

TABLE . 2022 DRY LAND 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)			
Armor	9371B3XF	<b>1888</b>	<b>44.6</b>	1.16	83.0	30.0	8.6	4.5
Deltapine	DP1646B2XF	<b>1883</b>	<b>45.3</b>	<b>1.26</b>	<b>84.3</b>	31.0	<b>9.1</b>	4.4
Dyna-Gro	H959B3XF	<b>1867</b>	39.0	<b>1.21</b>	83.1	32.8	7.7	4.2
Deltapine	DP2127B3XF	<b>1807</b>	<b>44.0</b>	1.18	<b>85.3</b>	33.4	7.3	<b>4.6</b>
Deltapine	DP2020B3XF	<b>1769</b>	42.1	<b>1.21</b>	83.7	31.5	7.8	4.1
Deltapine	DP 2333 B3XF	<b>1759</b>	<b>43.9</b>	1.16	82.1	29.7	7.8	4.4
Deltapine	DP2038B3XF	<b>1758</b>	<b>43.4</b>	1.14	82.8	31.5	8.4	4.5
Deltapine	DP2012B3XF	1720	<b>43.8</b>	<b>1.24</b>	<b>86.0</b>	33.5	7.4	4.5
Dyna-Gro	DG3799B3XF	1714	40.5	<b>1.21</b>	<b>84.8</b>	33.3	8.2	4.3
Stoneville	BX2394B3XF	1676	41.1	1.20	83.1	33.9	8.4	4.0
Armor	9831B3XF	1655	<b>42.8</b>	1.17	82.2	32.7	<b>9.3</b>	<b>4.6</b>
PhytoGen	PX1150B434-04W3FE	1635	40.4	1.17	83.5	34.3	8.1	4.3
Stoneville	BX2396B3XF	1617	<b>42.8</b>	1.20	83.6	29.5	<b>9.3</b>	4.4
PhytoGen	PX1140A385-04W3FE	1609	42.1	1.15	83.4	35.0	<b>9.8</b>	4.4
Deltapine	DP2115B3XF	1580	39.6	1.18	83.4	31.5	<b>9.0</b>	4.5
NEXGEN	NG4190B3XF	1572	41.3	1.19	<b>84.5</b>	31.2	8.0	4.1
Stoneville	ST5091B3XF	1565	41.5	1.18	83.3	33.7	7.5	4.2
PhytoGen	PX1150B437-04W3FE	1564	39.6	1.19	83.3	35.2	8.6	<b>4.6</b>
Deltapine	DP2349NRB3XF	1562	41.6	1.19	83.1	32.2	8.4	4.2
PhytoGen	PX1150B431-04W3FE	1547	41.7	1.16	<b>84.3</b>	<b>37.6</b>	<b>9.0</b>	4.4
Dyna-Gro	DG3528B3XF	1531	41.2	1.20	83.1	32.6	8.1	3.9
Stoneville	ST4595B3XF	1530	39.6	1.18	82.5	30.3	<b>9.2</b>	4.2
Dyna-Gro	DG3511B3XF	1522	41.5	1.17	83.4	34.5	<b>9.0</b>	<b>4.6</b>
Stoneville	ST5600B2XF	1515	40.7	1.18	83.3	32.3	<b>9.0</b>	<b>5.0</b>
NEXGEN	NG5150B3XF	1512	39.0	1.18	82.4	31.5	8.2	4.3
Deltapine	DP2239B3XF	1510	39.7	1.20	83.3	32.0	8.5	4.2
Deltapine	DP2141NRB3XF	1507	40.2	1.18	82.7	34.4	8.1	<b>4.6</b>
PhytoGen	PHY443W3FE	1504	39.9	1.16	<b>84.5</b>	34.9	8.4	4.1
Dyna-Gro	DG3519B3XF	1497	41.0	<b>1.24</b>	<b>85.1</b>	33.4	7.9	<b>4.7</b>
PhytoGen	PHY332W3FE	1489	40.8	1.20	83.5	33.2	8.5	4.2
PhytoGen	PX1150B435-04W3FE	1481	40.6	1.17	82.9	33.0	8.1	4.3
PhytoGen	PHY415W3FE	1466	38.8	1.20	<b>84.7</b>	34.4	8.0	4.4
PhytoGen	PX1150A450-04W3FE	1456	39.4	1.16	<b>84.3</b>	34.1	8.5	4.4
Deltapine	20R745NRB3XF	1450	40.7	1.19	82.6	33.3	8.0	4.1
NEXGEN	NG3299B3XF	1447	<b>43.4</b>	1.18	83.4	<b>36.5</b>	7.7	4.2
PhytoGen	PHY545W3FE	1443	41.9	1.14	83.4	32.4	<b>9.1</b>	4.3
NEXGEN	NG3195B3XF	1434	40.0	1.17	<b>84.2</b>	32.8	8.2	4.4
PhytoGen	PHY360W3FE	1434	40.0	1.17	83.1	30.5	7.7	4.3
Dyna-Gro	DG3456B3XF	1416	40.2	1.18	83.2	30.1	8.4	4.5
PhytoGen	PHY411W3FE	1406	39.9	1.15	83.6	35.0	<b>9.0</b>	4.4
Stoneville	ST4990B3XF	1388	38.6	1.16	83.2	31.3	<b>9.1</b>	4.4
Stoneville	BX2392B3XF	1300	38.2	1.20	83.9	31.1	8.5	4.2
PhytoGen	PHY400W3FE	1297	40.6	1.17	82.6	33.2	7.3	4.2
Stoneville	BX2398B3XF	1276	37.9	1.20	83.5	30.7	8.8	4.1
AVERAGES		1558	41.0	1.18	83.5	32.7	8.4	4.3
L.S.D. (.10)		158	2.9	0.05	1.7	1.0	0.8	0.4
C.V. (%)		8.6	6.0	2.7	1.3	3.9	5.7	6.2
STD. ERROR OF ENTRY MEAN		67.3	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°21'20.59"N 81°18'22.74"W

Planted: May 18, 2022

Harvested: October 25, 2022