

TABLE 5.2A Two-Year Statewide (North Carolina) Average Performance of OVT Cotton - CONVENTIONAL VARIETIES 2015-2016

VARIETY OR BRAND VARIETY	LINT YIELD LB/ACRE	LINT %	PLANT HEIGHT INCHES	PERCENT BOLLS OPENED	UHM S.L. (IN.)
Seed Source Genetics UA222	935 **	44.1	36	42	1.22
Seed Source HQ210CT	923 *	42.6	37	48	1.14
MEAN	929	43.3	36	45	1.18
C.V.(%)	8	.	.	.	.
BLSD(K=50)	159	.	.	.	.
S.E.	35	.	.	.	.

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

C: 4 environments

TABLE 5.2B Two-Year Statewide (North Carolina) Average Performance of OVT Cotton - TRANSGENIC VARIETIES 2015-2016

VARIETY OR BRAND VARIETY	LINT YIELD LB/ACRE	LINT %	PLANT HEIGHT INCHES	PERCENT BOLLS OPENED	UHM S.L. (IN.)
DP 1646 B2XF	985 **	47.2	39	74	1.16
DP 1639 B2XF	972 *	47.1	37	70	1.10
DP 1558 NR B2RF	954 *	46.5	37	58	1.12
PHY 333 WRF	954 *	46.8	38	83	1.11
NG 3522 B2XF	948 *	46.4	33	78	1.05
DP 1522 B2XF	943 *	45.7	37	79	1.10
DP 1538 B2XF	941 *	46.9	37	70	1.07
DP 1614 B2XF	940 *	46.9	34	79	1.12
DP 1555 B2RF	928 *	47.2	37	67	1.10
PHY 312 WRF	927 *	46.0	36	82	1.12
PHY 499 WRF	927 *	46.1	37	76	1.09
PHY 495 W3RF	927 *	46.3	36	75	1.08
ST 4848 GLT	919	47.1	36	76	1.09
MON 15R513B2XF	917	44.8	37	81	1.12
ST 4946 GLB2	914	44.7	34	74	1.09
ST 6182 GLT	903	48.7	37	73	1.11
PHY 444 WRF	900	46.3	36	68	1.15
NG 3405 B2XF	899	45.6	33	79	1.05
NG 3406 B2XF	890	45.9	34	78	1.08
PHY 487 WRF	890	45.0	36	75	1.08
ST 5115 GLT	888	45.6	35	72	1.09
ST 4747 GLB2	874	45.0	33	79	1.11
DP 1553 B2XF	851	46.5	38	63	1.14
MEAN	921	46.3	36	74	1.10
C.V.(%)	8	.	.	.	.
BLSD(K=50)	65	.	.	.	.
S.E.	22	.	.	.	.

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

C: 4 environments