

2018 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 UNIF. RATIO (PCT)	FIBER STRENGTH (G/TEX)	ELONGATION	MIKE (READING)
PhytoGen	PX4A69W3FE	1396	45.7	1.14	81.4	29.5	4.1	4.3
PhytoGen	PX5D28BW3FE	1294	44.1	1.14	83.1	31.4	5.6	4.1
PhytoGen	PX3B07W3FE	1275	42.7	1.14	83.2	34.5	3.5	4.0
PhytoGen	PHY 480 W3FE	1259	41.9	1.14	82.9	31.6	4.2	3.9
PhytoGen	PHY 300 W3FE	1257	43.8	1.14	83.6	33.2	4.9	3.8
PhytoGen	PX3B09W3FE	1252	43.5	1.14	82.1	33.2	3.7	3.8
Stoneville	ST 5471GLTP	1244	42.5	1.17	84.0	31.8	5.1	3.9
NexGen	NG 4689 B2XF	1224	44.8	1.17	81.9	29.3	3.9	3.8
Stoneville	BX 1976GLTP	1223	45.4	1.15	82.4	31.1	3.8	4.0
PhytoGen	PHY 330 W3FE	1217	44.4	1.14	82.7	31.1	4.6	3.7
PhytoGen	PHY 350 W3FE	1212	43.0	1.13	83.3	30.7	5.1	4.1
PhytoGen	PX4A64W3FE	1211	39.7	1.13	81.9	30.7	4.2	4.1
Stoneville	BX 1974GLTP	1209	45.9	1.13	81.1	31.0	4.3	4.0
Stoneville	ST 5517GLTP	1201	43.5	1.12	82.7	31.6	5.1	4.3
PhytoGen	PHY 430 W3FE	1194	43.6	1.13	82.3	30.6	4.5	4.0
PhytoGen	PX3C06W3FE	1177	43.6	1.13	81.4	30.2	4.1	3.9
NexGen	NG 3522 B2XF	1164	45.0	1.16	83.4	30.4	5.5	4.1
PhytoGen	PHY 320 W3FE	1157	41.8	1.12	82.1	30.9	5.3	3.9
Stoneville	BX 1973GLTP	1139	46.1	1.11	83.0	29.3	5.3	4.2
PhytoGen	PHY 340 W3FE	1134	43.2	1.11	82.7	33.9	4.4	4.1
NexGen	NG 4601 B2XF	1117	45.0	1.15	83.0	29.3	5.1	4.4
Stoneville	ST 5818GLT	1098	42.6	1.10	81.7	29.9	3.6	4.4
Stoneville	BX 1975GLTP	1071	43.7	1.10	82.0	28.6	4.8	4.3
Stoneville	ST 4949GLT	1070	45.6	1.10	83.0	30.2	4.5	4.3
Stoneville	ST 5122GLT	1054	43.0	1.10	81.4	29.8	5.2	4.2
NexGen	AMX 1801 B3XF	1051	42.2	1.15	82.6	32.8	4.4	4.1
Deltapine	DP 1820 B3XF	1048	45.5	1.19	83.6	32.5	2.9	4.4
NexGen	NG 3729 B2XF	1043	44.1	1.14	82.6	30.4	4.7	4.0
PhytoGen	PHY 530 W3FE	1039	42.7	1.11	82.6	30.6	4.3	4.0
NexGen	NG 4777 B2XF	1008	45.6	1.12	82.2	31.4	2.7	4.0
Monsanto	17R829B3XF	1005	43.2	1.13	82.7	29.5	3.6	4.2
NexGen	NG 3699 B2XF	1002	44.3	1.11	81.5	30.3	3.0	4.1
Stoneville	ST 4848GLT	986	44.5	1.10	80.8	31.0	4.9	3.9
CROPLAN	9178 B3XF	976	47.1	1.11	83.1	32.2	4.2	3.6
Stoneville	ST 6182GLT	956	47.4	1.10	81.7	30.0	4.8	3.8
PhytoGen	PHY 580 W3FE	948	42.5	1.10	83.1	32.3	4.9	4.1
PhytoGen	PHY 440 W3FE	935	44.2	1.09	82.3	28.7	4.4	4.2
Stoneville	ST 5020GLT	889	43.3	1.08	81.6	29.0	4.7	4.1
NexGen	NG 3780 B2XF	888	39.5	1.09	81.9	27.2	4.9	4.1
Dyna-Gro	DG 3214B2XF	871	41.9	1.14	83.1	29.2	5.8	4.4
Deltapine	DP 1725 B2XF	840	45.1	1.12	81.6	29.8	4.0	4.1
Monsanto	17R821B3XF	773	46.8	1.09	81.7	29.7	7.1	4.2
AVERAGES		1098	43.9	1.12	82.4	30.7	4.5	4.1
L.S.D. (.10)		162	3.4	0.05	1.7	1.6	0.5	0.3
C.V. (%)		12.6	6.6	3.1	1.5	3.8	8.2	5.2
STD. ERROR OF ENTRY MEAN		69	DF=123					

Bold numbers are not statistically different

* Estimated yield loss of 30% due to Hurricane Michael