

2016 Cotton Performance Testing Results

University of Missouri - Delta Center

Sikeston Variety Trial

Location: Sikeston/Johnny and Jeff Hux

Investigator: Andrea Phillips Jones

Planted April 25, 2016 Harvested October 11, 2016

	Yield	Turnout	MIC	Length	UNIF.	Strength	ELON.	Rd	+b	Leaf
PHY 312 WRF	1619 a	0.38 f-j	4.2 i-l	1.22 d-i	84.1 a-e	32.1 e-i	6.7 g-j	80.5 ghi	7.9 e-i	4 b-e
PHY 333 WRF	1566 ab	0.39 b-f	4.2 kl	1.23 cde	83.9 b-g	32.1 e-i	6.2 l	79.5 j	8.4 abc	4 b-e
DP 1518 B2XF	1546 abc	0.37 g-l	4.2 kl	1.22 d-h	83.8 b-g	30.9 ijk	6.5 i-l	80.3 hi	7.5 jk	5 abc
NG5007B2XF	1532 abc	0.39 c-f	4.4 f-j	1.20 h-l	82.9 f-j	29.5 lm	7.1 d-g	81.0 fgh	8.2 b-g	3 efg
ST 4946GLB2	1521 a-d	0.38 f-j	4.6 a-d	1.20 g-l	83.9 b-g	34.4 ab	7.4 cde	79.9 ij	8.1 b-h	4 b-f
NG3522B2XF	1511 a-e	0.40 b-e	4.4 g-k	1.14 n	82.8 g-j	28.6 m	6.5 h-l	81.4 d-g	8.2 b-h	2 fg
NG3406B2XF	1499 a-f	0.38 e-h	4.4 e-i	1.19 jkl	84.3 a-e	30.8 ijk	7.2 def	81.0 e-h	7.8 hi	3 c-g
BX 1738GLT	1487 a-f	0.38 f-i	4.4 g-k	1.26 b	84.3 a-d	34.6 a	6.7 hij	80.3 hi	7.9 f-i	4 a-d
MON 15R535B2XF	1476 a-f	0.41 a	4.5 b-g	1.20 h-l	83.1 e-j	31.2 h-k	6.3 jkl	81.8 cde	7.9 ghi	3 efg
ST 4747GLT	1473 a-f	0.36 k-n	4.5 c-g	1.23 cde	82.5 hij	30.8 ijk	5.3 m	79.8 ij	7.2 k	5 a
PHY 444 WRF	1462 a-f	0.38 f-j	3.5 n	1.29 a	84.6 ab	32.3 e-h	6.2 kl	82.2 a-d	8.1 c-i	2 g
Dyna-Gro 3385 B2XF	1456 a-f	0.39 c-g	4.7 a	1.18 kl	84.4 a-d	31.2 h-k	7.7 abc	80.8 fgh	8.3 bcd	2 fg
AMX1604B2XF	1447 a-f	0.36 j-n	4.4 e-i	1.20 f-k	83.2 d-j	34.6 a	5.7 m	80.4 hi	7.9 e-i	3 d-g
NG3405B2XF	1444 a-f	0.38 d-h	4.4 g-k	1.14 n	82.2 j	28.9 m	6.9 e-i	81.4 d-g	8.2 b-e	3 d-g
DP 1522 B2XF	1432 a-f	0.38 f-j	4.6 a-f	1.19 i-l	84.3 a-e	32.6 efg	8.0 ab	80.9 fgh	8.2 b-g	4 b-f
Dyna-Gro CT15684	1432 a-f	0.39 c-f	4.3 g-l	1.20 h-l	83.8 b-g	31.9 f-i	6.7 g-j	81.1 e-h	8.2 b-f	3 d-g
BX 1737GLT	1391 b-g	0.37 g-k	4.3 h-l	1.24 bcd	83.6 b-h	31.6 g-k	7.0 e-h	82.4 abc	7.8 ij	2 g
ST 5115GLT	1387 b-h	0.37 g-l	4.2 jkl	1.17 lm	83.1 e-j	32.9 def	7.0 e-i	82.4 abc	7.3 k	4 b-f
ST 4848GLT	1386 b-h	0.40 b-e	4.6 a-f	1.21 e-k	83.6 b-i	32.6 efg	6.6 h-k	80.4 hi	7.9 ghi	4 b-e

CG 3475 B2XF	1366 c-h	0.37 i-n	4.7 ab	1.19 jkl	84.3 a-e	33.0 c-f	7.8 abc	79.2 jk	8.1 c-i	4 a-d
MON 16R229B2XF	1359 c-h	0.38 e-h	4.5 d-h	1.16 mn	82.9 f-j	32.3 e-h	6.9 e-i	82.5 abc	7.4 k	4 b-f
Winfield 16XA7 B2XF	1336 d-h	0.40 bcd	4.7 abc	1.21 e-k	84.0 b-f	30.6 jkl	7.2 def	79.1 jk	8.4 ab	5 ab
AMX1606B2XF	1329 d-h	0.35 n	4.4 f-j	1.22 d-i	84.0 b-f	33.9 a-d	6.7 g-j	80.9 fgh	7.9 f-i	3 c-g
Dyna-Gro 3526 B2XF	1324 e-h	0.40 b-e	4.4 f-j	1.16 mn	83.9 b-g	30.5 kl	8.0 a	80.9 fgh	8.1 b-h	4 b-e
DP 1612 B2XF	1320 e-h	0.36 k-n	4.4 g-k	1.21 d-j	84.5 abc	34.1 abc	7.4 cd	79.3 jk	8.0 d-i	4 a-d
BX 1775GLTP	1313 fgh	0.37 g-k	4.1 lm	1.23 def	82.4 ij	31.3 h-k	7.5 cd	82.2 a-d	7.8 ij	2 fg
Dyna-Gro CPS16214	1313 fgh	0.38 e-h	4.6 a-e	1.20 h-l	84.6 ab	31.8 f-j	7.6 bcd	78.6 k	8.4 abc	5 ab
BX 1776GLTP	1307 fgh	0.37 h-m	4.0 m	1.22 d-g	83.3 c-j	31.3 h-k	7.0 e-i	81.4 def	7.8 ij	3 efg
DP 1614 B2XF	1222 ghi	0.40 abc	4.6 a-f	1.22 d-i	84.2 a-e	32.1 e-i	7.5 cd	79.1 jk	8.6 a	5 ab
Dyna-Gro 3544 B2XF	1220 ghi	0.36 j-n	4.4 d-i	1.23 cde	85.3 a	34.7 a	6.1 l	82.9 a	7.3 k	3 d-g
AMX1601B2XF	1196 hi	0.40 ab	4.4 f-j	1.21 d-j	84.1 b-e	34.7 a	6.8 f-i	82.8 ab	7.9 e-i	3 d-g
UA 222	1090 ij	0.36 lmn	4.3 h-l	1.25 bc	84.4 abc	33.1 c-f	7.8 abc	80.9 fgh	8.3 a-d	3 c-g
HQ210CT	950 jk	0.35 mn	4.6 a-f	1.15 mn	82.8 g-j	33.3 b-e	6.8 f-i	82.0 bcd	8.2 b-h	2 g
BRS 335	803 k	0.36 j-n	4.2 kl	1.19 jkl	83.1 e-j	31.9 f-i	6.1 l	81.1 e-h	7.9 f-i	4 b-f
LSD (P=.05)	158.7	0.013	0.176	0.0226	0.95	1.062	0.395	0.725	0.279	1.22
Standard Deviation	113.1	0.009	0.125	0.0161	0.677	0.757	0.282	0.517	0.199	0.87
CV	8.27	2.37	2.87	1.34	0.81	2.36	4.09	0.64	2.5	26.18
Grand Mean	1368.1	0.378	4.365	1.2035	83.699	32.113	6.893	80.887	7.963	3.32
"Means followed by same letter or symbol do not significantly differ (P=.05, Duncan's New MRT)"										

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