

Average Performance of Cotton Varieties Across Locations - 2018

Variety	Lint Yield (lb/acre)	sign	Lint (%)	Plant Height (in)	Bolls Opened (%)	UHM S.L. (in)	Uniformity Index (%)	T1 (g/tex)	MIKE	Elongation
ST 4550GLTP	1204	**	48.0	51	63	1.17	84.3	31.6	4.5	7.0
PHY 312 WRF	1178	*	45.5	44	66	1.17	84.3	30.9	4.5	6.6
PHY 330W3FE	1176	*	46.9	45	62	1.15	83.4	30.5	4.4	6.3
DP 1646 B2XF	1160	*	46.6	48	65	1.23	83.9	30.1	4.3	7.1
PHY 340W3FE	1145	*	47.4	45	64	1.15	84.1	29.5	4.4	6.5
PHY 300W3FE	1132	*	46.3	51	61	1.14	83.0	30.0	4.3	6.5
ST 5471GLTP	1111	*	44.6	46	56	1.14	82.1	29.4	4.4	6.6
ST 4949GLT	1090		48.0	48	54	1.12	82.5	29.2	4.6	6.7
NG 4936 B3XF	1089		42.8	47	61	1.22	85.0	29.6	4.5	7.2
PHY 480W3FE	1087		45.6	42	56	1.15	83.9	29.5	4.3	7.3
PHY 430W3FE	1084		46.2	45	56	1.10	82.5	30.3	4.3	6.8
ST 5020GLT	1073		44.1	45	60	1.21	84.1	31.7	4.6	6.9
NG 5007 B2XF	1067		45.1	48	64	1.15	82.9	28.1	4.4	7.1
NG 3522 B2XF	1063		44.8	44	57	1.10	82.1	27.0	4.6	6.6
DP 1916B3XF	1048		46.1	46	61	1.15	82.7	30.6	4.5	6.4
ST 5818GLT	1047		44.0	45	62	1.20	83.6	31.7	4.4	6.2
DG 1702GLT	1043		45.0	43	63	1.14	82.8	29.3	4.3	6.8
DP 1538 B2XF	1040		46.0	52	56	1.13	83.7	29.3	4.5	7.1
NG 5711B3XF	1039		44.4	50	58	1.18	82.2	30.4	4.3	6.7
DP 1851 B3XF	1038		45.1	50	47	1.19	84.3	33.2	4.2	7.5
ST 6182GLT	1034		48.0	51	56	1.16	83.5	28.7	4.5	6.7
DG 3605B2XF	1033		45.3	50	56	1.26	83.8	31.5	4.3	7.0
PHY 580W3FE	1033		47.4	47	48	1.15	83.0	30.9	4.3	6.9
ST 4848GLT	1027		46.3	48	61	1.16	84.1	30.7	4.7	6.5
DP 1747NR B2XF	1012		46.6	49	50	1.13	82.9	30.9	4.6	6.5
NG 4601 B2XF	1008		46.1	50	54	1.19	84.9	32.6	4.8	6.7
DP 1840 B3XF	1005		44.7	49	52	1.21	83.6	31.7	4.4	6.7
NG 3729 B2XF	1004		43.6	49	66	1.18	84.0	29.9	4.6	7.0

ST 5517GLTP	999		43.4	46	58	1.19	83.8	32.5	4.3	6.3
ST 5122GLT	999		44.8	46	57	1.15	82.6	30.2	4.3	6.6
DG 3214B2XF	996		44.5	47	54	1.16	84.3	30.0	4.7	7.2
DG 3526B2XF	990		46.1	49	59	1.14	84.1	28.0	4.6	8.0
DP 1725 B2XF	979		47.1	47	57	1.17	83.6	30.5	4.5	6.3
DP 1835 B3XF	964		46.4	46	61	1.16	82.8	31.0	4.5	6.0
NG 4689 B2XF	954		43.9	49	60	1.14	83.2	30.3	4.7	5.8
DP 1820 B3XF	934		45.6	47	56	1.18	82.6	31.8	4.6	6.1
NG 4777 B2XF	922		43.8	48	56	1.16	82.7	31.7	4.5	5.7
PHY 440W3FE	912		45.5	43	57	1.20	83.7	32.6	4.1	6.4
NG 3699 B2XF	900		43.6	43	61	1.19	83.0	30.7	4.6	6.1
NG 3780 B2XF	829		43.2	46	58	1.18	82.7	31.3	4.6	6.9
MEAN	1033		45.5	48	59	1.17	83.4	30.5	4.4	6.6
C.V.(%)	.		.	.	.	.	.	.	.	.
BLSD(K=50)	.		.	.	.	.	.	.	.	.
S.E.	.		.	.	.	.	.	.	.	.

****Highest yielder. *Not significantly different from highest yielder.**

Based on data from 5 locations