

TABLE 13. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -
 EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.
 (2006 DATA)

COMPANY OR BRAND NAME	CULTIVAR OR STRAIN	UHM LENGTH (IN)	M/UHM UNIF. RATIO (PCT)	FIBER STRENGTH (G/TEX)	MIKE (READING)
D&PL	DP 143 B2RF	1.20	83.0	29.5	4.7
D&PL	DP 147 RF	1.19	83.3	30.2	4.5
BCG	BW-4630B2F	1.15	83.0	29.2	4.2
D&PL	DP 117 B2RF	1.15	83.2	32.5	4.7
PhytoGen	PHY 480 WR	1.15	83.6	33.2	4.9
CROPLAN GENETICS	CG 4020B2RF	1.14	83.4	29.2	4.3
Stoneville	ST 4357B2RF	1.14	83.0	28.7	4.6
PhytoGen	PHY 425 RF	1.14	83.7	33.3	5.1
D&PL	DPLX06W650F	1.14	83.6	30.7	4.6
D&PL	DP 110 RF	1.14	83.7	35.9	4.8
Stoneville	ST 4700B2RF	1.14	83.2	29.5	4.6
D&PL	DP 445 BG/RR	1.13	83.0	32.3	4.9
Dyna-Gro	2242 B2RF	1.13	82.9	28.6	4.3
D&PL	DP 121 RF	1.13	83.1	31.2	4.9
CROPLAN GENETICS	CG 3520B2RF	1.13	82.9	28.6	4.5
D&PL	DP 434 RR	1.13	83.1	29.2	4.7
PhytoGen	PHY 485 WRF	1.13	83.1	33.4	4.9
Stoneville	ST 4427B2RF	1.12	82.7	30.0	4.7
D&PL	DP 455 BG/RR	1.12	81.7	29.4	4.6
PhytoGen	PHY 470 WR	1.12	83.3	31.0	4.9
BCG	BW-2038B2F	1.12	82.8	29.1	4.5
Stoneville	ST 4554B2RF	1.12	82.3	31.3	4.7
Stoneville	ST 5242BR	1.12	83.7	29.5	4.9
PhytoGen	PHY 310 R	1.11	83.5	30.8	4.9
BCG	BW-4021B2F	1.11	82.7	28.3	4.0
D&PL	DP 444 BG/RR	1.11	83.2	30.6	4.6
BCG	BW-3255B2F	1.11	82.3	28.8	4.4
Stoneville	ST 4575BR	1.11	82.4	31.0	4.9
CROPLAN GENETICS	CG 3020B2RF	1.10	82.7	28.7	4.3
D&PL	DP 432 RR	1.10	83.3	31.4	4.7
D&PL	DP 454 BG/RR	1.10	81.6	29.2	4.7
Dyna-Gro	2100 B2RF	1.09	82.6	28.8	4.2
Stoneville	ST 4664RF	1.09	83.0	32.4	4.7
PhytoGen	PHY 370 WR	1.09	82.7	30.7	5.1
Dyna-Gro	060642 B2RF	1.08	82.6	29.0	4.0
AVERAGES		1.12	83.0	30.4	4.6
L.S.D. (.05)		0.03	1.0	1.4	0.3
C.V. (%)		1.7	0.9	3.2	4.3

TABLE 14. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -
 LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.
 (2006 DATA)

COMPANY OR BRAND NAME	CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
D&PL	DP 143 B2RF	1.22	82.2	29.1	4.7
D&PL	DP 147 RF	1.17	83.2	28.9	4.7
D&PL	DP 488 BG/RR	1.17	83.3	30.1	4.9
D&PL	DP 167 RF	1.17	82.7	30.5	4.6
USDA-ARS	PD99035	1.17	82.8	33.0	4.6
D&PL	DP 164 B2RF	1.17	83.1	29.9	4.7
USDA-ARS	PD98066	1.17	82.9	32.2	4.5
D&PL	DP 494 RR	1.16	83.4	31.5	5.1
USDA-ARS	PD97019	1.16	83.8	32.7	4.7
Dyna-Gro	0A0265 BR	1.16	82.4	34.7	4.2
BCG	BW-8391B2F	1.15	83.1	28.4	4.2
Stoneville	ST 6565B2RF	1.15	83.0	29.7	4.8
D&PL	DP 449 BG/RR	1.14	83.5	32.6	4.9
Stoneville	ST 6611B2RF	1.14	83.7	30.4	4.8
D&PL	DP 445 BG/RR	1.13	83.5	32.0	4.9
D&PL	DP 455 BG/RR	1.13	82.1	30.1	4.6
Stoneville	ST 6622RF	1.12	82.9	30.8	4.9
D&PL	DP 515 BG/RR	1.12	83.2	29.3	5.3
Dyna-Gro	2520 B2RF	1.12	82.3	28.3	4.5
Stoneville	ST 5599BR	1.12	82.5	29.9	5.3
D&PL	DP 555 BG/RR	1.12	82.9	28.9	5.0
USDA-ARS	PD97047	1.12	83.1	33.2	4.9
D&PL	DP 454 BG/RR	1.11	83.2	29.2	4.7
AVERAGES		1.15	83.0	30.6	4.7
L.S.D. (.05)		0.03	NS	1.6	0.3
C.V. (%)		1.7	1.0	3.8	4.4

TABLE 15. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -
IRRIGATED EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.
(2006 DATA)

COMPANY OR BRAND NAME	CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
D&PL	DP 143 B2RF	1.21	83.3	29.6	4.3
D&PL	DP 147 RF	1.19	83.4	29.7	4.3
PhytoGen	PHY 425 RF	1.16	84.3	32.7	4.9
BCG	BW-4630B2F	1.16	83.7	29.2	4.2
D&PL	DP 434 RR	1.16	83.6	29.2	4.4
D&PL	DP 117 B2RF	1.16	84.0	33.0	4.7
CROPLAN GENETICS	CG 4020B2RF	1.16	83.1	29.2	4.2
CROPLAN GENETICS	CG 3520B2RF	1.15	83.7	28.8	4.2
Dyna-Gro	2242 B2RF	1.15	83.9	29.5	4.3
Stoneville	ST 4700B2RF	1.15	82.7	28.9	4.1
D&PL	DP 445 BG/RR	1.15	83.6	31.5	4.5
D&PL	DP 455 BG/RR	1.15	82.9	30.7	4.2
BCG	BW-2038B2F	1.14	83.4	28.0	4.2
D&PL	DP 110 RF	1.14	83.9	35.0	4.6
BCG	BW-4021B2F	1.14	82.8	28.2	3.8
D&PL	DPLX06W650F	1.14	83.7	29.8	4.5
Stoneville	ST 4357B2RF	1.13	83.1	28.1	4.3
PhytoGen	PHY 480 WR	1.13	83.6	31.7	4.9
Stoneville	ST 4554B2RF	1.13	83.3	31.9	4.4
D&PL	DP 444 BG/RR	1.13	83.6	30.3	4.2
D&PL	DP 432 RR	1.13	83.5	31.3	4.7
PhytoGen	PHY 485 WRF	1.13	83.3	31.6	5.0
Stoneville	STX0504B2RF	1.13	83.0	29.6	4.4
PhytoGen	PHY 470 WR	1.12	83.5	30.8	4.6
D&PL	DPLX06W660F	1.12	82.5	30.4	4.8
Stoneville	ST 4575BR	1.11	83.2	31.5	4.7
PhytoGen	PHY 370 WR	1.11	82.9	30.8	4.8
Dyna-Gro	060642 B2RF	1.11	82.3	28.6	3.9
Stoneville	ST 4664RF	1.11	82.6	31.7	4.5
Stoneville	ST 5242BR	1.10	83.0	28.3	4.8
CROPLAN GENETICS	CG 3020B2RF	1.10	82.7	28.9	4.0
D&PL	DP 454 BG/RR	1.10	83.2	28.5	4.4
PhytoGen	PHY 310 R	1.10	83.1	30.7	4.7
Dyna-Gro	2100 B2RF	1.10	82.4	27.2	4.0
BCG	BW-3255B2F	1.09	81.9	26.9	4.1
AVERAGES		1.13	83.2	30.0	4.4
L.S.D. (.05)		0.02	1.0	1.5	0.2
C.V. (%)		1.4	0.9	3.6	3.6

TABLE 16. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -
IRRIGATED LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.
(2006 DATA)

COMPANY OR BRAND NAME	CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
D&PL	DP 143 B2RF	1.19	82.6	30.1	4.3
D&PL	DP 147 RF	1.19	82.8	29.0	4.2
D&PL	DP 494 RR	1.19	83.4	33.0	4.5
D&PL	DP 488 BG/RR	1.18	83.2	31.6	4.5
BCG	BW-8391B2F	1.18	84.0	30.1	4.1
Dyna-Gro	0A0265 BR	1.17	83.9	34.5	3.7
D&PL	DP 164 B2RF	1.17	82.9	30.6	4.4
USDA-ARS	PD99035	1.17	83.8	32.4	4.2
D&PL	DP 167 RF	1.16	82.9	30.8	4.4
USDA-ARS	PD98066	1.15	83.6	31.6	4.3
D&PL	DP 515 BG/RR	1.15	83.8	30.8	4.7
Stoneville	ST 6622RF	1.15	82.9	30.5	4.2
D&PL	DP 455 BG/RR	1.15	82.2	30.5	4.2
USDA-ARS	PD97019	1.14	82.6	31.1	4.2
Stoneville	ST 6611B2RF	1.14	82.5	29.7	4.5
D&PL	DP 449 BG/RR	1.13	83.1	32.7	4.4
D&PL	DP 445 BG/RR	1.13	82.5	32.0	4.3
Dyna-Gro	2520 B2RF	1.12	82.8	28.7	4.2
Stoneville	ST 6565B2RF	1.12	81.9	28.5	4.5
D&PL	DP 555 BG/RR	1.12	82.1	29.8	4.6
USDA-ARS	PD97047	1.11	83.4	32.3	4.6
Stoneville	ST 5599BR	1.11	82.4	29.3	4.7
D&PL	DP 454 BG/RR	1.09	83.0	28.1	4.4
AVERAGES		1.15	83.0	30.7	4.3
L.S.D. (.05)		0.03	1.1	1.4	0.3
C.V. (%)		1.8	0.9	3.3	4.2