



# 2025 Cotton Performance Trials

In the Texas High Plains

TEXAS A&M  
**AGRI LIFE**

RESEARCH AND EXTENSION  
CENTER AT LUBBOCK

Texas A&M AgriLife Research  
Cliff Lamb, Director

Technical Report 26-2  
Texas A&M University- College Station, TX

# Cotton Performance Trials in the Texas High Plains 2025<sup>1/</sup>

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## INTRODUCTION

Cotton performance trials were planted in 2025 at the Texas A&M AgriLife Research and Extension Center in Lubbock (LREC), research station at Halfway, TX, the Texas Tech Research Farm Lubbock, TX, and at the AG-CARES research farm in Lamesa, TX. Trials were conducted for response to bacterial blight at LREC, Verticillium wilt at the Halfway station, and root-knot nematode at the AG-CARES farm. Uniform Variety Trials including commercial or soon to be commercially available varieties were conducted in four environments: LREC dryland, AG-CARES base water, AG-CARES dryland, and Halfway irrigated. New varieties and strains, including potential new commercial varieties or breeding lines, were tested at the Texas Tech Research farm under drip irrigation. All trials were planted in a randomized complete block design with three or four replications, in 2-row plots, 25-35ft long on 40in centers. Soil types, planting dates, harvest dates, irrigation, and cultural practices for each trial are in Table 1.

The region experienced a typically dry winter in 2024-25 that extended through the end of April. Cover crop biomass accumulation was challenging as a result, as was burndown and pre-plant herbicide activity. Rainfall began across the region in the first week of May, and planting began in earnest the week of May 12. Cool temperatures and continued frequent showers, wind and hail events complicated planting and stand establishment. Severe storms were widespread compared to most years in the high plains. Due to the cotton planting challenges, the panhandle and northern high plains (i.e., Lubbock northward to Tulia) areas either switched to corn or sorghum or replanted to those crops following storms that caused cotton stand failures. The area south of Lubbock saw later planting dates, with some growers waiting until near the insurance deadlines of June 5, 10, or 20 (depending on county) to plant a cotton crop. While there were some acres planted to late corn or sorghum, those acres were relatively small, since low irrigation capacities limit the choices of crop species. Relatively frequent widespread rainfall occurred following squaring, and temperatures, while still above the 114-year average from the National Weather Service at the Lubbock International Airport, were mild compared to the last 25 years, resulting in better than average crop conditions across the region. A short period of hot and dry conditions occurred during the first week of August, then more seasonable temperatures returned with occasional showers in some areas. Other areas experienced continued dry conditions, and yield potentials in those areas were severely affected. Boll size and the number of seed per locule were higher in 2025 compared to the last few years. Heat units were higher than average for September and October, and the first freeze was near the average in the region, thus allowing full maturation of the cotton crop in the high plains. Better than average yields resulted from the timely rains and mild temperatures, and abandonment rates were improved compared to the last several years in the region. Fiber quality was generally very good to excellent, with loan values typically ranging from \$0.54 to 0.58 per pound for irrigated and dryland fields in the area. 2025 FSA certified acres indicated that the southern high plains region planted 2,872,093 acres, and harvested 2,219,341, with only 23% abandonment. The panhandle region planted 385,956 acres, and harvested 349,163 acres, with only 10% abandonment. Most of the abandonment occurred early in the season in response to storms, and very little abandonment was due to late-season drought. The southern high plains and panhandle regions accounted for 61% of the harvested acres in Texas and 32% of the harvested acres in the U.S. in 2025.

## ACKNOWLEDGMENTS

Fiber properties were measured at the Fiber and Biopolymer Research Institute, Texas Tech University, with financial support from Texas A&M AgriLife Research Fiber Initiative. Plains Cotton Improvement Program and CSREES Hatch project TEX81390 supplement variety testing fees from participating companies. The Plains Cotton Improvement Committee facilitates this independent variety testing service and provides guidance for the variety testing strategy of the Texas A&M AgriLife Research cotton breeding project at Lubbock. Planting, seed and field preparation, plot maintenance, harvest, sample ginning, and data collection were assisted by student workers Bridgette Capehart, Trevor Clark, Bailey Dehlinger, Kyler Emmons, Evan Muller, Hudson Saban, Raul Sanchez, Rowley Sandoval, Tucker Thixton, and permanent staff of the breeding program contributed extra effort, especially manual weed control and sample harvesting so these trials could be conducted. Special acknowledgment to Reagan Heinrich, Valerie Morgan, Monica Sheehan, Koy Stair, and Leslie Wells. Bacterial blight, Verticillium wilt, reniform nematode, and root-knot nematode ratings were conducted by the Texas A&M AgriLife Research plant pathology project at Lubbock under the supervision of Dr. Terry Wheeler and Dr. Marina Rondon.

## GLOSSARY OF TABLE HEADINGS

**Yield and Agronomic Properties** - Determined from hand-snapped samples.

**Yield** - Pounds of lint harvested per acre.

**Percent Lint-**

Picked - Lint fraction of seed cotton.

Pulled - Lint fraction of burr cotton.

**Boll Size** - Weight, in grams, of seed cotton per boll.

**Seed Index** - Weight, in grams, of 100 fuzzy seed.

**Seed Per Boll (SPB)** - Average number of seed per boll (calculated).

**Visual Properties**

**Maturity (% Open Bolls)** - Visual assessment of relative open bolls on a given date.

**Storm Resistance (SR)** - Visual rating from 1 (very loose boll type, considerable seed cotton loss) to 9 (very tight boll type, no seed cotton loss).

**Height (Hgt)** - Measured average plant height, in inches.

**Disease**

**Def %** - percent of the plant that have defoliation symptoms on a given day.

**Wilt %** - The percentage of plants with verticillium wilt symptoms on a given day.

**Rk** - Number of root-knot nematodes in 500 cc of soil.

**LRK** - Log transformation +1 of the Rk number, which is done to account for pressure in the field.

**Average Blight %** - percent of plot with bacterial blight symptoms on a given day.

**Statistical Analysis**

**Mean** - The average value for the trait being observed.

**c.v.%** - Coefficient of variation. A relative measure of variation within a test, defined as the sample standard deviation expressed as a percentage of the sample mean.

**LSD** - Least significant difference. If the difference between two means exceeds this value, the two means are significantly different at the 0.05 probability level.

## GLOSSARY OF TABLE HEADINGS

**Fiber Properties** - Measured by High Volume Instrument (HVI).

**Micronaire (Mic)** - A relative measure of fiber linear density (mass per unit length) determined by air permeability.

**Length** – An instrument measurement of fiber length, expressed in hundredths of an inch, approximates the classer’s staple length.

**Uniformity** - A measure of the uniformity of fiber length in a sample, measured as the ratio of mean length to upper half mean length, expressed as a percentage.

**Strength** - The force required to rupture (or break) a fiber sample, expressed in grams per tex.

**Elongation** - The amount that a fiber sample will stretch prior to breakage. This is a measure of the deformation of fiber at rupture expressed as a percentage change in length based on the original fiber length.

**Leaf Index (Leaf)** - The visual estimate of the amount of cotton plant leaf material that remains in the lint after the ginning process, ranging from 1(low) to 7(high)<sup>1/</sup>.

**Color Grade (CG)** - A function of the Rd and +b of the fiber sample. The color grade indicates the quadrant of the Nickerson-Hunter cotton colorimeter diagram in which Rd and +b values intersect.<sup>2/</sup>

**Breeding Material** – Material from the LREC cotton breeding program was included in select trials: 19-4-517V, 22-1-415V, 22-1-605V, 22-1-612V, and 22-1-813VN.

### COMPANY IDENTIFICATION

Company	Brand	Variety Designation	Experimental Designation
Americot	NexGen	NG	NGX
Armor	Armor	ARMOR	
BASF	FiberMax	FM	BX
BASF	Stoneville	ST	BX
Brownfield Seed and Delinting	Brownfield Seed and Delinting	BSD	TB
Bayer Crop Science	Deltapine	DP	24R
Nutrien Ag Solutions	DynaGro	DG	
ExCeed Genetics(May)	ExCeed	ExCeed	XC
PhytoGen	PhytoGen	PHY	PX
Seed Source Genetics	Seed Source Genetics	SSG	
University of Arkansas	ARK	ARK	ARK

<sup>1/</sup>Plot stripper used to harvest these tests is not equipped with a field cleaner. Experimental gin set-up may not always approximate leaf index values obtained at commercial gins.

<sup>2/</sup>Fiber quality determinations are made on samples from two reps. If the color grade from these two samples are identical, only one color grade is reported.

Table 1. Locations, soil types, planting dates, harvest dates, and production information for the small plot cotton performance trials in the Texas High Plains, 2026.

<b>Soil Type</b>	<b>Date Planted</b>	<b>Date Harvested</b>	<b>Production Information</b>
Acuff Loam	<b>Lubbock Reniform</b>		1 fertilizer application
	13-Jun	3-Dec	3 herbicide applications: 1PPI, 1 pre, 1 post Furrow irrigation, 4.46 acre inches 14.13 inches rainfall in season
	<b>Lubbock Late Planted</b>		2 harvest aid application,
	20-Jun	3-Dec	
	<b>Lubbock National Standards</b>		
	13-Jun	3-Dec	
Olton Clay Loam	<b>Lubbock Uniform Dryland</b>		1 fertilizer application
	28-May	3-Nov	2 herbicide applications: 1 PPI, 1 post 14.13 inches rainfall in season
Acuff Loam	<b>Lubbock New Varieties and Strains</b>		1 fertilizer application
	13-Jun	17-Nov	4 Herbicide applications 1 pre, 3 post Drip irrigation 8.9 acre inches at Texas Tech 2 harvest aid applications
Pullman Clay Loam	<b>Halfway Uniform Irrigated</b>		2 fertilizer application
	19-May	25-Nov	7 herbicide applications: 3 PPI, 4 post Pivot irrigation, 7.9 acre inches (uniform) Pivot irrigation, 9.4 acre inches in season (Vert)
	<b>Halfway Verticillium Wilt</b>		14.95 inches rainfall in season 1 harvest aid application uniform
	19-May	7-Nov	
Amarillo Fine Sandy Loam	<b>Lamesa Uniform Base Water Drip</b>		1 fertilizer application
	27-May	7-Nov	3 herbicide applications: 1 PPI, 1 pre, 1 post Drip base water, 8.3 acre inches in season Pivot low water, 1.0 acre inches in season
	<b>Lamesa Uniform Dryland</b>		Pivot base water, 2.8 acre inches in season 16.6 inches rainfall in season
	29-May	10-Nov	2 harvest aid applications
	<b>Lamesa National Standards Dryland</b>		
	29-May	10-Nov	
	<b>Lamesa Nematode Base Water</b>		
	4-Jun	12-Nov	

## NOTES

Table 2. Yield, agronomic, and fiber property data from the pivot irrigated uniform cotton variety performance trial at Texas A&M AgriLife Research, Halfway 2025.

Designation	Yield	Agronomic Properties					% Open		Fiber Properties									
		Lint %		Boll Size	Seed Index	SPB	10/6	SR	Hgt	Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	CG
		Picked	Pulled															
PHY 136 W3E1	1748	39.2	30.4	5.3	8.6	30.4	73	7	31	4.6	1.10	81.5	31.0	7.3	81.3	8.4	2	11-2,21-1
24R4542XF	1703	39.1	30.2	5.8	10.5	30.4	66	5	30	4.8	1.10	83.6	31.5	6.7	82.2	8.1	2	21-1
FM 765AX	1676	40.3	31.0	5.8	9.2	32.2	83	5	27	4.7	1.15	83.2	30.9	6.6	82.6	8.0	2	21-1
DP 2541 B3XF	1670	39.8	30.2	4.9	8.5	29.6	63	4	34	4.7	1.20	82.8	29.7	6.8	83.0	8.1	2	11-1,11-2
DP 2328 B3TXF	1664	40.3	31.3	5.1	8.4	30.4	76	4	32	4.7	1.10	82.6	29.7	6.3	83.2	7.8	2	11-2,21-1
24R4035XF	1653	38.9	30.5	6.1	10.3	31.8	66	6	31	4.9	1.20	83.2	32.3	7.0	81.8	8.6	2	11-2
PHY 137 W3E1	1638	37.3	28.6	4.6	9.0	26.9	70	5	28	4.5	1.15	82.8	31.7	7.8	80.8	8.5	2	21-1
DP 2644NR XF	1627	41.1	31.0	5.4	9.1	28.9	65	5	29	4.8	1.15	83.1	33.5	7.1	80.5	8.4	2	21-1,212
DP 2525 B3XF	1584	40.2	32.1	5.9	9.3	33.1	74	7	31	4.8	1.20	83.6	35.1	6.6	81.8	8.4	2	11-2,21-1
DP 2335 B3XF	1581	40.3	31.5	5.5	9.1	31.4	75	6	28	4.4	1.10	81.4	30.6	6.2	83.6	8.1	1	11-1,11-2
PHY 332 W3FE	1570	39.2	30.3	5.5	9.4	29.8	70	6	29	5.0	1.15	82.3	30.9	7.0	80.3	8.6	2	21-1,21-2
DP 1822 XF	1551	36.8	28.9	5.1	10.2	26.7	74	5	31	4.7	1.15	82.1	31.6	6.4	81.6	8.3	2	21-1
PHY 475 W3FE	1542	36.8	28.3	5.1	9.5	28.4	63	7	30	5.0	1.10	82.8	32.4	7.1	81.4	8.3	2	21-1
24R6730B3TXF	1468	39.9	31.2	4.8	7.8	31.7	71	4	30	4.1	1.10	82.1	30.7	6.5	80.4	8.4	2	21-1,21-2
FM 823AXTP	1433	37.0	28.3	5.5	9.5	30.4	80	7	27	4.6	1.15	82.8	30.9	7.1	82.9	7.9	2	11-2
PHY 415 W3FE	1425	38.7	30.1	5.1	9.8	27.0	65	6	30	4.7	1.10	82.9	31.0	6.9	80.1	8.5	2	21-1
BSD 4X	1423	35.9	28.2	6.4	11.3	31.1	73	7	29	4.3	1.10	82.5	30.2	6.6	82.3	8.2	2	11-1,21-1
PHY 357 W3FE	1420	38.2	29.4	5.0	9.3	27.9	73	7	31	4.5	1.10	82.5	31.9	7.0	81.1	7.8	2	21-1,21-2
FM 814AXTP	1391	41.2	32.2	5.8	9.3	31.3	76	6	25	4.6	1.10	82.0	29.0	6.2	82.2	8.3	2	11-1,21-1
PHY 205 W3FE	1391	37.8	28.7	5.5	9.7	29.2	88	8	27	4.9	1.10	81.1	30.5	6.4	81.2	7.9	2	21-1,21-2
TB-19CXP0015A	1379	38.4	29.5	5.7	9.2	31.3	46	6	33	4.5	1.10	82.9	28.7	7.2	82.2	8.2	2	21-1
PHY 411 W3FE	1372	36.6	28.1	4.7	8.3	28.0	78	6	28	4.5	1.10	82.9	30.5	7.2	82.3	7.8	2	21-1,21-2
TB-19CXP00310	1358	35.0	27.8	5.9	10.0	32.9	74	5	27	4.6	1.10	83.3	31.4	6.9	82.6	8.0	2	11-2,21-1
ST 6000AXTP	1341	40.9	31.9	5.7	8.9	31.2	58	5	30	4.4	1.20	83.5	31.4	7.1	82.4	7.7	2	21-1
TB-19CXP0014-12	1334	37.7	29.2	5.7	9.4	32.8	71	5	28	4.5	1.10	81.7	30.6	6.6	81.9	8.5	2	11-1,21-1
FM 757AXTP	1327	39.7	31.1	5.5	8.6	32.7	76	7	27	4.5	1.10	80.9	29.4	5.9	82.9	8.0	2	11-1,21-1
FM 868AXTP	1322	38.6	30.0	6.3	10.6	32.0	66	6	27	4.2	1.10	82.6	30.3	7.1	80.9	8.3	2	21-1
BX 2665AXTP	1310	40.0	31.1	5.3	9.6	29.0	56	5	27	4.5	1.15	83.5	32.7	7.5	82.3	8.3	2	11-1,21-1
ARK 1208	1309	37.2	29.2	5.0	10.9	25.0	69	4	28	4.5	1.20	82.9	30.3	7.4	82.0	7.8	2	21-1,21-2
PHY 433 W3FE	1304	36.7	27.9	4.3	9.7	23.2	71	6	30	4.3	1.20	83.7	33.6	6.8	80.7	8.5	2	11-2,21-2
BX 2616AXTP	1295	39.3	30.3	4.8	8.0	30.8	74	5	28	4.6	1.10	82.2	30.5	7.2	81.8	8.3	2	11-2,21-1
ST 5260AXTP	1290	40.4	31.5	5.9	9.6	31.3	40	5	32	4.5	1.10	81.9	29.6	6.6	81.9	8.4	2	11-2,21-1
ST 5931AXTP	1282	37.8	29.4	5.7	9.5	29.3	55	5	28	3.8	1.10	82.2	30.7	6.6	82.7	7.6	2	21-1,21-2
24R6833B3TXF	1270	37.6	29.4	4.9	8.6	30.8	71	5	31	3.9	1.15	81.9	31.8	6.6	82.7	7.8	2	11-2,21-1
BX 2666AXTP	1247	37.5	29.4	5.4	9.0	30.0	71	4	29	4.5	1.10	81.8	29.9	6.7	81.9	8.0	2	21-1
TB-19CXP0022	1243	37.8	29.3	5.6	10.2	30.0	70	5	29	4.6	1.10	82.9	31.0	6.1	80.6	8.8	2	21-1
BSD 9X	1202	34.7	26.4	5.9	10.4	31.8	71	6	30	4.4	1.10	82.2	30.5	6.3	82.4	8.1	2	21-1
ST 4650AXTP	1178	36.3	28.9	5.3	8.7	31.2	64	4	31	4.4	1.15	82.2	31.6	7.3	82.4	8.2	2	11-2
Ton Buster Magnum	1151	36.0	28.0	5.8	10.3	30.7	71	7	26	4.5	1.10	82.0	28.2	6.3	82.0	8.3	2	11-1,11-2
SSG UA 248	1065	34.4	26.7	5.9	10.8	31.4	71	5	30	4.5	1.15	81.8	30.5	7.3	81.6	8.2	2	11-1,21-1
SSG UA 222	1064	34.2	27.0	5.7	10.6	30.3	54	5	27	4.4	1.15	82.3	30.1	7.7	81.4	8.5	2	21-1
TB-19CXP00214	1039	33.2	25.3	5.4	10.9	28.2	75	6	27	4.3	1.10	82.1	28.2	6.6	82.0	8.5	1	11-1,21-1
Mean	1401	38.0	29.5	5.4	9.5	30.0	69	5	29	4.5	1.13	82.5	30.8	6.8	81.8	8.2	2	
c.v.%	13.2	1.6	2.3	5.5	3.0	5.1	10.5	12	6.0	4.6	3.2	0.9	2.4	3.5	0.9	3.0	24	
LSD 0.05	217	1.0	1.2	0.5	0.5	2.6	8	1	2	0.3	0.06	1.3	1.3	0.4	1.2	0.4	1	

Table 3. Yield, agronomic, and fiber property data from the drip irrigated uniform cotton variety performance trial at the AG-CARES farm, Lamesa 2025.

Designation	Yield	Agronomic Properties					% Open			Fiber Properties									
		Lint %		Boll	Seed	SPB	10/8	SR	Hgt	Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	Color	Grade
		Picked	Pulled	Size	Index														
DP 2644NR XF	1878	41.1	30.8	4.6	8.3	26.9	69	4	35	4.6	1.14	81.7	30.6	7.6	80.4	8.7	2	21-1	
PHY 137 W3E1	1874	38.4	29.6	4.9	8.6	28.8	71	5	34	4.2	1.16	82.0	30.7	8.1	80.8	8.7	2	11-2,21-1	
FM 765AX	1748	42.5	32.9	5.3	8.0	32.6	90	5	31	4.5	1.08	81.7	28.7	6.8	83.0	7.8	2	11-2,21-1	
BX 2665AXTP	1747	41.4	32.4	5.0	8.4	30.0	64	6	35	4.7	1.13	83.4	30.1	8.2	82.3	8.4	1	11-2,21-1	
ST 5931AXTP	1732	38.3	30.1	5.9	9.7	31.1	69	5	36	4.0	1.15	81.2	28.5	7.0	83.2	7.9	2	11-2,21-1	
DP 2328 B3TXF	1717	39.9	30.0	4.4	7.7	28.2	70	4	40	4.4	1.11	80.8	27.7	6.6	83.8	7.8	2	11-1,11-2	
PHY 357 W3FE	1710	40.4	31.0	5.4	8.8	30.4	78	7	36	4.6	1.11	81.2	29.7	6.9	81.5	8.3	2	21-1	
DP 2525 B3XF	1709	42.5	34.0	5.3	7.8	33.7	83	6	34	4.7	1.19	81.7	31.9	6.8	82.0	8.3	2	11-2,21-1	
PHY 475 W3FE	1690	39.2	29.6	4.3	8.0	27.4	71	5	37	4.6	1.05	79.8	29.3	7.1	80.6	9.1	1	11-2	
24R4542XF	1686	38.3	29.9	5.1	9.0	29.7	73	5	36	4.3	1.11	82.1	29.4	6.8	82.6	8.2	2	11-1,11-2	
PHY 332 W3FE	1681	39.0	29.4	4.9	8.7	28.4	78	6	35	4.3	1.12	81.2	29.0	7.4	80.9	9.1	2	11-1,11-2	
FM 868AXTP	1676	38.6	29.7	5.5	9.6	29.8	76	6	35	4.4	1.08	81.1	28.6	7.2	81.7	8.6	2	11-1,11-2	
DP 1822 XF	1673	37.0	29.0	4.6	9.6	25.5	83	6	34	4.5	1.14	81.8	31.1	6.4	82.3	8.3	2	21-1	
PHY 411 W3FE	1673	38.5	29.3	4.1	7.4	27.6	73	7	34	4.4	1.06	80.3	29.2	7.3	83.1	7.9	2	11-2,21-1	
24R6730B3TXF	1672	41.4	31.3	4.5	7.3	30.3	73	4	36	4.5	1.07	81.0	28.0	6.5	80.6	8.6	2	21-1	
BSD 4X	1658	38.6	29.5	5.4	9.2	28.3	79	7	33	4.0	1.06	79.5	26.9	6.3	82.9	8.4	2	11-1,11-2	
BSD 9X	1656	37.9	28.8	5.4	9.2	32.1	83	5	35	4.4	1.10	81.8	29.0	6.4	82.5	8.1	2	11-2,21-1	
BX 2666AXTP	1649	40.1	29.9	4.3	7.9	28.6	61	4	38	4.2	1.09	80.9	27.3	6.4	82.5	7.8	2	21-1	
BX 2616AXTP	1640	41.9	31.2	4.1	6.7	30.0	80	3	34	4.5	1.06	80.9	27.6	7.5	81.6	8.7	2	11-2	
FM 823AXTP	1631	39.3	30.0	4.6	7.9	29.3	86	6	30	4.4	1.11	81.7	30.2	6.8	83.2	8.0	1	11-1,11-2	
PHY 433 W3FE	1604	37.8	27.6	4.4	8.9	25.5	71	6	37	4.3	1.10	80.7	29.9	7.0	79.9	8.8	2	21-1	
DP 2335 B3XF	1603	41.1	31.0	4.6	7.9	28.7	74	6	34	4.0	1.11	80.0	28.8	6.3	83.4	8.3	2	11-1	
PHY 136 W3E1	1551	39.9	29.4	4.1	7.6	27.2	78	7	31	4.2	1.05	79.1	27.1	7.2	81.9	8.7	1	11-1,11-2	
ST 4650AXTP	1547	42.5	32.9	5.3	8.2	31.8	79	5	39	4.8	1.05	80.9	28.2	7.6	81.6	8.7	2	11-1,21-1	
PHY 205 W3FE	1543	38.3	28.8	4.8	8.3	29.6	86	7	30	4.4	1.05	80.6	28.4	6.6	82.6	8.3	2	11-1,21-1	
24R4035XF	1541	39.1	30.4	5.5	9.5	29.7	75	5	36	5.0	1.13	83.2	30.4	7.0	81.8	8.6	2	11-1,11-2	
ST 6000AXTP	1538	42.5	31.8	4.7	7.8	29.2	74	4	38	4.5	1.11	82.2	29.3	7.2	83.0	8.3	1	11-1	
TB-19CXP0015A	1531	40.1	31.5	5.1	8.0	31.9	80	5	37	4.4	1.08	80.7	26.3	7.4	81.4	8.6	2	11-2,21-1	
ST 5260AXTP	1527	42.3	33.6	5.4	7.9	32.7	73	5	38	5.0	1.05	80.9	28.3	7.0	81.7	8.7	2	11-1,21-1	
FM 814AXTP	1506	42.3	32.4	5.0	8.2	29.3	90	7	33	4.4	1.09	82.1	27.6	6.0	83.0	7.9	2	11-2,21-1	
PHY 415 W3FE	1505	38.7	28.7	4.3	8.4	25.7	86	5	34	4.4	1.10	80.9	29.2	7.0	79.9	9.0	2	11-2,21-1	
TB-19CXP0022	1502	36.7	28.3	5.1	9.5	27.5	73	5	36	4.6	1.10	82.1	29.3	6.6	80.7	9.1	2	11-1,11-2	
24R6833B3TXF	1462	38.6	29.6	4.5	7.7	30.4	74	5	39	4.2	1.12	81.1	28.6	6.6	83.6	7.9	2	11-1,11-2	
FM 757AXTP	1447	42.4	32.6	5.0	7.6	32.9	89	6	29	4.6	1.10	80.5	28.3	6.3	83.2	8.1	2	11-1,11-2	
Ton Buster Magnum	1399	36.3	28.0	5.4	10.2	28.7	80	7	34	4.3	1.10	81.2	28.2	6.4	81.1	8.5	3	11-2,21-1	
TB-19CXP0014-12	1384	37.8	28.5	4.9	8.2	30.8	76	4	35	4.4	1.05	80.6	28.2	6.5	81.0	8.5	2	11-2,21-1	
DP 2541 B3XF	1361	41.9	31.5	4.5	7.5	30.5	79	4	36	4.7	1.10	81.1	27.8	6.7	82.9	8.3	2	11-1	
SSG UA 222	1324	36.9	29.1	5.5	9.6	31.1	63	4	33	4.5	1.09	81.5	27.8	7.6	81.9	8.6	2	11-1,11-2	
ARK 1208	1287	36.2	27.8	4.2	9.3	23.9	69	4	32	4.3	1.11	80.1	26.9	7.6	81.5	8.4	2	21-1	
TB-19CXP00214	1181	36.7	27.3	5.1	10.0	28.1	81	5	34	4.5	1.06	80.8	27.7	6.6	81.4	8.7	2	11-1,21-1	
SSG UA 248	1172	34.0	26.2	4.9	9.0	29.9	78	4	33	4.1	1.09	79.6	28.1	7.0	82.1	8.6	2	11-1,11-2	
TB-19CXP00310	1148	36.6	27.9	4.8	9.2	27.8	90	5	31	4.6	1.10	81.5	29.4	6.7	82.3	8.1	2	11-2,21-1	
Mean	1566	39.3	30.1	4.8	8.5	29.3	76	5	35	4.4	1.09	81.1	28.7	6.9	82.0	8.4	2		
c.v.%	10.9	2.0	2.8	6.3	3.7	6.5	13.1	17	7.7	3.1	2.2	0.9	2.3	2.9	0.6	3.0	31.3		
LSD 0.05	200	1.3	1.4	0.5	0.5	3.2	12	1	3.1	0.2	0.04	1.2	1.1	0.3	0.8	0.4	1		

Table 4. Yield, agronomic, and fiber property data from the dryland uniform cotton performance trial at Texas A&M AgriLife Research, Lubbock 2025.

Designation	Yield	Agronomic Properties					% Open			Fiber Properties								
		Lint %	Picked	Pulled	Boll Size	Seed Index	SPB	Bolls 9/25	SR	Hgt	Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf
PHY 357 W3FE	766	39.6	31.1	4.6	9.2	26.0	51	7	22	5.0	1.09	83.1	32.4	6.9	81.5	8.5	1	11-2,21-1
DP 2644NR XF	713	41.0	31.4	4.8	8.8	26.9	58	4	20	5.1	1.11	82.4	32.7	7.3	79.6	8.7	2	21-1,21-2
PHY 475 W3FE	707	38.2	28.8	4.4	9.2	25.1	36	6	21	5.2	1.07	82.4	32.5	7.3	80.8	8.6	2	21-1
PHY 433 W3FE	688	38.1	29.2	4.7	9.3	27.3	51	7	22	4.8	1.11	83.4	33.5	7.0	79.9	8.8	2	21-1
PHY 136 W3E1	687	39.2	30.1	4.4	8.2	26.9	56	7	20	4.8	1.08	81.8	32.0	7.3	81.4	8.6	2	11-2
PHY 332 W3FE	668	38.7	29.5	5.0	9.2	28.1	43	6	20	5.0	1.12	82.7	32.2	7.0	80.8	8.8	2	11-2,21-1
24R4542XF	664	40.2	31.4	5.1	9.7	27.3	71	4	21	4.9	1.07	82.7	31.9	6.7	82.3	8.2	2	11-2,21-1
BSD 4X	649	38.0	29.9	5.4	10.7	27.6	80	7	20	4.9	1.04	81.0	27.7	6.3	81.2	8.7	2	11-1,21-1
PHY 137 W3E1	640	38.1	29.6	4.7	8.7	28.2	63	6	18	4.7	1.13	83.3	34.0	7.5	81.1	8.7	1	11-2,21-1
PHY 411 W3FE	630	39.6	30.6	4.2	7.9	26.4	60	7	19	5.0	1.03	82.6	30.5	7.0	83.7	7.9	2	11-1,11-2
ST 5931AXTP	625	39.8	31.3	6.1	10.2	30.4	30	6	21	4.6	1.11	83.2	31.3	6.8	81.4	8.2	2	21-1
PHY 205 W3FE	620	39.3	29.3	4.8	9.3	26.6	85	8	18	4.9	1.02	82.0	30.8	6.4	82.6	8.2	1	11-1,21-1
FM 765AX	617	42.6	32.7	4.8	8.3	29.4	86	5	19	4.9	1.09	83.1	31.7	6.6	81.1	7.9	1	21-1,31-1
DP 1822 XF	613	37.7	30.0	4.6	9.2	26.9	78	5	21	4.8	1.10	82.3	32.3	6.4	81.8	8.5	2	11-2
ST 5260AXTP	607	41.6	32.4	5.5	9.5	29.2	31	5	22	5.2	1.07	82.1	30.3	6.7	81.7	8.6	1	11-2
DP 2541 B3XF	601	40.9	31.5	4.3	7.7	28.4	49	5	23	4.9	1.08	81.3	29.5	6.7	83.1	8.3	2	11-1,11-2
PHY 415 W3FE	584	37.7	27.5	4.4	9.2	25.0	51	7	19	4.8	1.10	82.8	32.8	7.0	79.9	8.8	2	21-1
24R6833B3TXF	582	37.7	28.8	4.4	8.3	28.5	48	6	22	4.4	1.14	81.7	32.6	6.3	83.2	7.8	2	11-2,21-1
24R4035XF	568	40.0	31.2	5.2	9.1	29.5	65	4	22	5.3	1.10	83.4	32.8	7.0	81.7	8.6	2	11-2
ST 4650AXTP	561	42.4	32.8	4.9	8.2	29.2	60	4	21	5.0	1.03	80.7	29.2	7.3	80.6	9.0	2	11-2,21-1
BX 2616AXTP	560	42.5	32.3	4.1	7.4	28.3	64	4	20	4.9	1.08	82.4	30.5	7.6	81.4	8.7	2	11-2
Ton Buster Magnum	556	36.7	28.5	5.2	10.3	28.5	74	5	20	4.7	1.06	81.2	28.9	6.2	81.6	8.5	2	11-1,21-1
TB-19CXP0022	552	38.9	29.9	4.9	9.3	26.8	56	6	21	5.2	1.06	82.5	30.8	6.2	80.3	9.1	2	21-1
TB-19CXP0014-12	545	38.8	29.8	4.8	8.5	29.9	71	4	20	5.2	1.04	81.5	29.9	6.5	80.0	8.9	2	11-2,21-1
BX 2666AXTP	544	42.2	32.7	4.6	8.5	28.1	45	4	19	4.9	1.08	81.6	29.6	6.5	82.2	8.6	2	11-2
24R6730B3TXF	537	40.6	31.5	4.6	7.7	30.2	51	4	21	4.7	1.07	82.8	30.6	6.5	80.8	8.9	1	11-2
BX 2665AXTP	537	40.4	32.0	4.9	8.8	27.5	51	6	19	5.1	1.08	82.9	31.4	7.6	81.3	8.3	2	21-1
SSG UA 222	533	35.1	27.4	5.2	10.5	28.9	34	5	20	5.2	1.10	82.9	31.2	7.4	80.4	8.6	2	21-1
SSG UA 248	530	34.5	27.3	5.1	9.5	30.1	70	4	21	5.1	1.09	82.1	31.0	7.0	80.5	8.7	2	11-2,21-1
ST 6000AXTP	527	41.9	32.6	4.9	8.6	29.3	41	5	20	4.8	1.11	83.0	33.3	6.9	81.7	8.2	2	21-1
DP 2525 B3XF	512	39.9	31.3	4.8	8.0	29.9	71	7	22	5.0	1.13	83.3	35.3	6.6	81.0	8.9	2	11-2
TB-19CXP0015A	505	39.6	30.5	4.7	8.4	28.4	56	4	22	4.8	1.06	81.5	29.0	7.2	79.7	8.1	2	31-1
FM 814AXTP	504	41.9	32.3	4.8	8.4	28.7	73	7	18	4.8	1.05	81.9	28.2	6.2	81.7	8.4	1	11-2,21-1
TB-19CXP00310	503	34.2	26.7	5.1	9.5	29.6	75	5	18	5.1	1.08	82.2	30.6	6.8	80.9	8.4	2	21-1
DP 2335 B3XF	497	40.2	30.9	4.9	8.1	30.1	38	7	18	4.6	1.10	81.9	30.5	6.2	83.7	8.4	1	11-1
ARK 1208	491	36.1	27.9	4.5	10.4	23.5	54	3	21	5.0	1.12	83.2	30.0	7.5	80.9	8.7	2	11-2,21-1
FM 823AXTP	482	36.6	28.5	4.6	8.4	28.7	76	7	18	4.7	1.09	83.2	31.7	6.9	82.4	8.2	2	11-1,21-1
BSD 9X	469	36.7	27.9	5.3	10.1	28.9	59	5	21	5.1	1.04	81.2	29.0	6.3	81.5	8.5	2	11-2,21-1
FM 868AXTP	469	38.5	30.3	5.4	9.7	29.6	53	6	18	4.9	1.07	81.7	30.9	6.7	80.7	8.7	2	21-1
FM 757AXTP	442	41.0	31.9	4.9	7.9	30.9	69	6	19	5.0	1.07	80.9	29.0	5.9	81.8	8.1	2	21-1
TB-19CXP00214	435	35.2	27.7	5.0	10.1	26.8	73	5	18	5.2	1.02	81.1	27.8	6.5	80.3	9.1	2	21-1
DP 2328 B3TXF	376	39.6	29.4	4.0	7.8	26.2	49	4	21	4.9	1.09	81.3	28.3	6.3	83.4	7.9	2	11-1,21-1
Mean	569	39.1	30.2	4.8	8.9	28.1	58	5	20	4.9	1.08	82.2	30.9	6.8	81.4	8.5	2	
c.v.%	14.6	2.3	2.8	4.5	2.5	4.3	9.1	15	6.7	2.1	1.6	0.9	2.5	2.7	0.7	2.1	36.2	
LSD 0.05	97	1.5	1.4	0.4	0.4	2.0	12	1	2	0.2	0.03	1.2	1.3	0.3	0.9	0.3	1	

Table 5. Yield, agronomic, and fiber property data from the dryland uniform cotton performance trial at the AG-CARES farm, Lamesa 2025.

Designation	Yield	Agronomic Properties						% Open		Fiber Properties								
		Lint %		Boll Size	Seed Index	SPB	Hgt	Bolls 9/26	SR	Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	Color Grade
		Picked	Pulled															
PHY 475 W3FE	746	41.0	31.4	3.7	7.7	24.4	26	78	5	5.0	1.01	80.1	30.1	7.0	80.4	9.0	1	11-2,21-1
PHY 136 W3E1	718	41.3	31.4	3.8	7.1	26.7	23	75	7	4.5	1.01	80.0	28.8	7.1	79.8	9.3	1	11-1,11-2,21-3
PHY 137 W3E1	704	39.6	29.8	3.7	7.4	24.9	25	80	5	4.7	1.05	81.8	31.4	7.1	78.9	9.4	2	21-1,21-3
ST 4650AXTP	688	42.3	32.8	4.2	7.6	27.0	26	77	4	5.0	1.00	80.6	28.5	7.1	80.7	9.1	1	11-2
24R6730B3TXF	683	40.6	31.7	3.3	6.6	22.7	26	65	5	4.7	1.00	79.9	26.8	6.2	80.3	9.0	1	11-2,21-1
24R4542XF	682	39.1	30.0	4.3	8.9	25.3	25	73	5	4.7	1.01	80.5	28.8	6.7	81.5	8.6	2	11-2
PHY 357 W3FE	678	37.7	28.8	4.1	8.0	25.0	28	68	7	4.8	1.01	81.2	29.2	6.5	79.9	9.1	2	21-1
FM 765AX	660	40.7	31.1	3.8	7.1	26.5	24	90	4	4.7	0.98	79.6	27.5	6.5	81.7	8.4	2	11-1,21-1
24R4035XF	655	40.1	31.6	4.8	8.8	28.6	26	83	4	5.3	1.05	81.3	30.3	6.6	80.2	8.9	1	11-2,21-2
DP 2644 XF	632	41.7	31.7	4.1	8.0	24.9	24	77	3	5.3	1.05	82.0	31.9	6.7	79.1	9.4	1	21-1,21-3
DP 2328 B3TXF	623	42.2	32.0	3.6	7.4	23.4	26	62	3	4.8	1.00	79.8	26.8	6.5	82.3	8.7	1	11-1,11-2
FM 868AXTP	619	41.2	32.0	5.0	8.5	27.8	24	87	6	4.5	1.01	80.8	28.5	6.5	80.6	9.0	1	11-1,11-2,21-1
DP 2541 B3XF	600	41.1	31.2	3.9	7.4	25.8	26	60	4	4.8	1.05	80.9	28.8	6.4	82.6	8.6	1	11-1,11-2
DP 1822 XF	599	37.7	29.3	3.8	8.8	23.3	27	90	4	4.6	1.03	80.0	28.5	6.2	80.7	8.8	1	11-2,21-1
TB-19CXP0015A	598	43.1	32.6	4.0	7.3	26.6	27	70	5	5.0	0.96	78.2	25.3	7.2	79.7	9.1	2	21-1
DP 2335 B3XF	596	42.4	32.5	4.0	7.5	26.2	24	65	6	4.7	1.00	79.6	27.6	5.9	82.2	9.1	1	11-1
PHY 205 W3FE	587	38.3	27.9	3.6	7.8	24.2	23	93	7	4.4	0.97	79.9	26.7	6.4	81.5	8.9	2	11-1,11-2
PHY 332 W3FE	586	38.4	28.7	3.5	7.5	23.7	23	58	6	4.6	0.99	79.0	26.3	6.9	78.8	9.2	2	21-1,21-2,21-3
ST 5260AXTP	585	44.1	34.5	4.3	8.2	26.4	25	25	4	5.5	0.98	79.7	28.1	6.6	80.5	9.3	1	11-1,11-2
24R6833B3TXF	584	39.9	31.1	4.3	7.4	31.2	29	72	6	4.5	1.04	80.2	29.5	6.2	83.4	8.5	2	11-1
BSD 9X	581	37.1	27.8	4.4	9.0	26.7	24	82	5	5.1	1.01	80.7	28.4	6.3	80.4	8.7	2	21-1
TB-19CXP0014-12	580	40.3	30.4	3.9	8.1	25.4	25	75	5	5.0	0.97	79.3	26.6	6.3	79.8	9.3	2	11-2,21-1,21-3
PHY 433 W3FE	578	38.7	29.1	4.0	8.7	23.3	25	50	6	4.6	1.06	82.5	30.6	6.8	78.6	9.1	2	21-1,31-1
TB-19CXP0022	564	41.1	31.3	4.2	8.7	25.2	27	67	5	5.1	1.00	80.2	27.0	6.0	78.8	9.4	2	21-1,21-3
SSG UA 248	555	35.5	27.6	4.2	9.3	25.0	25	72	5	4.9	1.04	80.2	29.3	6.8	81.0	8.7	2	11-2,21-1
ST 5931AXTP	550	41.5	32.0	4.3	8.8	24.8	25	47	5	4.7	1.02	80.8	28.0	6.6	81.5	8.6	1	11-1,11-2,21-1
BSD 4X	549	38.2	29.4	4.3	9.1	25.3	24	88	7	4.5	0.99	79.4	25.0	5.8	81.7	8.9	2	11-1,11-2
FM 823AXTP	543	39.9	30.8	3.8	7.7	25.3	22	88	5	4.7	1.02	81.2	29.3	6.6	82.3	8.3	2	11-1,21-1
BX 2666AXTP	540	39.9	31.3	4.1	8.0	25.7	24	85	4	4.9	1.02	80.0	26.7	6.4	81.6	8.8	1	11-1,11-2
PHY 415 W3FE	540	37.3	28.4	3.7	8.0	23.0	25	77	6	4.6	1.03	80.8	29.0	6.7	78.5	9.3	2	21-1,21-3,31-3
ARK 1208	525	38.6	29.3	3.8	9.0	21.6	25	58	4	4.9	1.05	81.3	28.6	6.6	79.8	8.9	2	21-1
DP 2525 B3XF	525	41.1	32.6	4.2	7.4	28.2	26	92	4	4.9	1.05	81.3	30.8	6.2	80.7	8.8	1	11-2,21-1
PHY 411 W3FE	523	39.8	30.4	3.5	7.4	22.9	23	78	6	5.0	0.95	79.9	27.0	6.5	81.7	8.6	1	11-2
BX 2616AXTP	514	41.5	32.0	3.7	6.8	26.7	23	80	4	4.9	1.02	81.0	29.5	6.9	80.9	9.0	2	11-2,21-1
TB-19CXP00310	507	35.4	27.5	3.9	8.5	25.6	23	87	5	4.5	1.01	80.6	28.0	6.7	80.4	8.6	2	11-2,21-1
FM 814AXTP	500	41.1	31.6	3.9	7.7	25.5	23	92	5	4.2	1.02	78.6	25.6	6.3	81.5	8.7	1	11-1,11-2
SSG UA 222	496	36.6	27.9	3.8	9.1	22.8	24	60	5	4.8	1.03	80.2	29.0	6.9	80.1	8.9	3	11-2,21-1
TB-19CXP00214	478	36.6	27.4	4.1	9.1	25.7	24	90	4	4.4	0.99	79.5	25.6	6.3	80.1	9.2	2	11-2,21-1
FM 757AXTP	476	40.6	31.2	4.0	7.2	28.1	22	92	6	4.6	1.01	78.7	25.0	5.8	81.6	8.7	1	11-1,11-2
BX 2665AXTP	461	39.6	30.6	3.9	8.1	24.1	22	57	5	5.2	1.02	81.4	30.4	7.5	80.7	9.1	1	11-1,11-2
Ton Buster Magnum	453	35.4	27.0	4.6	9.0	28.0	24	78	6	4.8	0.99	79.4	24.9	6.1	80.9	9.2	2	11-1,11-2
ST 6000AXTP	426	42.1	32.3	4.3	7.7	26.1	24	37	5	4.9	1.03	80.9	30.0	6.8	81.5	8.6	1	11-1,11-2,21-1
Mean	578	39.8	30.5	4.0	8.0	25.5	25	73	5	4.8	1.01	80.3	28.2	6.5	80.7	8.9	2	
c.v.%	13.8	2.4	2.7	10.6	3.5	10.1	7.0	17.2	15	3.9	2.0	1.0	3.8	3.8	0.7	2.3	28	
LSD 0.05	108	1.3	1.1	0.6	0.4	3.5	2	17	1	0.3	0.03	1.1	1.4	0.3	0.7	0.3	1	

Table 6. Yield summary over four locations of the uniform cotton variety performance trials conducted by Texas A&M AgriLife Research, Lubbock 2025.

Designation	Overall Avg	Lubbock Dryland Rank	Halfway Pivot Irrigated Rank	Lamesa Drip Base Rank	Lamesa Dryland Rank
PHY 137 W3E1	1214	9	7	2	3
DP 2644NR XF	1213	2	8	1	10
24R4542XF	1184	7	2	10	6
PHY 136 W3E1	1176	5	1	23	2
FM 765AX	1175	13	3	3	8
PHY 475 W3FE	1171	3	13	9	1
PHY 357 W3FE	1144	1	18	7	7
PHY 332 W3FE	1126	6	11	11	18
DP 1822 XF	1109	14	12	13	14
24R4035XF	1104	19	6	26	9
DP 2328 B3TXF	1095	42	5	6	11
24R6730B3TXF	1090	26	14	15	5
DP 2525 B3XF	1083	31	9	8	32
BSD 4X	1070	8	17	16	27
DP 2335 B3XF	1069	35	10	22	16
DP 2541 B3XF	1058	16	4	37	13
PHY 411 W3FE	1050	10	22	14	33
ST 5931AXTP	1047	11	33	5	26
PHY 433 W3FE	1044	4	30	21	23
PHY 205 W3FE	1035	12	20	25	17
FM 823AXTP	1022	37	15	20	28
FM 868AXTP	1022	39	27	12	12
BX 2665AXTP	1014	27	28	4	40
PHY 415 W3FE	1014	17	16	31	30
TB-19CXP0015A	1003	32	21	28	15
BX 2616AXTP	1002	21	31	19	34
ST 5260AXTP	1002	15	32	29	19
BX 2666AXTP	995	25	35	18	29
ST 4650AXTP	994	20	38	24	4
BSD 9X	977	38	37	17	21
FM 814AXTP	975	33	19	30	36
24R6833B3TXF	975	18	34	33	20
TB-19CXP0022	965	23	36	32	24
TB-19CXP0014-12	961	24	25	36	22
ST 6000AXTP	958	30	24	27	42
FM 757AXTP	923	40	26	34	39
ARK 1208	903	36	29	39	31
Ton Buster Magnum	890	22	39	35	41
TB-19CXP00310	879	34	23	42	35
SSG UA 222	854	28	41	38	37
SSG UA 248	831	29	40	41	25
TB-19CXP00214	783	41	42	40	38

Table 7. Yield, agronomic, and fiber property data from the irrigated national standards cotton variety performance trial at Texas A&M AgriLife Research, Lubbock 2025.

Designation	Yield	Agronomic Properties					% Open			Fiber Properties								
		% Lint		Boll Size	Seed Index	SPB	Bolls			Mic	Length	ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	CG
		Picked	Pulled				10/22	SR	Hgt									
DG 3519 B3XF	854	35.9	27.8	5.9	9.6	35.7	64	5	26	4.5	1.24	83.8	32.0	6.9	81.4	8.5	2	21-1
FM 2498GLT	830	34.8	27.2	6.2	11.5	32.4	58	6	25	5.0	1.19	83.1	30.3	6.2	80.9	8.4	3	21-1
DP 2012 B3XF	762	36.9	27.6	4.6	8.7	32.2	83	6	26	4.3	1.17	83.4	29.6	6.2	81.9	8.5	2	11-1,21-1
DP 2127 B3XF	710	34.3	27.0	5.8	10.2	34.4	76	4	25	4.8	1.14	82.6	28.9	6.7	82.0	8.6	1	11-1,11-2
DP 2239 B3XF	703	35.7	28.0	5.0	8.8	33.8	74	6	24	4.2	1.22	83.0	29.6	7.0	82.6	8.7	1	11-1
ARMOR 9371 B3XF	688	34.0	25.9	5.5	9.8	32.7	76	4	26	4.4	1.16	83.1	28.5	6.7	82.9	8.0	1	11-2
ST 5091B3XF	520	36.0	28.7	6.1	9.8	36.9	61	6	24	4.5	1.14	82.5	28.8	6.2	80.6	8.8	2	11-2,21-1
NG 4936B3XF	447	31.8	24.7	5.4	9.9	34.2	75	4	24	4.4	1.20	83.7	29.5	7.3	83.8	8.0	1	11-1
Mean	689	34.9	27.1	5.5	9.8	34.0	71	5	25	4.5	1.18	83.1	29.6	6.6	82.0	8.4	2	
c.v.%	12.8	2.4	3.2	6.2	3.4	8.4	15.0	9.5	7.3	2.7	1.4	1.0	2.2	2.9	1.2	4.4	48	
LSD 0.05	108	1.6	1.7	0.6	0.6	5.4	13	1	2	0.2	0.03	1.5	1.2	0.4	1.9	0.7	1	

Table 8. Yield, agronomic, and fiber property data from the dryland national standards cotton variety performance trial at the AG-CARES farm, Lamesa 2025.

Designation	Yield	Agronomic Properties					% Open			Fiber Properties								
		% Lint		Boll Size	Seed Index	SPB	Bolls			Mic	Length	ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	CG
		Picked	Pulled				9/30	SR	Hgt									
DG 3519 B3XF	787	35.9	28.3	4.4	8.6	28.8	74	5	26	4.7	1.08	82.0	30.3	6.6	81.1	8.5	2	21-1
DP 2127 B3XF	757	38.9	30.7	4.9	9.2	28.6	73	4	27	5.5	1.04	82.0	28.1	6.3	81.6	8.8	1	11-1,21-1
DP 2239 B3XF	744	39.5	30.5	4.6	8.2	30.2	71	6	23	5.1	1.10	83.3	30.0	6.7	81.8	8.8	1	11-1,11-2
FM 2498GLT	736	38.8	30.4	5.3	9.3	31.6	90	6	25	5.3	1.04	81.7	28.2	6.0	81.3	7.9	2	21-2
DP 2012 B3XF	658	37.6	28.0	4.2	7.9	30.5	80	4	25	4.9	1.08	81.6	27.7	5.9	82.7	8.4	1	11-1,21-1
ARMOR 9371 B3XF	617	38.2	27.0	4.2	8.7	26.8	76	3	26	5.3	1.04	81.3	28.0	6.2	82.0	8.8	2	11-1
NG 4936B3XF	568	35.3	28.2	4.6	8.3	31.8	76	3	24	4.9	1.09	82.5	28.6	7.2	83.5	8.6	1	11-1
ST 5091B3XF	548	37.2	29.5	4.5	7.8	30.8	79	4	26	5.1	1.01	80.3	25.4	5.9	81.8	9.0	1	11-1
Mean	677	37.7	29.0	4.6	8.5	29.9	77	4	25	5.1	1.06	81.8	28.3	6.3	81.9	8.6	1	
c.v.%	20.6	1.5	2.1	7.4	5.1	6.3	9.3	15	6.1	3.1	1.8	0.9	3.1	3.0	1.0	3.1	38	
LSD 0.05	170	1.1	1.1	0.6	0.8	3.5	9	1	2	0.3	0.04	1.4	1.2	0.4	1.5	0.5	1	

Table 9. Yield, agronomic, and fiber property data from the drip irrigated new varieties and strains trial at the Texas Tech research farm, Lubbock 2025.

Designation	Yield	Agronomic Properties					% Open		Fiber Properties									
		% Lint		Boll Seed		SPB	Bolls		Hgt	Mic	Length	Unifo- rmity	Stre- ngth	Elong- ation	Rd	+b	Leaf	CG
		Picked	Pulled	Size	Index		10/30	SR										
PHY 475 W3FE	2212	36.6	29.0	5.4	9.2	32.6	60	3	41	4.5	1.10	82.7	30.6	7.6	81.9	8.1	2	21-1
PX 1140H143-04 W3FE	2205	36.7	29.4	5.5	9.6	30.9	73	4	37	4.4	1.15	83.2	30.1	7.4	81.8	8.3	2	11-2,21-1
PX 1120H288-04 W3FE	2194	36.1	27.9	5.6	9.9	30.6	55	5	31	4.1	1.20	82.5	31.4	7.3	82.0	7.8	2	21-1,21-2
PX 1140H150-04 W3FE	2175	35.3	28.0	5.8	10.3	30.8	73	4	38	4.6	1.15	83.7	30.5	7.8	81.2	8.4	1	11-2,21-1
PX 1140H138-04 W3FE	2119	37.2	28.4	4.7	8.5	29.3	78	5	32	4.2	1.10	82.9	31.2	7.3	81.1	8.6	3	21-1
PX 1140H152-04 W3FE	2080	35.0	27.4	5.3	10.1	28.8	78	4	28	4.5	1.15	82.5	30.0	7.3	81.3	8.5	2	21-1
PHY 332 W3FE	2039	33.8	26.7	5.9	10.5	30.9	71	4	36	4.5	1.10	82.2	29.4	7.8	81.2	8.5	2	21-1
PX 1120H277-04 W3FE	2033	34.5	26.4	5.5	10.2	29.6	63	7	32	4.3	1.15	83.0	30.1	6.7	83.1	7.8	2	21-1
PHY 137 W3E1	1984	31.8	24.3	5.2	9.2	31.6	75	4	36	4.0	1.15	83.0	30.7	8.8	80.5	8.7	2	21-1
PHY 415 W3FE	1975	38.2	29.4	5.2	9.7	29.7	66	4	36	4.2	1.20	82.8	30.2	7.6	81.1	8.6	2	21-121-1
PX 1150H167-04 W3FE	1962	35.9	27.5	5.2	9.1	30.4	78	3	33	4.2	1.10	82.8	29.1	7.8	82.3	8.1	2	11-2,21-1
22-1-813VN	1892	38.3	29.4	5.5	9.3	32.4	61	6	33	4.1	1.20	83.7	30.4	7.3	82.0	8.3	2	11-2,21-1
BX 2643AXTP	1873	37.7	29.0	5.6	8.7	35.6	73	2	36	4.4	1.10	83.3	28.1	8.2	81.6	8.4	2	11-2,21-1
PHY 433 W3FE	1859	37.1	29.3	5.4	10.1	29.7	63	5	36	4.2	1.20	83.9	30.5	7.6	80.6	8.7	2	21-1
PX 1126F263-04 W3FE	1849	35.5	27.4	5.4	10.1	29.4	71	6	34	4.1	1.10	83.1	29.5	7.6	81.4	8.4	1	21-1
PX 1120H280-04 W3FE	1840	35.1	26.7	5.1	9.7	28.9	74	7	32	4.5	1.10	82.7	30.6	7.4	81.4	8.0	2	21-1
PHY 357 W3FE	1812	33.7	26.8	5.4	9.6	30.7	69	4	36	4.3	1.20	83.3	30.7	7.5	81.4	8.3	2	21-121-1
PHY 205 W3FE	1810	37.2	29.3	5.5	9.8	30.5	75	8	31	4.3	1.10	83.4	30.2	6.8	82.0	7.8	2	21-1
PX 1150H164-04 W3FE	1792	35.7	27.4	5.3	9.5	30.4	70	3	37	4.4	1.10	83.3	29.1	7.9	82.0	8.0	3	21-1
PX 1120H276-04 W3FE	1773	37.0	29.0	5.7	10.3	30.3	68	7	32	4.5	1.15	82.6	29.9	6.6	82.2	7.9	2	21-1
ST 5260AXTP	1708	38.4	30.4	5.9	8.9	34.8	46	5	39	4.6	1.10	82.6	29.2	7.3	81.9	8.3	2	11-2,21-1
BX 2616AXTP	1687	38.0	28.8	4.6	7.6	32.3	60	4	37	4.0	1.15	82.5	30.3	8.0	80.8	9.1	2	11-1,11-2
PHY 136 W3E1	1681	34.6	26.3	5.1	9.2	30.8	71	7	35	4.1	1.10	81.9	30.0	7.8	81.7	8.2	2	21-1
ST 4650AXTP	1660	38.5	30.0	5.3	8.9	31.3	68	4	39	4.7	1.10	82.5	27.7	8.4	81.7	8.7	2	11-1,21-1
BX 2665AXTP	1636	36.4	28.6	5.4	9.1	31.8	59	4	34	4.2	1.20	83.2	30.0	8.5	82.4	8.2	3	11-1,21-1
PHY 411 W3FE	1625	34.1	26.7	5.0	8.6	30.6	63	4	35	4.4	1.10	82.5	29.9	7.7	82.3	8.4	2	11-1,21-1
BX 2666AXTP	1617	36.6	28.5	5.3	8.5	32.0	63	3	36	4.2	1.10	82.2	28.3	6.9	81.0	8.5	2	11-2,21-1
PX 1140F330-04 W3FE	1532	32.4	25.4	5.3	9.6	30.4	66	3	36	4.1	1.20	83.0	29.7	7.6	81.6	8.1	3	21-1
BX 2662AXTP	1505	35.1	27.0	5.3	9.1	32.6	64	3	38	4.3	1.10	82.5	30.1	7.4	81.1	8.1	2	21-1
ST 4130AXTP	1377	34.9	26.9	5.0	9.0	31.3	78	3	36	4.4	1.20	82.9	30.3	7.0	81.6	8.4	2	11-2,21-1
Mean	1850	35.9	27.9	5.3	9.4	31.0	68	4	35	4.3	1.14	82.9	29.9	7.5	81.6	8.3	2	
c.v.%	13.7	2.5	2.8	5.2	3.9	4.7	9.9	15.0	10.2	4.0	3.0	0.7	1.9	2.3	0.5	3.2	24	
LSD 0.05	298	1.5	1.3	0.5	0.6	2.4	8	1	4	0.3	0.06	1.0	1.0	0.3	0.8	0.5	1	

Table Table 10. Yield, agronomic, and fiber property data from the irrigated reniform cotton performance trial at Texas A&M AgriLife Research, Lubbock 2025.

Designation	Yield	Agronomic Properties					% Open		Fiber Properties									
		% Lint		Boll Seed		SPB	10/22	Bolls	SR	Hgt	Mic	Length	Unif-ormity	Str-ength	Elong-ation	Rd	+b	Leaf
PX 1140F330-04 W3FE	1102	36.3	27.8	5.4	9.8	30.4	69	5	24	4.7	1.17	83.3	32.0	7.2	81.8	8.3	2	11-2,21-1
PHY 475 W3FE	1050	35.3	27.1	5.3	10.0	28.8	70	5	24	4.8	1.17	83.5	31.1	7.4	81.6	8.6	2	11-2,21-1
PHY 357 W3FE	1010	36.4	28.4	5.3	10.1	28.3	73	6	25	4.8	1.15	83.4	31.9	7.3	79.6	8.7	2	11-2,31-1
PX 1126F263-04 W3FE	963	35.4	27.3	6.7	10.4	36.1	81	7	21	4.3	1.16	83.7	32.0	7.3	82.1	8.6	2	11-2
PHY 332 W3FE	937	34.8	26.2	5.6	9.7	35.5	75	7	23	4.5	1.14	82.0	33.0	7.2	79.3	9.4	2	11-1,21-4
PHY 433 W3FE	928	35.6	26.9	5.7	10.4	26.4	51	7	25	4.5	1.15	83.0	33.1	7.2	79.8	8.6	2	21-1,21-2
PX 1140H150-04 W3FE	918	34.4	26.7	5.4	10.4	28.6	79	7	24	4.9	1.15	83.4	30.4	7.6	81.4	8.6	2	11-1,21-1
PX 1140H138-04 W3FE	911	37.5	28.8	5.6	8.8	28.0	86	6	21	4.7	1.13	82.9	30.6	7.2	81.7	8.9	2	11-1
PX 1140H152-04 W3FE	893	34.4	26.3	5.4	10.3	28.4	76	6	24	4.9	1.15	83.5	30.0	7.1	81.5	8.8	2	11-1,21-1
FM 868AXTP	892	35.7	28.0	6.7	11.2	37.2	70	6	23	4.3	1.15	83.4	31.9	7.4	81.2	8.8	2	11-2
PHY 205 W3FE	890	34.2	25.5	5.2	10.3	27.8	76	8	19	4.7	1.16	83.7	32.7	7.2	80.9	8.1	2	21-1,21-2
PX 1150H164-04 W3FE	888	33.4	25.1	5.6	9.4	30.5	55	4	25	4.7	1.16	82.7	31.0	7.0	81.0	9.0	2	11-2
PX 1120H277-04 W3FE	879	33.3	25.5	5.1	9.7	28.6	71	8	20	4.4	1.16	82.5	31.6	6.9	81.0	8.1	2	11-1,31-1
ST 5931AXTP	874	33.7	26.3	6.5	10.9	31.9	70	5	25	4.2	1.18	83.5	33.9	6.9	82.0	8.4	2	11-2,21-1
PX 1140H143-04 W3FE	865	32.9	25.3	5.4	10.2	28.2	73	6	23	4.8	1.16	83.5	33.5	7.2	80.5	8.8	2	21-1
PX 1120H276-04 W3FE	821	34.5	26.6	5.1	9.7	28.2	76	8	19	4.7	1.16	82.9	32.1	7.1	80.9	8.0	1	11-1,31-2
PHY 136 W3E1	817	36.5	27.6	5.0	9.1	29.1	53	8	24	4.3	1.16	82.8	31.4	7.6	80.6	9.0	1	11-1,21-1
PHY 411 W3FE	808	34.1	25.7	5.7	8.9	32.4	49	6	27	4.8	1.13	83.5	32.1	7.0	82.1	8.9	1	11-1
BSD 9X	802	32.1	24.4	5.7	10.7	30.4	73	5	25	4.7	1.16	83.4	31.8	6.9	81.4	8.3	2	21-1
PHY 415 W3FE	788	32.1	24.4	5.3	10.3	29.0	66	7	23	4.4	1.14	83.6	32.5	7.4	78.3	9.1	2	11-4,31-1
BX 2662AXTP	779	35.9	27.5	5.3	9.1	31.4	61	5	25	4.6	1.16	83.1	31.5	7.4	79.7	8.0	3	21-2,31-1
FM 765AX	775	36.0	27.8	5.3	9.0	31.0	80	6	21	4.5	1.14	82.3	30.8	7.4	80.9	8.6	2	11-2,21-2
ST 4650AXTP	766	38.8	29.7	5.6	8.8	33.0	66	4	24	4.7	1.13	81.7	30.2	7.6	80.5	9.5	2	11-2,11-3
ST 4130AXTP	760	36.6	27.5	5.4	9.8	30.3	81	4	26	4.8	1.17	83.5	30.9	6.7	80.8	8.7	2	11-2,21-1
24R6833B3TXF	757	29.8	23.2	4.8	9.5	28.6	48	6	28	4.2	1.17	83.6	33.0	7.2	80.7	7.7	2	11-1,41-1
PX 1120H288-04 W3FE	751	36.5	27.4	5.6	9.8	29.6	59	7	20	4.3	1.18	82.4	32.7	7.0	81.6	9.0	2	11-1
BSD 00002	728	31.5	24.2	5.5	10.7	30.2	84	6	21	4.6	1.14	83.2	32.2	6.7	81.7	8.3	2	11-1,11-2
ST 5260AXTP	703	36.8	28.4	5.9	9.0	36.0	65	5	24	4.8	1.14	82.9	31.9	7.3	80.0	9.6	2	11-1,11-4
PX 1120H280-04 W3FE	702	34.8	26.3	5.1	9.8	28.5	68	8	19	4.8	1.17	83.3	31.9	7.2	82.0	8.4	2	11-2,21-1
ST 6000AXTP	701	38.4	29.7	5.5	8.9	32.0	70	4	24	4.6	1.16	82.3	32.9	7.1	82.0	8.1	2	11-1,21-2
FM 823AXTP	689	36.4	27.8	5.1	9.5	29.3	61	6	21	4.3	1.14	82.9	32.4	7.2	81.0	8.9	2	11-2,21-1
PX 1150H167-04 W3FE	671	33.5	24.9	4.8	9.3	26.9	75	7	20	4.4	1.15	83.3	31.0	7.6	81.2	8.2	2	21-1
PHY 137 W3E1	651	31.5	23.7	4.9	9.6	28.8	70	6	23	4.4	1.18	84.0	33.9	7.5	80.2	9.6	2	11-1,11-4
BSD 00001	644	33.2	25.3	6.2	10.8	32.5	76	5	25	4.4	1.17	83.1	31.9	6.8	81.6	9.0	2	11-1,1-2
BX 2616AXTP	639	34.8	25.9	4.9	8.4	30.0	73	5	23	4.6	1.17	82.9	29.6	7.6	80.1	8.9	2	11-1,31-1
FM 814AXTP	628	36.6	27.6	5.1	9.5	28.9	74	7	20	4.5	1.15	83.4	32.7	7.0	81.3	8.6	1	11-2,21-1
FM 757AXTP	606	36.5	28.1	5.4	9.1	33.4	75	6	21	4.7	1.16	82.5	31.4	7.4	80.8	8.2	1	21-1,21-2
Mean	810	34.8	27.0	5.4	9.7	30.4	70	6	23	4.5	1.15	83.1	31.9	7.2	80.9	8.6	2	
c.v.%	17.1	1.9	2.2	5.2	4.0	8.6	17.6	11	11.0	3.6	1.9	0.7	3.4	4.9	1.5	6.1	34	
LSD 0.05	162	1.1	1.0	0.5	0.7	4.4	14	1	3	0.3	0.04	1.0	1.8	0.6	2.0	9.0	1	

\* moderate levels of reiniform nematode

Table 11. Yield, agronomic, and fiber property data from the Verticillium wilt cotton performance trial at Texas A&M AgriLife Research, Halfway 2025.

Designation	Yield	Agronomic Properties				% Open				Fiber Properties							Verticillium Wilt						
		% Lint		Boll	Seed	Bolls				Mic	Length	rmity	Stre-ngth	Elong-ation	Rd	+b	LF	Color		Wilt %	Def %	Def %	
		Picked	Pulled	Size	Index	SPB	9/30	SR	Hgt									Grade	15-Sep				29-Sep
PHY 137 W3E1	1399	38.9	30.3	4.9	8.3	30.7	70	5	24	4.2	1.14	82.8	32.0	6.9	80.5	8.4	2	11-2,31-1	4.9	17.5	b-f	62.6	abc
PHY 136 W3E1	1305	37.3	28.3	5.1	8.5	32.5	64	7	24	4.0	1.13	82.3	32.0	7.4	82.5	8.5	2	11-1,21-1	6.6	19.2	b-d	65.5	ab
PX 1140H152-04 W3FE	1252	37.9	29.6	5.0	9.6	27.8	51	7	23	4.4	1.16	83.5	31.3	7.0	81.4	8.2	2	21-1,21-2	8.3	10.2	b-h	44.6	c-i
FM 765AX	1223	39.5	29.5	5.0	8.7	29.6	81	5	21	4.6	1.14	82.7	30.7	7.3	82.0	8.2	2	11-1,21-1	5.7	17.1	b-f	27.7	ij
DP 1822 XF	1215	33.8	26.5	5.1	9.9	29.3	69	5	25	4.4	1.13	82.0	31.8	7.5	82.2	8.1	2	11-2,21-1	10.1	12.9	b-h	51.9	a-h
DP 2525 B3XF	1211	38.1	30.6	5.1	8.7	29.4	65	6	26	4.5	1.14	82.8	32.4	7.3	82.3	8.5	2	11-2	4.4	8.1	c-h	43.1	d-i
DP 2335 B3XF	1195	38.5	30.0	5.3	8.9	30.2	46	6	24	3.9	1.17	82.2	32.3	7.0	84.2	8.2	2	11-1	2.1	9.4	b-h	37.5	g-j
FM 823AXTP	1192	41.3	33.1	4.5	9.2	25.2	58	6	22	4.2	1.15	83.3	32.0	7.3	82.5	8.1	2	11-1,21-2	3.6	9.2	b-h	44.2	d-i
PX 1140H138-04 W3FE	1186	36.7	28.4	5.0	8.4	26.2	66	7	22	4.4	1.12	82.4	31.7	6.6	81.5	8.4	2	21-1	3.8	6.7	fgh	52.7	a-h
PHY 205 W3FE	1154	39.7	30.1	5.1	9.5	28.1	74	8	20	4.4	1.14	82.7	30.7	7.5	81.5	7.9	2	21-1,21-2	4.7	7.1	e-h	42.3	d-i
PHY 332 W3FE	1149	36.0	27.5	4.2	9.3	23.6	59	6	25	4.3	1.11	82.7	32.4	7.2	81.1	8.7	2	11-2,21-1	5.5	14.8	b-h	51.9	a-h
PHY 411 W3FE	1136	38.2	29.3	4.4	8.2	27.6	60	6	23	4.2	1.16	82.7	33.5	7.2	83.2	8.0	2	11-1,21-1	2.7	13.7	b-h	54.0	a-h
PX 1140H143-04 W3FE	1128	36.0	28.4	5.1	9.4	26.4	56	6	23	4.4	1.13	81.9	31.6	7.5	81.7	8.6	2	11-1,21-1	5.2	20.4	b	48.9	b-h
PX 1140H150-04 W3FE	1117	37.8	29.0	5.0	9.3	26.2	58	6	23	4.6	1.15	83.2	31.9	6.9	81.3	8.3	2	21-1	3.2	10.6	b-h	36.4	hij
DP 2541 B3XF	1115	37.7	29.2	4.8	8.4	29.6	43	4	28	4.5	1.14	82.5	30.4	7.0	82.2	8.2	2	11-1,21-2	4.7	3.5	h	44.5	c-i
PX 1120H276-04 W3FE	1101	37.3	28.9	4.9	9.6	26.6	61	7	20	4.2	1.16	83.3	32.5	6.9	81.6	7.7	2	21-1,31-1	5.4	10.0	b-h	39.4	e-j
PHY 415 W3FE	1080	36.6	28.0	4.6	9.3	26.4	55	6	25	4.2	1.15	82.8	32.8	6.9	79.7	8.5	3	21-1,31-1	4.2	12.7	b-h	40.2	e-j
PX 1120H280-04 W3FE	1079	38.6	28.4	4.9	9.4	27.2	66	7	22	4.6	1.13	82.2	31.5	7.0	82.9	8.2	2	11-1,11-2	6.0	12.7	b-h	37.0	g-j
PX 1140F330-04 W3FE	1073	39.2	29.5	5.2	8.9	31.1	63	5	24	4.1	1.14	82.0	31.4	7.3	82.2	8.4	2	11-2,21-1	2.8	16.1	b-g	41.6	d-j
PX 1120H277-04 W3FE	1031	34.4	26.6	5.4	9.3	32.5	64	7	22	4.1	1.13	82.4	31.1	6.7	83.0	8.0	2	11-1,21-1	3.1	15.0	b-h	49.8	b-h
PHY 357 W3FE	1030	36.0	28.0	5.1	9.0	27.4	55	6	24	4.4	1.14	82.7	31.1	7.1	79.4	7.8	2	21-1,31-2	3.6	9.4	b-h	50.7	b-h
TB-19CXP0014-12	1019	37.2	28.5	4.9	9.0	29.6	70	4	25	4.4	1.16	81.6	29.6	7.0	81.0	8.6	2	21-1	6.2	10.9	b-h	63.6	ab
PX 1120H288-04 W3FE	991	34.6	25.8	4.8	9.1	27.3	51	7	20	3.9	1.15	83.0	31.1	7.1	81.5	7.7	2	21-1,21-2	7.3	5.0	gh	23.6	j
ST 4650AXTP	987	43.9	33.9	5.3	8.5	31.7	63	5	25	4.4	1.15	82.2	31.2	7.4	81.3	8.8	2	11-1,21-1	7.5	18.5	b-f	63.6	abc
FM 814AXTP	966	38.4	29.9	5.0	8.9	30.1	68	6	21	4.4	1.14	82.9	30.7	6.9	81.3	7.9	2	11-2,31-1	5.3	9.2	b-h	41.2	d-j
PX 1126F263-04 W3FE	928	35.3	27.1	4.8	9.5	26.7	53	7	22	4.0	1.13	82.3	32.6	7.2	79.9	8.5	3	11-2,31-1	3.7	11.7	b-h	54.0	a-h
DP 2211B3XF	914	37.3	28.1	4.8	8.4	30.0	69	3	26	4.0	1.16	82.9	32.3	7.0	83.0	8.0	2	11-2,21-1	11.3	35.2	a	69.3	a
BX 2616AXTP	893	37.0	28.3	4.3	7.4	29.6	68	4	24	4.1	1.17	82.8	31.0	7.5	82.2	8.7	2	11-1	8.2	9.3	b-h	54.3	a-h
BX 2665AXTP	886	37.2	29.1	5.2	9.2	29.0	51	5	22	4.4	1.15	82.4	30.6	7.3	82.1	8.3	2	11-1,21-1	5.3	10.5	b-h	37.3	g-j
BX 2666AXTP	884	42.0	30.8	5.1	9.0	26.7	46	4	25	4.2	1.14	82.4	30.3	6.6	83.2	8.4	2	11-1	10.9	20.0	bc	47.4	b-h
TB-19CXP0022	877	37.0	28.7	4.5	9.5	24.8	65	5	25	4.7	1.13	83.0	30.5	6.9	81.2	9.0	2	11-1,11-2	3.4	20.0	bc	69.5	a
PHY 433 W3FE	865	33.6	25.8	4.6	9.4	25.8	56	5	22	4.1	1.14	82.7	31.4	7.4	81.9	8.6	2	11-1,11-2	2.3	15.0	b-h	42.3	d-i
22-1-605V	841	33.7	25.4	5.4	10.6	26.3	54	6	23	4.3	1.16	82.7	31.1	7.1	82.7	7.9	2	11-2,21-1	7.7	9.6	b-h	26.7	ij
ST 5260AXTP	838	38.1	29.3	5.5	9.1	31.0	34	5	25	4.5	1.15	83.5	31.1	7.2	82.1	8.9	2	11-1	5.0	12.8	b-h	39.1	f-j
22-1-612V	836	34.3	26.6	5.3	10.0	28.6	63	7	22	4.2	1.18	83.0	33.7	6.8	83.1	8.0	2	11-1,21-1	7.6	7.6	d-h	45.0	c-i
22-1-813VN	826	33.9	26.1	5.6	9.6	31.9	66	6	21	4.3	1.18	83.2	33.3	6.7	82.3	8.3	2	11-1,21-1	6.2	19.4	b-d	57.6	a-e
SSG UA 248	822	33.5	26.3	5.2	9.6	30.3	61	4	23	4.4	1.15	82.1	30.5	7.2	81.5	8.2	2	11-1,21-2	8.0	19.0	b-e	52.7	a-h
TB-19CXP00214	750	33.5	25.1	4.8	10.3	27.2	74	5	22	4.4	1.16	83.2	31.2	7.2	80.8	8.3	2	21-1	7.8	13.3	b-h	55.3	a-g
SSG UA 222	745	32.2	25.7	5.0	10.2	27.3	59	5	22	4.1	1.16	83.5	31.2	7.1	82.5	8.6	2	11-1,11-2	12.2	20.8	b	58.7	a-d
TB-19CXP00310	887	31.8	25.1	5.1	10.0	27.9	65	6	21	4.5	1.14	81.8	30.6	7.2	80.9	7.6	2	11-2,31-2	5.7	19.2	b-d	56.7	a-f
Mean	1028	36.8	28.4	4.9	9.2	28.4	60	6	23	4.3	1.14	82.6	31.5	7.1	81.8	8.2	2						
c.v.%	11.7	2.6	3.2	7.8	2.7	8.2	18.2	14	7.6	4.6	2.2	1.1	3.6	5.5	1.1	5.0	24		0.03	0		0	
LSD 0.05	141	1.6	1.5	0.7	0.4	3.9	13	1	2	0.3	0.04	1.5	1.9	0.7	1.5	0.7	1		8.1	12		18	

Table 12. Yield, agronomic, and fiber property data from the base irrigated root-knot nematode cotton variety performance trial at the AG-CARES farm, Lamesa 2025.

Designation	Agronomic Properties					% Open				Fiber Properties								Root-knot			
	Yield	% Lint		Boll Seed		SPB	Bolls			Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	LF	Color			
		Picked	Pulled	Size	Index		10/14	SR	Hgt									Grade	RK	LRL	ler
DP 2644NR XF	1528	39.2	29.3	5.3	9.0	29.1	50	6	26	4.7	1.15	83.5	32.9	7.0	80.6	8.4	2	21-1	1350	2.35	a-h
PHY 475 W3FE	1492	36.2	27.6	4.8	9.2	27.1	53	6	25	4.8	1.16	82.6	28.5	7.1	79.9	7.6	2	31-1	115	0.67	ijk
PHY 136 W3E1	1486	36.0	27.1	4.4	8.2	28.3	46	5	24	4.2	1.14	82.2	32.3	7.2	82.5	8.8	2	11-1	473	1.69	d-j
PX 1140H152-04 W3FE	1457	37.0	27.8	5.0	9.6	27.2	45	6	24	5.0	1.16	82.7	29.4	7.1	79.2	8.0	2	31-1	43	0.56	ijk
PX 1140H150-04 W3FE	1455	34.8	27.4	5.3	9.6	27.1	46	5	24	4.9	1.14	82.5	31.5	7.3	81.2	8.7	3	11-2	40	0.69	f-k
PX 1120H288-04 W3FE	1385	35.8	26.4	4.9	8.7	27.7	39	5	21	4.4	1.14	82.0	31.8	7.0	81.1	7.2	2	21-2,31-1	380	1.87	c-j
FM 765AX	1373	40.4	30.3	5.1	8.7	29.7	71	6	22	4.6	1.15	83.4	32.3	7.0	81.6	7.9	3	21-1	2900	2.30	a-h
PHY 433 W3FE	1367	34.7	26.3	4.9	9.8	25.7	50	6	26	4.6	1.15	82.9	31.1	7.6	80.2	8.7	3	11-2,21-2	300	1.73	c-j
PX 1150H164-04 W3FE	1365	38.2	28.3	5.0	9.0	28.6	51	5	26	4.6	1.13	82.0	30.8	7.1	81.8	8.0	3	21-1,21-2	150	1.19	f-k
PX 1140H143-04 W3FE	1364	36.9	27.9	5.1	9.2	28.4	51	5	24	4.9	1.13	83.5	33.0	6.9	80.5	9.2	2	11-1,11-2	115	1.62	d-j
PX 1150H167-04 W3FE	1350	36.0	26.1	4.8	9.0	26.2	56	5	20	4.6	1.17	83.1	29.7	7.1	82.4	8.4	2	11-1,11-2	655	1.53	e-k
PX 1126F263-04 W3FE	1343	38.0	28.8	5.4	9.5	28.4	46	7	23	4.6	1.11	82.4	32.7	7.0	81.6	8.8	2	11-2	5	0.33	jk
BX 2665AXTP	1342	38.3	29.6	5.2	9.0	29.8	33	5	24	4.7	1.14	82.2	30.6	7.9	81.5	7.7	2	11-1,31-1	265	1.88	c-j
PHY 415 W3FE	1332	35.1	26.3	4.6	9.5	24.4	60	6	24	4.8	1.16	83.2	30.9	7.5	78.9	8.5	3	21-1,31-2	175	1.26	e-k
PX 1120H280-04 W3FE	1313	39.2	29.2	5.1	9.9	26.0	65	8	22	5.1	1.06	82.4	31.6	7.0	81.8	8.2	3	21-1	305	1.38	e-k
PX 1120H277-04 W3FE	1311	36.4	27.5	4.8	10.0	25.3	49	5	23	4.9	1.12	81.6	29.9	6.6	81.5	7.7	2	11-1,31-2	380	2.54	a-g
PX 1120H276-04 W3FE	1304	38.5	29.0	4.7	9.7	24.9	51	5	21	4.7	1.13	81.6	29.7	7.1	82.3	8.2	2	21-1	150	0.69	ijk
PHY 357 W3FE	1293	36.5	27.4	4.5	9.5	24.6	53	6	24	4.7	1.15	83.5	32.5	6.9	80.9	8.1	3	11-1,31-1	175	0.71	ijk
PHY 332 W3FE	1279	36.3	26.4	5.0	9.4	28.7	59	6	23	4.6	1.16	83.3	30.1	7.7	81.0	8.8	2	11-2,21-1	33	0.67	ijk
PHY 411 W3FE	1254	35.9	27.1	4.4	8.4	25.8	53	6	21	4.6	1.16	82.8	29.3	7.5	80.2	7.6	2	11-2,41-1	50	1.00	g-k
PX 1140H138-04 W3FE	1221	35.4	27.1	4.6	8.4	27.3	53	4	23	4.9	1.17	83.1	31.3	7.2	79.3	7.9	3	31-1	0	0.00	k
24R6730B3TXF	1215	37.7	29.4	5.0	8.0	31.3	46	6	25	4.3	1.16	82.8	30.9	7.2	78.2	7.8	2	31-1,411	910	2.79	a-e
ST 5931AXTP	1213	35.4	26.9	6.1	10.3	32.6	41	5	25	4.3	1.16	83.8	30.6	7.4	82.7	8.2	3	11-1,11-2	993	2.61	a-f
PX 1140F330-04 W3FE	1199	35.1	26.7	4.7	9.1	26.8	61	7	24	4.7	1.15	83.5	30.4	7.4	81.3	8.5	2	11-1,21-1	30	0.52	ijk
DP 2335B3TXF	1195	36.9	29.0	4.9	8.3	30.4	41	4	24	4.1	1.15	81.6	30.3	6.5	84.0	8.3	2	11-1	4875	3.54	ab
DP 2436NR B3TXF	1193	36.0	26.8	4.8	8.5	29.2	51	7	25	4.3	1.16	81.4	31.6	8.1	81.5	8.9	3	11-1,11-2	1920	3.18	a-d
PHY 137 W3E1	1179	34.1	25.9	4.5	8.6	25.9	58	6	22	4.6	1.14	82.5	31.0	7.3	80.9	8.9	3	11-2	1988	2.37	a-h
BSD 4X	1178	34.4	26.7	5.9	11.2	28.9	65	5	22	4.6	1.12	81.6	29.7	6.4	82.2	7.9	2	11-2,21-1	1285	1.69	d-j
PHY 205 W3FE	1164	36.4	27.3	5.0	9.4	28.6	74	7	21	4.8	1.15	82.5	29.4	7.1	81.4	7.8	2	21-1,31-1	50	1.00	g-k
ST 5260AXTP	1160	37.5	28.7	5.7	10.2	31.0	28	6	25	4.7	1.12	82.4	29.9	7.1	81.4	8.6	3	11-2,21-1	390	0.80	h-k
BX 2616AXTP	1155	37.8	28.6	4.8	7.7	31.1	60	5	24	4.7	1.12	82.2	30.2	7.4	81.2	8.4	3	11-2,21-1	1795	1.56	e-k
ST 4650AXTP	1087	34.3	26.5	5.4	8.4	40.5	60	5	25	5.0	1.15	82.3	29.5	7.4	78.1	8.2	3	21-2,31-2	730	2.09	b-i
BX 2666AXTP	1087	34.7	26.6	4.7	8.4	27.6	55	6	24	4.3	1.11	81.4	28.3	6.6	82.5	8.1	2	1-2,21-1	390	1.98	b-i
ST 4130AXTP	1079	35.8	27.6	4.9	9.1	27.6	68	5	26	5.0	1.18	82.6	30.0	6.5	82.2	8.4	3	11-1,21-1	55	1.02	g-k
FM 814AXTP	1075	37.0	28.4	5.2	8.8	28.9	63	6	22	4.6	1.16	82.8	32.4	7.2	81.1	8.0	2	21-1,31-1	545	2.07	b-i
ST 6000AXTP	1033	36.8	28.1	5.4	8.4	31.2	50	5	25	4.6	1.14	82.5	30.9	7.0	81.6	7.7	3	21-1,31-1	295	1.78	d-j
BSD 00001	1015	33.5	25.7	5.3	10.0	29.4	56	6	23	4.7	1.11	81.8	32.2	6.5	82.7	8.3	2	11-1	10240	3.88	a
BX 2662AXTP	1014	34.9	26.8	5.3	8.8	32.1	55	5	28	4.6	1.11	81.3	31.7	7.0	82.0	8.3	3	11-2,21-1	225	1.85	c-j
BSD 00002	976	31.8	24.7	5.0	10.9	25.9	63	5	22	4.6	1.13	82.1	30.0	6.4	82.3	8.0	2	11-2,21-1	4485	3.31	abc
BX 2643AXTP	864	37.0	26.9	5.0	9.0	29.2	64	5	27	4.9	1.13	82.5	28.3	7.4	81.7	8.4	2	11-1,21-1	360	2.38	a-g
Mean	1242	36.3	27.5	5.0	9.1	28.4	5	6	24	4.6	1.14	82.5	30.7	7.1	81.2	8.2	2				
c.v.%	10.2	2.2	2.4	4.0	3.0	10.0	18.8	11.7	5.9	3.4	2.3	1.1	4.3	5.0	1.2	5.7	20				
LSD 0.05	149	1.3	1.1	0.3	0.5	4.8	12	1	2	0.3	0.04	1.5	2.2	0.6	1.7	0.8	1				

Table 13. Yield, agronomic and fiber property data from the irrigated late planted cotton performance test at Texas A&M AgriLife Research, Lubbock 2025.

Designation	Yield	Agronomic Properties					% Open			Fiber Properties								
		% Lint		Boll Size	Seed Index	SPB	Bolls 11/5	SR	Hgt	Mic	Length	Unif-ormity	Stre-ngth	Elong-ation	Rd	+b	Leaf	Color Grade
		Picked	Pulled															
PX 1140H143-04 W3FE	1407	37.6	30.0	5.9	11.4	28.5	66	5	27	4.8	1.16	83.4	30.8	7.6	78.6	8.2	2	21-2,31-2
PX 1140H138-04 W3FE	1228	35.1	26.9	5.1	9.8	27.4	70	6	26	4.7	1.16	83.7	32.4	7.1	80.0	9.1	3	11-2,21-1
PX 1140H150-04 W3FE	1196	32.7	25.5	5.9	11.4	31.4	68	5	28	4.9	1.17	83.8	31.9	7.1	79.9	9.6	2	11-3
PHY 475 W3FE	1177	35.5	27.7	5.7	10.5	30.4	29	6	37	4.8	1.16	83.2	33.4	7.4	80.6	8.8	3	21-1
FM 765AX	1162	35.9	27.9	5.9	9.6	32.8	76	5	25	4.5	1.21	84.6	31.2	6.9	81.5	8.9	2	11-1,11-2
PX 1140H152-04 W3FE	1123	32.6	25.2	6.1	10.9	31.0	53	5	28	4.8	1.18	83.6	32.0	7.2	80.7	9.3	2	11-2,11-3
PHY 357 W3FE	1116	34.0	27.0	5.6	11.0	28.5	45	5	31	4.6	1.19	83.9	32.9	7.1	80.8	9.1	2	11-2,21-1
PX 1126F263-04 W3FE	1080	33.3	25.5	6.1	10.8	31.8	46	6	28	4.5	1.16	83.6	32.8	7.3	79.7	9.6	2	11-2,11-4
PHY 136 W3E1	1060	33.6	25.7	5.2	10.2	28.0	46	6	28	4.5	1.16	83.4	32.2	7.5	80.2	9.8	2	11-3
PX 1150H167-04 W3FE	1051	35.8	27.5	5.4	10.1	29.5	60	6	27	4.7	1.16	84.0	30.9	7.5	82.2	8.9	2	11-1
BX 2616AXTP	1019	36.9	28.1	5.1	8.6	31.5	71	5	27	4.7	1.16	84.3	31.9	7.5	80.5	9.4	2	11-2,11-3
PHY 332 W3FE	1016	32.9	24.7	5.9	11.1	30.7	51	6	29	4.8	1.19	84.3	32.2	7.4	81.0	9.6	2	11-1,11-3
ST 6000AXTP	1012	40.2	31.0	6.2	9.5	33.2	63	4	29	4.5	1.17	84.5	31.8	7.3	82.7	8.7	2	11-1,11-2
PX 1140F330-04 W3FE	1005	32.9	25.3	5.4	10.7	28.3	68	5	30	4.3	1.19	82.9	31.0	7.2	81.4	9.1	3	11-1,11-2
BX 2666AXTP	997	37.7	29.3	5.7	9.7	32.8	53	4	31	4.5	1.18	83.2	28.9	6.7	82.7	8.7	2	11-1
PX 1120H276-04 W3FE	991	34.2	26.2	5.8	11.4	27.6	73	6	24	4.7	1.18	83.9	31.5	6.9	81.4	8.2	2	11-2,31-1
PX 1150H164-04 W3FE	981	34.5	26.4	5.9	10.5	27.5	49	4	29	4.9	1.14	83.3	31.4	7.3	81.3	8.9	2	11-1,21-1
ST 5260AXTP	977	35.9	27.7	6.4	10.7	33.9	41	6	35	4.7	1.14	83.9	31.3	7.2	81.3	9.1	2	11-2
PX 1120H277-04 W3FE	976	35.0	26.9	5.8	10.6	30.5	69	7	24	4.8	1.15	82.8	31.6	6.9	82.3	8.5	2	11-1,21-1
FM 814AXTP	963	39.0	30.9	5.7	10.1	30.3	51	6	26	4.6	1.17	82.4	30.1	6.5	81.9	8.8	2	11-1,21-1
PX 1120H288-04 W3FE	950	33.3	25.6	5.5	10.8	29.2	66	7	24	4.4	1.21	83.7	32.6	7.0	81.0	8.9	3	11-2,21-1
ST 4650AXTP	944	36.7	29.3	6.1	9.3	32.6	63	4	30	4.8	1.12	83.0	30.1	7.7	80.7	9.3	2	11-1,11-2
PHY 411 W3FE	935	35.4	26.7	4.8	9.1	28.1	60	5	26	4.8	1.13	83.4	31.3	7.3	82.8	8.4	2	11-1,21-1
ST 5931AXTP	933	32.9	26.0	7.1	11.8	33.4	28	5	33	4.2	1.17	84.6	31.1	7.3	80.8	8.9	2	21-1
BX 2665AXTP	899	38.0	29.6	5.8	10.4	30.0	50	5	26	5.0	1.19	84.2	32.0	7.8	79.8	9.5	2	11-3,21-1
FM 868AXTP	890	34.6	26.6	6.9	11.5	33.1	61	5	25	4.5	1.18	83.9	32.9	7.2	80.8	9.0	2	11-1,11-2
PHY 415 W3FE	885	32.2	25.4	5.2	11.0	26.8	43	5	31	4.5	1.20	84.1	32.8	7.2	80.2	9.4	3	11-3,21-1
FM 823AXTP	881	33.2	26.0	5.3	9.9	29.9	59	5	25	4.5	1.18	83.7	32.2	7.0	82.3	8.4	2	11-1,21-1
PX 1120H280-04 W3FE	873	33.6	26.2	5.5	10.8	28.2	61	7	26	5.0	1.16	84.2	31.9	7.4	79.7	9.2	2	11-2,21-2
PHY 433 W3FE	866	30.9	23.4	6.4	11.4	28.8	45	6	29	4.4	1.22	84.2	32.5	7.5	79.7	9.7	2	11-2,11-4
PHY 205 W3FE	852	32.3	24.6	5.8	10.7	30.0	75	8	24	4.7	1.12	83.3	32.2	6.8	81.8	8.9	2	11-1,11-2
PHY 137 W3E1	803	31.6	24.2	5.7	10.4	30.8	69	5	25	4.6	1.18	83.6	32.0	7.7	80.2	9.6	2	11-1,11-3
FM 757AXTP	677	35.4	27.5	5.5	9.5	31.3	53	5	25	4.9	1.18	84.0	30.7	6.7	81.7	8.3	1	11-1,21-1
Mean	998	34.7	26.8	5.7	10.4	30.2	57	5	28	4.6	1.17	83.7	31.7	7.2	81.0	9.0	2	
c.v.%	11.6	2.1	3.1	5.2	2.8	8.3	27.8	13	9.9	3.4	1.7	0.8	3.4	5.2	0.8	4.7	23	
LSD 0.05	136	1.2	1.4	0.5	0.5	4.3	19	1	3	0.3	0.03	1.1	1.8	0.6	1.1	0.7	1	

Table 14. Results from the bacterial blight cotton variety screening trial at Texas A&M AgriLife Research, Lubbock 2025.

Designation	Average Blight (%)	waller	Rating
BX 2662AXTP	0	f	Resistant
BX 2666AXTP	0	f	Resistant
PHY 332W3FE	0	f	Resistant
PHY 357 W3FE	0	f	Resistant
PHY 433 W3FE	0	f	Resistant
PX 1120H276-04 W3FE	0	f	Resistant
PX 1120H277-04 W3FE	0	f	Resistant
PX 1120H288-04 W3FE	0	f	Resistant
PX 1126F263-04 W3FE	0	f	Resistant
PX 1140F330-04 W3FE	0	f	Resistant
PX 1140H138-04 W3FE	0	f	Resistant
PX 1140H143-04 W3FE	0	f	Resistant
PX 1140H150-04 W3FE	0	f	Resistant
PX 1140H152-04 W3FE	0	f	Resistant
PX 1150H164-04 W3FE	0	f	Resistant
PX 1150H167-04 W3FE	0	f	Resistant
ST 5260AXTP	0	f	Resistant
BX 2617AXTP	1.25	f	Resistant
ST 4650AXTP	1.25	f	Resistant
BX 2665AXTP	1.25	f	Resistant
PX 1120H280-04 W3FE	1.25	f	Resistant
19-4-517V	3.75	ef	Resistant
22-1-415V	3.75	ef	Resistant
BX 2616AXTP	7.5	ef	Resistant
SSG UA 222	12.5	ef	Resistant
BX 2643AXTP	35	d	Partially Resistant
SSG UA 248	51.25	c	Partially Resistant
BX 2618AXTP	67.5	b	Partially Resistant
ST 4130AXTP	92.5	a	Susceptible
DP 2143NR	100	a	Susceptible

Table 15. Variety Index for the cotton performance trials conducted by Texas A&M AgriLife Research, Lubbock 2025.

Designation Page:	Uniform OVT 8-11	Location Summary 12	National Standards 13	New Varieties 14	Reniform Nematode 15	Verticillium Wilt 16	Root-knot Nematode 17	Late Planted 18	Bacterial Blight 19
19-4-517V									*
22-1-415V									*
22-1-605V						*			
22-1-612V						*			
22-1-813VN				*		*			
24R4035XF	*	*							
24R4542XF	*	*							
24R6730B3TXF	*	*					*		
24R6833B3TXF	*	*			*				
ARK 1208	*	*							
ARMOR 9371 B3XF			*						
BSD 00001					*		*		
BSD 00002					*		*		
BSD 4X	*	*					*		
BSD 9X	*	*			*				
BX 2616AXTP	*	*		*	*	*	*	*	*
BX 2617AXTP									*
BX 2618AXTP									*
BX 2643AXTP				*			*		*
BX 2662AXTP				*	*		*		*
BX 2665AXTP	*	*		*		*	*	*	*
BX 2666AXTP	*	*		*		*	*	*	*
BX 2666AXTP				*					
DG 3519 B3XF			*						
DP 1822 XF	*	*				*			
DP 2012 B3XF			*						
DP 2127 B3XF			*						
DP 2143NR									*
DP 2211B3XF						*			
DP 2239 B3XF			*						
DP 2328 B3TXF	*	*							
DP 2335 B3XF	*	*				*	*		
DP 2436NR B3TXF							*		
DP 2525 B3XF	*	*				*			
DP 2541 B3XF	*	*				*			
DP 2644NR XF	*	*					*		
FM 2498GLT			*						
FM 757AXTP	*	*			*			*	
FM 765AX	*	*			*	*	*	*	
FM 814AXTP	*	*			*	*	*	*	
FM 823AXTP	*	*			*	*		*	
FM 868AXTP	*	*			*			*	
NG 4936B3XF			*						
PHY 136 W3E1	*	*		*	*	*	*	*	
PHY 137 W3E1	*	*		*	*	*	*	*	
PHY 205 W3FE	*	*		*	*	*	*	*	
PHY 332 W3FE	*	*		*	*	*	*	*	*
PHY 357 W3FE	*	*		*	*	*	*	*	*
PHY 411 W3FE	*	*		*	*	*	*	*	
PHY 433 W3FE	*	*		*	*	*	*	*	*
PHY 475 W3FE	*	*		*	*		*	*	

Designation Page:	Uniform OVT 8-11	Location Summary 12	National Standards 13	New Varieties 14	Reniform Nematode 15	Verticillium Wilt 16	Root-knot Nematode 17	Late Planted 18	Bacterial Blight 19
PX 1120H276-04 W3FE				*	*	*	*	*	*
PX 1120H277-04 W3FE				*	*	*	*	*	*
PX 1120H280-04 W3FE				*	*	*	*	*	*
PX 1120H288-04 W3FE				*	*	*	*	*	*
PX 1126F263-04 W3FE				*	*	*	*	*	*
PX 1140F330-04 W3FE				*	*	*	*	*	*
PX 1140H138-04 W3FE				*	*	*	*	*	*
PX 1140H143-04 W3FE				*	*	*	*	*	*
PX 1140H150-04 W3FE				*	*	*	*	*	*
PX 1140H150-04 W3FE					*				
PX 1140H152-04 W3FE				*	*	*	*	*	*
PX 1150H164-04 W3FE				*	*		*	*	*
PX 1150H167-04 W3FE				*	*		*	*	*
SSG UA 222	*	*				*			*
SSG UA 248	*	*				*			*
ST 4130AXTP				*	*		*		*
ST 4650AXTP	*	*		*	*	*	*	*	*
ST 5091B3XF			*						
ST 5260AXTP	*	*							
ST 5260AXTP				*	*	*	*	*	*
ST 5931AXTP	*	*			*		*	*	
ST 6000AXTP	*	*			*		*	*	
TB-19CXP0014-12	*	*				*			
TB-19CXP0015A	*	*							
TB-19CXP00214	*	*				*			
TB-19CXP0022	*	*				*			
TB-19CXP00310	*	*				*			
Ton Buster Magnum	*	*							