

2018 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 UNIF. RATIO (PCT)	FIBER STRENGTH (G/TEX)	ELONGATION	MIKE (READING)
Deltapine	DP 1840 B3XF	1350	47.4	1.15	82.4	31.7	4.7	4.0
PhytoGen	PX3B09W3FE	1311	52.8	1.16	83.5	30.1	4.5	4.2
Stoneville	ST 5020GLT	1262	47.3	1.16	83.8	30.8	4.9	4.0
PhytoGen	PX4A69W3FE	1239	45.9	1.16	81.7	29.9	4.7	4.1
Deltapine	DP 1646 B2XF	1230	44.8	1.13	82.6	28.7	5.3	4.1
PhytoGen	PHY 340 W3FE	1193	47.8	1.16	82.7	29.3	4.5	4.0
Deltapine	DP 1538 B2XF	1182	46.2	1.13	83.7	30.3	5.0	4.1
Dyna-Gro	DG 3635 B2XF	1182	45.8	1.16	83.3	28.7	5.3	4.2
Dyna-Gro	DG 17330 B3XF	1181	45.8	1.14	82.4	29.8	4.7	4.2
PhytoGen	PX4A64W3FE	1175	45.6	1.15	83.5	31.5	3.8	4.3
PhytoGen	PX3B07W3FE	1166	45.4	1.14	82.0	30.0	4.5	4.0
Dyna-Gro	DG CPS 18503C B3	1165	47.3	1.13	82.6	31.2	5.2	4.2
PhytoGen	PHY 330 W3FE	1162	49.8	1.14	83.1	29.7	4.9	4.1
Dyna-Gro	DG 3757 B2XF	1159	46.1	1.13	82.5	30.0	5.0	4.2
Dyna-Gro	DG CPS 18827 B3X	1157	46.2	1.12	83.5	29.4	5.3	4.1
Stoneville	ST 6182GLT	1151	44.8	1.14	82.3	31.2	4.7	3.9
Dyna-Gro	DG 3605 B2XF	1148	45.1	1.12	82.4	30.3	5.1	4.2
NexGen	NG 5007 B2XF	1116	45.7	1.16	84.0	28.1	4.8	4.2
Deltapine	DP 1747NR B2XF	1115	45.0	1.13	82.2	29.7	5.3	4.3
PhytoGen	PHY 480 W3FE	1112	45.7	1.14	83.2	29.3	4.9	4.0
PhytoGen	PHY 300 W3FE	1105	45.4	1.14	83.0	31.8	4.5	4.0
NexGen	NG 5711 B3XF	1103	46.3	1.10	81.5	29.8	5.0	4.2
Deltapine	DP 1851 B3XF	1099	42.6	1.11	82.5	30.9	5.3	4.1
Stoneville	ST 5517GLTP	1095	45.0	1.14	82.9	30.4	4.6	4.3
CROPLAN	3885 B2XF	1082	44.9	1.15	82.2	31.9	4.9	3.9
Stoneville	BX 1976GLTP	1075	49.0	1.13	82.3	30.9	4.7	4.0
Stoneville	BX 1974GLTP	1075	45.4	1.13	83.0	29.0	4.6	4.2
PhytoGen	PHY 430 W3FE	1073	46.6	1.14	82.5	27.9	4.9	4.2
Deltapine	DP 1835 B3XF	1065	44.3	1.11	82.0	29.3	4.6	4.2
CROPLAN	9608 B3XF	1043	47.3	1.13	83.0	30.1	4.0	4.3
PhytoGen	PHY 320 W3FE	1034	46.8	1.13	82.5	30.5	4.6	4.3
PhytoGen	PX5D28BW3FE	1027	48.4	1.13	83.2	30.0	4.3	4.2
PhytoGen	PHY 530 W3FE	1024	44.3	1.12	82.2	29.3	5.3	4.2
PhytoGen	PX3C06W3FE	1010	43.3	1.12	82.2	29.4	4.4	4.2
Stoneville	BX 1975GLTP	1005	46.3	1.13	82.2	28.8	4.7	3.9
Stoneville	ST 5122GLT	1005	44.7	1.12	81.2	28.9	4.8	4.1
PhytoGen	PHY 580 W3FE	1000	47.1	1.11	82.2	29.6	5.2	4.4
Dyna-Gro	DG 3526 B2XF	993	44.4	1.10	82.2	31.1	4.4	4.2
PhytoGen	PHY 350 W3FE	986	44.5	1.10	82.6	30.2	4.5	4.2
Stoneville	ST 5818GLT	982	44.0	1.12	81.9	29.7	4.5	4.2
WinField United	18XK9 B3XF	954	40.3	1.16	83.2	31.0	4.6	4.2
Stoneville	ST 5471GLTP	945	43.8	1.10	82.7	29.7	4.8	4.3
PhytoGen	PHY 440 W3FE	932	43.5	1.09	82.6	29.3	5.3	4.2
Stoneville	BX 1973GLTP	927	46.0	1.10	81.6	28.9	4.9	4.2
AVERAGES		1100	45.8	1.13	82.6	29.9	4.8	4.1
L.S.D. (.10)		NS	NS	NS	NS	NS	NS	NS
C.V. (%)		15.7	9.3	3.4	1.4	5.6	16.1	6.0
STD. ERROR OF ENTRY MEAN		86.2	DF=129					

Bold numbers are not statistically different

* Estimated yield loss of 30% due to Hurricane Michael