

2016 Cotton Performance Testing Results

University of Missouri - Delta Center

Senath Official Variety Trial

Location: Senath/Charles Parker

Investigator: Andrea Phillips Jones

Planted May 11, 2016
Harvested October 27, 2016

****Senath Trial developed severe Target Leaf Spot resulting in premature defoliation and yield loss.**

	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
PHY 333 WRF	998 a	37 a-d	4.4 jkl	1.23 de	84.3 d-h	32.4 d-i	6.0 lmn	76.8 d-j	8.9 a-d	5 c-h
PHY 312 WRF	926 ab	36 b-f	4.5 h-l	1.22 d-g	84.6 b-g	32.4 d-i	6.3 i-l	77.9 a-h	8.6 b-h	4 e-i
DP 1614 B2XF	842 abc	39 a	5.1 a	1.24 cd	84.7 b-e	32.9 c-h	7.4 ab	77.4 b-j	8.5 d-h	6 a-e
Winfield 16XA7 B2XF	736 bcd	38 ab	5.0 a	1.22 d-g	84.7 b-e	31.5 h-l	6.8 c-h	77.2 c-j	8.9 a-f	6 a-e
NG3522B2XF	736 bcd	37 a-e	4.5 g-l	1.15 l	83.5 hi	30.2 l	6.7 f-i	77.6 a-j	9.1 ab	4 ghi
Dyna-Gro CPS16214	733 bcd	36 b-g	4.9 ab	1.22 d-g	84.9 b-e	31.6 h-k	7.2 b-e	76.2 g-j	8.6 c-h	6 a-d
CG 3475 B2XF	727 bcd	34 f-j	4.7 b-h	1.19 h-k	85.0 b-e	33.4 b-f	7.4 ab	77.2 c-j	8.8 a-f	4 d-i
ST 4946GLB2	690 cde	35 c-h	4.7 b-g	1.20 ghi	84.3 d-h	33.5 bcd	6.6 ghi	77.7 a-i	8.8 a-f	4 e-i
DP 1518 B2XF	684 cde	34 e-j	4.4 jkl	1.23 def	84.8 b-e	31.3 i-l	5.9 lmn	76.2 hij	8.3 hij	7 ab
MON 16R229B2XF	673 cde	35 d-i	4.7 b-h	1.15 l	83.1 i	31.6 h-k	6.7 e-i	79.2 a	8.1 ij	5 b-f
DP 1612 B2XF	661 cde	33 g-j	4.6 e-k	1.21 f-i	84.8 b-e	33.9 bc	7.4 ab	76.4 f-j	8.9 a-e	5 b-f
MON 15R535B2XF	645 cde	38 ab	4.5 f-l	1.22 d-g	84.0 e-i	32.1 e-j	5.6 mn	78.4 a-d	8.3 g-j	4 ghi
UA 222	612 cde	33 hij	4.8 bcd	1.28 b	85.4 abc	32.8 c-h	6.9 c-h	77.5 a-j	8.5 e-i	5 b-f
NG3405B2XF	607 c-f	35 d-i	4.4 jkl	1.16 kl	83.4 hi	30.4 kl	6.5 g-j	77.3 b-j	8.9 a-d	4 ghi
PHY 444 WRF	558 d-g	36 b-g	4.0 m	1.31 a	85.0 b-e	33.5 b-e	6.1 j-m	79.0 ab	8.5 e-i	4 f-i

ST 4747GLT	551 d-g	35 d-i	4.6 e-k	1.24 de	84.4 c-h	32.0 g-j	5.1 o	76.8 d-j	8.0 j	6 abc
Dyna-Gro CT15684	535 d-g	36 a-f	4.7 b-g	1.22 d-g	84.9 b-e	33.2 c-g	6.8 d-i	78.1 a-f	8.6 b-h	4 d-i
BX 1737GLT	525 d-g	35 c-h	4.7 b-h	1.24 cd	84.8 b-e	32.5 d-i	6.6 ghi	77.9 a-g	8.7 b-g	3 hi
BX 1738GLT	519 d-h	35 d-i	4.9 abc	1.27 b	85.0 b-e	34.7 b	6.5 g-j	77.0 c-j	8.5 d-i	4 d-i
ST 4848GLT	511 d-h	36 b-f	4.8 b-f	1.20 ghi	84.6 b-f	33.7 bcd	6.4 h-l	76.7 e-j	8.9 a-f	5 c-g
DP 1522 B2XF	504 d-h	35 d-i	4.8 b-e	1.18 ijk	84.1 d-i	32.9 c-h	7.7 a	77.0 d-j	8.8 a-f	4 e-i
NG3406B2XF	483 e-i	34 e-j	4.3 l	1.17 jkl	84.8 b-e	30.8 jkl	7.2 b-f	77.3 b-j	8.6 b-h	5 c-g
Dyna-Gro 3544 B2XF	482 e-i	32 jk	4.4 kl	1.26 bc	86.3 a	36.1 a	6.0 klm	78.7 abc	8.4 f-i	4 f-i
AMX1606B2XF	473 e-i	32 ijk	4.5 h-l	1.22 d-g	84.0 e-i	34.7 b	6.7 f-i	76.0 ijk	8.7 b-g	6 a-e
BX 1776GLTP	373 f-i	35 c-h	4.7 c-i	1.22 d-g	84.1 d-h	32.0 f-j	6.6 ghi	76.7 e-j	8.8 a-f	4 f-i
NG5007B2XF	372 f-i	35 d-i	4.4 kl	1.21 efg	83.5 ghi	31.1 i-l	7.0 b-g	77.9 a-h	8.9 a-f	4 ghi
Dyna-Gro 3385 B2XF	367 f-i	33 hij	4.6 d-k	1.20 ghi	85.1 bcd	32.4 d-i	7.3 abc	76.4 f-j	9.2 a	5 d-i
BX 1775GLTP	328 g-j	35 d-i	4.6 d-j	1.26 bc	84.8 b-e	32.9 c-h	7.2 a-d	78.3 a-e	8.6 c-h	5 d-i
Dyna-Gro 3526 B2XF	322 g-j	36 b-g	4.4 i-l	1.20 ghi	84.1 d-i	32.0 f-j	7.7 a	77.6 a-j	8.6 c-h	5 c-h
AMX1604B2XF	284 hij	32 jk	4.4 kl	1.20 g-j	83.6 ghi	33.2 c-g	5.5 no	74.6 k	9.2 a	5 c-h
AMX1601B2XF	266 ij	38 abc	4.6 d-j	1.21 e-h	85.5 ab	34.2 bc	6.5 h-k	77.6 a-j	8.5 e-i	5 c-h
ST 5115GLT	258 ij	35 d-i	4.5 g-l	1.19 h-k	83.6 f-i	32.9 c-h	6.6 ghi	76.4 f-j	8.5 d-h	6 a-e
HQ210CT	246 ij	30 k	4.6 d-j	1.17 kl	83.4 hi	33.4 b-g	6.5 h-k	76.7 d-j	9.0 abc	3 i
BRS 335	128 j	33 hij	4.5 h-l	1.21 efg	84.4 c-h	32.4 d-i	6.3 i-l	75.9 jk	8.9 a-d	7 a
LSD (P=.05)	197	0.022813217	0.191	0.0226	0.868	1.163	0.418	1.405	0.354	1.4
Standard Deviation	140.4	0.016257642	0.136	0.0161	0.619	0.829	0.298	1.001	0.252	1
CV	26.2	4.7	2.96	1.33	0.73	2.54	4.5	1.3	2.91	21.49
Grand Mean	536.1	0.346271018	4.587	1.2145	84.448	32.65	6.629	77.217	8.662	4.64

Means followed by same letter or symbol do not significantly differ (P=.05, Duncan's New MRT)

[Back to 2016 Cotton Performance Testing Results](#)

