

# 2016 Cotton Performance Testing Results

University of Missouri - Delta Center

Portageville Silt Irrigated Official Variety Trial

Location: Portageville

Investigator: Andrea Phillips Jones

Planted May 16, 2016  
Harvested October 19, 2016

	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
PHY 312 WRF	1688 a	39 d-g	3.9 efg	1.22 d-h	84.6 ab	32.2 d-g	6.6 lmn	78.4 j-n	7.9 d-h	5 a-f
BX 1738GLT	1624 ab	39 efg	4.0 d-g	1.25 bc	84.5 abc	34.0 ab	7.0 h-k	79.0 f-k	7.8 e-i	5 a-g
ST 4747GLT	1543 abc	37 fgh	4.3 a	1.23 d-g	83.1 g-m	30.8 i-l	5.4 q	80.0 a-e	7.3 jk	5 a-f
PHY 333 WRF	1506 a-d	39 cde	3.7 hij	1.23 d-g	83.2 f-m	31.3 g-k	6.4 no	77.7 mn	8.4 b	6 ab
DP 1614 B2XF	1471 bcd	41 a	4.3 a	1.23 c-f	84.4 abc	31.2 g-k	7.7 a-d	77.9 lmn	7.9 d-h	5 a-g
Winfield 16XA7 B2XF	1453 b-e	41 ab	4.3 ab	1.21 e-j	84.1 b-f	30.5 jkl	7.2 e-i	78.1 k-n	8.2 bcd	6 abc
ST 4946GLB2	1430 b-e	37 ghi	4.2 a-d	1.20 h-m	83.8 b-j	33.9 ab	7.2 e-j	78.5 i-m	8.0 c-f	4 b-g
DP 1612 B2XF	1415 b-e	36 hij	4.1 b-f	1.21 f-k	84.0 b-h	33.3 abc	7.4 c-g	78.2 k-n	7.9 d-h	6 abc
DP 1518 B2XF	1392 cde	37 fgh	3.5 j	1.23 d-g	84.1 b-f	31.1 g-l	6.3 no	79.3 c-j	7.6 ij	6 ab
ST 4848GLT	1379 cde	40 a-d	3.9 fgh	1.19 j-m	83.5 c-m	31.9 e-i	6.4 mno	78.6 h-l	8.0 c-f	5 a-g
MON 16R229B2XF	1378 cde	39 cde	3.9 efg	1.15 op	83.2 f-m	32.2 d-g	7.1 g-k	79.8 a-f	7.2 k	5 a-f
UA 222	1373 cde	36 hij	4.1 a-e	1.27 ab	83.6 b-l	32.0 e-h	7.4 b-g	79.2 d-j	7.9 d-h	5 a-d
Dyna-Gro CPS16214	1371 cde	38 efg	4.0 c-g	1.22 d-i	84.2 b-e	31.2 g-k	7.3 d-h	77.5 n	8.2 bcd	6 a
NG3406B2XF	1345 c-f	37 ghi	3.8 ghi	1.18 mn	83.7 b-k	31.3 g-k	7.5 b-f	79.1 e-j	8.0 c-g	5 a-f
BX 1737GLT	1344 c-f	37 fgh	3.9 efg	1.24 cd	84.4 abc	31.7 e-i	6.8 j-m	80.0 a-e	8.0 c-g	3 gh
AMX1606B2XF	1318 d-g	35 j	4.1 a-e	1.20 g-l	83.7 b-l	34.2 a	6.8 j-m	78.7 g-l	8.1 b-e	5 a-e
CG 3475 B2XF	1314 d-g	36 ij	4.1 a-e	1.18 lmn	84.6 ab	33.1 bcd	7.5 b-e	78.1 lmn	8.1 b-e	5 a-e
PHY 444 WRF	1305 d-g	39 def	3.1 k	1.27 a	84.3 a-d	31.9 e-i	6.2 no	80.6 a	8.0 c-g	4 e-h

NG3522B2XF	1305 d-g	39 cde	4.0 d-g	1.14 p	83.0 i-m	29.2 m	6.8 klm	79.3 c-j	8.6 a	3 fgh
NG3405B2XF	1302 d-g	38 efg	3.8 ghi	1.15 op	83.2 e-m	30.0 lm	7.1 f-k	80.0 a-f	8.3 b	3 h
MON 15R535B2XF	1233 e-h	40 abc	3.7 ij	1.20 i-m	82.7 lm	32.0 e-h	6.3 no	79.6 b-g	7.7 hi	4 b-g
Dyna-Gro 3385 B2XF	1139 f-i	37 gh	3.8 ghi	1.19 k-n	84.0 b-h	31.4 f-j	7.8 abc	79.5 b-h	8.3 bc	3 fgh
Dyna-Gro CT15684	1137 f-i	38 efg	3.9 fgh	1.20 h-l	84.0 b-i	31.9 e-i	6.8 klm	78.6 h-l	8.0 c-f	5 a-g
BX 1776GLTP	1112 ghi	39 def	4.0 c-g	1.20 g-l	83.8 b-j	30.8 i-l	7.2 e-i	80.3 ab	8.2 bcd	3 gh
DP 1522 B2XF	1107 ghi	38 efg	4.0 c-f	1.19 j-m	84.1 b-g	31.3 g-k	7.8 ab	78.5 j-m	8.0 c-f	5 a-e
BX 1775GLTP	1082 hi	38 efg	3.9 fgh	1.23 def	83.4 d-m	31.0 h-l	7.5 b-e	80.3 ab	8.0 c-g	4 e-h
ST 5115GLT	1079 hi	37 gh	3.9 f-i	1.18 lmn	82.6 m	32.5 c-f	7.0 h-l	80.1 a-d	7.7 ghi	4 c-h
Dyna-Gro 3526 B2XF	1076 hi	39 b-e	3.8 ghi	1.17 no	83.7 b-l	31.0 h-l	8.0 a	79.5 b-h	8.0 c-g	4 c-h
AMX1604B2XF	1005 i	36 hij	4.1 a-e	1.20 h-l	83.9 b-j	33.5 abc	5.7 p	78.0 lmn	8.2 bcd	4 d-h
AMX1601B2XF	962 ij	40 a-d	3.7 hij	1.20 g-l	84.0 b-h	33.5 abc	6.9 i-l	80.2 abc	8.0 d-g	4 c-h
BRS 335	951 ij	36 j	3.8 ghi	1.20 i-m	83.1 h-m	32.7 cde	6.3 no	79.1 e-j	7.7 f-i	5 a-e
HQ210CT	941 ij	35 j	4.2 abc	1.15 op	82.9 j-m	33.2 a-d	6.9 i-l	79.5 b-h	8.0 c-g	3 fgh
NG5007B2XF	792 jk	37 ghi	3.6 j	1.19 j-m	82.7 klm	30.2 kl	7.2 e-i	79.4 b-i	8.2 bcd	4 e-h
Dyna-Gro 3544 B2XF	696 k	35 j	3.7 hij	1.24 cde	85.2 a	34.0 ab	6.1 o	80.6 a	7.7 f-i	4 c-h
LSD (P=.05)	182.2	0.0118	0.177	0.0198	0.833	0.929	0.328	0.773	0.248	1.26
Standard Deviation	129.9	0.0084	0.126	0.0141	0.593	0.662	0.233	0.551	0.177	0.9
CV	10.37	2.23	3.24	1.17	0.71	2.07	3.38	0.7	2.22	20.7
Grand Mean	1252.1	0.3778	3.902	1.2029	83.733	31.922	6.91	79.146	7.975	4.35
Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)										

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