Table UCVT-YLD. Agronomic performance and fiber quality of Cotton Varieties evaluated at Uvalde during 2004. (Irrigated)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong-ation (%)
DPLX 01W93BR	1067	41.6	4.2	1.18	30.3	84	7.2
SG 215 BG/RR	992	38.2	4.3	1.11	27.1	83	7.3
ST 5242BR	971	38.9	4.3	1.10	27.1	84	6.7
STX 3636B2R	921	39.0	4.1	1.13	26.8	83	4.9
STX 4686R	902	39.8	4.0	1.16	27.8	82	5.7
ST 5599BR	894	39.8	4.2	1.14	29.6	82	5.2
FM 989B2R	891	35.5	3.9	1.18	30.3	83	5.1
STX 4575BR	873	38.8	4.2	1.12	29.4	83	7.6
FM 960B2R	866	37.8	4.3	1.18	30.3	83	4.6
DP 555 BG/RR	852	43.1	4.2	1.14	29.1	83	4.7
DPLX 02X39BR	838	39.8	3.8	1.17	29.1	81	5.0
FM 989BR	837	36.1	3.7	1.14	30.5	83	5.2
FM 800BR	832	39.9	3.9	1.20	32.7	84	5.5
STX 5454B2R	827	36.6	4.3	1.16	31.6	83	7.0
DP 444 BG/RR	826	39.6	3.8	1.17	28.7	84	6.0
DP 424 BGII/RR	822	37.1	4.3	1.14	28.9	85	6.9
DPLX 02T57R	792	38.8	4.4	1.10	27.8	83	6.8
FM 991B2R	785	36.1	3.8	1.21	31.6	84	5.3
FM 960RR	751	38.9	3.9	1.18	30.3	83	4.7
ST 4646B2R	749	38.2	4.1	1.15	29.4	83	5.8
FM 960BR	748	37.0	4.3	1.11	33.0	84	4.5
DP 393	735	39.4	4.1	1.16	29.7	84	7.2
FM 832LL	714	39.9	4.1	1.22	31.2	84	5.2
ST 4892BR	706	38.9	4.1	1.14	28.8	85	6.1
DP 458 B/RR	687	36.2	4.1	1.12	29.1	83	5.9
DP 449 BG/RR	680	37.2	4.2	1.16	30.4	85	5.5
DP 488 BG/RR	671	40.1	4.1	1.18	30.7	83	5.8
STX 6636BR	664	35.8	4.2	1.16	30.6	83	4.9
FM 991BR	661	37.7	4.3	1.18	33.0	85	5.6
BCG 24R	650	38.7	4.4	1.13	29.8	84	6.7
BCG 28R	646	39.4	4.7	1.15	27.8	84	5.2
ALL-TEX TOP-PICK	641	36.4	4.4	1.19	32.1	85	6.8
FM 800B2R	624	38.0	4.0	1.20	30.9	85	5.3
FM 958LL	610	38.9	4.2	1.17	30.8	84	4.8
ALL-TEX 85096 RR	597	36.4	4.0	1.19	28.4	83	6.4

Table UCVT-YLD. Continued.....

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro-naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong-ation (%)
FM 966LL	595	38.0	4.1	1.14	32.2	84	4.5
DP 434 RR	588	39.1	4.0	1.17	28.2	84	6.6
DP 436 RR	572	35.1	4.5	1.17	29.3	84	7.2
BCG 50R	564	35.6	4.3	1.14	28.9	83	6.1
PHY 410 R	559	38.5	4.4	1.11	30.0	84	7.5
BCG 30R	554	34.8	4.0	1.16	26.8	82	6.0
FM 800RR	554	39.7	4.2	1.20	31.0	84	5.1
TAM 96 WD-22	548	39.8	4.2	1.15	28.6	83	6.2
DP 432 RR	540	39.9	4.4	1.15	30.1	83	7.5
ST 5303R	526	36.9	4.4	1.13	30.8	85	5.8
DP 491	519	40.7	4.3	1.22	32.5	85	5.7
TAM 98 D-99ne	511	36.6	4.6	1.18	36.1	85	6.0
DP 494 RR	507	39.4	4.5	1.18	32.8	85	6.1
DES 810	500	34.6	4.0	1.17	30.9	84	6.6
BCG 245	459	36.5	4.0	1.20	31.5	84	4.7
HA 195	459	38.0	3.8	1.33	37.6	85	5.9
ALL-TEX AT099	403	35.7	4.3	1.11	27.5	82	6.4
FM 991RR	398	37.1	4.2	1.15	31.1	84	5.5
DES 816	398	38.0	4.5	1.12	30.1	84	6.4
STX 6848R	325	36.0	4.7	1.16	32.4	84	5.4
LSD (k=100)[1]	213	2.2	0.4	0.04	2.5	2.5	0.8
%CV	19.2	2.8	4.2	1.90	4.1	1.2	6.9
Mean	679	38.0	4.2	1.16	30.3	84	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.