

TABLE 19. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (4-YEAR DATA 2000-2003)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
FIBERMAX	FM 958	1.14	83.5	31.6	4.3
FIBERMAX	FM 966	1.13	83.8	33.5	4.1
Delta and Pine Land Sure-Grow 105		1.11	83.7	29.4	4.3
Delta and Pine Land DP 436 RR		1.11	83.5	27.9	4.2
Delta and Pine Land DP 451 B/RR		1.10	82.7	27.8	4.3
Stoneville	ST 4892BR	1.07	82.6	29.0	4.6
Stoneville	ST 4793R	1.06	82.7	28.6	4.6
Delta and Pine Land Sure-Grow 521 R		1.04	82.0	27.4	4.4
Delta and Pine Land SG 215 BG/RR		1.03	82.2	26.6	4.4
AVERAGES		1.09	83.0	29.1	4.3
L.S.D. (.05)		0.02	0.7	0.8	0.2
C.V. (%)		2.6	1.0	2.8	4.5

TABLE 20. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (3-YEAR DATA 2001-2003)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
FIBERMAX	FM 958	1.13	83.3	31.6	4.4
FIBERMAX	FM 966	1.13	83.6	33.5	4.1
Delta and Pine Land	Sure-Grow 105	1.10	83.5	29.3	4.3
Delta and Pine Land	DP 436 RR	1.10	83.2	27.9	4.2
Delta and Pine Land	DP 451 B/RR	1.09	82.3	27.7	4.3
Delta and Pine Land	PM 1199 RR	1.08	83.1	29.2	4.3
Stoneville	ST 4892BR	1.06	82.2	29.0	4.5
Stoneville	ST 4793R	1.05	82.3	28.3	4.6
Delta and Pine Land	Sure-Grow 521 R	1.04	81.7	27.6	4.4
Delta and Pine Land	SG 215 BG/RR	1.02	81.8	26.5	4.3
AVERAGES		1.08	82.7	29.0	4.4
L.S.D. (.05)		0.03	0.9	0.9	NS
C.V. (%)		2.6	1.0	2.9	4.5

TABLE 21. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (2-YEAR DATA 2002-2003)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
BGC	BCG295	1.16	83.0	30.2	3.9
FIBERMAX	FM 966	1.15	83.7	33.5	4.0
FIBERMAX	FM 958	1.14	83.2	31.3	4.2
Delta and Pine Land	DP 436 RR	1.12	83.4	27.7	4.2
BGC	BCG28R	1.12	82.5	28.6	4.5
Delta and Pine Land	Sure-Grow 105	1.11	83.4	29.3	4.2
Delta and Pine Land	DP 451 B/RR	1.10	82.1	27.5	4.2
Delta and Pine Land	PM 1199 RR	1.09	83.0	29.0	4.1
Delta and Pine Land	DP 444 BG/RR	1.08	82.1	28.6	3.7
Stoneville	ST 4892BR	1.08	82.5	28.9	4.3
Stoneville	ST 4793R	1.06	82.1	28.2	4.5
Delta and Pine Land	Sure-Grow 521 R	1.04	81.8	27.5	4.3
Delta and Pine Land	SG 215 BG/RR	1.03	81.5	26.3	4.2
AVERAGES		1.10	82.6	29.0	4.2
L.S.D. (.05)		0.03	NS	1.6	NS
C.V. (%)		2.6	1.0	3.3	4.8

TABLE 22. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (2003 DATA)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
FIBERMAX	FM 966	1.19	84.6	35.8	3.8
BGC	BCG295	1.19	83.7	31.5	3.6
FIBERMAX	FM 958	1.18	84.0	32.9	4.2
FIBERMAX	FM 958 LL	1.17	82.9	31.8	4.1
Delta and Pine Land	DP 436 RR	1.17	83.7	28.5	3.8
Delta and Pine Land	DPLX01Z34	1.16	83.0	31.2	3.8
PhytoGen	PHY 410 RR	1.16	83.7	30.4	4.3
Delta and Pine Land	DPLX02X71R	1.15	83.5	30.3	4.0
FIBERMAX	FM 960 BR	1.14	83.4	33.1	3.8
BGC	BCG28R	1.14	83.2	30.6	4.4
Delta and Pine Land	DPLX01W99R-074	1.14	81.8	28.6	4.0
Delta and Pine Land	DPLX00W12	1.14	83.1	30.8	4.3
Delta and Pine Land	Sure-Grow 105	1.14	84.0	30.9	4.1
UGA	GA99090	1.13	83.4	31.7	4.4
Delta and Pine Land	DP 432 RR	1.13	83.9	29.3	3.9
Stoneville	ST 457	1.13	82.4	29.9	4.0
UGA	GA99029	1.13	83.5	31.9	4.3
Delta and Pine Land	DP 451 B/RR	1.12	82.1	28.4	4.0
Delta and Pine Land	PM 1199 RR	1.11	83.4	30.4	4.1
FIBERMAX	FM 966 LL	1.11	82.9	32.9	4.0
Stoneville	ST 4646B2R	1.11	82.0	29.5	4.4
Delta and Pine Land	DP 444 BG/RR	1.10	82.5	29.9	3.7
Stoneville	ST 4793R	1.09	82.7	29.3	4.4
Delta and Pine Land	DP 449 BG/RR	1.09	82.5	31.5	4.0
Stoneville	ST 4892BR	1.09	82.1	30.0	4.3
Delta and Pine Land	DP 424 BGII/RR	1.08	82.4	27.8	4.0
Delta and Pine Land	Sure-Grow 501 BR	1.08	82.7	28.9	4.3
Delta and Pine Land	Sure-Grow 521 R	1.07	81.9	28.2	4.2
Delta and Pine Land	SG 215 BG/RR	1.06	81.9	26.9	3.9
Stoneville	ST 3990BR	1.06	81.8	26.8	3.6
AVERAGES		1.12	82.9	30.3	4.0
L.S.D. (.05)		0.04	1.2	1.1	0.3
C.V. (%)		2.5	1.0	2.6	5.6

TABLE 23. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (4-YEAR DATA 2000-2003)

CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
	(IN)	(PCT)	(G/TEX)	(READING)
Delta and Pine Land DeltaPEARL	1.15	82.9	30.8	4.3
FIBERMAX FM 989	1.12	82.5	31.8	4.3
Delta and Pine Land DP 5415 RR	1.09	82.3	29.2	4.4
Delta and Pine Land DP 5690 RR	1.08	82.2	31.3	4.2
Delta and Pine Land DP 458 B/RR	1.08	81.9	29.4	4.4
AVERAGES	1.10	82.4	30.5	4.3
L.S.D. (.05)	0.03	NS	0.8	0.2
C.V. (%)	3.0	1.5	3.7	4.6

TABLE 24. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (3-YEAR DATA 2001-2003)

CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
	(IN)	(PCT)	(G/TEX)	(READING)
Delta and Pine Land DP 491	1.19	83.4	32.2	4.2
Delta and Pine Land DeltaPEARL	1.15	82.8	30.7	4.3
FIBERMAX FM 989	1.12	82.7	31.8	4.2
FIBERMAX FM 991 RR	1.12	82.5	31.5	4.2
Delta and Pine Land DP 555 BG/RR	1.10	82.1	29.6	4.4
Stoneville ST 5599BR	1.09	81.9	29.7	4.2
Delta and Pine Land DP 5415 RR	1.09	82.2	28.8	4.5
Delta and Pine Land DP 448 B	1.08	81.9	28.5	4.3
FIBERMAX FM 989 BR	1.08	81.9	29.3	4.0
FIBERMAX FM 989 RR	1.08	82.4	31.0	4.1
Delta and Pine Land DP 458 B/RR	1.07	81.7	29.1	4.5
Delta and Pine Land DP 5690 RR	1.07	82.0	31.2	4.2
Stoneville ST 4892BR	1.06	82.6	29.0	4.6
AVERAGES	1.10	82.3	30.2	4.7
L.S.D. (.05)	0.03	NS	1.0	0.3
C.V. (%)	2.8	1.2	3.6	4.3

TABLE 25. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (2-YEAR DATA 2002-2003)

CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
	(IN)	(PCT)	(G/TEX)	(READING)
Delta and Pine Land DP 491	1.21	83.2	32.3	4.1
Delta and Pine Land DeltaPEARL	1.15	82.4	30.7	4.2
FIBERMAX FM 989	1.14	82.9	32.1	4.1
FIBERMAX FM 991 RR	1.13	82.6	31.8	4.1
Delta and Pine Land DP 555 BG/RR	1.13	82.3	29.6	4.3
Delta and Pine Land DP 448 B	1.11	82.5	29.0	4.1
Delta and Pine Land DP 449 BG/RR	1.11	82.5	30.8	4.0
FIBERMAX FM 989 BR	1.10	81.9	29.5	3.8
Stoneville ST 5599BR	1.10	81.8	29.6	4.1
FIBERMAX FM 989 RR	1.10	82.4	31.6	4.0
Delta and Pine Land DP 5415 RR	1.09	82.5	28.8	4.4
Stoneville ST 4892BR	1.09	83.2	29.5	4.3
Delta and Pine Land DP 493	1.09	81.5	30.1	4.5
Delta and Pine Land DP 5690 RR	1.08	82.1	31.6	4.0
Delta and Pine Land DP 458 B/RR	1.08	81.7	29.2	4.4
Stoneville ST 5303R	1.07	83.2	31.6	4.3
AVERAGES	1.11	82.4	30.5	4.2
L.S.D. (.05)	0.03	NS	1.4	0.3
C.V. (%)	2.8	1.2	3.9	4.6

TABLE 26. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
 LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL PLAIN -  
 EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
 (2003 DATA)

CULTIVAR OR STRAIN	UHM LENGTH (IN)	M/UHM UNIF. RATIO (PCT)	FIBER STRENGTH (G/TEX)	MIKE (READING)
Delta and Pine Land DP 491	1.23	83.9	32.5	3.8
Delta and Pine Land DPLX03X176BR	1.18	84.4	32.3	4.1
Delta and Pine Land DP 494 R	1.18	83.7	33.0	3.9
Delta and Pine Land DeltaPEARL	1.16	82.8	31.7	4.0
Delta and Pine Land DP 555 BG/RR	1.14	82.7	30.2	4.1
FIBERMAX FM 989	1.14	82.5	33.0	3.8
Stoneville ST 5599BR	1.14	82.9	30.7	3.9
FIBERMAX FM 991 BR	1.13	82.6	33.5	3.9
PhytoGen PHY 510 RR	1.13	82.4	32.5	4.0
UGA GA200061	1.13	83.1	32.1	4.1
FIBERMAX FM 991 RR	1.13	82.6	31.9	3.9
Delta and Pine Land DP 449 BG/RR	1.13	82.4	31.8	3.7
Delta and Pine Land DP 448 B	1.12	82.7	29.6	3.8
UGA GA200024	1.12	82.6	32.0	4.0
FIBERMAX FM 981LL	1.12	82.3	31.9	3.9
Delta and Pine Land DP 493	1.11	81.8	30.8	4.3
Delta and Pine Land DP 468 BGII/RR	1.11	81.6	28.5	3.9
FIBERMAX FM 989 BR	1.11	81.9	30.6	3.8
FIBERMAX FM 989 RR	1.11	82.5	33.1	3.8
Delta and Pine Land DPLX02X25R	1.11	82.4	31.5	4.3
UGA GA200013	1.10	82.7	31.5	4.2
Stoneville ST 4892BR	1.10	83.2	29.1	4.2
Delta and Pine Land DP 5415 RR	1.10	82.0	28.8	4.1
PhytoGen PHY X8936 RR	1.09	82.1	29.5	4.1
Beltwide Cotton GeneBCG24R	1.09	81.8	29.8	3.9
Delta and Pine Land DP 5690 RR	1.08	81.6	31.9	3.9
Delta and Pine Land DP 458 B/RR	1.08	81.7	29.8	3.9
Stoneville ST 5303R	1.08	83.0	32.3	4.1
Stoneville ST 5242BR	1.07	82.8	27.5	4.2
AVERAGES	1.12	82.6	31.2	4.0
L.S.D. (.05)	0.04	1.2	1.4	0.3
C.V. (%)	2.4	1.0	3.2	4.8

TABLE 27. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(3-YEAR DATA 2001-2003)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
FIBERMAX	FM 958	1.15	83.3	30.9	4.3
FIBERMAX	FM 966	1.14	83.7	32.7	4.1
Delta and Pine Land	DP 451 B/RR	1.12	82.8	27.1	4.2
Delta and Pine Land	PM 1199 RR	1.11	83.6	29.6	4.4
Delta and Pine Land	Sure-Grow 105	1.11	83.1	28.9	4.4
Delta and Pine Land	DP 436 RR	1.10	82.2	26.8	4.1
Delta and Pine Land	Sure-Grow 521 R	1.08	82.4	27.1	4.2
Stoneville	ST 4892BR	1.08	82.4	28.6	4.4
Stoneville	ST 4793R	1.07	82.2	28.4	4.5
Delta and Pine Land	SG 215 BG/RR	1.07	82.2	26.4	4.2
AVERAGES		1.10	82.8	28.7	4.3
L.S.D. (.05)		0.03	NS	1.1	NS
C.V. (%)		2.1	1.0	3.3	4.7

TABLE 28. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(2-YEAR DATA 2002-2003)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
BCG	BCG295	1.15	82.8	29.8	4.0
FIBERMAX	FM 958	1.15	83.1	31.6	4.2
FIBERMAX	FM 966	1.15	83.7	33.5	4.0
BCG	BCG28R	1.13	82.5	28.0	4.2
Delta and Pine Land	PM 1199 RR	1.11	83.4	29.7	4.4
Delta and Pine Land	DP 451 B/RR	1.11	82.3	27.3	4.2
Delta and Pine Land	DP 436 RR	1.10	81.4	26.8	4.2
Delta and Pine Land	Sure-Grow 105	1.10	82.6	29.4	4.4
Delta and Pine Land	DP 444 BG/RR	1.09	81.8	27.9	3.8
Stoneville	ST 4892BR	1.08	81.9	28.9	4.4
Delta and Pine Land	Sure-Grow 521 R	1.07	81.8	27.1	4.3
Delta and Pine Land	SG 215 BG/RR	1.06	81.6	26.5	4.1
Stoneville	ST 4793R	1.06	81.5	28.3	4.6
AVERAGES		1.10	82.3	28.8	4.2
L.S.D. (.05)		0.03	NS	1.0	NS
C.V. (%)		2.2	1.2	3.5	5.8

TABLE 29. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED EARLY MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(2003 DATA)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
FIBERMAX	FM 958 LL	1.24	84.3	32.5	4.0
Delta and Pine Land	DPLX00W12	1.20	84.1	31.0	4.0
FIBERMAX	FM 958	1.20	84.2	32.5	3.8
UGA	GA99029	1.19	83.4	31.5	4.0
UGA	GA99090	1.18	83.7	31.9	3.8
BGC	BCG295	1.18	82.8	30.5	3.4
FIBERMAX	FM 966	1.18	84.6	34.2	3.8
PhytoGen	PHY 410 RR	1.17	83.9	30.5	3.9
FIBERMAX	FM 966 LL	1.17	84.2	33.4	3.9
Delta and Pine Land	DP 451 B/RR	1.17	83.7	28.4	3.5
BGC	BCG28R	1.16	82.6	29.3	3.9
Delta and Pine Land	DPLX01W99R-074	1.16	82.6	28.3	3.5
FIBERMAX	FM 960 BR	1.16	83.1	33.8	3.7
Delta and Pine Land	PM 1199 RR	1.16	84.7	31.0	4.1
Delta and Pine Land	DP 449 BG/RR	1.14	83.4	32.3	3.6
Delta and Pine Land	DPLX01Z34	1.14	83.3	31.4	3.5
Stoneville	ST 457	1.14	82.6	29.2	3.8
Delta and Pine Land	DP 436 RR	1.13	81.8	27.7	3.6
Delta and Pine Land	DP 444 BG/RR	1.13	82.9	28.7	3.4
Delta and Pine Land	DP 424 BGII/RR	1.13	83.2	28.7	4.0
Delta and Pine Land	Sure-Grow 105	1.13	83.3	30.3	3.9
Stoneville	ST 4646B2R	1.13	82.2	29.6	3.9
Delta and Pine Land	DP 432 RR	1.12	83.1	30.0	3.6
Stoneville	ST 4892BR	1.12	82.6	30.4	3.8
Delta and Pine Land	Sure-Grow 501 BR	1.11	83.4	30.0	4.0
Delta and Pine Land	Sure-Grow 521 R	1.11	82.3	27.5	3.9
Delta and Pine Land	SG 215 BG/RR	1.10	82.4	27.4	3.6
Stoneville	ST 4793R	1.10	82.7	29.7	4.0
Delta and Pine Land	DPLX02X71R	1.10	82.3	30.3	3.9
Stoneville	ST 3990BR	1.09	82.6	26.9	3.6
AVERAGES		1.15	83.2	30.3	3.8
L.S.D. (.05)		0.03	1.2	1.3	0.4
C.V. (%)		1.8	1.0	3.0	6.8

TABLE 30. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(3-YEAR DATA 2001-2003)

CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
	(IN)	(PCT)	(G/TEX)	(READING)
Delta and Pine Land DP 491	1.16	82.9	30.6	3.8
Delta and Pine Land DeltaPEARL	1.15	82.5	29.7	4.1
FIBERMAX FM 989	1.14	82.7	31.2	4.2
FIBERMAX FM 989 BR	1.12	82.1	29.2	3.9
Delta and Pine Land DP 448 B	1.12	81.7	28.0	4.0
FIBERMAX FM 991 RR	1.12	81.9	29.9	4.2
Delta and Pine Land DP 458 B/RR	1.11	81.9	28.9	4.2
Delta and Pine Land DP 5415 RR	1.11	82.2	29.0	4.2
FIBERMAX FM 989 RR	1.11	82.7	30.0	4.0
Stoneville ST 5599BR	1.11	81.8	28.6	4.0
Delta and Pine Land DP 5690 RR	1.11	82.3	30.9	4.0
Delta and Pine Land DP 555 BG/RR	1.11	81.3	28.5	4.1
Stoneville ST 4892BR	1.09	82.4	29.2	4.2
AVERAGES	1.12	82.2	29.5	4.1
L.S.D. (.05)	NS	NS	NS	NS
C.V. (%)	2.5	1.1	5.2	7.5

TABLE 31. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(2-YEAR DATA 2002-2003)

CULTIVAR OR STRAIN	UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
	(IN)	(PCT)	(G/TEX)	(READING)
Delta and Pine Land DP 491	1.14	82.2	30.4	3.7
Delta and Pine Land DeltaPEARL	1.14	82.3	30.2	4.1
FIBERMAX FM 989	1.13	82.6	31.8	4.4
Delta and Pine Land DP 493	1.12	82.2	30.5	4.1
Delta and Pine Land DP 449 BG/RR	1.11	81.9	30.3	4.1
FIBERMAX FM 989 BR	1.10	81.9	29.1	3.9
FIBERMAX FM 989 RR	1.10	82.5	30.4	4.1
Delta and Pine Land DP 448 B	1.10	80.9	28.2	3.9
Delta and Pine Land DP 555 BG/RR	1.10	81.0	28.8	3.9
FIBERMAX FM 991 RR	1.10	81.9	29.9	4.2
Stoneville ST 5599BR	1.10	81.7	29.0	4.0
Delta and Pine Land DP 5415 RR	1.10	81.8	29.2	4.2
Delta and Pine Land DP 458 B/RR	1.09	81.5	29.0	4.2
Delta and Pine Land DP 5690 RR	1.09	82.2	31.6	4.0
Stoneville ST 4892BR	1.09	82.2	30.1	4.2
Stoneville ST 5303R	1.08	81.7	29.6	3.9
AVERAGES	1.10	81.9	29.9	4.0
L.S.D. (.05)	NS	NS	NS	NS
C.V. (%)	2.9	1.2	5.8	8.5

TABLE 32. COTTON FIBER PROPERTIES - HIGH VOLUME INSTRUMENT ANALYSIS -  
IRRIGATED LATER MATURITY CULTIVAR PERFORMANCE TEST - COASTAL  
PLAIN - EDISTO RESEARCH & EDUCATION CENTER, BLACKVILLE, S.C.  
(2003 DATA)

CULTIVAR OR STRAIN		UHM LENGTH	M/UHM UNIF. RATIO	FIBER STRENGTH	MIKE
		(IN)	(PCT)	(G/TEX)	(READING)
Stoneville	ST 5242BR	1.17	82.4	31.2	3.4
UGA	GA200061	1.16	82.7	33.3	3.8
PhytoGen	PHY 510 RR	1.15	82.9	31.0	3.4
PhytoGen	PHY X8936 RR	1.14	82.9	32.7	3.2
Delta and Pine Land	DP 468 BGII/RR	1.13	83.1	32.5	3.7
Delta and Pine Land	DP 493	1.13	82.8	30.7	3.5
FIBERMAX	FM 991 BR	1.13	82.3	31.3	3.8
FIBERMAX	FM 989	1.13	82.5	31.1	3.8
UGA	GA200024	1.13	81.9	30.3	3.3
Delta and Pine Land	DP 448 B	1.12	81.1	29.8	3.3
FIBERMAX	FM 989 BR	1.12	82.4	30.5	3.5
FIBERMAX	FM 989 RR	1.12	83.1	30.5	3.7
BGC	BCG24R	1.12	82.6	30.1	3.9
FIBERMAX	FM 981LL	1.12	82.2	30.6	3.3
Stoneville	ST 4892BR	1.12	82.5	31.8	3.6
Delta and Pine Land	DP 458 B/RR	1.11	81.9	30.2	3.5
Delta and Pine Land	DP 5415 RR	1.11	82.3	30.8	3.5
Delta and Pine Land	DeltaPEARL	1.11	82.2	30.5	3.8
Delta and Pine Land	DP 494 R	1.11	82.6	30.2	3.4
Delta and Pine Land	DPLX03X176BR	1.11	82.4	29.9	3.2
UGA	GA200013	1.11	82.4	30.7	3.5
Delta and Pine Land	DP 449 BG/RR	1.10	81.8	30.6	3.6
Delta and Pine Land	DP 491	1.10	82.4	30.0	3.4
Delta and Pine Land	DP 5690 RR	1.10	82.7	32.6	3.4
Stoneville	ST 5599BR	1.10	82.2	29.8	3.1
Stoneville	ST 5303R	1.10	81.7	29.2	3.4
Delta and Pine Land	DPLX02X25R	1.08	82.4	29.6	3.6
FIBERMAX	FM 991 RR	1.08	81.9	29.0	3.8
Delta and Pine Land	DP 555 BG/RR	1.08	80.0	27.9	3.2
AVERAGES		1.12	82.3	30.6	3.5
L.S.D. (.05)		NS	NS	NS	NS
C.V. (%)		3.6	1.5	7.0	12.1