

Table UCCVT-YLD. Agronomic performance and fiber quality of cotton cultivars evaluated in the Texas Upper Coast Area (Wharton County) during 2004. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
Syngenta DX25105N	1240	40.5	4.7	1.14	29.6	82	5.6
ST 5599BR	1190	38.6	4.3	1.09	29.2	82	4.6
DP 555 BG/RR	1187	42.1	4.4	1.09	29.0	82	4.3
FM 832LL	1145	37.9	3.9	1.18	32.2	83	4.4
FM 960B2R	1145	37.3	4.1	1.17	32.1	84	4.0
FM 800BR	1140	37.6	3.7	1.20	31.4	84	5.0
DPLX 02X39BR	1134	40.3	4.1	1.10	30.1	83	4.6
DP 488 BG/RR	1134	39.2	4.2	1.15	31.3	84	5.3
DPLX 01W93BR	1114	39.2	4.2	1.13	31.7	84	7.0
FM 960BR	1111	36.5	4.2	1.12	31.6	83	3.9
PHY 410 R	1105	38.1	4.6	1.11	32.2	84	6.9
DP 444 BG/RR	1089	40.3	4.2	1.14	29.6	83	5.5
DP 432 RR	1085	37.9	4.0	1.13	31.5	84	6.4
FM 960RR	1076	38.4	3.9	1.14	31.4	84	4.0
ST 4646B2R	1074	38.0	3.8	1.12	30.7	83	5.4
DP 393	1068	39.6	4.3	1.15	32.8	84	7.0
DP 434 RR	1047	40.5	3.9	1.14	31.2	83	5.9
ST 5242BR	1040	38.7	4.8	1.10	28.2	84	5.8
STX 6636BR	1040	38.2	4.6	1.11	31.7	84	4.3
FM 800RR	1035	39.4	4.3	1.17	33.9	84	5.2
FM 800B2R	1028	39.0	3.8	1.17	33.1	84	4.8
STX 4686R	1018	38.6	4.1	1.11	30.6	83	5.2
DPLX 02T57R	1013	35.9	4.6	1.08	31.2	84	6.6
Syngenta DX241203	1004	37.1	4.1	1.20	33.7	84	5.7
ST 4892BR	989	39.3	4.4	1.09	29.8	83	5.4
DP 491	975	40.2	4.7	1.20	31.6	83	5.2
DP 494 RR	973	39.3	4.5	1.16	32.0	84	5.4
DP 449 BG/RR	966	37.6	4.2	1.09	31.3	83	4.8
DP 424 BGII/RR	960	35.5	4.3	1.10	30.1	83	6.4
SG 215 BG/RR	952	37.4	4.3	1.03	27.5	81	7.3
STX 3636B2R	951	37.6	3.9	1.10	29.6	83	4.6
96 WD-22	950	38.6	4.1	1.17	29.4	82	5.7
DP 436 RR	938	35.2	4.5	1.14	30.6	83	6.9
98 D-99ne	935	35.5	4.5	1.15	34.7	85	5.6
FM 989BR	935	36.8	4.2	1.13	32.0	82	4.5

Table UCCVT-YLD. Continued.....

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
FM 989B2R	928	37.1	4.1	1.12	32.2	82	4.8
DES 810	919	36.8	4.3	1.13	31.9	84	6.4
DP 458 B/RR	918	36.0	4.3	1.09	31.4	82	5.0
ST 5303R	910	37.3	4.3	1.09	32.7	83	4.9
STX 6848R	902	35.7	4.5	1.12	33.4	83	4.7
STX 5454B2R	900	36.7	4.4	1.09	31.4	82	5.9
FM 958LL	897	38.1	4.5	1.13	31.8	84	4.5
BCG 245	850	36.2	4.1	1.18	33.3	84	4.7
DES 816	827	40.0	4.4	1.08	32.5	83	5.8
STX 4575BR	823	34.7	4.1	1.10	31.7	84	7.2
BCG 50R	796	34.3	4.4	1.10	30.2	83	5.2
RED	787	34.9	3.6	1.15	30.9	82	5.5
BCG 30R	762	34.2	4.0	1.14	31.6	82	5.6
LSD (k=100) ¹	186	3.0	0.5	0.04	1.5	1.9	0.6
%CV	12.2	3.6	5.1	1.80	2.4	0.9	6.4
Mean	1000	37.8	4.2	1.13	31.3	83	5.4

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.