

Table CCCVT-YLD. Agronomic performance and fiber quality of cotton cultivars evaluated at Corpus Christi during 2004. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
DP 491	1076	42.2	4.9	1.12	31.9	82	5.2
ST 5599BR	1076	41.1	5.2	1.08	28.0	81	5.4
FM 960BR	1066	39.7	5.1	1.07	32.5	83	4.2
FM 960RR	1066	41.6	4.6	1.11	31.2	82	4.2
DP 434 RR	1065	43.2	4.8	1.13	30.5	83	6.6
98 WW-3	1057	38.0	4.9	1.11	30.0	82	7.4
ST 4691BR	1053	43.0	5.3	1.06	29.0	82	5.4
DP 393	1049	41.5	5.0	1.12	32.4	83	7.2
SG 215 BG/RR	1044	39.9	5.2	1.02	28.7	83	7.7
DP 555 BG/RR	1037	44.9	4.9	1.07	28.7	81	4.7
DP 488 BG/RR	1027	40.9	4.8	1.15	33.5	83	5.4
MAR 37-A-1-00H	1017	39.9	5.0	1.07	29.7	83	6.9
FM 800BR	1015	40.7	4.7	1.18	32.9	84	5.3
DPLX 01W93BR	1011	42.0	4.8	1.11	32.9	83	7.5
DPLX 02X39BR	1011	43.0	4.9	1.07	29.5	82	5.1
ST 5242BR	1006	40.5	4.8	1.06	29.0	83	6.4
DP 444 BG/RR	998	41.6	4.7	1.08	29.7	83	6.1
FM 832LL	993	38.3	5.0	1.16	32.0	84	4.6
STX 3636B2R	993	44.0	5.4	1.07	27.8	82	4.7
FM 958LL	987	40.9	5.1	1.11	32.5	84	4.4
96 WD-22	982	41.3	4.5	1.09	27.0	82	6.3
DP 494 RR	982	42.3	5.1	1.12	33.0	84	6.1
NuCOTN 33 B	980	39.3	5.1	1.08	29.0	81	6.3
FM 800RR	953	40.6	4.8	1.12	33.7	84	5.6
ST 4646B2R	947	39.9	5.1	1.08	29.8	82	6.1
BCG 30R	947	38.4	5.0	1.12	31.1	83	5.4
FM 832	942	38.9	5.0	1.18	33.2	85	4.7
FM 960B2R	941	40.0	5.1	1.14	32.4	84	4.2
DP 424 BGII/RR	940	38.2	4.9	1.11	30.5	84	6.7
DPLX 02T57R	931	40.0	5.3	1.07	30.1	83	6.9
STX 4575BR	926	40.9	4.9	1.10	32.1	84	7.9
ST 5303R	924	39.5	5.2	1.06	33.0	83	5.3
BCG 295	922	38.3	5.1	1.08	29.7	82	5.1
98 D-99ne	920	38.0	4.9	1.10	33.5	83	6.2
DP 449 BG/RR	906	40.8	5.4	1.07	31.5	83	5.2

Table CCCVT-YLD. Continued.....

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
STX 6636BR	904	38.0	5.0	1.15	32.5	83	5.0
STX 6848R	899	38.4	5.0	1.13	34.7	85	5.1
STX 4686R	889	40.6	5.1	1.09	29.5	82	5.9
PSC 355	885	41.2	5.4	1.08	30.3	83	7.7
BCG 50R	880	36.6	4.9	1.07	30.0	82	6.2
FM 800B2R	880	39.4	4.7	1.20	33.3	84	5.1
DP 436 RR	878	37.1	5.4	1.11	29.5	84	7.1
BCG 245	876	35.6	4.6	1.12	32.1	82	4.8
DP 432 RR	874	41.6	5.3	1.13	32.4	84	6.4
HA 195	834	36.1	4.2	1.32	38.0	86	5.3
PM 1218 BG/RR	832	39.8	5.5	1.02	27.7	82	6.9
PHY 410 R	823	39.7	5.4	1.08	30.3	84	6.5
HA 1408	811	35.2	4.1	1.33	37.9	85	5.5
ST 4892BR	801	40.6	5.4	1.06	30.0	82	6.2
ST 2448 R	782	36.5	4.9	1.08	31.2	83	6.2
DES 810	773	37.3	5.0	1.06	31.4	83	6.1
ALL-TEX ATLAS	770	36.4	5.1	1.05	31.7	82	6.8
DES 816	758	38.5	4.9	1.11	32.8	84	6.2
STX 5454B2R	753	38.4	5.0	1.09	31.7	83	6.3
DP 458 B/RR	724	39.4	5.0	1.08	30.6	82	5.6
ST 1553R	699	35.4	4.9	1.10	31.2	83	7.1
Acala 1517-99	677	38.4	4.4	1.20	34.6	83	5.6
LSD (k=100) ¹	161	2.2	0.4	0.04	1.8	2.0	0.8
%CV	11.9	2.8	4.0	2.10	3.1	1.1	7.0
Mean	926	39.7	4.9	1.10	31.3	83	5.9

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.