

2017 DRY LAND COTTON TRIAL - EDISTO REC - BLACKVILLE, SC  
EARLY MATURING VARIETIES

COMPANY OR BRAND NAME	VARIETY OR STRAIN	LINT YIELD (LB/A)	LINT PERCENT (%)	UHM LENGTH (IN)	M/UHM UNIF. RATIO (PCT)	FIBER STRENGTH (G/TEX)	ELONGATION	MIKE (READING)
Deltapine	DP 1725 B2XF	<b>1763</b>	<b>47.5</b>	1.11	81.8	31.7	5.4	4.3
PhytoGen	PHY 444 WRF	<b>1751</b>	<b>51.1</b>	<b>1.20</b>	<b>84.6</b>	33.1	5.8	3.3
Stoneville	ST 4949GLT	<b>1667</b>	<b>50.2</b>	1.12	83.1	31.6	6.6	4.2
Dyna-Gro	CPS 17228NR	<b>1637</b>	<b>47.3</b>	1.14	<b>83.9</b>	34.0	7.5	3.8
PhytoGen	PX3A99W3FE	<b>1634</b>	45.1	1.16	<b>84.0</b>	34.4	6.3	4.1
NexGen	NG 3522 B2XF	<b>1615</b>	45.3	1.10	82.1	30.2	5.7	4.0
Deltapine	DP 1614 B2XF	1573	<b>49.9</b>	1.15	<b>84.4</b>	32.9	7.6	<b>4.5</b>
PhytoGen	PX3A82W3FE	1570	46.6	1.13	<b>85.0</b>	<b>37.3</b>	7.6	4.0
Stoneville	ST 4848GLT	1553	45.9	1.14	<b>83.6</b>	32.8	6.0	4.2
PhytoGen	PX4A57W3FE	1530	46.9	1.10	82.2	34.9	6.1	3.8
PhytoGen	PHY 312 WRF	1527	45.2	1.11	<b>84.0</b>	33.9	6.3	4.0
PhytoGen	PX3A96W3FE	1519	43.8	1.13	<b>83.6</b>	33.2	6.5	4.1
PhytoGen	PHY 490 W3FE	1496	<b>47.6</b>	1.12	<b>83.9</b>	<b>36.2</b>	7.4	4.2
NexGen	NG 3406 B2XF	1483	41.9	1.11	83.1	32.8	7.3	4.1
PhytoGen	PX5B73W3FE	1480	<b>47.8</b>	1.13	83.0	35.0	6.2	3.9
PhytoGen	PX4A62W3FE	1479	45.4	<b>1.18</b>	<b>84.6</b>	<b>37.5</b>	5.7	3.5
PhytoGen	PHY 300 W3FE	1477	<b>48.6</b>	1.13	<b>84.1</b>	35.3	6.1	4.1
Stoneville	ST 5517GLT	1476	44.5	1.14	82.7	34.4	5.4	3.9
NexGen	NG 3699 B2XF	1471	42.4	1.14	83.2	34.2	6.0	4.1
PhytoGen	PHY 330 W3FE	1470	<b>47.6</b>	1.14	<b>84.0</b>	34.5	5.7	4.0
Stoneville	ST 5115GLT	1468	43.2	1.14	82.9	34.1	6.1	3.7
Deltapine	DP 1522 B2XF	1462	42.2	1.12	82.8	32.7	<b>8.4</b>	<b>4.6</b>
SSG	UA-222	1440	43.3	1.17	<b>84.2</b>	32.6	<b>7.9</b>	4.1
PhytoGen	PHY 450 W3FE	1439	45.7	1.11	<b>83.3</b>	<b>36.8</b>	6.9	4.2
SSG HQ	210 CT	1432	41.7	1.13	81.0	34.4	6.3	4.0
PhytoGen	PX2A28W3FE	1427	43.2	1.17	83.1	33.5	4.6	3.8
PhytoGen	PHY 340 W3FE	1416	<b>47.6</b>	1.15	<b>84.1</b>	33.6	5.9	4.1
PhytoGen	PX4A52W3FE	1416	<b>47.6</b>	1.14	<b>83.9</b>	34.9	7.7	3.8
Dyna-Gro	3385 B2XF	1404	39.7	1.11	82.8	31.9	<b>7.8</b>	4.3
PhytoGen	PX4A54W3FE	1391	46.3	1.13	<b>83.7</b>	34.4	6.2	3.9
Stoneville	ST 5020GLT	1354	41.0	1.17	<b>84.5</b>	34.6	7.0	4.2
PhytoGen	PX5B76W3FE	1336	42.0	1.11	83.1	34.6	6.4	4.0
PhytoGen	PX5A57W3FE	1263	43.5	1.12	<b>83.4</b>	34.2	6.2	3.8
AVERAGES		1497	45.4	1.13	83.4	34.0	6.5	4.0
L.S.D. (.10)		187	4.1	0.03	1.7	1.6	0.7	0.3
C.V. (%)		10.6	7.8	2.2	1.4	3.3	7.7	5.4
STD. ERROR OF ENTRY MEAN		79.8	DF=96					

**Bold numbers are not statistically different**

Planted 5/18/17 55,000 seed per acre on 38 inch rows with 40 foot plots

Harvested 10/18/17

GPS N33 20'50.855" W 81 18'44.066"

2017 DRY LAND COTTON TRIAL - EDISTO REC - BLACKVILLE, SC  
LATER MATURING VARIETIES

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)				
NexGen	NG 5007 B2XF	<b>1496</b>	<b>48.1</b>	1.11	83.1		30.2	7.2	4.2
Stoneville	ST 4949GLT	<b>1457</b>	<b>47.5</b>	1.09	82.6		33.0	7.0	4.3
PhytoGen	PHY 312 WRF	<b>1445</b>	<b>46.0</b>	1.15	85.1		<b>35.1</b>	6.5	4.0
Monsanto	16R353B3XF	<b>1426</b>	<b>48.5</b>	1.14	83.3		<b>36.1</b>	7.8	4.0
NexGen	NG 4601 B2XF	<b>1377</b>	<b>51.0</b>	1.12	82.9		34.2	6.3	<b>4.9</b>
Dyna-Gro	3526 B2XF	<b>1371</b>	<b>47.7</b>	1.11	83.1		31.1	<b>8.6</b>	4.5
Deltapine	DP 1555 B2RF	<b>1362</b>	42.9	1.13	82.7		34.4	6.3	4.1
Deltapine	DP 1646 B2XF	<b>1361</b>	<b>49.6</b>	<b>1.20</b>	82.3		32.2	7.3	4.1
Dyna-Gro	3757 B2XF	<b>1354</b>	<b>46.5</b>	1.11	81.6		31.1	7.0	4.3
Deltapine	DP 1538 B2XF	<b>1327</b>	<b>45.7</b>	1.08	82.3		30.6	7.5	<b>4.7</b>
PhytoGen	PX4A62W3FE	<b>1286</b>	<b>49.7</b>	1.16	84.0		<b>36.6</b>	5.6	3.8
NexGen	AMX 1711 B2XF	<b>1284</b>	44.7	<b>1.17</b>	83.0		33.9	6.3	4.0
PhytoGen	PHY 300 W3FE	<b>1277</b>	<b>47.3</b>	1.11	82.7		33.5	5.9	4.3
Dyna-Gro	3635	<b>1265</b>	<b>46.0</b>	1.11	82.6		34.2	6.1	4.4
PhytoGen	PX3A99W3FE	<b>1262</b>	42.3	1.13	83.5		33.5	5.9	4.2
PhytoGen	PX5B73W3FE	<b>1251</b>	44.3	1.13	82.8		33.2	6.1	4.2
PhytoGen	PX4A57W3FE	<b>1244</b>	<b>49.7</b>	1.09	82.4		<b>35.0</b>	6.5	4.0
Deltapine	DP 1553 B2XF	<b>1243</b>	<b>47.7</b>	1.14	83.5		31.5	7.4	<b>4.6</b>
CROPLAN	3885 B2XF	<b>1228</b>	<b>46.1</b>	1.09	81.9		31.6	7.1	<b>4.7</b>
Stoneville	ST 5517GLT	<b>1227</b>	44.0	1.14	82.1		34.9	5.5	3.9
Deltapine	DP 1851 B3XF	1217	<b>49.7</b>	1.14	83.2		34.6	7.1	<b>4.7</b>
Dyna-Gro	CPS 17330	1217	<b>50.2</b>	1.15	83.6		<b>35.1</b>	6.7	4.6
Stoneville	ST 6182GLT	1201	41.3	1.11	81.0		30.8	5.9	4.5
Deltapine	DP 1747NR B2XF	1194	<b>46.4</b>	1.09	81.6		33.2	6.1	<b>4.9</b>
PhytoGen	PHY 444 WRF	1193	42.6	<b>1.18</b>	83.8		34.8	5.8	3.4
PhytoGen	PX5B76W3FE	1189	41.1	1.11	83.2		34.0	5.6	4.2
Stoneville	ST 5115GLT	1187	42.2	1.11	81.7		34.8	6.2	3.7
Stoneville	ST 5020GLT	1185	39.8	1.15	83.3		34.2	7.1	4.2
SSG	HQ 210 CT	1170	42.0	1.11	82.4		34.7	6.2	4.1
Deltapine	DP 1840 B3XF	1146	<b>45.7</b>	<b>1.18</b>	83.5		33.7	6.9	4.0
Deltapine	DP 1639 B2XF	1117	<b>47.8</b>	1.11	83.0		34.4	7.6	<b>4.9</b>
PhytoGen	PX2A28W3FE	1111	41.4	<b>1.17</b>	83.3		34.4	4.3	3.9
PhytoGen	PX5A57W3FE	1082	<b>48.5</b>	1.13	83.7		<b>36.3</b>	6.0	3.9
PhytoGen	PX3A96W3FE	1064	40.7	1.13	84.2		34.1	6.4	4.4
CROPLAN	9608 B3XF	1043	<b>47.7</b>	1.10	81.6		31.4	5.5	4.2
PhytoGen	PX3A82W3FE	1022	39.2	1.15	82.9		<b>35.8</b>	7.2	4.0
PhytoGen	PHY 330 W3FE	999	<b>46.1</b>	1.12	83.5		33.8	5.4	4.1
SSG	UA-222	990	41.4	1.16	84.2		33.2	8.0	4.1
PhytoGen	PHY 490 W3FE	963	41.2	1.11	82.7		<b>35.8</b>	7.5	<b>4.6</b>
PhytoGen	PX4A52W3FE	946	39.6	1.11	83.6		33.9	7.4	3.9
PhytoGen	PHY 450 W3FE	939	43.6	1.11	81.9		<b>36.9</b>	7.4	4.5
PhytoGen	PX4A54W3FE	934	43.0	1.10	83.9		<b>35.5</b>	6.3	3.9
PhytoGen	PHY 340 W3FE	918	<b>46.1</b>	1.11	82.9		33.3	5.8	4.4
AVERAGES		1199	45.2	1.13	82.9		33.8	6.6	4.2
L.S.D. (.10)		274	6.1	0.04	NS		1.9	0.6	0.3
C.V. (%)		19.5	11.5	2.2	1.6		4.1	6.5	5.5
STD. ERROR OF ENTRY MEAN		116.8	DF=126						

**Bold numbers are not statistically different**

Planted 5/18/17 55,000 seed per acre on 38 inch rows with 40 foot plots

Harvested 10/18/17

GPS N33 20'50.855" W 81 18'44.066"

2017 IRRIGATED COTTON TRIAL - EDISTO REC - BLACKVILLE, SC  
EARLY MATURING VARIETIES

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)				
Dyna-Gro	CPS 17228NR	<b>1485</b>	43.5	1.16	<b>83.4</b>		32.5	<b>7.3</b>	<b>3.9</b>
PhytoGen	PHY 330 W3FE	<b>1473</b>	43.6	1.14	<b>83.8</b>		33.2	6.3	3.7
Dyna-Gro	3385 B2XF	<b>1469</b>	40.6	1.14	82.4		30.4	<b>7.8</b>	<b>4.1</b>
NexGen	NG 3406 B2XF	<b>1445</b>	41.0	1.14	<b>82.8</b>		31.9	<b>7.5</b>	<b>3.9</b>
PhytoGen	PX3A82W3FE	<b>1352</b>	41.0	1.12	<b>83.0</b>		33.3	<b>7.7</b>	<b>3.8</b>
PhytoGen	PX3A99W3FE	<b>1341</b>	40.8	1.16	<b>83.1</b>		32.5	<b>6.7</b>	3.7
PhytoGen	PX2A28W3FE	<b>1336</b>	39.6	<b>1.19</b>	<b>83.0</b>		<b>34.8</b>	5.3	<b>3.9</b>
Deltapine	DP 1522 B2XF	<b>1328</b>	39.9	<b>1.17</b>	<b>83.3</b>		31.5	<b>7.9</b>	<b>3.8</b>
PhytoGen	PX4A54W3FE	<b>1317</b>	42.9	1.13	<b>84.2</b>		<b>34.4</b>	<b>6.8</b>	<b>3.9</b>
PhytoGen	PHY 312 WRF	<b>1311</b>	38.6	1.15	<b>83.0</b>		31.8	<b>7.0</b>	<b>4.0</b>
PhytoGen	PX5B76W3FE	<b>1301</b>	39.5	1.12	<b>82.6</b>		32.7	<b>6.8</b>	<b>3.9</b>
Stoneville	ST 5020GLT	<b>1298</b>	39.2	<b>1.20</b>	<b>83.4</b>		<b>33.7</b>	<b>7.1</b>	3.5
PhytoGen	PX4A57W3FE	<b>1286</b>	47.8	1.07	81.2		32.2	<b>6.8</b>	3.7
NexGen	NG 3522 B2XF	<b>1276</b>	39.6	1.13	81.5		30.1	<b>7.2</b>	<b>3.8</b>
Deltapine	DP 1614 B2XF	<b>1273</b>	41.4	<b>1.19</b>	<b>83.8</b>		33.2	<b>6.9</b>	<b>3.9</b>
PhytoGen	PHY 450 W3FE	1268	41.5	1.12	<b>83.3</b>		<b>35.6</b>	<b>7.1</b>	<b>3.8</b>
Deltapine	DP 1725 B2XF	1249	44.0	1.16	<b>82.8</b>		32.3	6.2	<b>3.9</b>
PhytoGen	PHY 490 W3FE	1226	40.5	1.16	<b>83.2</b>		<b>35.0</b>	<b>7.6</b>	3.7
PhytoGen	PHY 300 W3FE	1217	42.0	1.15	82.3		32.6	<b>6.7</b>	<b>3.9</b>
Stoneville	ST 5115GLT	1214	39.0	1.15	81.1		32.5	<b>6.7</b>	3.4
SSG HQ	210 CT	1211	38.1	1.13	81.3		32.3	<b>6.6</b>	<b>4.0</b>
PhytoGen	PX4A62W3FE	1207	41.0	<b>1.19</b>	<b>83.4</b>		<b>35.3</b>	6.4	3.5
NexGen	NG 3699 B2XF	1203	37.4	<b>1.20</b>	<b>83.3</b>		<b>34.2</b>	5.7	<b>3.8</b>
Stoneville	ST 4848GLT	1184	41.0	<b>1.17</b>	<b>83.3</b>		31.3	<b>6.9</b>	<b>4.2</b>
PhytoGen	PHY 444 WRF	1178	40.9	<b>1.21</b>	<b>83.8</b>		32.7	6.2	3.3
SSG	UA-222	1162	40.3	<b>1.18</b>	82.0		33.2	<b>6.8</b>	3.6
Stoneville	ST 5517GLT	1150	39.2	1.15	81.1		33.1	6.1	3.3
PhytoGen	PX3A96W3FE	1123	37.5	1.16	<b>82.8</b>		32.2	<b>7.5</b>	<b>3.8</b>
PhytoGen	PHY 340 W3FE	1106	41.4	1.14	82.3		31.8	6.5	<b>3.9</b>
PhytoGen	PX5B73W3FE	1069	41.5	1.16	<b>83.4</b>		32.6	6.4	3.7
PhytoGen	PX5A57W3FE	1060	39.7	1.11	80.8		32.2	6.2	3.2
Stoneville	ST 4949GLT	1053	39.4	1.15	<b>83.2</b>		31.6	6.5	<b>4.1</b>
PhytoGen	PX4A52W3FE	997	40.2	1.12	<b>83.1</b>		32.3	<b>7.1</b>	<b>3.9</b>
AVERAGES		1248	40.7	1.15	82.7		32.7	6.8	3.8
L.S.D. (.10)		215	NS	0.04	1.8		2.0	1.2	0.4
C.V. (%)		14.7	8.7	2.7	1.5		2.3	13.2	7.1
STD. ERROR OF ENTRY MEAN		91.5	DF=96						

**Bold numbers are not statistically different**

Planted 6/14/17 55,000 seed per acre on 38 inch rows 40 foot plots

Harvested 10/18/17

GPS N33 21'00.110" W 81 18'03.879"

2017 IRRIGATED COTTON TRIAL - EDISTO REC - BLACKVILLE, SC  
LATER MATURING VARIETIES

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)				
Dyna-Gro	3526 B2XF	<b>1739</b>	<b>50.5</b>	1.13	82.8		29.9	<b>9.1</b>	4.1
Stoneville	ST 6182GLT	<b>1723</b>	<b>50.2</b>	1.16	83.8		31.6	6.7	4.1
NexGen	NG 5007 B2XF	<b>1676</b>	<b>48.1</b>	1.19	83.7		29.9	7.8	4.1
Deltapine	DP 1555 B2RF	<b>1663</b>	44.6	1.18	84.0		34.7	6.8	4.2
Dyna-Gro	CPS 17330	<b>1615</b>	<b>49.5</b>	1.19	84.5		34.0	6.9	<b>4.2</b>
Deltapine	DP 1538 B2XF	<b>1587</b>	<b>48.5</b>	1.13	83.3		30.1	7.7	<b>4.2</b>
Deltapine	DP 1747NR B2XF	1543	<b>47.4</b>	1.15	83.2		32.2	6.5	<b>4.5</b>
PhytoGen	PX5B76W3FE	1530	44.7	1.16	84.5		33.3	6.5	3.8
NexGen	NG 4601 B2XF	1525	45.8	1.20	84.8		34.5	6.6	4.2
PhytoGen	PHY 450 W3FE	1521	45.3	1.14	84.0		<b>35.9</b>	8.3	4.0
PhytoGen	PHY 330 W3FE	1505	46.4	1.17	84.3		<b>35.8</b>	6.5	3.7
CROPLAN	3885 B2XF	1500	44.3	1.16	84.2		30.8	8.1	4.1
SSG	UA-222	1498	43.8	1.22	83.9		33.1	8.4	3.7
Dyna-Gro	3635	1497	45.6	1.17	83.3		31.3	7.4	4.0
Stoneville	ST 5115GLT	1488	43.4	1.14	82.9		33.5	6.6	3.2
CROPLAN	9608 B3XF	1464	<b>47.7</b>	1.19	83.7		32.0	5.3	3.9
Stoneville	ST 4949GLT	1464	46.1	1.14	83.9		31.0	6.9	<b>4.3</b>
PhytoGen	PHY 300 W3FE	1457	45.5	1.15	83.5		33.5	6.7	3.7
Dyna-Gro	3757 B2XF	1449	46.1	1.18	83.6		31.1	7.6	4.0
Deltapine	DP 1851 B3XF	1437	<b>47.2</b>	1.18	84.0		<b>35.3</b>	7.3	<b>4.3</b>
PhytoGen	PHY 490 W3FE	1437	46.0	1.14	84.2		<b>36.5</b>	8.0	3.8
Monsanto	16R353B3XF	1435	<b>46.8</b>	1.20	84.3		<b>35.8</b>	7.9	3.6
PhytoGen	PX4A62W3FE	1435	46.0	1.18	83.3		<b>36.1</b>	5.9	3.7
PhytoGen	PX5A57W3FE	1433	42.3	1.16	84.6		34.0	6.4	3.6
Stoneville	ST 5517GLT	1429	42.0	1.19	82.7		33.9	6.3	3.4
PhytoGen	PHY 444 WRF	1423	43.6	<b>1.25</b>	85.0		33.3	6.3	3.2
Deltapine	DP 1553 B2XF	1416	44.4	1.18	83.3		30.1	8.1	4.0
PhytoGen	PX3A99W3FE	1412	43.3	1.17	84.6		33.5	6.7	4.0
Deltapine	DP 1646 B2XF	1411	<b>47.7</b>	<b>1.27</b>	84.5		31.6	7.6	3.7
Deltapine	DP 1840 B3XF	1409	43.6	<b>1.24</b>	84.5		32.4	6.9	3.8
PhytoGen	PX4A54W3FE	1407	44.7	1.15	84.1		34.7	6.6	3.8
PhytoGen	PX2A28W3FE	1405	44.5	1.22	84.4		<b>35.3</b>	4.6	3.7
PhytoGen	PX4A52W3FE	1388	44.9	1.15	84.1		32.8	8.3	4.0
PhytoGen	PX4A57W3FE	1377	44.0	1.12	83.6		34.4	6.5	3.5
PhytoGen	PHY 340 W3FE	1376	44.3	1.15	84.2		32.9	6.6	4.1
PhytoGen	PHY 312 WRF	1369	43.4	1.17	83.5		32.5	6.7	3.7
PhytoGen	PX3A82W3FE	1354	42.4	1.13	83.9		<b>35.6</b>	8.3	3.8
Deltapine	DP 1639 B2XF	1341	46.1	1.18	84.6		33.2	7.8	<b>4.2</b>
Stoneville	ST 5020GLT	1326	42.1	1.21	84.0		34.4	7.0	3.4
SSG	HQ 210 CT	1314	40.6	1.13	83.2		33.8	6.7	3.8
NexGen	AMX 1711 B2XF	1299	45.0	1.21	84.0		32.2	6.7	3.7
PhytoGen	PX5B73W3FE	1269	43.1	1.16	84.2		32.7	6.7	3.8
PhytoGen	PX3A96W3FE	1229	41.8	1.16	84.3		33.5	6.5	3.9
AVERAGES		1455	45.2	1.17	83.9		33.2	7.0	3.8
L.S.D. (.10)		195	3.8	0.03	NS		1.4	0.6	0.3
C.V. (%)		11.5	7.2	2.1	1.2		3.1	6.2	5.0
STD. ERROR OF ENTRY MEAN		83.4	DF=126						

**Bold numbers are not statistically different**

Planted 6/14/17 55,000 seed per acre on 38 inch rows 40 foot plots  
Harvested 10/18/17  
GPS N33 21'00.110" W 81 18'03.879"