

TABLE . 2022 IRRIGATED COTTON TRIAL - EDISTO REC - BLACKVILLE, SC

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	ST5600B2XF	1579	40.2	1.21	84.7	33.8	8.5	5.1
Deltapine	DP2012B3XF	1567	40.1	1.20	83.8	32.1	6.8	4.7
Dyna-Gro	H959B3XF	1551	38.9	1.22	84.0	32.1	7.7	4.9
Dyna-Gro	DG3799B3XF	1543	41.9	1.22	83.7	33.2	7.6	4.6
Deltapine	DP2038B3XF	1510	43.8	1.14	83.3	31.7	7.7	4.4
Deltapine	20R745NRB3XF	1496	42.8	1.21	83.7	33.9	6.9	4.3
Dyna-Gro	DG3528B3XF	1475	41.2	1.22	84.8	31.0	8.4	3.9
NEXGEN	NG4190B3XF	1460	43.3	1.16	83.4	30.6	7.8	4.5
PhytoGen	PX1150B434-04W3FE	1438	40.8	1.19	83.3	34.1	8.0	4.6
Stoneville	BX2394B3XF	1437	40.9	1.18	83.2	32.1	8.5	4.3
PhytoGen	PX1150B437-04W3FE	1436	40.3	1.15	83.2	34.8	7.7	4.9
PhytoGen	PX1140A385-04W3FE	1433	41.0	1.14	83.6	34.7	8.8	4.6
PhytoGen	PX1150B431-04W3FE	1430	39.8	1.16	83.2	35.6	8.4	4.7
Armor	9831B3XF	1425	40.2	1.17	82.1	32.9	9.0	4.6
Deltapine	DP 2333 B3XF	1424	41.2	1.15	81.9	29.1	7.7	4.6
Deltapine	DP1646B2XF	1421	42.3	1.24	83.2	30.1	8.8	4.7
PhytoGen	PX1150B435-04W3FE	1410	36.9	1.17	83.6	34.3	9.3	4.8
Deltapine	DP2115B3XF	1393	41.3	1.16	83.2	30.9	8.7	4.7
PhytoGen	PX1150A450-04W3FE	1390	39.9	1.16	83.4	33.6	7.7	4.6
Stoneville	ST4990B3XF	1375	42.0	1.20	85.5	31.0	9.2	4.4
PhytoGen	PHY545W3FE	1374	41.4	1.13	83.5	32.5	8.6	4.2
Stoneville	BX2396B3XF	1370	40.1	1.21	84.6	32.1	8.0	4.5
Deltapine	DP2020B3XF	1359	39.7	1.21	84.7	31.8	6.7	4.5
Stoneville	BX2398B3XF	1353	40.5	1.21	83.6	30.1	7.8	4.6
Deltapine	DP2127B3XF	1351	37.9	1.11	83.4	30.8	7.6	4.9
Armor	9371B3XF	1348	39.0	1.16	84.2	30.0	8.2	4.4
Dyna-Gro	DG3519B3XF	1343	43.5	1.21	84.3	32.4	7.7	4.8
Deltapine	DP2141NRB3XF	1327	38.8	1.15	82.5	35.2	8.5	4.6
PhytoGen	PHY360W3FE	1320	43.9	1.17	82.7	30.7	7.0	4.5
NEXGEN	NG3299B3XF	1318	44.6	1.15	82.8	34.8	7.4	4.8
Stoneville	ST4595B3XF	1315	41.2	1.18	81.7	30.3	8.8	4.7
Stoneville	BX2392B3XF	1313	41.6	1.13	82.1	31.1	8.0	4.2
PhytoGen	PHY332W3FE	1302	42.3	1.20	83.9	33.6	8.1	4.5
Dyna-Gro	DG3456B3XF	1296	40.4	1.19	83.6	30.4	8.0	4.3
PhytoGen	PHY415W3FE	1296	39.8	1.19	84.0	33.1	7.9	4.3
PhytoGen	PHY443W3FE	1295	40.0	1.16	85.0	35.0	8.3	4.4
PhytoGen	PHY411W3FE	1292	40.8	1.12	81.5	33.6	8.6	4.5
NEXGEN	NG3195B3XF	1279	42.3	1.17	82.9	32.0	7.0	4.4
PhytoGen	PHY400W3FE	1277	41.5	1.16	83.1	31.8	7.3	4.2
Deltapine	DP2349NRB3XF	1272	41.2	1.16	82.3	31.1	7.5	4.7
Stoneville	ST5091B3XF	1268	40.4	1.13	82.5	29.3	6.9	4.2
NEXGEN	NG5150B3XF	1261	39.7	1.19	83.1	31.9	7.6	4.8
Deltapine	DP2239B3XF	1227	39.5	1.22	83.6	31.6	8.5	4.5
Dyna-Gro	DG3511B3XF	1110	37.9	1.13	83.5	32.5	8.9	5.0
AVERAGES		1374	40.8	1.17	83.4	32.2	8.0	4.5
L.S.D. (.10)		165	NS	0.05	2.0	2.0	0.8	0.3
C.V. (%)		10.3	7.9	2.7	1.5	3.8	6.4	4.7
STD. ERROR OF ENTRY MEAN		70.5	DF=129					

Bold numbers are not statistically different at the 0.10 level of probability

Location: Edisto Research and Education Center, Blackville, SC

Soil Type: Barnwell Loamy Sand

GPS Coordinates: 33° 20'50.93" N 81° 18'17.08" W

Planted: May 18, 2022

Harvested: October 25, 2022