

2008 Cotton Variety Test and Official Preliminary Test locations, soil type, planting date, harvest date and irrigation data.

Location	Soil Type	Planting Date	Harvest Date	Irrigation
Weslaco	Hildago s.c.l. ¹	3/18/2008	8/6/2008	Irrigated
Corpus Christi	Victoria clay	3/21/2008	7/28/2008	Dryland
San Patricio Co.	Victoria clay	3/26/2008	8/10/2008	Irrigated
San Patricio Co.	Victoria clay	3/26/2008	8/9/2008	Dryland
College Station	Westwood s.l. ²	4/23/2008	9/16/2008	Irrigated
College Station	Westwood s.l. ²	4/16/2008	10/14/2008	Dryland
Thrall	Burleson clay	5/12/2008	10/28/2008	Dryland
Dallas (Commerce)	Houston c.l. ³	5/13/2008	replant 6/3/2008 11/5/2008	Dryland
Chillicothe	Abilene c.l. ³	5/13/2008	11/20/2008	Irrigated

1. s.c.l.=sandy clay loam

2. s.l.=silt loam

3. c.l.=clay loam

Varieties

Name Changes

Americot

AM 1550 B2RF
NG 4377 B2RF
AM 1532 B2F
NG 4370 B2RF
NG 3331 B2RF

Phytogen

PHY 375 WRF
PHY 72
PSC 485 WRF
PHY 315 RF
PHY 370 WR
PHY 440 W
PHY 425 RF

All-Tex

All-Tex Apex
All-Tex 65333
All-Tex 65016
ATX 7A21
ATX 7A24
ALLTEX Summitt B2F
ALLTEX Atlas RR

All Tex Epic RF

All Tex Orbit RF

DPL/Monsanto

DP 555 BG/RR

DP 141 B2F
DP 143 B2RF
DP 161 B2RF
DP 164 B2RF
DP 104 B2RF
DP 174 RF
MCS 0701 B2RF
07W902DF
DPL 121 RF

DP 0935 B2RF
DP 0924 B2RF

Fiber Max/Stoneville

BCSX 0721B2F
BCSX 4366B2F
BCSX0102LLB2
BCSX0187LLB2
BCSX0727B2F
BCSX0870B2F
BCSX0888LLB2
Fiber Max 9180 B2F
Fiber Max 958
FM 1735LLB2
FM 1740B2F
FM 1880B2F
FM 820F
FM 832LL
FM 835LLB2
FM 840B2F
FM 9058F
FM 9063B2F
FM 9150F
FM 9180B2F
FM 955LLB2
ST 4427B2RF
ST 4498B2RF
ST 5458B2RF
STV 4554B2RF
STV 5327 B2RF

Crop Land Genetics

CG 3020B2RF
CG 3520B2RF
CG 3220B2RF
CG 4020B2RF

CG 3035RF

Seed-Tec

CT 210

LSU Ag Center-Gerald Meyers

LA00405033

LA04307047

LA04307125

LA1110035 RS

TAMU-Wayne Smith and Steve Hague

TAM 03 C-195L

TAM 03 WY-37s

TAM 03 WY-41

TAM 03 WZ-37

TAM B139-17 ELS

Table 08 WCVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at Weslaco during 2008. (Irrigated)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
DP 555 BG/RR	1395	42.4	4.4	1.15	29.6	83	7.5
DP 161 B2RF	1296	38.1	4.4	1.20	31.4	84	8.5
FM 955LLB2	1291	36.4	4.8	1.25	32.0	84	7.5
FM 1740B2F	1278	39.9	4.8	1.19	31.1	85	8.6
LA00405033	1258	38.4	5.2	1.16	32.1	84	8.9
FM 1735LLB2	1254	39.0	4.5	1.14	33.0	83	7.3
LA04307125	1240	38.3	4.9	1.18	32.5	84	8.5
ATX 7A21	1240	41.2	4.4	1.22	32.1	84	8.4
ST 5458B2RF	1220	39.7	4.9	1.20	31.9	83	8.6
FM 840B2F	1216	38.1	4.8	1.26	33.8	85	8.3
DP 0935 B2RF	1215	41.6	4.3	1.13	29.6	83	9.5
LA1110035 RS	1208	38.3	4.5	1.21	33.4	85	8.5
LA04307047	1190	39.4	4.5	1.24	33.5	85	7.8
DP 174 RF	1188	42.0	4.6	1.18	29.4	83	8.7
PHY 440 W	1180	38.0	4.7	1.18	31.8	84	9.3
DP 141 B2F	1176	38.2	4.3	1.20	30.6	82	8.0
TAM 03 C-195L	1119	35.5	5.0	1.18	31.6	83	7.6
CT 210	1118	36.5	4.0	1.13	29.6	82	8.4
NG 3331 B2RF	1092	40.8	5.0	1.13	30.5	83	9.0
DP 143 B2RF	1054	38.2	4.0	1.24	30.5	83	8.0
FM 820F	1050	36.5	4.4	1.23	34.7	85	7.5
FM 832LL	1042	37.1	4.3	1.22	33.0	85	7.5
PHY 370 WR	1041	39.3	4.7	1.13	31.3	84	8.7
CG 3035RF	1028	41.5	4.5	1.16	30.8	85	9.5
PHY 375 WRF	1019	39.6	4.3	1.14	29.4	84	8.4
DP 164 B2RF	1007	36.2	4.5	1.20	30.7	83	8.1
DP 0924 B2RF	1006	38.5	4.9	1.11	29.8	83	9.3
TAM 03 WZ-37	1005	37.3	4.4	1.19	34.6	84	8.2
TAM 03 WY-37s	999	34.8	3.9	1.22	28.1	82	9.2
NG 4370 B2RF	989	37.8	4.5	1.15	30.7	84	8.9
STV 5327 B2RF	987	38.8	4.7	1.14	32.6	83	9.3
NG 4377 B2RF	973	39.9	4.9	1.12	29.9	84	9.2
PHY 425 RF	966	38.4	4.9	1.18	31.3	86	9.2
FM 9058F	965	38.2	4.5	1.17	31.3	82	7.0
PSC 485 WRF	944	36.4	4.7	1.15	31.6	84	9.8

PHY 72	937	37.3	4.4	1.22	35.1	84	8.1
TAM B139-17 ELS	927	33.8	4.3	1.44	36.0	85	7.4
PHY 315 RF	915	39.1	4.1	1.13	29.0	83	8.3
AM 1550 B2RF	912	38.2	4.3	1.11	28.2	83	8.7
ST 4427B2RF	907	36.2	4.6	1.14	30.2	84	8.6
CG 4020B2RF	901	36.5	4.3	1.18	29.2	84	8.9
CG 3220B2RF	888	37.5	4.7	1.14	29.3	83	9.1
AM 1532 B2F	863	35.8	4.3	1.17	29.6	84	8.8
CG 3020B2RF	836	34.4	4.0	1.12	28.6	84	9.4
CG 3520B2RF	836	35.4	4.5	1.15	29.8	84	10.0
STV 4554B2RF	832	38.8	4.7	1.15	31.7	84	10.0
All-Tex Apex	829	36.4	4.3	1.16	29.5	83	8.9
FM 1880B2F	824	37.9	4.1	1.19	31.7	83	8.3
ST 5327B2RF	804	38.1	4.7	1.15	31.9	84	9.4
TAM 03 WY-41	780	35.3	4.0	1.25	31.6	84	8.4
LSD (k=100)1	225	2.2	0.3	0.03	1.2	1.6	0.6
%CV	15 .1	2.9	3.4	1.60	2.1	0.9	3.9
Mean	1042	38.0	4.5	1.18	31.2	84	8.5

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Note: This location took a direct hit by Hurricane Dolly with approximately 9 inches of rain and high sustained winds with 50 % or more open bolls

Table 08 CC-CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at Corpus Christi during 2008. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
DP 141 B2F	661	40.9	4.8	1.07	30.0	82	8.6
DP 174 RF	647	44.8	4.9	1.04	28.2	82	9.3
FM 955LLB2	625	38.6	4.9	1.05	29.4	81	7.8
FM 9058F	614	41.6	4.8	1.10	29.7	82	7.0
TAM 03 WZ-37	605	37.6	4.4	1.11	34.4	84	8.3
ST 5458B2RF	603	40.8	5.1	1.03	29.7	81	8.3
AM 1550 B2RF	596	42.5	5.2	0.98	27.9	82	8.9
LA1110035 RS	596	40.6	4.9	1.04	31.1	83	8.9
CG 3035RF	595	43.6	4.9	1.01	30.1	83	10.0
DP 143 B2RF	594	40.6	4.6	1.06	28.3	82	8.0
TAM 03 WY-37s	568	38.7	4.3	1.06	28.5	83	9.1
CG 3020B2RF	565	40.5	4.9	1.01	28.2	84	9.3
LA00405033	564	38.4	4.9	1.06	31.0	82	8.8
All-Tex Apex	561	40.9	4.7	1.08	29.2	83	9.4
CG 3220B2RF	560	42.5	5.0	1.03	28.7	82	9.4
LA04307047	557	41.8	4.8	1.08	31.2	82	8.1
FM 1735LLB2	550	37.8	4.4	1.06	29.9	83	7.0
DP 161 B2RF	548	39.8	5.4	1.06	31.9	83	8.3
DP 0935 B2RF	547	43.1	4.8	0.98	28.9	82	8.9
LA04307125	533	40.8	4.9	1.06	30.9	83	8.6
DP 555 BG/RR	532	42.7	4.9	1.04	28.6	82	7.5
AM 1532 B2F	529	40.7	4.7	1.09	29.1	83	8.8
DP 0924 B2RF	527	41.9	5.0	0.99	28.8	82	9.0
PHY 440 W	527	37.6	4.6	1.06	31.7	84	10.0
FM 1740B2F	523	42.1	4.7	1.03	28.9	82	8.6
NG 3331 B2RF	523	41.2	5.2	0.99	29.8	83	9.2
PSC 485 WRF	516	40.1	4.7	1.00	30.4	82	10.0
STV 5327 B2RF	516	42.4	4.8	1.04	30.2	82	9.6
FM 832LL	513	38.5	4.6	1.12	32.1	84	7.7
NG 4377 B2RF	496	41.8	5.1	1.00	29.3	82	9.1
FM 1880B2F	491	39.7	4.5	1.05	29.9	82	8.3
STV 4554B2RF	482	40.4	5.1	1.03	32.0	83	10.0
NG 4370 B2RF	478	40.9	5.2	1.03	30.2	83	9.1

PHY 315 RF	478	42.4	4.9	1.00	28.4	81	8.6
PHY 375 WRF	478	41.9	4.8	1.04	28.6	82	8.8
DP 164 B2RF	477	42.0	4.8	1.04	29.5	82	8.5
CG 3520B2RF	467	38.2	4.5	1.04	28.0	82	9.3
ST 4498B2RF	462	40.7	4.7	1.01	30.7	83	9.7
FM 820F	461	38.1	4.2	1.13	32.6	84	7.9
FM 840B2F	460	39.1	4.9	1.12	32.9	84	8.3
PHY 370 WR	456	41.0	4.8	1.01	28.9	82	9.3
TAM 03 C-195L	439	38.4	4.5	1.05	29.5	83	7.7
CG 4020B2RF	430	40.5	4.6	1.07	28.4	82	8.8
TAM B139-17 ELS	430	36.1	4.6	1.27	36.5	84	7.4
PHY 425 RF	408	39.7	4.9	1.03	31.4	84	9.9
ST 4427B2RF	406	40.1	4.6	1.04	28.2	82	8.1
TAM 03 WY-41	394	38.0	4.5	1.14	31.6	83	8.5
PHY 72	374	38.5	4.7	1.08	36.1	83	9.3
CT 210	350	36.7	4.7	0.99	28.2	81	8.9
LSD (k=100) ¹	237	2.7	0.7	0.05	1.9	2.9	0.6
%CV	22.0	3.3	5.4	2.50	3.3	1.1	3.8
Mean	517	40.3	4.8	1.05	30.1	83	8.7

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Table 08 SP I CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at San Patricio County during 2008. (Irrigated)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
FM 1740B2F	1179	41.5	4.8	1.16	32.3	84	8.5
DP 143 B2RF	1146	39.2	4.4	1.20	30.1	82	8.0
DP 0924 B2RF	1137	40.0	5.2	1.13	31.5	84	9.6
NG 3331 B2RF	1127	40.1	5.0	1.16	33.0	86	9.2
AM 1532 B2RF	1123	39.3	4.5	1.20	30.7	84	8.8
DP 161 B2RF	1090	38.4	4.7	1.22	32.8	85	8.8
PHY 485 WRF	1089	38.2	4.7	1.18	31.9	85	9.6
ST 5458B2RF	1085	39.8	5.3	1.15	31.9	83	8.5
FM 820F	1077	36.8	4.4	1.26	36.3	86	7.7
DP 555 BG/RR	1074	41.3	4.4	1.15	30.1	83	7.7
LA1110035 RS	1074	37.3	4.5	1.22	34.2	85	8.9
PHY 375 WRF	1072	41.2	4.9	1.12	30.9	83	9.0
ST 4498B2RF	1063	38.5	4.9	1.16	33.9	85	9.8
NG 4377 B2RF	1053	39.7	4.8	1.12	30.9	84	9.3
TAM 03 WZ-37	1052	37.5	4.9	1.18	34.6	84	8.6
AM 1550 B2RF	1051	40.9	5.1	1.10	28.6	83	9.3
DP 141 B2RF	1030	37.9	4.1	1.22	34.2	83	8.4
PHY 315 RF	1013	40.4	4.7	1.15	30.6	84	8.5
CG 3035RF	1010	41.1	5.0	1.14	30.2	84	9.8
NG 4370 B2RF	998	39.7	4.7	1.13	31.5	84	8.9
FM 1880B2F	985	38.5	4.4	1.22	34.9	83	8.2
STV 4554B2RF	965	38.3	5.0	1.17	33.8	83	10.0
DP 164 B2RF	960	38.4	4.6	1.18	32.6	83	8.0
FM 840B2F	959	37.4	4.6	1.25	35.2	85	8.4
PHY 440 W	957	38.5	4.9	1.14	33.5	85	10.0
FM 1735LLB2	957	37.3	4.9	1.13	31.8	84	7.2
ST 5327B2RF	943	40.3	4.7	1.15	31.6	85	9.2
FM 9058F	937	39.0	4.5	1.21	32.4	83	7.4
CT 210	924	38.6	5.0	1.13	32.4	84	8.7
All-Tex 65333	918	41.3	4.8	1.15	33.3	85	10.0
DP 0935 B2rf	904	40.0	4.8	1.12	29.8	83	9.2
LA00405033	904	38.4	5.0	1.17	34.1	84	9.0
LA04307125	902	38.4	4.8	1.16	33.1	84	8.6
PHY 425 RF	901	37.4	4.8	1.18	34.1	85	9.8
LA04307047	893	38.0	4.8	1.19	34.5	85	8.4
ST 4554B2RF	892	38.9	4.9	1.15	33.3	84	10.0
TAM 03 WY-37s	874	37.6	4.3	1.24	31.1	84	9.0
TAM 03 C-195L	874	37.8	5.2	1.20	36.0	84	7.3

ATX 7A21	872	40.7	4.7	1.22	33.8	85	8.8
CG 3220B2RF	866	39.5	4.8	1.18	31.4	85	9.6
All-Tex Apex	862	38.2	4.5	1.19	30.3	84	9.0
PHY 370 WR	859	40.2	4.9	1.13	32.0	84	9.0
FM 832LL	820	36.5	4.4	1.26	34.9	85	7.4
FM 955LLB2	819	37.0	4.8	1.22	33.8	85	8.2
CG 4020B2RF	803	39.4	4.6	1.19	30.7	84	8.3
ST 4427B2RF	798	38.9	4.6	1.16	31.1	84	8.0
CG 3520B2RF	795	37.2	4.6	1.17	30.2	83	9.7
PHY 72	786	37.2	4.7	1.23	38.2	84	8.1
CG 3020B2RF	756	37.3	4.4	1.14	29.5	85	9.7
TAM 03 WY-41	753	36.4	4.7	1.27	33.8	85	8.4
TAM B139-17 ELS	751	34.7	4.3	1.38	36.7	85	7.8
All-Tex 65016	702	35.0	4.8	1.21	31.9	84	9.7
BCSX 4366B2F	587	35.1	4.9	1.15	30.6	83	8.4
BCSX0870B2F	454	36.1	5.1	1.13	29.6	83	8.7
LSD (k=100) ¹	204	1.1	0.4	0.05	ns	ns	ns
%CV	14.7	1.5	4.2	2.10	2.6	0.8	3.8
Mean	931	38.6	4.7	1.18	32.5	84.1	8.8

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Table 08 SP D CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at San Patricio County during 2008. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
DP 141 B2RF	1008	39.8	4.9	1.18	31.7	84	8.4
FM 955LLB2	971	39.6	5.2	1.14	30.7	83	7.9
PHY 370 WR	906	40.9	5.1	1.06	30.4	84	10.0
DP 555 BG/RR	897	42.3	5.0	1.09	30.3	82	7.6
DP 164 B2RF	891	40.5	5.3	1.15	31.2	83	8.0
LA04307125	878	39.5	5.3	1.11	31.2	84	9.0
CT 210	861	39.7	5.3	1.07	31.9	83	9.2
CG 4020B2RF	861	39.7	5.0	1.15	28.9	84	9.2
ST 4554B2RF	845	39.1	5.4	1.08	31.2	83	10.0
DP 174 RF	835	43.3	5.2	1.12	30.0	84	9.3
FM 1735LLB2	835	38.4	5.0	1.11	30.9	84	6.9
DP 0924 B2RF	826	39.7	5.4	1.12	30.7	84	9.3
FM 820F	812	38.1	5.0	1.20	34.6	85	7.5
ST 4427B2RF	807	39.6	5.0	1.15	31.3	84	8.2
PHY 485 WRF	805	38.8	5.1	1.12	32.9	83	10.0
PHY 315 RF	804	41.8	5.1	1.10	30.5	83	8.6
CG 3035RF	804	42.4	5.2	1.10	30.6	84	10.0
FM 9058F	794	42.2	4.8	1.14	29.6	83	7.6
DP 161 B2RF	786	39.0	4.9	1.19	32.8	84	8.3
LA1110035 RS	782	39.0	5.0	1.17	34.3	84	9.4
ST 5327B2RF	781	41.6	5.0	1.11	31.7	84	9.7
NG 4377 B2RF	780	39.6	5.1	1.12	31.3	85	9.7
DP 143 B2RF	773	39.4	4.7	1.19	30.1	82	8.2
LA04307047	764	40.8	5.3	1.19	34.1	83	7.7
PHY 72	764	37.8	5.0	1.20	35.1	83	8.8
All-Tex 65333	759	41.3	5.4	1.12	31.3	83	9.1
PHY 425 RF	757	38.6	5.4	1.10	32.9	83	11.0
DP 0935 B2RF	754	41.6	5.0	1.12	28.9	83	9.0
NG 4370 B2RF	753	38.8	5.0	1.12	31.9	84	9.4
FM 1880B2F	751	39.3	4.9	1.15	31.8	82	8.0
AM 1550 B2RF	750	40.8	5.1	1.11	28.6	83	9.1
ATX 7A21	743	43.7	5.1	1.15	32.7	85	9.4
TAM 03 WZ-37	742	38.7	5.1	1.14	34.2	84	8.9
TAM 03 WY-37s	742	37.9	4.3	1.16	30.3	82	9.4
FM 1740B2F	740	42.2	5.2	1.10	31.1	83	8.9
PHY 440 W	737	38.8	5.1	1.11	31.8	83	9.9
AM 1532 B2RF	734	39.5	4.8	1.17	30.4	84	9.1
TAM 03 WY-41	731	38.1	5.0	1.21	31.4	84	8.4

All-Tex Apex	730	38.5	5.0	1.15	29.4	83	9.3
TAM 03 C-195L	727	37.9	5.5	1.13	31.7	84	7.9
NG 3331 B2RF	719	39.4	5.3	1.09	31.4	84	8.8
ST 5458B2RF	718	39.8	5.5	1.12	31.0	82	8.5
STV 4554B2RF	702	39.7	5.2	1.16	31.4	84	9.9
CG 3520B2RF	694	39.6	5.1	1.12	28.8	84	10.0
PHY 375 WRF	690	41.8	4.9	1.10	29.2	83	9.1
CG 3020B2RF	674	38.1	4.9	1.09	28.7	84	9.5
ST 4498B2RF	672	40.1	5.1	1.11	31.9	84	9.8
TAM B139-17 ELS	667	36.3	4.8	1.32	36.7	85	7.5
FM 840B2F	667	37.8	5.1	1.18	34.1	85	8.1
LA00405033	662	38.3	5.4	1.12	31.8	85	9.4
FM 832LL	650	37.3	4.7	1.17	34.4	84	7.7
All-Tex 65016	643	36.2	5.0	1.16	31.7	84	9.9
CG 3220B2RF	605	40.8	5.1	1.12	31.1	85	9.7
BCSX 4366B2F	586	37.1	5.0	1.10	29.6	82	8.7
LSD (k=100) ¹	289	1.7	0.3	0.05	2.6	2.7	0.7
%CV	15.6	2.1	2.8	2.10	3.8	1.1	4.3
Mean	761	39.6	5.1	1.13	31.4	83.5	8.9

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Table 08 CS CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at College Station during 2008. (Irrigated)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
TAM 03 WZ-37	1528	39.3	4.8	1.18	33.2	84	5.0
ATX 7A21	1524	44.0	5.0	1.16	29.5	85	5.4
DP 161 B2RF	1482	39.6	5.0	1.15	29.2	84	4.6
PVT	1475	41.9	4.5	1.16	28.9	83	4.5
PHY 440 W	1459	40.4	4.6	1.14	30.0	84	6.0
ATX 7A24	1458	41.0	4.3	1.17	28.7	83	5.2
BCSX0727B2F	1451	42.4	5.2	1.12	27.8	83	5.2
PVT	1451	42.4	4.5	1.14	27.9	83	4.8
FM 835LLB2	1450	39.8	4.9	1.20	32.7	83	3.5
PHY 425 RF	1435	41.5	5.1	1.12	30.1	85	6.4
DP 555 BG/RR	1416	44.3	5.0	1.08	26.6	81	4.0
DP 141 B2F	1404	40.4	4.7	1.15	29.6	82	4.8
BCSX 0721B2F	1391	44.4	5.1	1.12	28.5	83	7.0
ST 5458B2RF	1371	41.0	5.2	1.14	31.0	83	4.6
BCSX0102LLB2	1361	38.9	4.9	1.18	31.6	84	4.3
CG 3035RF	1353	43.7	4.7	1.10	27.8	84	6.2
DP 0924 B2RF	1338	40.0	4.8	1.11	28.3	83	5.1
BCSX0888LLB2	1337	41.0	5.5	1.11	29.7	83	4.2
ST 4427B2RF	1326	39.4	4.8	1.10	28.6	83	4.4
BCSX 4366B2F	1320	41.6	4.6	1.15	31.2	84	3.3
PHY 315 RF	1316	41.3	4.8	1.11	29.1	83	4.8
DP 143 B2RF	1311	40.5	4.6	1.21	28.7	82	4.6
BCSX0187LLB2	1310	40.6	4.9	1.06	27.8	83	3.7
CT 210	1301	39.3	5.2	1.09	30.7	83	4.6
FM 9058F	1273	40.5	4.5	1.21	31.4	84	3.6
ST 4498B2RF	1263	41.1	5.0	1.10	29.8	84	7.0
FM 1740B2F	1263	42.9	5.2	1.15	29.1	84	4.8
PVT	1262	42.4	4.9	1.18	28.8	84	5.0
PHY 370 WR	1261	42.1	4.9	1.09	29.4	82	5.0
TAM 03 C-195L	1230	40.2	5.2	1.18	31.5	84	4.1
TAM 03 WY-41	1225	39.4	4.6	1.24	30.7	85	5.4
PHY 375 WRF	1225	41.5	4.7	1.07	26.4	83	5.6
FM 840B2F	1223	39.4	4.8	1.19	31.5	85	4.5

FM 832LL	1214	39.1	4.7	1.21	31.1	84	3.9
DP 0935 B2RF	1204	43.0	4.7	1.08	27.4	82	4.9
FM 955LLB2	1203	38.6	4.9	1.19	28.9	83	3.9
CG 4020B2RF	1202	39.4	4.5	1.12	27.9	82	5.2
PSC 485 WRF	1188	39.9	4.9	1.10	30.3	84	5.9
DP 164 B2RF	1179	39.5	4.9	1.13	29.3	83	4.7
FM 1735LLB2	1178	38.9	4.6	1.10	30.0	83	3.4
AM 1532 B2F	1170	40.5	4.9	1.13	25.8	84	5.4
STV 4554B2RF	1165	40.1	5.1	1.11	28.7	83	6.4
TAM 03 WY-37s	1165	37.4	4.4	1.18	25.8	83	5.9
BCSX0870B2F	1162	41.4	4.4	1.16	30.4	83	4.1
All-Tex Apex	1148	36.0	4.5	1.15	28.8	83	5.5
CG 3520B2RF	1122	39.3	4.6	1.11	28.4	82	5.7
STV 5327 B2RF	1119	39.7	4.7	1.11	29.5	84	6.2
FM 1880B2F	1087	39.8	4.3	1.12	29.3	82	4.4
CG 3220B2RF	1049	40.3	5.0	1.13	28.7	84	5.7
CG 3020B2RF	1011	36.4	4.3	1.06	26.0	83	5.8
PHY 72	1007	39.2	4.8	1.13	34.2	84	5.3
TAM B139-17 ELS	878	35.9	4.6	1.38	34.0	85	4.3
LSD (k=100)1	194	2.1	0.4	0.05	2.2	2.1	0.4
%CV	10 .8	2.6	4.2	2.20	3.8	1.0	4.9
Mean	1274	40.4	4.8	1.14	29.5	83.3	4.9

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Note: Hurricane Ike may have affected this location with high winds and 6 inches of rainfall at the end of maturation.

Table 08 CS D CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at College Station during 2008. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
TAM 03 WY-41	311	35.9	3.8	1.14	28.3	80	4.5
ATX 7A21	302	38.4	4.0	1.05	26.6	80	4.5
DP 0294 B2RF	301	37.5	4.0	1.03	24.8	81	5.0
STV 5327 B2RF	278	37.4	3.6	1.06	26.2	81	5.0
DP 164 B2RF	278	35.6	3.9	1.02	23.9	79	4.4
DP 174 RF	269	41.9	3.9	1.06	24.8	80	4.3
STV 4554B2RF	268	37.3	4.0	1.02	28.0	82	5.6
BCSX0187LLB2	257	37.2	4.0	0.99	25.4	79	3.3
TAM 03 WY-37s	248	34.6	3.4	1.07	25.0	80	5.3
FM 1880B2F	247	36.3	3.4	1.08	26.3	80	3.9
PHY 425 RF	246	38.3	4.3	1.06	27.4	82	5.6
TAM 03 WZ-37	238	34.7	3.8	1.08	30.5	81	4.3
PHY 375 WRF	237	37.7	3.9	0.96	22.8	79	4.8
All-Tex Apex	235	37.1	3.8	1.04	23.2	79	4.5
ST 5458B2RF	234	37.0	4.2	1.04	25.2	80	4.4
PSC 485 WRF	228	37.2	4.0	1.02	27.1	82	5.6
BCSX0102LLB2	227	36.7	4.2	1.07	27.5	81	3.7
CG 3520B2RF	225	35.1	3.6	1.03	21.0	79	5.8
FM 1740B2F	224	39.1	3.9	1.03	25.6	80	4.7
FM 1735LLB2	223	33.2	3.5	1.06	26.8	81	3.2
AM 1532 B2F	222	35.1	3.8	1.06	23.1	80	4.7
CG 3020B2RF	222	34.1	3.4	1.01	22.5	81	5.6
FM 832LL	214	34.1	3.8	1.10	28.9	83	3.7
FM 9058F	213	36.9	3.9	1.06	26.2	79	3.4
BCSX 0721B2F	205	40.3	4.2	1.01	24.0	80	5.9
TAM 03 C-195L	204	35.9	4.1	1.05	25.1	80	3.1
BCSX0727B2F	204	36.5	4.0	1.01	24.2	79	4.9
DP 141 B2F	203	36.6	3.9	1.05	25.5	80	4.3
BCSX 4366B2F	197	37.5	3.6	1.06	25.4	81	3.2
DP 0935 B2RF	196	40.6	4.1	1.00	24.2	80	4.9
CG 3220B2RF	196	36.1	3.9	1.03	26.1	81	4.9
FM 955LLB2	195	34.0	4.0	1.07	25.2	81	3.4
DP 555 BG/RR	193	39.6	4.1	0.95	22.1	76	5.5
ST 4498B2RF	192	36.8	3.9	1.03	26.0	81	5.3
CG 3035RF	191	38.8	4.2	0.99	25.6	81	5.3
PVT	190	36.6	3.6	1.05	26.5	80	4.7
ST 4427B2RF	185	34.5	3.7	0.99	21.9	78	5.2
CT 210	185	36.3	4.4	0.98	25.0	79	4.3

DP 143 B2RF	178	35.7	3.8	1.08	23.4	79	4.3
CG 4020B2RF	177	36.0	3.7	1.02	21.6	79	4.8
TAM B139-17 ELS	177	34.4	3.9	1.26	32.5	81	3.9
BCSX0888LLB2	175	38.6	4.4	1.05	27.1	81	3.7
BCSX0870B2F	174	37.6	3.4	1.08	27.4	80	3.7
DP 161 B2RF	173	36.3	3.9	0.97	21.7	79	5.0
PHY 440 W	172	37.0	3.8	1.04	26.8	82	5.3
ATX 7A24	165	38.4	3.5	1.01	23.2	80	5.2
PHY 315 RF	164	38.4	4.0	0.96	23.8	78	5.4
FM 840B2F	162	34.0	3.7	1.10	26.8	80	4.2
PHY 370 WR	154	36.1	3.9	0.95	25.6	79	5.5
PHY 72	150	36.0	3.9	1.10	30.0	81	4.8
PVT	139	35.3	4.0	1.02	24.4	80	4.0
LSD (k=100) ¹	129	2.4	0.3	0.05	2.1	2.2	0.7
%CV	29.8	3.1	3.9	2.30	4.2	1.2	7.7
Mean	212	36.7	3.9	1.04	25.4	80.1	4.5

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Table 08 T CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at Thrall during 2008. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
PHY 375 WRF	588	43.1	4.6	1.02	25.4	81	8.2
ST 5458B2RF	573	42.3	4.5	1.03	26.7	80	8.2
TAM 03 WY-37s	550	36.7	3.8	1.14	27.7	81	9.1
CT 210	546	37.2	4.8	1.07	28.0	81	8.2
ST 5327B2RF	545	41.8	4.7	1.06	28.7	82	9.4
PHY 315 RF	544	41.6	4.8	1.04	25.1	81	8.3
TAM 03 WY-41	543	38.0	4.4	1.13	28.2	81	8.2
PHY 440 W	536	40.7	4.6	1.06	27.1	83	9.6
DP 0924 B2RF	535	40.1	5.2	1.04	27.5	82	9.0
PHY 425 RF	533	41.1	5.2	1.06	27.8	83	9.2
DP 161 B2RF	531	38.8	5.1	1.09	27.7	81	7.4
All-Tex Apex	522	41.3	4.6	1.06	25.3	80	8.4
PSC 485 WRF	512	40.5	4.8	1.02	28.5	82	9.6
CG 3035RF	501	41.6	5.0	1.08	28.9	82	9.8
All-Tex 65333	501	41.2	5.0	1.07	28.2	83	9.2
DP 174 RF	497	42.8	4.6	1.04	24.7	80	8.0
STV 5327 B2RF	495	42.3	5.0	1.05	28.2	82	8.8
BCSX 4366B2F	487	39.9	4.5	1.06	25.6	81	7.4
FM 955LLB2	485	37.9	4.6	1.09	25.5	81	7.6
PHY 370 WR	483	41.6	5.4	0.98	27.2	81	9.0
AM 1532 B2F	481	42.1	4.9	1.04	23.6	79	8.3
BCSX 0721B2F	479	42.2	4.7	1.06	27.1	81	8.9
DP 555 BG/RR	479	42.4	4.9	1.03	25.6	80	7.2
FM 1740B2F	478	40.9	4.4	1.04	26.8	81	8.3
CG 4020B2RF	477	39.8	4.6	1.05	24.9	81	8.7
DP 0935 B2RF	476	42.6	4.8	1.05	26.8	80	8.1
BCSX0102LLB2	467	37.4	5.1	1.11	29.4	82	7.0
CG 3220B2RF	467	40.1	4.9	1.07	27.4	82	9.2
FM 9180B2F	461	38.9	4.4	1.07	28.1	81	8.1
ST 4498B2RF	460	42.3	5.0	1.04	28.7	82	10.0
STV 4554B2RF	454	39.3	4.9	1.06	29.5	81	9.5
DP 143 B2RF	451	39.3	4.6	1.09	25.6	80	8.0
TAM 03 WZ-37	440	40.0	4.7	1.07	29.7	82	9.0
PHY 72	437	37.2	4.7	1.14	35.1	84	8.9
FM 9063B2F	437	38.3	4.3	1.10	28.0	80	7.3
ST 4427B2RF	436	41.3	4.9	1.05	25.0	83	7.6
BCSX0187LLB2	436	40.9	4.8	1.02	24.5	81	7.0
All-Tex 65016	428	36.0	4.6	1.12	30.0	83	9.2

CG 3520B2RF	423	39.0	4.6	1.06	25.1	81	8.7
BCSX0870B2F	417	41.3	4.4	1.08	27.5	81	7.7
FM 1735LLB2	414	38.8	4.6	1.05	27.1	82	7.0
FM 832LL	413	38.2	4.6	1.08	27.8	81	7.6
TAM 03 C-195L	409	38.7	4.9	1.07	25.5	81	7.6
BCSX0727B2F	398	43.3	5.1	1.01	23.9	80	8.8
BCSX0888LLB2	389	40.5	5.3	1.05	27.3	81	7.4
DP 164 B2RF	388	39.3	5.2	1.09	26.9	81	7.8
FM 1880B2F	378	39.9	4.5	1.06	25.3	80	8.2
FM 840B2F	377	37.9	4.3	1.09	28.0	81	8.4
FM 9058F	363	38.7	4.3	1.10	25.9	80	7.2
DP 141 B2F	322	38.0	4.7	1.07	24.8	79	8.6
CG 3020B2RF	296	39.1	4.6	1.06	24.8	82	8.5
TAM B139-17 ELS	287	35.4	4.0	1.24	32.7	82	7.4
LSD (k=100) ¹	247	1.8	0.4	0.05	2.0	2.2	0.7
%CV	23.8	2.3	3.7	2.20	3.8	1.0	4.6
Mean	463	40.0	4.7	1.07	27.2	81.3	8.3

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Table 08 D CVT-YF. Agronomic performance and fiber quality of cotton cultivars evaluated at Dallas (Commerce) during 2008. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elongation (%)
DP 174 RF	1497	44.8	4.4	1.13	27.3	80	9.2
DP 0935 B2RF	1485	43.3	4.1	1.11	28.2	82	9.3
STV 5327 B2RF	1371	41.4	4.4	1.14	28.7	82	10.0
FM 9058F	1366	42.8	4.5	1.17	29.4	83	7.7
TAM 03 WY-41	1342	40.6	4.7	1.16	28.9	82	9.6
DP 161 B2RF	1340	40.8	4.4	1.18	30.0	82	8.7
TAM 03 WZ-37	1337	39.8	4.4	1.16	31.2	82	9.6
DP 0924 B2RF	1266	42.8	4.8	1.13	29.6	82	9.3
CG 4020B2RF	1263	42.8	4.5	1.18	26.8	82	9.3
CG 3035RF	1259	42.1	4.5	1.14	29.0	83	11.0
All-Tex Apex	1243	41.9	4.7	1.16	27.8	82	9.1
AM 1532 B2F	1243	41.2	4.5	1.16	26.5	81	9.3
PHY 375 WRF	1237	43.9	4.4	1.10	27.0	82	9.3
PHY 315 RF	1236	42.7	4.4	1.12	26.8	81	8.8
TAM 03 C-195L	1199	39.3	4.6	1.19	30.2	83	8.3
CG 3220B2RF	1163	39.8	4.5	1.12	27.9	81	9.7
PSC 485 WRF	1160	40.1	4.8	1.12	28.3	82	11.0
DP 555 BG/RR	1156	42.1	4.4	1.08	26.7	80	8.1
DP 141 B2F	1151	40.0	4.0	1.17	28.8	81	8.5
CG 3520B2RF	1132	38.5	4.5	1.16	26.5	82	9.9
DP 143 B2RF	1115	41.1	4.1	1.18	28.7	81	8.5
TAM 03 WY-37s	1106	37.5	3.7	1.18	28.2	81	9.7
STV 4554B2RF	1084	39.1	4.6	1.12	29.0	82	11.0
DP 164 B2RF	1083	36.7	4.2	1.19	29.1	81	8.2
CG 3020B2RF	991	38.3	4.2	1.10	25.7	82	10.0
PHY 72	920	38.6	4.2	1.20	33.1	83	9.2
TAM B139-17 ELS	831	37.7	4.5	1.34	31.8	82	7.8
LSD (k=100) ¹	188	3.2	0.5	0.05	2.0	ns	0.6
%CV	11	3.6	4.7	2.00	3.4	1.1	3.4
Mean	1206	40.7	4.4	1.15	28.5	81.7	9.2

1. Values within columns are different at approximately $p=0.05$ ($k=100$) if they differ by more than the LSD at the base of the column.

Chillicothe data is not yet available.