

TABLE 5.3 AVERAGE PERFORMANCE OF CONVENTIONAL COTTON VARIETIES ACROSS LOCATIONS -

VARIETY OR BRAND VARIETY	LINT YIELD LB/ACRE	sign	LINT %	PLANT HEIGHT INCHES	PERCENT BOLLS OPENED
PHY 312 WRF	1754	**	45.2	46	34
DP 1538B2XF	1520	*	45.9	49	22
ST 4848GLT	1481	*	45.6	47	34
UA 48	1293		40.1	43	33
Seed Source HQ210CT	1267		41.2	45	32
Seed Source Genetics UA222	1248		42.7	44	29
AT 558	955		41.7	43	32
MEAN	1360		43.2	45	31

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

2 locations

TABLE 5.3 AVERAGE PERFORMANCE OF TRANSGENIC COTTON VARIETIES ACROSS LOCATIONS - 2017

VARIETY OR BRAND VARIETY	LINT YIELD LB/ACRE	sign	LINT %	PLANT HEIGHT INCHES	PERCENT BOLLS OPENED	UHM S.L. (IN.)	UNIFORMITY INDEX	T1 (G/TEX)	MIKE	ELONGATION
DP 1555 B2RF	1414	**	45.6	42	56		75.4	27.1	4.0	7.2
PHY 430 W3FE***	1389		46.1	34	63		75.1	26.05	3.9	7.5
DP 1646B2XF	1379	*	45.8	42	63		74.9	24.9	3.9	7.4
PHY 330 W3FE	1372	*	46.1	39	68		75.0	26.2	4.0	7.0
PHY 480 W3FE	1364	*	44.9	35	62		75.3	25.3	3.9	8.1
PHY 300 W3FE	1362	*	46.0	38	63		75.5	26.2	4.0	7.2
CPS 1702 GLT	1356	*	44.1	37	59		74.4	25.8	3.8	7.1
PHY 312 WRF	1348	*	43.8	38	68		75.5	25.5	4.0	7.1
PHY 340 W3FE	1343	*	46.8	39	66		74.9	25.4	4.0	7.0
DP 1614B2XF	1338	*	46.1	36	70		75.8	25.6	4.4	8.1
PHY 440 W3FE	1324		45.3	36	58		75.5	28.6	3.8	6.6
ST 5517GLTP	1316		42.9	39	48		74.8	26.7	3.8	7.1
PHY 444 WRF	1315		44.9	36	53		76.3	27.1	3.5	6.5
ST 5020GLT	1305		43.6	36	60		75.6	26.9	3.9	7.4
ST 5115 GLT	1303		43.9	40	49		74.8	26.4	3.8	7.3
CROPLAN 9608 B3XF	1300		47.9	37	58		74.6	25.1	3.8	6.5
DP 1851B3XF	1287		45.4	41	52		75.8	27.3	3.8	8.0
DP 1820B3XF	1281		46.3	41	61		75.7	28.0	4.0	5.9
DP 1725B2XF	1276		46.6	40	61		74.9	25.3	3.9	6.4
DP 1840B3XF	1268		43.9	40	51		75.5	26.5	3.9	7.2
NG 5711 B3XF	1267		43.7	39	48		75.6	26.2	3.8	7.2

ST 6182 GLT	1264		47.2	40	54		75.1	25.2	4.0	7.2
CROPLAN 3885 B2XF	1246		44.7	42	49		74.3	24.7	4.1	8.1
ST 4848GLT	1242		44.4	39	60		74.4	25.7	3.9	7.2
NG 4601B2XF	1242		44.7	38	62		75.7	27.1	4.0	7.2
DG 3526B2XF	1240		45.6	38	60		74.5	23.8	4.1	8.8
CPS 16214 B2XF	1240		43.4	37	67		75.2	25.4	4.2	8.0
DP 1522B2XF	1239		43.9	40	63		75.1	25.8	4.2	8.7
DP 1538B2XF	1236		45.0	44	51		74.0	23.2	4.1	8.0
NG 4545B2XF	1234		43.0	41	61		75.0	27.8	4.2	6.1
DG 3605 B2XF	1232		45.1	39	55		75.1	25.3	3.9	7.5
PHY 490 W3FE	1231		44.4	39	58		76.0	28.1	4.0	8.4
DP 1639B2XF	1231		45.3	40	56		76.0	26.4	4.1	8.1
DP 1553B2XF	1225		44.5	41	46		74.8	24.4	4.0	7.9
NG 5007 B2XF	1220		44.0	42	59		74.5	23.8	4.0	7.8
CROPLAN 3475 B2XF	1219		42.8	34	66		75.2	25.9	4.0	8.3
NG 3522B2XF	1213		44.0	34	60		73.8	23.4	3.9	7.1
PHY 450 W3FE	1192		42.9	38	58		76.6	27.8	4.1	8.4
ST 4949GLT	1190		45.5	39	61		74.9	25.4	4.0	7.5
MEAN	1273		44.7	38	59		75.2	26.1	3.9	7.3

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

*** PHY 430 W3FE was not actually tested, it is a blend of PX4A54 and PX4A57 to be commercialized in 2018. The results here are an average of PX4A54 and PX4A57
7 locations