

Table 3. Lint Yield, Gin Turnout, and Fiber Quality of Cotton Varieties Grown at the Allen Farms located in Latta, SC, in 2022. Dryland OVT. M. Jones.

Variety	Lint Yield lb/acre	Gin Turnout %	Fiber Length in.	Fiber Uniformity %	Fiber Strength g/tex	Elongation	Micronaire
ST 5091B3XF	1703	45.7	1.16	82.5	28.0	6.1	4.0
DP 2127B3XF	1625	46.9	1.11	83.3	28.4	6.3	4.6
DP 2038B3XF	1617	49.7	1.09	81.7	26.8	6.5	4.6
BX 2396B3XF	1591	45.9	1.15	83.5	27.7	7.1	4.4
BX 2394B3XF	1591	44.9	1.15	81.9	28.5	6.8	4.4
NG 4190B3XF	1585	46.6	1.15	84.0	29.1	6.4	4.2
BX 2392B3XF	1568	45.5	1.16	83.5	28.9	6.4	4.2
ST 4595B3XF	1561	46.4	1.17	82.7	28.7	7.1	4.4
DP 2333B3XF	1559	48.0	1.12	81.9	27.9	6.2	4.6
NG 3299B3XF	1532	46.9	1.13	84.1	30.9	6.3	4.7
DG 3456B3XF	1527	47.2	1.14	82.6	27.4	6.4	4.4
DP 2020B3XF	1516	44.1	1.17	83.2	29.7	6.1	4.4
NG 3195B3XF	1511	45.1	1.14	83.8	29.5	6.2	4.4
ST 4990B3XF	1507	43.1	1.20	84.4	29.2	7.2	4.2
DP 1646B2XF	1505	45.9	1.18	82.4	28.4	7.2	4.3
ARMOR 9371B3XF	1451	47.6	1.12	83.1	27.7	6.4	4.3
DP 2012B3XF	1448	45.0	1.16	83.2	29.1	6.3	4.4
DP 2115B3XF	1439	47.6	1.12	83.1	28.6	7.3	4.5
NG 5150B3XF	1426	45.4	1.14	81.7	28.3	6.2	4.2
BX 2398B3XF	1425	43.2	1.17	83.6	28.1	7.0	4.4
DG 3528B3XF	1417	45.9	1.15	83.3	28.5	7.1	4.3
DP 20R745NRB3XF	1416	45.6	1.16	81.5	29.4	6.3	4.1
DP 2239B3XF	1403	46.4	1.18	82.7	29.2	6.9	4.3
DP 2349NRB3XF	1398	46.8	1.13	82.7	28.7	6.5	4.6
DG 3511B3XF	1387	47.2	1.12	83.1	29.3	7.0	4.7
DP 2141NRB3XF	1383	46.6	1.16	82.6	30.4	6.4	4.8
DG 3519B3XF	1374	45.1	1.20	84.5	30.6	6.6	4.4
ARMOR 9831B3XF	1353	47.5	1.13	82.1	28.0	7.6	4.7
DG H959B3XF	1311	42.8	1.18	82.3	29.4	6.8	4.3
ST 5600B2XF	1225	45.7	1.16	82.7	29.9	6.8	4.9
DG 3799B3XF	1203	45.2	1.16	82.6	29.1	6.9	4.3
LSD (0.05)	229	1.8	0.04	1.3	1.6	0.3	0.3
C.V. (%)	11	2.8	2.69	1.1	4.0	3.1	5.6
Trial Mean	1467	46.0	1.15	82.9	28.8	6.7	4.4

Bold numbers are not statistically different at the 0.05 level of probability.

Location: Keith Allen Farm, Latta, SC

Soil Type: Dothan Loamy Fine Sand

GPS Coordinates: lat: 34.39147 ; long: -79.493126

Planted: April 28, 2022

Harvested: September 28, 2022