

2015 Cotton Performance Testing Results

University of Missouri - Delta Center

Clarkton Variety Trial

Location: Clarkton

Investigator: Andrea Phillips Jones

Planted May 13, 2015
Harvested October 19, 2015

	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
DP 1612 B2XF	1383 a	0.36 g-l	4.3 b-g	1.21 b-f	83.9 a-h	32.8 b-e	8.5 b	79.7 jkl	7.7 a-d	4 a-dd
PHY 496 W3RF	1308 ab	0.38 b-f	4.4 a-e	1.15 i-l	83.7 b-i	32.4 c-g	8.4 b	80.3 g-l	7.9 ab	4 a-dd
DP 1614 B2XF	1279 abc	0.4 ab	4.5 abc	1.21 b-e	83.9 a-h	31.3 e-i	8.5 b	79.5 kl	8.0 ab	4 a-dd
DG 3385 B2XF	1255 abc	0.39 b-e	4.3 b-f	1.18 f-j	84.4 a-e	30.4 h-k	8.6 b	80.9 d-i	7.9 ab	3 b-e
PHY 222 WRF	1247 abc	0.36 g-l	4.7 a	1.20 b-g	85.3 a	31.9 d-h	8.6 b	79.9 i-l	7.6 a-e	5 ab
NG 3522 B2XF	1222 abc	0.39 abc	4.1 d-i	1.13 l	82.0 jk	28.6 l	7.5 i-m	80.8 f-j	8.0 ab	3 b-e
PHY 333 WRF	1220 abc	0.39 b-e	4.1 e-i	1.19 b-h	83.2 d-k	31.0 ghi	7.3 klm	79.4 kl	7.9 ab	4 a-d
PHY 312 WRF 2	1210 abc	0.37 d-j	3.8 ij	1.21 b-e	83.7 b-i	31.8 d-i	7.2 lm	80.8 e-j	7.4 c-f	3 a-e
NG 3405 B2XF	1210 abc	0.38 c-g	3.9 ghi	1.14 jkl	82.3 ijk	29.1 kl	7.7 h-k	81.1 d-i	7.8 abc	2 de
NG 3406 B2XF	1195 abc	0.37 d-i	4.1 d-i	1.16 h-l	84.1 a-g	31.3 e-i	8.6 b	82.0 a-d	7.7 a-d	3 cde
PHY 495 W3RF	1180 abc	0.39 abc	4.0 e-i	1.14 kl	83.6 b-i	32.8 b-e	8.2 b-e	80.4 g-k	7.9 ab	3 cde
PHY 499 WRF	1162 a-d	0.39 abc	4.1 d-i	1.18 d-i	84.7 abc	33.8 abc	8.4 bc	80.4 g-k	7.9 ab	4 a-d
DG CT 15426	1139 a-d	0.4 a	4.4 a-d	1.19 c-i	84.6 a-d	30.3 ijk	8.4 b	80.5 g-k	7.8 a-d	3 b-e
ST 4747GLB2	1124 a-d	0.36 h-m	4.3 b-g	1.22 b	83.1 e-k	30.9 g-j	6.0 o	80.4 g-k	6.7 i	5 ab
PHY 339 WRF	1100 a-d	0.37 e-j	4.3 b-f	1.18 e-j	83.2 d-k	31.1 f-i	7.8 f-j	82.0 a-e	7.1 f-i	2 e
DG 2285 B2RF	1097 a-d	0.37 d-h	4.2 c-h	1.17 g-k	82.7 g-k	30.1 ijk	8.5 b	81.0 d-i	7.9 abc	3 cde
BRS 286	1088 a-d	0.34 m	4.1 d-i	1.18 f-j	83.7 b-i	34.2 ab	7.0 m	80.4 g-k	7.4 d-g	4 a-d
ST 5032GLT	1076 a-d	0.36 h-m	3.8 ij	1.23 b	83.3 b-j	33.0 bcd	7.9 d-i	81.3 c-h	7.7 a-d	3 a-e

ST 4946GLB2	1068 a-d	0.37 e-j	4.0 e-i	1.20 b-g	84.7 abc	34.8 a	8.0 c-h	79.9 i-l	8.1 a	4 abc
DP 1518 B2XF	1065 a-d	0.37 f-k	3.9 hij	1.17 f-j	82.6 g-k	29.4 jkl	7.4 j-m	81.4 c-g	6.9 hi	4 a-d
DP 1522 B2XF	1052 a-d	0.39 b-e	4.3 b-f	1.20 b-g	84.0 a-g	32.3 c-g	9.2 a	81.1 d-i	7.4 c-f	4 a-d
MON 15R513B2XF	1025 a-d	0.37 d-i	4.4 a-d	1.21 b-e	84.7 abc	30.9 g-j	8.1 b-g	79.1 l	7.6 b-e	4 a-d
PHY 427 WRF	1023 a-d	0.35 j-m	3.8 hij	1.15 i-l	82.4 h-k	32.5 c-g	8.3 bcd	81.2 c-h	7.6 a-e	3 a-e
UA222	1022 a-d	0.35 klm	4.0 f-i	1.27 a	84.8 ab	33.2 bcd	8.6 b	80.6 f-k	7.1 f-i	5 a
PHY 444 WRF	1016 a-d	0.39 bcd	3.6 j	1.27 a	84.6 a-e	31.8 d-i	7.1 m	82.3 abc	7.6 a-e	3 b-e
HQ210CT	1016 a-d	0.35 klm	4.6 ab	1.14 jkl	83.2 d-k	32.7 b-f	7.8 e-j	81.4 c-g	7.1 f-i	3 b-e
ST 5115GLT	998 bcd	0.37 g-l	3.6 j	1.16 h-l	81.7 kl	31.6 d-i	7.8 g-j	82.6 ab	7.0 ghi	3 a-e
PHY 487 WRF	989 bcd	0.36 i-m	3.9 ghi	1.14 jkl	82.3 ijk	30.9 g-j	8.2 b-f	80.1 h-l	7.9 ab	3 b-e
ST 6182GLT	978 bcd	0.41 a	4.2 c-h	1.19 b-h	83.3 c-j	30.2 ijk	7.4 j-m	81.3 c-h	7.7 a-d	2 e
ST 5289GLT	924 cd	0.35 klm	4.0 e-i	1.17 f-j	80.6 l	30.2 ijk	6.5 n	81.3 c-h	6.9 hi	4 a-d
BRS 335	924 cd	0.36 h-m	3.8 hij	1.22 bcd	84.2 a-f	32.9 bcd	7.2 lm	81.8 b-f	7.2 e-h	4 abc
FM 1944GLB2	909 cd	0.35 lm	4.1 e-i	1.22 bc	83.2 d-k	33.0 bcd	6.5 n	82.9 a	6.7 i	2 de
BRS 293	790 d	0.36 i-m	4.1 d-i	1.17 g-k	82.9 f-k	33.2 bcd	7.6 h-l	80.3 g-l	8.0 ab	4 a-d
LSD (P=.05)	308.1	0.015	0.296	0.0292	1.2	1.3	0.4	1.0	0.385	1.54
Standard Deviation	217.9	0.01	0.211	0.0209	0.9	1.0	0.3	0.7	0.275	1.1
CV	19.81	2.8	5.16	1.76	1.0	3.0	3.4	0.9	3.65	33.78
Grand Mean	1099.79	0.37	4.09	1.19	83.5	31.7	7.8	80.8	7.53	3.26
Replicate F	12.543	7.939	29.657	0.699	2.2	0.6	2.0	2.2	2.247	0.892
Replicate Prob(F)	0.0001	0.0001	0.0001	0.5547	0.1	0.6	0.1	0.1	0.0877	0.448
Treatment F	1.435	11.675	6.325	11.063	5.7	9.5	29.5	6.6	9.102	2.264
Treatment Prob(F)	0.0949	0.0001	0.0001	0.0001	0.0	0.0	0.0	0.0	0.0001	0.0012
Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)										

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