

Table 1. Lint Yield, Gin Turnout, and Fiber Quality of Cotton Varieties Grown at the PDREC located in Florence, 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
NG 4190B3XF	1224	46.4	1.19	82.7	32.2	6.3	4.9
PX 1150B437-04W3FE	1209	44.3	1.10	81.7	33.5	6.7	4.9
DP 2333B3XF	1199	47.1	1.16	81.2	31.4	6.0	5.1
DP 1646B2XF	1189	45.0	1.25	81.9	30.2	7.6	4.8
PX 1140B335-04W3FE	1188	46.9	1.15	83.5	34.2	7.8	5.2
DP 2038B3XF	1184	48.6	1.11	80.9	32.2	6.4	5.2
PX 1150A450-04W3FE	1183	44.9	1.14	82.6	35.2	7.3	5.0
ST 5091B3XF	1161	46.8	1.15	80.6	30.3	5.8	5.0
NG 3195B3XF	1146	45.3	1.12	81.5	32.7	6.0	4.9
DP 2127B3XF	1141	46.3	1.11	81.4	30.7	6.3	5.5
ARMOR 9831B3XF	1139	45.1	1.14	80.1	32.4	7.7	5.2
PHY 400W3FE	1130	46.4	1.13	80.9	32.5	6.2	4.8
DG 3528B3XF	1114	46.2	1.17	82.3	31.0	7.3	4.7
PHY 545W3FE	1112	46.8	1.15	82.2	33.9	7.0	4.9
ST 4990B3XF	1109	43.4	1.16	82.3	31.4	6.9	4.8
ARMOR 9371B3XF	1104	46.3	1.16	82.9	32.2	6.4	5.2
DP 2012B3XF	1093	44.7	1.18	82.7	32.9	6.1	4.8
PHY 443W3FE	1089	46.6	1.11	81.6	33.4	6.8	4.9
DP 2349NRB3XF	1086	47.0	1.15	82.4	32.8	6.5	5.0
DG 3456B3XF	1082	47.1	1.12	80.5	29.1	6.4	5.0
PHY 415W3FE	1065	44.6	1.21	82.3	34.4	6.7	4.9
DP 2141NRB3XF	1064	45.2	1.17	81.6	32.7	6.7	5.3
BX 2398B3XF	1056	44.9	1.20	80.8	31.0	6.9	5.2
DP 2115B3XF	1049	46.4	1.12	81.9	31.4	7.0	5.0
DG 3799B3XF	1042	45.2	1.18	80.4	32.1	6.9	5.1
DP 2239B3XF	1041	47.3	1.16	81.2	31.3	6.7	4.9
DP 20R745NRB3XF	1035	45.3	1.22	82.7	35.7	6.4	5.0
DG H959B3XF	1031	42.2	1.20	82.0	33.6	6.7	4.9
BX 2396B3XF	1024	47.1	1.15	80.1	29.8	7.0	5.3
NG 3299B3XF	1022	46.0	1.15	82.2	34.3	6.2	5.1
BX 2392B3XF	1004	45.3	1.17	82.8	31.4	6.3	4.7
ST 5600B2XF	1002	45.7	1.14	82.1	33.4	7.2	5.5
PHY 411W3FE	1000	47.0	1.09	81.6	33.8	6.5	5.0
PHY 332W3FE	984	46.0	1.16	80.8	32.1	6.6	4.9
NG 5150B3XF	977	44.9	1.18	81.3	32.1	6.3	5.0
PX 1140B373-04W3FE	964	43.5	1.18	83.7	35.4	8.2	4.9
ST 4595B3XF	962	47.0	1.15	81.4	32.7	6.6	5.1
PX 1130B336-04W3FE	960	45.0	1.14	82.3	35.5	6.6	4.8
PX 1130B333-04W3FE	949	44.4	1.17	82.7	35.7	6.5	4.7
DG 3519B3XF	942	45.6	1.15	82.4	32.5	6.5	4.8
DP 2020B3XF	939	43.2	1.23	82.6	33.2	6.0	4.8
DG 3511B3XF	933	46.2	1.15	82.9	33.4	7.1	5.3
BX 2394B3XF	893	43.8	1.18	81.2	32.1	6.9	4.8
PHY 360W3FE	862	44.8	1.14	80.6	32.3	6.0	4.9
LSD (0.05)	195	1.4	0.06	1.9	1.9	0.4	0.2
C.V. (%)	13	2.3	3.1	1.6	4.2	3.8	2.9
Trial Mean	1061	45.6	1.16	81.8	32.6	6.7	5.0

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

Location: Pee Dee Research & Education Center
 Soil Type: Norfolk Loamy Sand
 GPS Coordinates: lat: 34.297497; long: -79.742630
 Planted: May 2, 2022
 Harvested: October 4, 2022