

TABLE 5-2. Two-Year Statewide Average Performance of OVT Cotton Varieties - 2018-2019

VARIETY	LINT YIELD (lb/acre)	LINT (%)	PLANT HEIGHT (in)	BOLLS OPENED (%)	UHM S.L. (in)	UNIFORMITY INDEX	T1 (g/tex)	MIKE	ELONGATION
ST 4550GLTP	1301**	47.1	46	57	1.15	83.5	32.6	4.52	7.8
PHY 312 WRF	1285 *	45.0	42	61	1.16	83.8	32.1	4.5	7.2
PHY 340 W3FE	1285 *	46.9	42	58	1.14	83.9	31.1	4.5	7.0
DP 1646B2XF	1253 *	46.2	46	55	1.22	83.6	30.5	4.4	7.6
NG 4936 B3XF	1239 *	42.8	42	57	1.21	84.4	30.5	4.5	7.7
DG 1702 GLT	1237 *	44.6	42	55	1.13	82.3	30.8	4.4	7.3
ST 5471GLTP	1236 *	43.9	42	49	1.15	82.5	31.4	4.4	7.2
DP 1538B2XF	1212	45.7	48	51	1.10	83.1	28.8	4.7	7.8
DP 1851B3XF	1210	45.0	47	42	1.17	83.8	33.6	4.3	7.8
PHY 480 W3FE	1207	45.0	40	48	1.15	84.1	30.5	4.2	7.9
PHY 350 W3FE	1205	44.6	43	56	1.16	84.1	31.9	4.5	7.3
ST 5122GLT	1204	44.2	43	53	1.14	82.3	31.2	4.4	7.1
PHY 580W3FE	1190	46.7	43	45	1.14	83.0	31.1	4.3	7.4
DP 1725B2XF	1184	46.3	43	54	1.16	83.0	30.8	4.5	6.7
DP 1916B3XF	1183	45.9	44	52	1.14	83.2	32.4	4.5	6.9
ST 4848GLT	1183	45.6	45	53	1.15	83.7	31.0	4.6	6.6
DP 1835B3XF	1181	46.4	43	51	1.16	82.7	31.6	4.4	6.4
NG 3729B2XF	1165	43.3	46	57	1.18	83.9	30.5	4.7	7.6
DG 3526B2XF	1163	46.0	45	53	1.13	83.9	29.2	4.6	8.4
DG 3605 B2XF	1162	45.4	46	54	1.23	83.5	31.6	4.4	7.5
DP 1840B3XF	1160	43.7	45	45	1.21	83.6	32.5	4.3	7.1
NG 3994 B3XF	1159	45.9	41	58	1.15	83.0	30.0	4.6	7.3
NG 5711B2XF	1155	44.1	45	49	1.19	83.2	31.7	4.3	7.2
NG 3522 B2XF	1140	43.9	42	54	1.10	82.1	27.8	4.5	7.1
AMX 1818B3XF	1035	43.6	46	55	1.17	84.1	32.7	4.7	7.6
AMX 1816B3XF	1018	40.4	45	55	1.19	83.6	31.5	4.1	6.2

MEAN	1186	44.9	44	53	1.16	83.4	31.1	4.5	7.3
C.V.(%)	8	.	.	.	.	.	.	.	.
BLSD(K=50)	73	.	.	.	.	.	.	.	.
S.E.	30	.	.	.	.	.	.	.	.

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

Based on data from 12 environments