

2015 Cotton Performance Testing Results

University of Missouri - Delta Center										
Large Plot Strip Trial										
Location: Lewis Rone										
Investigator: Andrea Phillips Jones										
Planted May 4, 2015 Harvested October 22, 2015										
	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
NG 3405 B2XF	1155 a	38 ab	4.4 cd	1.13 d	82.0 c	29.2 d	8.0 c	81.6 a	7.2 ab	3 ab
NG 3406 B2XF	1105 ab	37 bcd	4.6 bcd	1.17 c	83.8 a	31.2 c	9.0 a	80.6 a	7.2 ab	4 ab
DP 1518 B2XF	1100 ab	37 bc	4.4 cd	1.19 bc	82.6 bc	31.8 bc	7.4 d	80.5 a	6.9 bc	4 ab
DP 1522 B2XF	1099 ab	38 b	4.7 abc	1.18 bc	83.5 ab	32.0 abc	8.7 ab	81.0 a	7.2 ab	4 ab
PHY 312 WRF	1079 ab	36 d	4.3 d	1.22 a	83.6 ab	32.7 ab	7.6 d	79.8 ab	7.4 ab	5 ab
DG 3385 B2XF	1071 abc	40 a	4.9 ab	1.19 bc	83.9 a	30.6 cd	8.6 b	81.6 a	7.4 ab	3 b
ST 4946 GLB2	1015 bcd	36 bcd	5.1 a	1.18 bc	83.0 abc	33.4 a	8.5 b	80.3 a	7.5 a	3 ab
ST 4747 GLB2	952 cd	34 e	4.6 bcd	1.23 a	83.0 abc	31.0 c	6.2 e	80.4 a	6.5 c	5 ab
PHY 333 WRF	924 d	36 cd	4.6 bcd	1.21 ab	84.1 a	31.9 bc	7.5 d	78.3 b	7.7 a	5 a
LSD (P=.05)	115.9	0.015	0.362	0.0277	1.0	1.4	0.3	1.8	0.462	2.33
Standard Deviation	66.9	0.009	0.209	0.016	0.6	0.8	0.2	1.1	0.267	1.35
CV	6.34	2.42	4.53	1.35	0.7	2.5	2.4	1.3	3.7	33.72
Grand Mean	1055.57	0.37	4.62	1.19	83.3	31.5	8.0	80.5	7.21	4
Replicate F	4.901	5.037	3.708	3.289	1.3	1.1	5.4	1.2	0.688	0.244
Replicate Prob(F)	0.0219	0.0201	0.0475	0.0636	0.3	0.4	0.0	0.3	0.5169	0.7861
Treatment F	3.903	10.875	4.659	9.722	3.9	7.1	66.8	2.7	5.069	1.374
Treatment Prob(F)	0.0099	0.0001	0.0043	0.0001	0.0	0.0	0.0	0.0	0.0029	0.2794
Means followed by same letter do not significantly differ (P=.05, Student-Newman-Keuls)										

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