

# 2016 Cotton Performance Testing Results

University of Missouri - Delta Center

Clarkton Variety Trial

Location: Clarkton

Investigator: Andrea Phillips Jones

Planted May 3, 2016  
Harvested October 12, 2016

	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
ST 4946GLB2	1066 a	37 e-j	4.9 ab	1.15 d-i	83.9 a	32.8 abc	7.4 g-k	78.6 klm	8.4 ab	5 a d
UA 222	1007 ab	35 kl	4.8 a-e	1.22 a	83.9 ab	32.2 bcd	8.0 cde	79.0 h-m	7.8 e-h	4 abcd
ST 4747GLT	968 abc	37 g-k	4.7 a-i	1.14 d-i	81.8 j	29.8 j-m	5.7 o	79.7 e-i	7.2 k	4 ab d
PHY 312 WRF	954 a-d	38 b-g	4.7 b-j	1.15 c-i	83.7 abc	31.1 d-j	7.3 h-k	79.3 f-k	7.9 c-h	4 a-e
MON 16R229B2XF	918 a-e	38 b-g	4.9 ab	1.10 j	82.2 f-j	30.0 i-m	7.1 jkl	81.0 abc	7.3 jk	3 a-e
NG3522B2XF	913 a-e	39 bcd	4.6 d-j	1.10 j	82.1 hij	28.3 no	7.2 ijk	80.1 c-f	8.0 a-g	3 c-f
DP 1612 B2XF	902 a-f	34 l	4.6 d-j	1.15 d-i	82.9 a-j	31.5 c-h	8.0 bcd	78.8 i-m	8.1 a-f	5 a
DP 1614 B2XF	871 a-g	37 f-k	4.8 a-f	1.19 b	83.1 a-i	31.0 d-j	7.6 e-i	78.2 lmn	8.4 a	5 a
NG3406B2XF	861 a-g	37 d-i	4.7 b-j	1.10 j	82.9 a-j	29.6 klm	8.1 bc	79.0 g-l	8.0 b-h	3 a-e
NG5007B2XF	853 a-g	38 b-h	4.5 g-k	1.14 e-i	82.1 g-j	28.8 mno	7.6 d-i	79.1 g-l	8.1 a-f	1 g
AMX1606B2XF	852 a-g	34 l	4.4 h-k	1.15 c-h	82.4 d-j	32.6 abc	7.3 h-k	79.4 f-k	7.7 f-i	4 a-d
CG 3475 B2XF	837 a-g	36 kl	4.7 a-h	1.12 ij	82.4 d-j	31.2 d-i	7.7 c-g	78.3 lmn	8.1 a-e	4 a-e
ST 4848GLT	811 b-g	39 b-e	4.6 c-j	1.13 ghi	83.3 a-h	30.6 f-l	7.0 klm	79.0 h-m	8.0 b-h	4 ab
BX 1738GLT	810 b-g	37 f-k	4.6 d-j	1.18 bc	83.3 a-h	32.9 ab	7.3 h-k	78.6 j-m	8.0 a-g	3 a-e
Dyna-Gro CPS16214	786 b-h	38 b-h	5.0 a	1.15 c-i	83.4 a-g	30.9 d-k	7.8 c-f	77.5 n	8.2 a-e	4 a-d

Winfield 16XA7 B2XF	783 b-h	39 b-e	4.9 abc	1.16 b-f	83.5 a-e	30.3 h-l	7.6 e-i	77.9 mn	8.2 a-d	4 ab
NG3405B2XF	780 b-h	38 c-i	4.6 c-j	1.10 j	82.4 e-j	28.1 o	7.1 jkl	79.6 e-j	8.0 a-g	2 efg
AMX1604B2XF	780 b-h	36 ijk	4.7 b-j	1.13 hi	82.7 b-j	31.9 b-f	5.9 o	78.6 j-m	7.9 c-h	3 b-e
DP 1518 B2XF	778 b-h	36 h-k	4.2 kl	1.13 ghi	82.7 a-j	29.5 lmn	6.7 mn	79.0 g-l	7.4 ijk	4 ab
PHY 333 WRF	771 b-h	39 bc	4.5 h-k	1.15 c-i	82.1 ij	30.3 g-l	6.7 mn	78.1 lmn	8.4 ab	4 a-d
BX 1776GLTP	759 c-h	37 d-i	4.5 h-k	1.16 c-h	82.6 c-j	30.8 e-l	7.6 d-h	80.6 a-e	7.6 hij	2 efg
Dyna-Gro 3526 B2XF	751 c-h	39 b-f	4.4 ijk	1.14 f-i	82.9 a-j	30.3 g-l	8.4 ab	79.8 e-i	8.1 a-g	3 a-e
PHY 444 WRF	751 c-h	39 bcd	4.1 l	1.19 b	82.9 a-j	31.7 b-g	7.0 klm	80.0 c-g	7.9 c-h	4 a-e
BX 1775GLTP	749 c-h	37 e-j	4.4 jk	1.18 bc	82.1 g-j	30.5 f-l	7.9 cde	80.5 b-e	7.7 ghi	3 b-e
DP 1522 B2XF	747 c-h	37 e-j	5.0 ab	1.15 d-i	83.6 a-d	32.1 bcd	8.5 a	78.6 klm	7.9 c-h	4 abc
MON 15R535B2XF	740 c-h	41 a	4.7 b-j	1.14 f-i	82.6 c-j	28.9 mno	6.3 n	80.0 c-g	7.7 ghi	3 d-g
Dyna-Gro CT15684	709 d-h	38 b-g	4.5 f-j	1.16 b-g	82.8 a-j	31.5 c-h	7.1 j-m	80.0 d-g	8.3 abc	3 d-g
BX 1737GLT	699 e-h	38 c-i	4.9 a-d	1.17 bcd	83.4 a-g	30.7 e-l	7.5 f-j	79.9 e-h	7.7 f-i	2 fg
ST 5115GLT	662 f-i	36 h-k	4.4 h-k	1.12 ij	82.3 e-j	30.9 d-k	7.2 h-k	81.2 ab	7.1 k	3 b-e
HQ210CT	649 g-j	34 l	4.9 ab	1.10 j	82.5 c-j	32.0 b-e	7.1 j-m	80.3 b-f	7.8 e-h	2 efg
Dyna-Gro 3385 B2XF	633 g-j	40 b	5.0 a	1.14 f-i	83.9 ab	29.6 klm	7.8 c-f	78.9 i-m	8.4 ab	3 d-g
AMX1601B2XF	560 hij	39 b-e	4.6 d-j	1.17 b-e	83.4 a-g	32.9 ab	7.3 h-k	81.0 a-d	7.9 d-h	2 efg
Dyna-Gro 3544 B2XF	438 ij	36 jkl	4.8 a-g	1.16 b-g	83.4 a-f	33.5 a	6.3 n	81.5 a	7.2 k	3 c-f
BRS 335	423 j	34 l	4.5 e-j	1.16 b-g	82.5 c-j	31.5 c-h	6.8 lm	80.3 b-f	7.6 hij	4 a-d
LSD (P=.05)	202.9	0.013962778	0.25	0.0241	1.006	1.135	0.357	0.855	0.31	1.12
Standard Deviation	144.6	0.009951709	0.178	0.0172	0.717	0.809	0.254	0.609	0.221	0.8
CV	18.5	2.66	3.85	1.5	0.86	2.62	3.49	0.77	2.8	24.45

Grand Mean	781.5	0.373797428	4.639	1.1445	82.866	30.876	7.282	79.447	7.882	3.26
Means followed by same letter or symbol do not significantly differ (P=.05, Duncan's New MRT)										

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