

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
PX4A64W3FE	1147	*	46.1	47	53	1.15	84.5	32.2	4.3	6.6
PX3B07W3FE	1145	*	47.5	42	62	1.18	83.5	31.3	4.4	6.3
PHY 340W3FE	1145	*	47.4	45	64	1.15	84.1	29.5	4.4	6.5
BX 1974GLTP	1141	*	47.8	51	61	1.17	83.9	29.6	4.5	7.0
PHY 300W3FE	1132	*	46.3	51	61	1.14	83.0	30.0	4.3	6.5
PX3A82W3FE	1124	*	45.5	41	66	1.16	85.1	30.4	4.3	6.9
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
PX3A99W3FE	1087		44.7	47	59	1.18	84.8	31.9	4.5	6.6
PHY 480W3FE	1087		45.6	42	56	1.15	83.9	29.5	4.3	7.3
PX3B09W3FE	1085		46.3	42	56	1.17	82.7	31.6	4.3	6.3
PHY 430W3FE	1084		46.2	45	56	1.10	82.5	30.3	4.3	6.8
PX3C06W3FE	1076		45.8	48	65	1.17	82.8	29.2	4.5	6.4
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
BX 1975GLTP	1060		46.9	47	64	1.17	84.0	30.4	4.7	7.0
AMX 1817 B3XF	1057		46.1	45	65	1.17	83.9	29.4	4.6	6.9
PX5D28BW3FE	1054		46.6	50	52	1.16	83.6	32.6	4.1	6.1
AMX 1819 B3XF	1048		44.1	46	61	1.14	83.0	28.3	4.6	6.9
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

BX 1976GLTP	1046		46.8	47	53	1.15	83.4	31.8	4.7	6.0
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
PX4A69W3FE	1038		46.6	48	51	1.17	83.1	31.5	3.9	6.5
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
PX5B73W3FE	964		44.9	48	60	1.14	82.7	30.3	4.3	6.5
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
AMX 1815 B3XF	914		42.9	42	65	1.13	83.2	31.7	4.0	6.3
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
AMX 1816 B3XF	896		41.3	50	65	1.20	83.5	29.9	4.3	6.0
MON 17R829B3XF	883		46.2	52	52	1.14	81.2	29.5	4.4	5.8
MON 17R821B3XF	877		46.9	50	57	1.14	83.6	29.5	4.5	7.8
AMX 1818 B3XF	854		44.0	49	62	1.19	85.0	31.2	4.7	7.2

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
Based on data from 5 locations**

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