

Table CSCVT-YLD. Agronomic performance and fiber quality of Cotton Varieties evaluated at College Station during 2004. (Irrigated)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
ST 5599BR	1632	40.7	4.3	1.13	30.0	83	4.8
DP 393	1554	39.3	4.6	1.18	34.8	86	7.3
DP 444 BG/RR	1542	40.5	4.1	1.13	27.8	84	6.1
FM 960B2R	1531	39.2	4.6	1.15	32.8	84	4.6
FM 966LL	1495	38.7	4.4	1.14	34.1	85	4.0
ST 4691B	1490	39.9	4.7	1.11	28.7	82	5.5
DPLX 01W93BR	1481	40.0	4.4	1.17	32.7	84	7.6
DPLX 02X39BR	1470	42.1	4.1	1.16	33.4	84	5.2
DP 491	1432	40.6	4.4	1.20	32.8	83	5.0
ST 4892BR	1419	41.6	5.2	1.09	31.5	83	5.7
ST 5242BR	1412	40.8	4.5	1.13	28.8	83	5.6
DP 434 RR	1400	40.5	4.3	1.19	31.7	85	6.4
FM 960BR	1386	39.4	4.5	1.12	32.7	83	4.3
STX 4575BR	1383	39.4	4.4	1.13	31.0	84	7.9
FM 832LL	1381	37.4	3.8	1.16	35.9	83	4.7
PM 1218 BG/RR	1378	40.0	4.6	1.08	28.8	83	6.0
DP 458 B/RR	1377	37.7	4.3	1.11	32.9	83	5.5
SG 215 BG/RR	1354	39.4	4.9	1.08	28.0	83	7.4
DP 424 BGII/RR	1354	36.5	4.4	1.14	27.4	83	6.8
ST 4646B2R	1349	38.7	4.4	1.10	29.4	83	5.9
NuCOTN 33 B	1347	37.2	4.1	1.16	30.8	82	5.7
DP 494 RR	1330	41.4	4.6	1.17	31.3	83	5.5
96 WD-22	1329	39.9	3.9	1.16	27.6	83	6.0
BCG 24R	1320	39.9	4.4	1.13	29.1	84	6.4
STX 6848R	1312	37.3	4.6	1.14	32.0	85	4.7
DP 488 BG/RR	1309	41.0	4.5	1.18	30.2	84	5.1
DP 432 RR	1303	39.2	4.6	1.10	33.0	84	7.1
98 WW-3	1300	36.3	4.2	1.19	28.7	84	6.9
FM 800B2R	1288	39.9	4.1	1.22	33.8	85	5.6
FM 960RR	1284	41.1	3.9	1.16	32.5	83	4.3
DPLX 03Q301DR	1283	39.2	4.6	1.13	31.4	83	4.3
DP 555 BG/RR	1261	42.9	4.2	1.12	28.3	81	4.5
DPLX 02T57R	1257	38.6	4.6	1.13	33.0	84	6.3
DES 816	1246	38.4	5.0	1.11	30.5	83	6.1
DES 810	1236	36.4	4.6	1.08	31.2	83	5.8

Table CSCVT-YLD. Continued.....

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
FM 832	1228	38.4	4.2	1.20	36.0	86	5.9
BCG 30R	1225	35.7	4.0	1.16	29.6	83	5.4
FM 958LL	1224	39.3	4.6	1.16	34.9	84	4.7
STX 6636BR	1204	37.3	4.4	1.14	30.4	84	4.8
STX 4686R	1193	40.0	4.7	1.13	28.4	82	5.5
BCG 28R	1189	40.0	4.9	1.11	27.5	83	5.4
PSC 355	1186	38.4	4.9	1.14	31.2	84	7.1
HA 195	1186	37.9	3.8	1.35	37.3	85	5.4
98 D-99ne	1184	36.6	4.6	1.15	36.0	83	6.0
STX 3636B2R	1150	39.6	4.5	1.08	29.0	82	5.4
DP 449 BG/RR	1127	37.6	4.2	1.13	32.2	84	4.7
DP 436 RR	1113	35.7	4.6	1.16	28.6	84	6.6
FM 800RR	1106	39.5	4.5	1.17	34.4	85	5.8
BCG 50R	1105	35.3	4.4	1.12	33.3	83	5.9
PHY 410 R	1103	38.4	4.6	1.13	29.8	84	6.6
FM 800BR	1099	38.8	3.9	1.23	34.2	85	6.3
HA 1408	1099	34.9	3.7	1.39	38.3	88	7.1
ALL-TEX 85096 RR	1098	36.8	4.5	1.17	29.8	83	5.9
STX 5454B2R	1080	35.7	4.6	1.11	32.3	82	6.1
HA 27808	1075	36.2	3.9	1.39	40.7	86	6.1
Acala 1517-99	1071	36.8	4.1	1.24	37.6	84	6.1
ALL-TEX AT099	1065	35.8	4.5	1.09	32.3	81	5.8
ALL-TEX AT005	1041	35.4	4.2	1.08	30.8	82	4.6
ALL-TEX ATLAS	1037	35.6	4.8	1.09	29.8	83	5.8
ALL-TEX EXCESS RR	1017	36.7	4.7	1.13	31.5	83	6.3
FM 819RR	961	42.3	4.8	1.17	31.8	85	5.6
HA 3408	928	34.4	3.5	1.34	39.7	86	6.3
LSD (k=100) ¹	197	1.3	0.5	0.04	3.4	2.2	0.8
%CV	11.3	1.9	5.2	2.00	5.4	1.2	7.5
Mean	1264	38.6	4.4	1.15	31.8	84	5.8

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.