

IRRIGATED COTTON TRIAL - EDISTO REC - BLACKVILLE, SC  
EARLY MATURING VARIETIES 2014

COMPANY OR BRAND NAME	VARIETY OR STRAIN	LINT YIELD (LB/A)	LINT PERCENT (%)	UHM LENGTH (IN)	M/UHM	FIBER STRENGTH (G/TEX)	ELONGATION	MIKE (READING)
					UNIF. RATIO (PCT)			
Stoneville	ST 5032GLT	1059	42.0	<b>1.16</b>	82.8	31.5	7.9	4.2
Monsanto	MON 12R224 B2RF	1070	43.1	1.14	<b>84.3</b>	30.7	<b>9.0</b>	4.2
Deltapine	DP 1321 B2RF	1090	44.3	1.10	<b>83.7</b>	31.3	<b>9.3</b>	<b>5.0</b>
FiberMax	FM 1944GLB2	1115	41.3	1.15	<b>84.5</b>	<b>31.8</b>	6.2	<b>4.8</b>
PhytoGen	PHY 339 WRF	1117	44.1	1.13	<b>83.4</b>	30.4	8.6	4.4
Stoneville	ST 4747GLB2	1136	43.6	1.14	82.2	27.3	6.8	4.3
Bayer	BX 1532GLT	1146	<b>48.8</b>	1.12	<b>83.6</b>	30.3	8.1	<b>4.7</b>
Dyna_Gro	CT 14515 B2RF	1150	45.6	1.11	<b>83.4</b>	<b>32.7</b>	8.5	<b>5.1</b>
Bayer	BX 1531GLT	1158	47.6	1.10	82.7	29.6	8.0	<b>4.9</b>
PhytoGen	PX 49907 WRF	1158	47.2	1.10	83.0	<b>33.2</b>	8.5	4.5
Stoneville	ST 4946GLB2	1163	43.5	1.10	<b>84.3</b>	<b>33.2</b>	8.7	<b>4.9</b>
Deltapine	DP 1028 B2RF	1168	46.0	1.09	83.0	29.4	<b>10.0</b>	<b>4.9</b>
Deltapine	DP 0912 B2RF	1196	42.9	1.05	<b>83.8</b>	30.1	8.8	<b>4.9</b>
Dyna-Gro	CT 13442 B2RF	1214	43.7	1.12	<b>84.9</b>	<b>31.8</b>	8.6	4.5
PhytoGen	PX 37508 W3RF	1215	44.0	1.12	<b>84.0</b>	31.1	7.7	4.4
Bayer	BX 1533GLT	1216	43.7	<b>1.17</b>	<b>84.1</b>	<b>33.6</b>	7.8	4.6
SSG	UA-222	1217	43.2	<b>1.16</b>	<b>83.8</b>	<b>32.3</b>	8.9	<b>4.8</b>
PhytoGen	PX 37520 W3RF	1219	43.7	1.07	82.0	27.8	<b>9.5</b>	4.1
Bayer	BX 1534GLT	1241	43.7	1.09	82.4	31.6	8.1	4.5
SSG	HQ 210 CT	1248	41.6	1.10	82.8	<b>32.5</b>	8.4	<b>5.0</b>
NexGen	NG 1511 B2RF	1265	44.8	1.06	82.9	30.5	<b>10.0</b>	<b>4.7</b>
PhytoGen	PHY 312 WRF	1267	45.4	1.11	<b>83.4</b>	30.7	8.1	4.4
PhytoGen	PHY 487 WRF	1313	46.1	1.10	<b>83.6</b>	<b>32.6</b>	8.6	<b>4.9</b>
PhytoGen	PHY 417 WRF	1316	45.0	1.10	83.0	30.8	<b>9.6</b>	4.0
PhytoGen	PX 49936 W3RF	1339	46.7	1.08	<b>83.5</b>	31.3	<b>9.3</b>	4.6
PhytoGen	PHY 427 WRF	1346	43.8	1.09	<b>83.8</b>	31.5	<b>9.4</b>	4.5
PhytoGen	PHY 495 W3RF	1380	46.0	1.07	<b>83.7</b>	<b>33.5</b>	<b>9.0</b>	<b>4.7</b>
PhytoGen	PHY 333 WRF	1484	45.4	1.13	<b>83.4</b>	30.4	8.0	<b>4.7</b>
PhytoGen	PX 300314 WRF	1546	45.1	1.07	83.1	30.8	8.0	<b>4.7</b>
PhytoGen	PHY 444 WRF	1575	46.5	<b>1.20</b>	<b>84.1</b>	<b>33.4</b>	7.6	4.1
PhytoGen	PHY 499 WRF	1593	45.8	1.09	<b>84.0</b>	<b>32.4</b>	<b>9.0</b>	<b>5.0</b>
AVERAGES		1249	44.6	1.11	83.4	31.3	8.5	4.6
L.S.D. (.10)		NS	1.0	0.04	1.4	1.8	1.0	0.3
C.V. (%)		20.0	1.9	2.4	1.4	4.0	8.5	4.0

\*STD. ERROR OF ENTRY MEAN 125.1 DF=90

\* std error is elevated due to missing / damaged plots

**Bold numbers are not statistically different**