

2016 Cotton Performance Testing Results

University of Missouri - Delta Center

Portageville Silt Dryland Official Variety Trial

Location: Portageville Lee Farm - Pemiscot County

Investigator: Andrea Phillips Jones

Planted May 16, 2016

Harvested October 19, 2016

	Yield	Turnout	MIC	LENGTH	UNIF.	STRENGTH	ELON.	Rd	+b	LEAF
PHY 312 WRF	1795 a	39 efg	4.3 b-f	1.22 c-i	84.6 a-e	33.1 c-j	6.3 h-l	78.9 k-o	7.9 fg	5 a-d
PHY 333 WRF	1754 ab	40 cd	4.3 c-g	1.21 d-i	83.8 b-h	33.0 e-k	5.9 lm	78.6 nop	8.4 abc	4 a-f
DP 1518 B2XF	1685 abc	37 i-l	4.1 fgh	1.20 g-k	83.5 d-h	32.1 i-m	6.0 klm	79.8 c-k	7.4 h	5 a-d
PHY 444 WRF	1683 abc	40 d	3.8 i	1.28 a	84.3 b-f	33.8 b-g	6.2 i-m	80.6 a-d	8.1 b-f	3 ef
BX 1738GLT	1678 a-d	38 f-i	4.3 b-f	1.26 ab	84.6 a-d	34.4 abc	6.6 e-i	79.1 h-o	7.9 fg	5 abc
DP 1612 B2XF	1646 a-e	37 kl	4.4 a-e	1.22 c-h	84.7 abc	34.4 a-d	7.0 b-e	78.7 m-p	8.0 efg	5 abc
NG3406B2XF	1641 a-e	38 g-j	4.4 a-f	1.17 mn	84.3 b-f	32.1 i-m	7.2 a-d	80.2 b-g	8.0 c-f	3 def
CG 3475 B2XF	1638 a-e	37 jkl	4.6 ab	1.17 lmn	84.2 b-h	33.2 c-j	7.1 bcd	78.9 l-o	8.1 b-f	5 a-d
Winfield 16XA7 B2XF	1623 b-f	42 ab	4.6 a	1.22 c-f	84.3 b-f	31.6 k-o	6.9 c-g	78.7 nop	8.4 abc	4 a-e
ST 4946GLB2	1612 b-g	38 h-k	4.5 a-d	1.20 f-k	84.3 b-f	34.6 ab	6.7 d-h	79.3 g-n	8.2 b-f	4 c-f
DP 1522 B2XF	1595 b-h	39 efg	4.5 a-d	1.20 g-k	84.9 ab	33.4 b-i	7.6 a	79.3 f-n	8.2 b-f	4 a-e
BX 1737GLT	1592 b-h	38 e-h	3.9 hi	1.24 bcd	84.4 a-e	32.5 g-l	6.5 f-j	80.7 abc	8.2 b-f	3 ef
Dyna-Gro CPS16214	1558 c-i	39 ef	4.5 a-d	1.20 h-l	83.9 b-h	31.6 l-o	6.6 e-i	78.3 op	8.2 b-f	5 ab
DP 1614 B2XF	1518 d-j	41 ab	4.6 ab	1.22 c-f	84.2 b-g	32.9 f-l	7.2 a-d	78.0 p	8.3 a-e	5 a
BX 1776GLTP	1505 e-j	39 e	3.9 hi	1.22 c-f	83.7 c-h	32.0 j-n	6.9 c-f	81.2 a	8.1 b-f	4 a-f
ST 4848GLT	1493 e-j	41 bc	4.3 c-f	1.19 j-m	84.2 b-h	33.1 c-j	6.3 h-l	79.1 i-o	8.4 abc	5 a-d
NG3405B2XF	1490 e-j	39 ef	4.1 fgh	1.16 no	83.5 e-h	30.7 no	6.5 f-k	80.3 b-e	8.4 ab	3 f
Dyna-Gro 3385 B2XF	1485 e-j	39 efg	4.4 a-f	1.21 e-j	84.6 a-e	32.2 h-m	7.3 abc	79.6 e-m	8.4 ab	4 c-f

Dyna-Gro CT15684	1483 e-j	41 cd	4.3 c-g	1.20 e-k	84.3 b-f	33.0 e-j	6.9 c-g	79.3 g-n	8.2 b-f	4 b-f
UA 222	1470 f-j	37 jkl	4.5 a-d	1.27 a	84.6 a-d	33.7 b-g	7.1 bcd	79.4 e-n	8.1 b-f	4 b-f
NG3522B2XF	1463 f-j	40 cd	4.1 e-h	1.16 n	84.0 b-h	30.6 o	6.3 h-l	79.7 e-l	8.6 a	3 ef
ST 4747GLT	1462 f-j	38 h-k	4.5 abc	1.21 e-j	83.1 gh	31.1 mno	5.1 n	80.2 b-f	7.4 h	5 a-d
MON 16R229B2XF	1460 f-j	40 d	4.4 a-f	1.14 o	83.5 d-h	32.1 i-m	6.5 f-k	80.6 a-d	7.7 gh	4 a-f
MON 15R535B2XF	1451 g-j	42 a	4.1 e-h	1.20 e-k	83.7 c-h	32.1 i-m	5.8 m	80.2 b-f	8.1 b-f	4 b-f
AMX1601B2XF	1433 hij	41 bc	4.2 d-g	1.22 c-g	84.3 b-f	34.3 a-e	6.4 g-k	81.0 ab	8.0 d-g	3 def
BX 1775GLTP	1432 hij	39 efg	3.9 hi	1.24 bc	84.0 b-h	32.3 h-m	7.3 abc	81.4 a	8.4 abc	3 f
AMX1606B2XF	1414 ijk	37 lm	4.3 b-f	1.21 e-j	84.0 b-h	35.3 a	6.4 g-k	79.1 i-o	8.1 b-f	4 a-e
AMX1604B2XF	1397 ijk	38 h-k	4.4 a-d	1.19 i-l	84.2 b-h	33.6 b-h	5.3 n	79.0 j-o	8.3 a-f	3 ef
BRS 335	1383 jk	36 m	4.0 ghi	1.21 e-j	83.3 fgh	32.8 f-l	6.1 j-m	79.9 c-i	7.5 h	5 ab
ST 5115GLT	1367 jk	38 i-l	4.2 d-h	1.21 e-j	84.0 b-h	33.1 d-j	6.6 e-i	79.7 d-l	8.1 b-f	4 b-f
NG5007B2XF	1263 kl	39 ef	3.9 hi	1.19 j-m	83.1 h	30.6 o	6.8 d-h	79.9 c-j	8.4 ab	3 f
HQ210CT	1195 l	36 m	4.4 a-d	1.18 k-n	83.5 e-h	34.0 a-f	6.3 h-l	80.0 c-i	8.2 b-f	3 f
Dyna-Gro 3526 B2XF	1159 l	40 cd	3.9 hi	1.19 j-m	84.0 b-h	31.9 j-o	7.4 ab	80.0 c-h	8.4 a-d	4 c-f
Dyna-Gro 3544 B2XF	1154 l	37 kl	4.3 c-g	1.23 cde	85.4 a	35.2 a	6.0 klm	81.5 a	7.6 gh	4 b-f
LSD (P=.05)	135.6	0.007314937	0.243	0.0203	0.901	1.132	0.401	0.752	0.315	1.16
Standard Deviation	96.6	0.005211569	0.173	0.0144	0.642	0.806	0.286	0.536	0.225	0.82
CV	6.58	1.37	4.13	1.22	0.77	2.49	4.43	0.68	2.82	21.69
Grand Mean	1467.8	0.379628348	4.197	1.1875	82.838	32.359	6.456	78.515	7.979	3.8
Means followed by same letter or symbol do not significantly differ (P=.05, Duncan's New MRT)										

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