	bc	3.9	b-e	1.21	ab	29.8	b	83.0	bc	54.15	a	727	bc
PHY 415 W3FE	1308	c	41.9	de	4.0	bcd	1.17	c	30.8	ab	83.6	ab	54.23	a	710	cd
PHY 137 W3E1	1299	c	40.7	f	4.0	bcd	1.21	a	31.7	a	83.1	ab	54.38	a	706	d
NG 4507 B3TXF	1281	c	41.0	ef	4.0	bc	1.16	cd	27.9	c	83.4	ab	53.90	a	690	de
DG 4565 B3XF	1272	c	43.9	ab	3.9	cde	1.14	de	25.7	d	81.7	e	50.32	b	641	e
Mean	1364		42.9		4.0		1.18		28.8		83.0		53.66		732	
P>F	0.0021		0.0001		0.0012		0.0001		0.0001		0.0022		0.0032		0.0014	
LSD (P=.10)	100.9		1.09		0.3		0.027		1.21		0.72		1.378		57.5	
STD DEV	71.3		0.77		0.21		0.019		0.86		0.51		0.973		40.6	
CV%	5.23		1.79		5.24		1.63		2.97		0.62		1.81		5.54	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 18. Wharton County RACE Trial - 2025

Cooperator: Rodney Stephens

Corrie Bowen, County Extension Agent, Simeon Ross, Extension Program Specialist

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
NG 4190 B3XF	2194	a	45.5	bc	4.7	bc	1.17	d	29.4	de	83.8	bc	53.92	a	1183	-
DG 4565 B3XF	1990	ab	46.8	ab	4.7	bc	1.20	bcd	28.2	e	83.6	bc	53.97	a	1074	-
ST 5931 AXTF	1975	b	45.3	cd	4.4	de	1.23	ab	30.9	bcd	84.1	ab	54.28	a	1072	-
NG 4507 B3TXF	1964	b	43.8	e	4.6	cd	1.23	a	31.4	bc	84.3	ab	54.33	a	1067	-
DP 2333 B3XF	2054	ab	46.7	ab	5.0	a	1.13	e	28.2	e	83.2	c	51.85	b	1066	-
DG 3503 B3XF	1921	b	46.8	ab	4.3	e	1.24	a	31.6	bc	83.3	c	54.30	a	1043	-
DP 2131 B3TXF	1910	bc	46.5	abc	4.7	bc	1.23	a	30.3	cd	83.7	bc	54.18	a	1035	-
PHY 415 W3FE	1893	bc	45.9	abc	4.8	b	1.18	cd	31.4	bc	83.7	bc	54.18	a	1025	-
ST 6000 AXTF	1859	bc	47.1	a	4.7	bc	1.22	ab	33.5	a	84.8	a	54.43	a	1012	-
PHY 137 W3E	1697	c	44.0	de	4.5	de	1.21	abc	32.0	ab	83.4	c	54.35	a	922	-
Mean	1946		45.8		4.7		1.20		30.7		83.8		53.98		1050	
P>F	0.0847		0.003		0.0001		0.0002		0.0002		0.0227		0.0004		0.1537	
LSD (P=.10)	218		1.35		0.18		0.034		1.56		0.72		0.734		120.9	
STD DEV	154		0.96		0.12		0.024		1.1		0.51		0.518		85.4	
CV%	7.91		2.09		2.68		1.97		3.59		0.61		0.96		8.13	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 19. Burleson County RACE Trial, 2025¹
Texas A&M AgriLife Research and Extension Center, Snook, Texas
Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ²	
DG 3503 B3XF	1925	-	45.2	-	4.4	-	1.26	a	34.3	-	84.3	-	54.47	-	1049	-
DG 4565 B3TXF	1927	-	43.6	-	4.5	-	1.20	b	31.4	-	83.4	-	54.18	-	1044	-
DP 2131 B3TXF	1887	-	43.9	-	4.2	-	1.21	b	33.4	-	84.0	-	54.44	-	1027	-
ST 5931 AXTP	1879	-	43.9	-	4.5	-	1.21	b	31.8	-	83.7	-	53.70	-	1008	-
PHY 415 W3FE	1791	-	44.0	-	4.3	-	1.23	b	32.8	-	83.9	-	54.40	-	974	-
ST 6000 AXTP	1810	-	45.7	-	4.7	-	1.22	b	32.3	-	84.2	-	53.71	-	973	-
NG 4190 B3XF	1777	-	44.3	-	4.3	-	1.19	c	30.7	-	83.0	-	54.09	-	961	-
DP 2333 B3XF	1745	-	45.2	-	4.6	-	1.22	b	33.7	-	83.7	-	54.49	-	951	-
NG 4507 B3TXF	1706	-	44.8	-	4.3	-	1.22	b	32.5	-	83.9	-	54.35	-	927	-
Mean	1822		44.5		4.4		1.22		32.5		83.8		54.19		987	
P>F	0.8658		0.4202		0.161		0.0637		0.3503		0.4832		0.722		0.8749	
LSD (P=.10)	242.6		1.7		0.32		0.029		2.38		0.99		0.91		133.3	
STD DEV	199.4		1.4		0.26		0.024		1.96		0.82		0.748		109.5	
CV%	10.95		3.14		5.87		1.99		6.02		0.97		1.38		11.1	

¹ Indicates the location was irrigated

² Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.
 DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 20. Atascosa County RACE Trial, 2025¹

Cooperator: Clif Royal

Dale Rankin, County Extension Agent

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre) ²		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ³	
PHY 415 W3FE	1465	-	44.1	cd	4.7	-	1.17	c	31.3	a	84.4	a	54.23	a	794	-
ST 5931 AXTP	1447	-	44.9	bc	4.4	-	1.2	ab	29.7	b	83.9	ab	54.1	a	783	-
NG 4190 B3XF	1449	-	44.1	cd	4.5	-	1.16	c	28.0	cd	83.0	bc	53.83	a	780	-
NG 4507 B3TXF	1430	-	43.1	d	4.3	-	1.18	bc	29.6	b	83.1	bc	54.00	a	772	-
ST 6000 AXTP	1416	-	46.6	a	4.4	-	1.21	a	31.4	a	84.6	a	54.35	a	769	-
DG 3503 B3XF	1383	-	45.9	ab	4.3	-	1.18	bc	30.0	b	82.9	bc	54.13	a	749	-
DG 4565 B3TXF	1474	-	45.8	ab	4.5	-	1.12	d	26.2	e	81.9	d	50.70	b	749	-
DP 2131 B3TXF	1373	-	46.0	ab	4.6	-	1.17	c	28.3	c	82.7	cd	53.85	a	740	-
PHY 332 W3FE	1344	-	42.9	d	4.3	-	1.20	ab	30.2	ab	83.1	bc	54.12	a	727	-
DP 2333 B3XF	1347	-	45.0	bc	4.6	-	1.12	d	26.9	de	82.3	cd	53.33	a	719	-
Mean	1413		44.8		4.5		1.17		29.2		83.2		53.67		758	
P>F	0.7855		0.003		0.1133		0.0001		0.0001		0.0014		0.0037		0.8305	
LSD (P=.10)	152.7		1.46		0.27		0.024		1.27		0.94		1.262		84.3	
STD DEV	107.8		1.03		0.19		0.017		0.9		0.67		0.892		59.5	
CV%	7.63		2.3		4.33		1.43		3.07		0.8		1.66		7.85	

¹ Indicates the location was irrigated

² This location did appear to express a noticeable, possible yield-affecting degree of dicamba-type herbicide symptoms during the fruit set portion of the season

³ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.
DG= Dyna-Gro, DP=DeltaPine, FM=Fibroma, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 21. Falls County RACE Trial, 2025
Cooperator: Rodney Stevens
Pasquale Swaner - Falls County Extension Agent, Agriculture and Natural Resources
Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
ST 6000 AXTP	2046	-	44	ab	4.2	-	1.23	-	30.8	a	83.4	-	54.33	-	1112	-
NG 4190 B3XF	1874	-	44	ab	4.5	-	1.16	-	28.3	b	83.1	-	53.88	-	1010	-
NG 4507 B3TXF	1846	-	39.8	c	4.1	-	1.21	-	31	a	83.4	-	54.33	-	1007	-
ST 5931 AXTP	1812	-	40.9	c	4	-	1.23	-	30.5	a	83.4	-	54.17	-	982	-
DP 2333 B3XF	1793	-	43.2	ab	4.4	-	1.19	-	28.5	b	83.1	-	53.95	-	967	-
DP 2131 B3TXF	1674	-	45.4	a	4.1	-	1.25	-	30.5	a	83.4	-	54.32	-	909	-
DG 4565 B3TXF	1672	-	43.4	ab	4.1	-	1.21	-	28.8	b	83.4	-	54.06	-	904	-
DG 3503 B3XF	1566	-	42	bc	3.8	-	1.22	-	29.5	ab	82	-	54.11	-	846	-
Mean	1821		43		4.2		1.21		29.8		83.3		54.15		986	
P>F	0.2084		0.0371		0.2924		0.2262		0.0197		0.961		0.1196		0.2009	
LSD (P=.10)	218.4		2.14		0.48		0.053		1.31		1.37		0.296		118.1	
STD DEV	145.9		1.43		0.32		0.036		0.89		0.92		0.2		78.9	
CV%	8.01		3.32		7.75		2.98		2.98		1.11		0.37		8	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.
 DG= Dyna-Gro, DP=DeltaPine, FM=FiberMax, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 22. Comanche County RACE Trial, 2025

Cooperator: Brandon and Emory Geye

Mike Berry, County Extension Agent

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
Mean																
P>F																
LSD (P=.10)																
STD DEV																
CV%																

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

***Trial has been harvested and once the data is complete, this table will be updated with data**

Table 23. Williamson County RACE Trial, 2025
Cooperator: Rick and Tim Kruger
Gary Pastushok, County Extension Agent
Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
NG 4190 B3XF	1694	a	46.2	a	4.6	ab	1.15	de	26.8	de	83.2	abc	51.97	b	884	a
NG 4507 B3TXF	1543	b	43.9	cd	4.5	ab	1.18	bc	27.7	cd	83.6	a	53.97	a	833	ab
PHY 415 W3FE	1494	bc	43.7	cd	4.7	a	1.17	cd	29.2	ab	83.1	abc	53.97	a	806	b
PHY 332 W3FE	1490	bc	41.0	e	4.7	a	1.22	a	29.4	ab	83.3	ab	54.02	a	805	b
DP 2131 B3TXF	1480	bc	46.5	a	4.6	ab	1.19	abc	27.4	cd	82.3	cd	53.92	a	798	bc
ST 6000 AXTP	1403	cd	46.3	a	4.3	bc	1.18	bcd	29.9	a	83.1	abc	54.08	a	759	bcd
DG 3503 B3XF	1341	d	46.1	a	4.0	d	1.20	abc	28.3	bc	82.5	bcd	53.95	a	723	cde
ST 5931 AXTP	1330	d	42.8	d	4.1	cd	1.20	ab	27.8	cd	83.5	a	54.00	a	718	de
DG 4565 B3TXF	1398	cd	44.8	bc	4.5	ab	1.14	e	25.1	f	82.4	cd	48.27	c	675	e
DP 2333 B3XF	1341	d	45.5	ab	4.6	ab	1.13	e	25.5	ef	82.1	d	48.38	c	649	e
Mean	1451		44.7		4.5		1.18		27.7		82.9		52.65		765	
P>F	0.0007		0.0001		0.0076		0.0004		0.0001		0.0849		0.0001		0.001	
LSD (P=.10)	115		1.25		0.3		0.027		1.31		0.93		1.411		76.3	
STD DEV	81.2		0.88		0.21		0.019		0.92		0.66		0.997		53.9	
CV%	5.59		1.97		4.69		1.61		3.33		0.79		1.89		7.05	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.
 DG= Dyna-Gro, DP=DeltaPine, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 24. Milam County RACE Trial, 2025
Cooperator: Justin Johnson
Joshua Evans, County Extension Agent
Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
PHY 415 W3FE	1818	-	45.9	bc	4.4	-	1.19	-	33.1	-	84.1	-	54.40	-	989	-
DP 2131 B3TXF	1728	-	46.7	ab	4.3	-	1.15	-	30.5	-	83.1	-	54.08	-	934	-
PHY 332 W3FE	1709	-	42.7	e	4.2	-	1.17	-	35.0	-	85.3	-	54.45	-	930	-
ST 6000 AXTP	1638	-	47.4	ab	4.6	-	1.19	-	29.8	-	82.5	-	54.03	-	885	-
ST 5931 AXTP	1610	-	45.3	bc	4.3	-	1.19	-	31.0	-	84.3	-	54.28	-	874	-
DG 4565 B3TXF	1616	-	44.3	cde	4.5	-	1.16	-	29.6	-	83.2	-	54.08	-	874	-
NG 4190 B3XF	1605	-	46.6	abc	4.5	-	1.20	-	32.3	-	85.1	-	54.38	-	873	-
NG 4507 B3TXF	1581	-	44.0	de	4.3	-	1.19	-	33.6	-	84.0	-	54.45	-	861	-
DP 2333 B3XF	1563	-	47.5	ab	4.5	-	1.16	-	28.3	-	82.4	-	53.40	-	834	-
DG 3503 B3XF	1486	-	48.4	a	4.3	-	1.21	-	35.0	-	85.4	-	54.55	-	811	-
Mean	1635		45.9		4.4		1.18		31.8		83.9		54.21		886	
P>F	0.1194		0.029		0.3773		0.9048		0.4096		0.3566		0.4436		0.1133	
LSD (P=.10)	162.2		2.37		0.3		0.075		5.62		2.56		0.833		88.6	
STD DEV	88.5		1.3		0.16		0.041		3.06		1.39		0.455		48.3	
CV%	5.41		2.83		3.76		3.48		9.64		1.66		0.84		5.45	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.
 DG= Dyna-Gro, DP=DeltaPine, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

Table 25. Delta County RACE Trial, 2025

Cooperator: CCRI & East Texas A&M

David Drake, Extension Agent-IPM

Dale A. Mott, Ben McKnight - Texas A&M AgriLife Extension, College Station

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac)¹	
Mean																
P>F																
LSD (P=.10)																
STD DEV																
CV%																

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

DG= Dyna-Gro, DP=DeltaPine, NG=NexGen, PHY=PhytoGen, ST= Stoneville.

***Trial has been harvested and once the data is complete, this table will be updated with data**

Table 26. Lower Rio Grande Valley Monster Cotton Variety Trial, 2025

Cooperator: Texas AgriScience LLC

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
24R6730 B3TXF	1894	ab	44.2	def	4.6	mn	1.16	no	29.6	ii	83.9	ijk	53.94	a-d	1022	a
24R6522 B3TXF	1812	a-e	45.3	ab	4.7	lm	1.21	d-i	28.6	k	84.0	ijk	53.99	abc	978	ab
PX 1140F330-04	1847	a-d	42.7	h-l	5.0	ghi	1.20	h-	30.3	e-i	84.8	a-h	52.16	e-j	964	abc
24R6012 B3TXF	1868	a-d	44.1	d-g	5.1	fgh	1.15	op	29.8	hij	83.7	jk	51.53	i-l	963	abc
PX 1140H143-04	1891	abc	41.6	n-q	5.3	b-e	1.18	j-n	31.0	c-g	85.3	abc	50.91	j-m	962	abc
AMX 12677 B3XF	1909	a	45.2	abc	5.6	a	1.22	b-g	31.7	abc	84.1	g-k	50.29	klm	960	abc
DP 2131 B3TXF	1766	a-f	44.3	de	4.7	lm	1.24	abc	29.6	ij	84.0	h-k	54.11	abc	956	a-d
PX 1140H138-04	1885	abc	43.5	fgh	5.5	ab	1.14	pq	32.0	ab	85.1	a-e	50.09	m	944	a-e
ST 5931 AXTP	1719	b-h	41.5	n-q	4.7	lm	1.23	a-f	29.8	hij	85.1	a-e	54.13	abc	930	a-f
PX 1150F360-04	1747	a-f	41.7	m-p	5.0	hij	1.23	a-e	31.1	c-f	85.3	a	53.00	b-g	926	a-f
PHY 415 W3FE	1738	a-f	41.3	pq	5.0	h-k	1.23	a-f	30.4	d-i	84.4	e-k	52.86	c-h	918	b-f
PHY 136 W3E1	1708	c-h	42.5	i-l	4.9	h-k	1.22	b-h	30.6	d-h	84.4	e-k	53.59	a-d	914	b-f
PX 1140F331-04	1738	a-f	42.5	i-l	5.3	c-f	1.18	k-n	31.2	b-e	85.4	a	51.59	h-k	899	b-g
ST 4650AXTP	1766	a-f	44.5	cde	5.2	d-g	1.15	op	29.7	hij	84.1	g-k	50.86	j-m	898	b-g
PHY 137 W3E1	1735	a-g	42.4	j-m	5.1	fgh	1.24	ab	32.1	a	85.3	ab	51.75	g-j	898	b-g
DP 2541 B3XF	1693	d-h	42.9	h-l	4.9	i-l	1.19	i-m	29.0	jk	83.7	k	52.64	d-i	892	b-g
ST 5855 AXTP	1648	e-i	44.8	bcd	4.8	klm	1.21	e-j	31.2	a-e	84.6	b-i	53.64	a-d	884	b-h
PX 1140H150-04	1759	a-f	41.5	opq	5.4	a-d	1.20	g-l	31.1	c-f	85.2	a-d	50.25	lm	884	b-h
PX 1150H167-04	1606	f-k	42.3	j-n	4.7	lm	1.20	f-k	30.2	f-i	84.9	a-f	54.11	abc	869	c-i
PX 1140H152-04	1728	a-g	42.2	k-o	5.4	abc	1.19	i-m	31.1	c-f	85.1	a-e	50.19	m	867	c-i
DG 4434 B3TXF	1607	f-k	44.3	de	4.8	j-m	1.24	ab	29.0	jk	84.0	ijk	53.33	a-f	856	d-j
AMX 12526 B3XF	1618	f-k	43.3	ghi	5.0	hi	1.20	g-l	30.1	ghi	84.9	a-f	52.84	c-h	855	d-j
ST 6000 AXTP	1552	g-k	45.7	a	4.7	lm	1.23	a-e	31.6	abc	84.5	d-j	54.36	a	844	e-j
ST 5260AXTP	1639	e-j	44.2	def	5.2	d-g	1.17	no	29.6	ij	84.8	a-h	50.93	j-m	835	f-j
DP 2020 B3XF	1499	ijk	40.9	q	4.7	lm	1.23	a-d	29.0	jk	84.2	f-k	54.00	abc	809	g-j
DP 2012 B3XF	1501	ijk	41.5	opq	4.9	i-l	1.21	e-k	30.0	hi	84.5	c-i	53.41	a-e	803	g-j
BX 2665 AXTP	1534	h-k	43.0	hij	5.1	e-h	1.22	a-g	31.1	c-f	84.8	a-g	51.99	g-j	799	g-j

Table 26 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DG 3503 B3XF	1442	kl	42.3	j-o	4.5	n	1.25	a	30.5	d-i	84.4	e-k	54.23	ab	782	hij
BX 2666 AXTP	1443	kl	42.1	l-o	4.7	mn	1.18	lm	28.9	jk	82.7	l	53.84	a-d	777	ij
PX 1150H164-04	1482	ijk	43.0	h-k	5.0	ghi	1.17	mn	30.3	e-i	84.4	e-k	52.10	f-j	774	ij
PHY 411 W3FE	1456	jk	44.0	efg	5.0	ghi	1.13	q	30.3	f-i	84.1	g-k	51.86	g-j	754	jk
DG 3425 B3XF	1231	m	43.0	hij	4.6	mn	1.22	c-i	31.3	a-d	84.6	a-i	53.63	a-d	661	kl
DP 2333 B3XF	1270	lm	42.7	h-l	5.2	d-g	1.20	g-k	30.2	f-i	84.4	d-j	51.09	j-m	649	l
Mean	1659		43.0		5.0		1.20		30.4		84.5		52.52		871	
P>F	0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001	
LSD (P=.10)	185.5		0.80		4.77		0.02		0.91		0.77		1.30		102.3	
STD DEV	157.99		0.69		0.17		0.02		0.77		0.66		1.11		87.10	
CV%	9.53		1.59		3.36		1.73		2.54		0.78		2.11		10.01	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville

Table 27. Corpus Christi Monster Cotton Variety Trial, 2025
Cooperator: Texas A&M AgriLife Research and Extension Center, Corpus Christi, Texas

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
24R6730 B3TXF	1997	a	45.6	bc	4.0	e-i	1.15	l-p	29.4	g-m	83.7	c-h	53.98		1078	a
24R6522 B3TXF	1997	a	47.6	a	4.3	b-e	1.17	j-n	28.6	l-p	83.5	d-j	53.88		1076	a
24R6012 B3TXF	1981	a	45.6	bc	4.4	bcd	1.13	qr	28.3	nop	82.6	ij	53.44		1059	ab
DP 2131 B3TXF	1791	b	45.0	cde	4.3	bcd	1.20	def	29.0	i-o	83.7	c-h	54.04		968	abc
PX 1140H152-04	1765	bc	43.7	efg	4.0	f-l	1.18	g-k	31.3	a-d	84.6	abc	54.36		959	abc
AMX12526 B3XF	1761	bc	44.6	cde	4.4	bc	1.18	g-k	29.8	e-k	83.8	b-g	53.99		950	bcd
PHY 137 W3E1	1715	b-f	40.1	jk	3.7	j-n	1.25	a	32.2	a	84.8	ab	54.48		934	cde
ST 6000 AXTP	1720	b-e	45.7	bc	4.1	d-i	1.20	d-g	30.2	d-h	84.6	abc	54.23		932	cde
DP 2541 B3XF	1720	b-e	43.5	efg	4.4	bcd	1.17	j-n	27.9	op	83.0	g-j	53.89		927	cde
PX 1140H150-04	1699	b-f	43.6	efg	3.8	g-n	1.15	m-	31.5	abc	84.4	a-d	54.33		923	cde
ST 4650AXTP	1745	bcd	45.5	bcd	4.5	b	1.09	s	28.7	k-p	83.5	d-j	52.86		923	cde
PHY 415 W3FE	1731	bcd	42.1	f-i	3.8	h-n	1.19	e-i	30.8	b-e	84.0	b-g	53.16		921	cde
DG 3519 B3XF	1684	b-g	42.2	f-i	4.4	bc	1.24	ab	30.3	c-g	85.1	a	54.20		913	cde
PX 1140F330-04	1690	b-f	42.7	fgh	4.1	d-i	1.16	k-o	30.0	e-j	83.1	g-j	53.99		912	cde
ST 5855 AXTP	1676	b-g	46.8	ab	3.8	h-n	1.17	i-m	30.3	c-g	83.3	f-j	54.10		907	cde
PX 1140H143-04	1719	b-e	43.5	efg	3.9	f-m	1.14	o-r	29.6	f-l	84.0	b-g	52.78		906	cde
PX 1140H138-04	1663	b-g	44.7	cde	4.2	b-g	1.13	pqr	31.6	ab	84.3	a-e	53.88		895	cde
DP 2012 B3XF	1648	b-g	42.0	ghi	4.0	f-k	1.20	def	28.6	k-p	84.0	b-g	54.09		891	cde
PX 1140F331-04	1637	b-g	42.2	f-i	3.9	f-l	1.20	d-h	31.3	a-d	84.8	ab	54.45		891	cde
DG 3503 B3XF	1620	b-h	43.7	efg	3.8	i-n	1.21	cde	30.6	b-f	83.3	e-j	54.23		879	c-f
AMX12677 B3XF	1679	b-g	45.6	bc	4.9	a	1.19	f-j	31.6	ab	84.5	abc	52.26		877	c-f
DG 4434 B3TXF	1624	b-h	44.8	cde	3.9	f-l	1.20	d-g	28.8	k-p	82.4	j	53.99		877	c-f
BX 2665 AXTP	1600	c-h	42.5	f-i	4.1	c-h	1.19	f-j	30.5	b-g	83.7	c-h	54.19		867	c-f
ST 5931 AXTP	1587	c-h	41.7	hij	3.6	lmn	1.22	bcd	28.3	m-p	84.5	a-d	52.91		838	d-g
PX 1150H167-04	1549	e-i	42.5	f-i	3.6	mn	1.17	j-n	30.0	e-i	83.6	c-i	54.05		838	d-g
PHY 411 W3FE	1575	d-h	45.0	cde	4.0	e-j	1.09	s	29.1	h-n	83.2	g-j	53.05		836	d-g
PHY 136 W3E1	1534	f-i	39.0	k	4.0	e-j	1.21	c-f	30.5	b-g	83.9	b-g	54.21		831	d-g

Table 27 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
BX 2666 AXTP	1536	f-i	43.5	efg	4.1	d-j	1.16	k-n	28.7	k-p	82.7	ij	53.91		828	efg
ST 5260AXTP	1538	e-i	43.7	efg	4.1	d-i	1.12	r	28.8	j-p	83.4	e-j	53.74		826	efg
PX 1150H164-04	1538	e-i	43.8	def	3.8	h-n	1.12	r	28.9	i-o	83.2	g-j	53.53		823	efg
DP 2020 B3XF	1505	ghi	40.1	jk	3.9	f-m	1.23	abc	29.0	i-o	84.3	a-f	54.13		815	efg
PX 1150F360-04	1452	hi	40.8	ij	3.5	n	1.21	cde	30.7	b-f	83.8	b-g	53.00		769	fg
DP 2333 B3XF	1376	i	43.4	e-h	4.2	b-f	1.14	n-r	27.7	p	82.8	hij	53.78		740	g
DG 3425 B3XF	1387	i	42.0	ghi	3.7	k-n	1.17	h-l	29.5	f-l	83.7	c-h	52.40		731	g
Mean	1660		43.5		4.0		1.17		29.8		83.8		53.75		892	
P>F	0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.1513		0.0001	
LSD (P=.10)	182.2		1.73		0.33		0.025		1.04		1.16		NS		120.1	
STD DEV	155.18		1.47		0.23		0.02		0.74		0.83		1.04		85.61	
CV%	9.35		3.38		5.76		1.50		2.49		0.99		1.93		9.59	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville

Table 28. Mid-Coast Cotton Variety Trial, 2025

Cooperator: Danny May – Port Lavaca, TX

Stephen Biles – Victoria, Calhoun, and Refugio County IPM Agent

Hailey Hayes – Calhoun County Extension Agent, Agriculture and Natural Resources

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
PX 1140H143-04	1428	a	43.5	c-i	4.2	g-k	1.15	e-h	31.1	efg	84.3	bcd	54.14	ab	773	a
AMX12526 B3XF	1412	ab	45.2	ab	4.7	b	1.17	c-g	31.2	efg	84.4	bc	54.19	ab	765	ab
PX 1140F330-04	1394	abc	44.0	b-h	4.3	f-j	1.16	c-h	31.0	efg	84.0	b-f	54.16	ab	755	ab
PX 1140F331-04	1376	a-d	44.3	a-f	4.4	e-j	1.16	c-h	32.7	ab	84.3	bcd	54.28	ab	747	abc
24R6522 B3TXF	1372	a-d	45.8	a	4.3	e-j	1.15	c-h	28.8	l-o	82.4	k-n	53.86	a-d	739	a-d
PX 1140H150-04	1339	a-e	43.9	b-h	4.3	e-j	1.15	d-h	32.4	bc	84.6	ab	54.26	ab	726	a-e
PHY 137 W3E1	1285	b-f	41.5	mno	3.8	m	1.20	a	32.3	bcd	83.9	b-h	54.48	a	700	b-f
ST 5855 AXTP	1267	c-g	44.9	abc	4.2	f-k	1.15	e-h	30.6	f-i	83.9	b-h	54.01	abc	684	c-g
PHY 415 W3FE	1261	d-g	42.9	f-l	4.3	f-j	1.15	d-h	31.6	b-f	83.5	c-j	54.20	ab	683	c-g
PX 1140H138-04	1253	d-h	44.2	b-h	4.2	i-l	1.12	ijk	31.8	b-e	84.3	b-e	53.81	a-d	675	d-h
PX1150H167-04	1247	d-i	43.4	d-k	3.9	m	1.13	hij	29.6	i-l	83.7	b-i	53.86	a-d	672	d-h
24R6730 B3TXF	1247	d-i	43.4	d-k	4.0	klm	1.13	hi	29.6	i-l	83.2	f-l	53.84	a-d	672	d-h
DG 3519 B3XF	1231	e-j	42.2	j-o	4.1	jkl	1.17	b-e	30.9	e-h	83.9	b-i	54.28	ab	668	e-h
PHY 136 W3E1	1261	d-g	42.0	k-o	3.8	m	1.16	c-h	30.1	g-j	83.0	g-m	52.85	def	666	e-i
24R6012 B3TXF	1249	d-i	44.0	b-h	4.5	b-e	1.11	jk	28.3	no	82.6	j-n	53.06	cde	664	e-i
PX 1150F360-04	1218	e-k	42.8	h-n	4.3	e-j	1.20	ab	33.6	a	85.5	a	54.43	a	663	e-i
PX 1140H152-04	1215	e-k	42.4	i-o	4.0	klm	1.15	e-h	31.3	def	84.4	bc	54.23	ab	659	e-j
PHY 411 W3FE	1281	b-f	45.8	a	4.3	f-j	1.06	l	29.6	i-l	82.3	k-n	51.21	h	657	e-j
DP 2012 B3XF	1212	e-k	41.4	no	4.4	d-i	1.16	c-g	29.0	k-o	83.0	g-m	53.86	a-d	653	f-k
BX 2666 AXTP	1204	f-l	44.3	b-g	4.4	c-h	1.16	c-g	29.0	k-o	82.2	lmn	53.81	a-d	648	f-k
AMX12677 B3XF	1228	e-j	43.5	c-j	5.0	a	1.16	c-g	32.3	bcd	83.4	c-j	52.50	efg	643	f-l
PX 1150H164-04	1180	f-m	44.7	a-d	4.3	e-j	1.10	k	29.5	j-m	83.2	f-l	53.28	b-e	629	g-m
DP 2541 B3XF	1163	f-n	44.2	b-h	4.4	b-f	1.15	fgh	29.3	j-n	82.2	mn	53.70	a-d	625	g-m
ST 5931 AXTP	1121	i-o	41.8	l-o	3.9	lm	1.20	ab	29.9	h-k	84.5	ab	54.16	ab	607	h-n
DP 2131 B3TXF	1122	h-o	42.2	i-o	4.4	c-g	1.18	abc	28.3	no	82.9	i-m	53.90	a-d	605	h-n
DG 4434 B3TXF	1110	j-o	44.4	a-e	4.3	e-j	1.16	c-h	28.1	o	82.9	h-m	53.84	a-d	598	i-o
ST 4650AXTP	1141	g-n	42.9	g-m	4.6	bc	1.07	l	28.0	o	82.6	j-n	51.61	gh	591	j-o

Table 28 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DG 3503 B3XF	1078	l-p	44.4	a-f	3.9	m	1.17	b-f	30.2	g-j	83.3	e-k	54.08	abc	583	k-o
ST 5260AXTP	1093	k-p	44.1	b-h	4.3	e-j	1.08	l	28.4	mno	82.9	i-m	52.44	efg	573	l-o
ST 6000 AXTP	1049	m-	45.2	ab	4.3	e-j	1.17	c-g	31.4	c-f	84.0	b-f	54.23	ab	569	mno
DP 2020 B3XF	1039	no	41.1	o	4.2	h-l	1.18	a-d	27.9	o	83.4	d-j	53.96	abc	560	mno
DP 2333 B3XF	1056	m-	43.7	c-i	4.6	bcd	1.10	k	26.7	p	81.6	n	51.80	fgh	550	no
DG 3425 B3XF	995	op	42.8	g-m	4.2	h-k	1.15	gh	30.8	e-h	83.9	b-g	54.11	abc	539	no
BX 2665 AXTP	976	p	43.2	e-l	4.3	e-j	1.16	c-h	32.5	b	83.0	g-m	54.21	ab	529	o
Mean	1209		43.5		4.3		1.15		30.2		83.4		53.67		649	
P>F	0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001	
LSD (P=.10)	131.2		1.45		0.23		0.025		0.978		1.10		1.066		70.2	
STD DEV	111.74		1.24		0.20		0.02		0.83		0.93		0.91		59.82	
CV%	9.24		2.84		4.59		1.87		2.76		1.12		1.69		9.21	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville

Table 29. Upper-Coast Cotton Variety Trial, 2025

Cooperator: Dean Hansen – Elmaton, TX

Greg Baker – Matagorda County Extension Agent, Agriculture and Natural Resources

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

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
24R6730 B3TXF	1914	abc	48.4	a-i	4.8	h-k	1.15	kl	29.1	l-p	84.1	c-h	53.90	a	1031	a
PX 1140H143-04	2003	a	46.9	g-l	5.3	a	1.15	kl	30.0	g-m	84.4	a-f	50.40	g	1008	ab
PX 1140H152-04	1937	ab	48.2	b-j	5.2	abc	1.18	f-i	30.4	e-k	84.4	a-f	51.03	efg	987	abc
PX 1140F330-04	1905	abc	47.8	c-k	5.1	a-e	1.17	g-k	29.9	h-n	83.9	c-h	51.30	efg	977	a-d
PHY 415 W3FE	1772	a-f	46.5	i-l	4.9	e-i	1.18	f-i	31.7	a-d	84.9	abc	53.43	ab	943	a-e
PX 1150F360-04	1815	a-e	45.9	kl	5.1	b-f	1.20	b-e	31.4	b-e	84.5	a-f	51.73	c-g	938	a-f
24R6012 B3TXF	1842	a-d	48.9	a-g	5.1	c-g	1.13	lm	27.3	r	82.7	ij	50.97	efg	938	a-f
AMX12526 B3XF	1774	a-f	47.0	f-l	5.0	d-h	1.16	ijk	29.4	j-o	84.1	c-h	52.13	b-f	926	a-g
24R6522 B3TXF	1696	b-g	48.6	a-h	4.5	lmn	1.18	e-i	27.8	qr	82.5	j	53.87	a	913	a-g
PX 1150H167-04	1651	b-i	47.2	e-k	4.7	j-m	1.18	f-i	30.6	d-i	84.9	abc	54.27	a	896	a-h
ST 4650AXTP	1743	a-f	49.7	abc	5.1	c-f	1.10	n	29.6	h-n	83.8	e-i	51.57	d-g	894	a-h
PX 1150H164-04	1667	b-h	50.1	ab	4.9	f-i	1.13	lm	29.3	k-o	83.8	d-h	53.43	ab	890	a-h
PHY 411 W3FE	1664	b-h	48.9	a-f	5.0	e-h	1.13	lm	30.3	e-l	84.0	c-h	52.07	b-f	868	a-i
PX 1140F331-04	1699	b-g	47.2	e-k	5.2	abc	1.17	f-j	32.7	a	85.1	ab	50.73	efg	861	b-i
PX 1140H150-04	1703	a-g	50.4	a	5.3	abc	1.16	h-k	30.7	c-h	84.1	b-h	50.53	g	861	b-i
DG 4434 B3TXF	1592	d-j	47.6	d-k	4.8	g-j	1.18	e-i	29.4	i-n	83.2	hij	53.07	a-d	846	b-i
PHY 400 W3FE	1567	d-k	46.5	i-l	4.7	h-k	1.15	jkl	29.9	h-n	83.3	g-j	53.93	a	845	b-i
DP 2131 B3TXF	1563	d-k	46.9	f-l	4.9	e-i	1.21	bcd	28.9	m-q	83.6	f-i	53.17	abc	832	c-i
DP 2541 B3XF	1602	d-j	46.8	h-l	5.2	a-d	1.18	e-i	28.1	pqr	83.5	f-j	51.67	c-g	828	c-j
AMX12677 B3XF	1634	c-j	48.1	b-j	5.3	ab	1.18	e-i	31.2	c-g	84.0	c-h	50.63	fg	826	c-j
DP 2333 B3XF	1590	d-j	48.2	b-j	5.1	c-f	1.13	lm	28.2	o-r	83.2	hij	51.43	efg	818	d-j
DP 2020 B3XF	1495	f-k	43.8	m	4.6	j-n	1.20	c-f	29.6	h-n	84.0	c-h	54.17	a	809	e-j
PHY 137 W3E1	1476	f-k	45.0	lm	4.5	lmn	1.21	abc	31.2	c-f	84.7	a-e	54.33	a	802	e-j
PX 1140H138-04	1527	e-k	49.8	abc	5.1	b-f	1.12	mn	31.9	abc	84.8	a-d	51.63	d-g	794	e-j
DG 3519 B3XF	1427	g-k	46.6	h-l	4.6	k-n	1.22	ab	32.6	ab	85.4	a	54.50	a	777	f-j
DP 2012 B3XF	1423	g-k	45.0	lm	4.8	h-k	1.18	e-i	29.4	i-n	84.4	a-f	54.10	a	769	g-j
ST 6000 AXTP	1402	g-k	50.0	ab	4.4	n	1.20	c-f	32.9	a	84.2	b-h	54.40	a	762	g-j

Table 29 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
ST 5855 AXTP	1378	h-k	49.6	a-d	4.6	k-n	1.20	c-f	31.5	b-e	83.9	c-h	54.30	a	748	hij
BX 2666 AXTP	1383	h-k	47.3	e-k	4.7	i-l	1.19	d-h	28.8	n-q	83.6	f-i	53.97	a	746	hij
PHY 136 W3E1	1359	ijk	46.9	f-l	4.6	k-n	1.17	f-j	30.6	d-j	83.5	f-i	54.17	a	737	hij
ST 5260AXTP	1371	h-k	49.2	a-e	4.8	h-k	1.12	mn	29.6	h-n	84.3	b-g	53.53	ab	734	hij
ST 5931 AXTP	1334	jk	46.2	jkl	4.5	mn	1.24	a	30.4	e-k	84.8	a-e	54.33	a	724	ij
BX 2665 AXTP	1271	k	47.0	f-l	4.9	e-i	1.19	c-g	30.2	f-l	84.4	a-f	52.23	b-e	665	j
Mean	1611		47.6		4.9		1.17		30.1		84		52.76		848	
P>F	0.0022		0.0001		0.0001		0.0001		0.0001		0.0031		0.0001		0.0396	
LSD (P=.10)	302.1		2.04		0.22		0.03		1.20		1.05		1.51		164.0	
STD DEV	221.66		1.50		0.16		0.02		0.88		0.77		1.11		120.37	
CV%	13.76		3.15		3.29		1.62		2.92		0.92		2.11		14.19	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville

Table 30. Southern Blacklands Monster Cotton Variety Trial, 2025
Cooperator: Stiles Farm
Dale Mott¹, Dr Ben McKnight¹, Tyler Mays², Matt Matocha³ and Ryan Collett³
Texas A&M AgriLife Extension Service – ¹College Station, ²Hillsboro and ³Thrall

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
AMX12677 B3XF	1072	ab	45.9	abc	4.1	a	1.15	bc	29.9	ab	81.5	c-g	53.95	a	578	a
AMX12526 B3XF	1015	abc	42.6	k-o	3.9	abc	1.13	b-f	28.4	c-f	82.0	a-e	53.69	ab	545	ab
PX 1150H167-04 W3FE	1113	a	44.1	e-j	3.2	m	1.11	d-h	28.4	c-f	82.0	a-e	47.24	f	526	ab
PX 1140F330-04 W3FE	985	a-d	45.8	a-d	3.6	c-j	1.11	e-i	27.0	h-m	81.4	c-h	51.81	a-d	511	a-
PX 1140H143-04 W3FE	960	a-e	44.1	e-j	3.8	a-d	1.11	d-h	27.6	e-k	81.3	d-i	51.99	a-d	497	a-
PX 1140H152-04 W3FE	950	a-e	42.1	o	3.5	f-l	1.12	c-g	28.9	a-d	82.3	abc	50.63	a-f	486	a-f
PX 1150H164-04 W3FE	947	a-e	45.8	abc	3.6	d-k	1.09	g-j	27.9	c-i	80.8	ghi	50.56	a-f	479	a-f
PHY 415 W3FE	933	a-e	43.6	h-n	3.5	g-l	1.12	b-f	28.2	c-h	81.5	c-g	50.74	a-e	472	b-f
PX 1150F360-04 W3FE	926	b-e	43.2	i-o	3.4	i-m	1.15	ab	29.1	abc	82.5	ab	51.08	a-e	471	b-f
PX 1140H150-04 W3FE	930	b-e	43.2	i-o	3.4	i-m	1.13	b-e	28.7	b-e	82.1	a-d	50.53	a-f	471	b-f
PX 1140H138-04 W3FE	867	c-g	45.1	b-f	4.1	ab	1.10	f-j	30.0	a	83.0	a	53.20	abc	461	b-
DP 2012 B3XF	885	c-f	40.2	p	3.6	d-k	1.14	bcd	27.0	h-m	81.8	b-f	51.01	a-e	457	b-
DG 3528 B3XF	851	c-h	43.5	h-n	3.8	b-f	1.13	b-f	27.1	g-m	81.9	b-f	50.79	a-e	432	c-i
ST 6000 AXTP	820	d-i	43.2	i-o	3.5	e-k	1.11	e-i	27.0	h-m	81.3	d-i	51.99	a-d	425	c-i
PHY 411 W3FE	830	d-i	46.7	a	3.8	b-g	1.05	l	26.6	i-n	81.9	b-f	50.04	c-f	415	d-j
ST 4650AXTP	783	e-k	44.4	d-i	3.9	abc	1.06	kl	27.4	e-l	81.3	d-h	52.11	a-d	408	e-j
PX 1140F331-04 W3FE	806	d-j	44.7	c-h	3.4	i-m	1.13	b-f	27.8	d-j	82.1	a-d	50.11	c-f	404	e-j
24R6522 B3TXF	770	e-l	45.6	a-e	3.4	h-m	1.14	bcd	27.7	d-k	81.5	b-g	51.24	a-e	395	e-
DP 2131 B3TXF	742	f-l	44.3	e-j	3.6	c-i	1.14	b-e	28.3	c-g	81.5	c-g	52.31	a-d	390	f-k
ST 5855 AXTP	673	h-	44.0	f-k	3.6	d-k	1.13	b-f	29.9	ab	82.2	a-d	53.71	ab	361	g-l
BX 2666 AXTP	734	f-l	43.6	h-n	3.5	d-k	1.12	c-g	26.3	lmn	79.8	j	48.30	ef	357	h-l
24R6012 B3TXF	705	f-	42.7	k-o	3.6	c-j	1.09	g-j	26.5	k-n	81.0	f-i	50.33	b-f	353	i-l

Table 30 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
PHY 137 W3E1	727	f-l	42.3	mno	3.2	lm	1.18	a	29.9	ab	82.6	ab	48.28	ef	351	i-l
DP 2020 B3XF	653	i-m	40.5	p	3.8	b-f	1.15	ab	27.0	h-m	82.5	ab	53.74	ab	351	i-l
BX 2665 AXTP	669	i-m	43.7	f-l	3.7	c-h	1.14	bcd	29.2	abc	81.8	b-f	52.31	a-d	350	i-l
PHY 136 W3E1	695	g-	43.6	g-m	3.4	i-m	1.13	b-e	26.6	j-n	80.3	ij	47.86	ef	345	i-l
DG 4434 B3TXF	680	h-	45.0	b-g	3.3	j-m	1.12	d-h	26.5	j-n	81.1	e-i	47.68	ef	323	jkl
ST 5260AXTP	636	j-m	43.9	f-k	3.8	a-e	1.08	jkl	27.3	f-l	81.1	e-i	50.63	a-f	323	jkl
DP 2541 B3XF	609	kl	42.9	j-o	3.5	g-l	1.12	d-h	26.7	i-n	80.5	hij	49.39	def	298	kl
24R6730 B3TXF	692	g-	42.2	no	3.1	m	1.08	ijk	25.6	n	80.5	hij	41.95	g	293	kl
DP 2333 B3XF	593	lm	42.4	l-o	3.9	abc	1.09	h-k	25.9	mn	81.0	f-i	48.98	def	292	kl
ST 5931 AXTP	538	m	46.1	ab	3.3	klm	1.13	b-f	28.7	b-e	82.0	b-f	50.01	c-f	269	l
Mean	806		43.7		3.6		1.12		27.8		81.6		50.57		409	
P>F	0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001	
LSD (P=.10)	181.31		1.411		0.3		0.028		1.3		0.98		3.433		101.5	
STD DEV	154.31		1.201		0.25		0.024		1.1		0.83		2.922		86.4	
CV%	19.14		2.75		7.09		2.12		3.97		1.02		5.78		21.1	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville

Table 31. Blacklands Research Center - Temple - Monster Cotton Variety Trial, 2025

Cooperator: Blackland Research Center

Dale Mott¹, Dr Ben McKnight¹, Tyler Mays², Matt Matocha³ and Chad Hajda⁴

Texas A&M AgriLife Extension Service – ¹College Station, ²Hillsboro, ³Thrall and ⁴Temple

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
24R6012 B3TXF	1644	a	46.1	op	4.2	d-i	1.06	k	27.6	hij	80.8	hij	52.13	e-h	857	a
PX 1140F330-04	1171	b	47.6	g-n	4.3	c-g	1.12	c-f	29.9	d-g	82.7	abc	53.61	a-f	628	b
PX 1140H143-04	1169	b	48.0	e-k	4.3	c-g	1.13	cd	31.4	a-d	82.4	bcd	53.75	a-d	627	b
PX 1150H167-04	1133	bc	47.6	g-n	4.1	e-j	1.11	c-h	30.2	cde	81.8	c-i	53.59	a-f	608	bc
PX 1140F331-04	1017	b-e	47.9	e-l	4.3	b-g	1.12	cde	32.5	ab	83.3	ab	54.06	abc	550	bcd
PX 1150H164-04	1051	bc	48.8	d-g	4.2	d-h	1.07	jk	29.2	e-h	81.2	e-j	50.81	hi	540	bcd
PX 1150F360-04	973	b-f	45.9	p	4.3	c-g	1.16	ab	31.9	abc	82.4	b-e	53.80	a-d	524	b-e
PX 1140H152-04	937	b-g	46.8	k-p	3.8	jk	1.11	c-g	31.4	a-d	82.2	b-g	52.54	c-g	499	b-f
AMX12677 B3XF	885	b-h	49.8	bcd	4.6	abc	1.11	c-h	31.7	abc	82.6	bc	52.83	a-g	471	b-g
ST 6000 AXTP	878	b-h	47.1	j-p	3.9	hij	1.12	cde	29.9	def	82.7	abc	53.64	a-e	470	b-g
DP 2131 B3TXF	874	b-h	47.3	h-o	4.1	f-j	1.12	cde	28.1	f-j	81.1	e-j	53.45	a-f	467	b-g
DP 2012 B3XF	854	b-h	46.6	l-p	4.4	b-e	1.13	bc	29.2	e-i	82.6	abc	53.75	a-d	459	b-g
PHY 415 W3FE	817	b-h	47.5	h-n	4.2	e-j	1.17	a	31.7	abc	82.4	bcd	54.19	a	443	b-g
PX 1140H138-04	768	b-h	49.5	bcd	4.5	a-d	1.07	ijk	31.9	abc	82.4	bcd	52.03	fgh	398	c-g
DP 2020 B3XF	726	c-h	46.4	nop	4.2	d-i	1.11	c-g	27.4	ij	81.1	f-j	53.36	a-g	388	c-g
ST 5931 AXTP	709	c-h	50.2	abc	4.2	e-i	1.12	cde	31.1	bcd	82.3	b-f	53.74	a-d	380	d-g
24R6730 B3TXF	759	b-h	48.1	e-j	3.6	k	1.08	ijk	28.1	g-j	80.6	ij	49.13	j	377	d-g
AMX12526 B3XF	704	c-h	47.5	h-n	4.3	c-h	1.09	e-j	29.8	d-g	82.0	c-h	53.05	a-g	373	d-g
PX 1140H150-04	680	d-h	46.5	m-p	4.1	e-j	1.14	abc	33.1	a	83.4	ab	53.94	a-d	368	d-g
BX 2665 AXTP	631	d-h	47.8	e-l	4.7	ab	1.13	c	32.2	ab	82.8	abc	54.08	abc	342	d-g
24R6522 B3TXF	632	d-h	49.0	c-f	3.9	ij	1.10	d-i	27.4	ij	80.3	j	52.89	a-g	334	d-g
ST 5855 AXTP	599	e-h	50.6	ab	4.3	d-h	1.13	cd	32.3	ab	83.8	a	54.16	ab	325	d-g
ST 4650AXTP	628	d-h	51.4	a	4.8	a	1.06	k	27.8	hij	81.5	c-i	49.95	ij	313	efg
ST 5260AXTP	575	fgh	48.6	d-h	4.3	c-g	1.08	ijk	29.7	d-g	82.2	b-g	52.56	b-g	302	efg
BX 2666 AXTP	572	fgh	48.4	d-i	4.2	d-h	1.09	f-k	27.7	hij	80.9	hij	52.61	a-g	301	efg
DP 2541 B3XF	550	fgh	47.8	f-m	4.3	b-g	1.11	c-g	28.9	e-i	81.1	g-j	53.39	a-g	294	fg

Table 31 continued.

Variety	Yield (lbs/acre)		Turnout %		Micronaire		Length (inches)		Strength (g/tex)		Uniformity		Loan Value (¢/lbs)		Lint Value (\$/Ac) ¹	
DG 3528 B3XF	544	fgh	47.2	i-o	4.1	e-j	1.08	h-k	27.8	hij	81.2	d-j	52.40	d-h	285	fg
DG 4434 B3TXF	509	gh	49.1	cde	4.0	g-j	1.08	g-k	26.7	j	80.8	hij	52.61	a-g	267	g
PHY 411 W3FE	499	h	49.6	bcd	4.4	b-e	1.07	ijk	29.9	d-g	82.0	c-h	51.81	gh	260	g
Mean	801		48.1		4.2		1.10		29.8		81.9		50.36		424	
P>F	0.0101		0.0001		0.0001		0.0001		0.0001		0.0001		0.0001		0.0073	
LSD (P=.10)	433.94		1.287		0.3301		0.03014		1.809		1.245		1.6104		227.16	
STD DEV	369.08		1.095		0.2808		0.02563		1.539		1.059		1.3705		193.23	
CV%	46.09		2.28		6.63		2.32		5.17		1.29		2.72		45.52	

¹ Lint values were calculated using the 2025 Upland Cotton Loan Valuation Model from Cotton Incorporated.

AMX= Americot Experimental, DP=DeltaPine, DPX = DeltaPine Experimental, DG= DynaGro, DGX= DynaGro Experimental, FM=FiberMax, NG=NexGen, PHY=PhytoGen, PX = PhytoGen Experimental, SSG= Seed Source Genetics, ST= Stoneville



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