

Table SPCVT-YLD. Agronomic performance and fiber quality of cotton cultivars evaluated in San Patricio County during 2004. (Dryland)

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
DPLX 02X39BR	1358	39.8	3.9	1.14	31.1	82	4.7
DP 444 BG/RR	1224	38.2	3.7	1.14	29.6	83	5.4
DPLX 01W93BR	1219	38.5	4.0	1.14	33.1	83	7.7
FM 989BR	1206	35.8	3.9	1.15	32.4	83	5.1
FM 960BR	1169	37.0	3.9	1.11	31.6	82	4.2
ST 5599BR	1166	36.2	3.8	1.16	30.8	83	5.5
FM 832LL	1165	36.8	4.2	1.21	32.2	84	5.2
ST 5242BR	1164	37.3	4.2	1.11	30.0	84	6.0
FM 958LL	1161	36.7	3.8	1.14	31.9	83	4.7
ST 4646B2R	1156	36.6	3.9	1.15	29.4	82	5.9
STX 4686R	1128	38.0	3.9	1.15	29.5	82	5.7
Syngenta DX241203	1096	34.9	3.7	1.21	31.8	84	5.1
FM 989B2R	1092	34.6	3.6	1.17	32.7	83	4.7
STX 6636BR	1085	35.8	4.1	1.15	31.9	84	4.8
DP 449 BG/RR	1083	36.7	4.1	1.11	30.7	82	5.1
Tamcot 22	1075	37.8	3.6	1.14	29.1	81	6.4
DPLX 02T57R	1066	36.3	4.5	1.10	29.9	83	7.0
PHY 410 R	1063	36.3	4.0	1.12	31.4	84	6.9
FM 960RR	1058	36.4	3.5	1.14	31.3	83	4.2
DP 393	1057	37.8	4.1	1.15	31.6	84	6.8
FM 960B2R	1053	35.3	3.6	1.19	31.4	82	4.1
DP 424 BGII/RR	1016	34.9	4.0	1.12	29.7	83	6.7
FM 800BR	1012	35.4	3.7	1.20	33.5	84	5.3
STX 4575BR	1009	37.0	4.2	1.15	31.3	83	8.0
DP 436 RR	1005	34.1	4.2	1.14	29.7	83	6.4
FM 800B2R	1005	37.3	3.8	1.19	32.7	83	5.0
STX 3636B2R	990	36.2	3.8	1.09	27.5	82	5.3
STX 5454B2R	971	35.1	4.2	1.12	32.0	83	6.5
STX 6848R	961	35.7	4.3	1.16	32.7	84	5.6
FM 800RR	959	37.4	4.1	1.18	33.9	85	5.7
DP 491	959	38.4	3.8	1.16	31.1	82	5.1
DP 488 BG/RR	950	36.5	3.8	1.16	30.8	82	5.4
98 D-99 ne	948	34.1	4.1	1.15	34.4	84	5.6
DP 432 RR	947	38.8	4.1	1.14	32.7	84	7.0
DP 494 RR	937	37.3	4.2	1.16	32.6	83	5.7

Table SPCVT-YLD. Continued.....

Cultivar	Lint Yield (lb/ac)	Gin Turnout (%)	Micro- naire (units)	Length (in)	Strength (g/tex)	UI (ratio)	Elong- ation (%)
DP 555 BG/RR	935	39.9	4.4	1.10	28.5	81	4.2
DP 434 RR	930	40.3	4.0	1.17	29.4	82	6.4
DES 810	919	34.1	4.4	1.11	32.5	84	6.7
ST 5303R	904	36.6	4.2	1.12	32.8	84	5.1
HA 195	900	32.1	3.5	1.30	37.9	86	6.2
DES 816	900	35.8	4.1	1.14	31.4	84	5.8
ST 2448 R	882	35.2	4.1	1.13	31.4	84	5.9
DPLX 03Q301DR	847	36.7	4.3	1.11	28.9	81	4.4
ST 1553R	791	32.1	3.6	1.18	31.7	83	5.8
LSD (k=100) ¹	197	2.9	0.4	0.04	2.8	1.8	0.6
%CV	12.1	3.6	4.2	1.80	4.1	0.9	5.9
Mean	1035	36.5	4.0	1.15	31.4	83	5.7

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.