

# 2015 Cotton Performance Testing Results

University of Missouri - Delta Center										
Large Plot Strip Trial										
Location: Gregg Mayberry / Bernie										
Investigator: Andrea Phillips Jones										
Planted April 30, 2015 Harvested October 14, 2014										
	Yield	Turnout	Mic	Length	Unif	Strng	Elong	Rd	+b	Leaf
DG 3385 B2XF	1503 a	36 abc	4.0 bc	1.19 cd	83.5 ab	29.6 c	8.4 a	81.8 a	7.5 a	3 d
NG 3405 B2XF	1430 ab	37 a	3.9 bcd	1.14 e	81.0 c	27.8 d	7.6 c	81.9 a	7.6 a	4 cd
PHY 333 WRF	1414 ab	37 ab	4.1 b	1.22 ab	83.4 ab	30.7 b	7.3 c	79.5 c	7.6 a	5 a-d
DP 1518 B2XF	1414 ab	36 a-d	3.8 cd	1.21 abc	83.0 ab	30.2 bc	7.5 c	80.0 bc	6.5 d	6 ab
ST 4946 GLB2	1398 ab	35 bcd	4.4 a	1.19 bcd	83.2 ab	31.9 a	8.0 b	79.1 c	7.4 ab	5 abc
PHY 312 WRF	1379 ab	35 cd	3.8 d	1.23 a	83.7 a	30.4 bc	7.5 c	80.0 bc	7.2 bc	6 ab
DP 1522 B2XF	1374 b	35 a-d	4.4 a	1.18 cd	83.2 ab	29.9 bc	8.6 a	81.1 ab	7.1 c	5 bcd
NG 3406 B2XF	1369 b	35 cd	4.1 b	1.16 d	82.7 ab	29.6 c	8.7 a	81.9 a	7.5 a	3 d
ST 4747 GLB2	1359 b	34 d	4.0 bc	1.22 a	82.5 b	29.4 c	6.2 d	79.5 c	6.2 e	7 a
LSD (P=.05)	113.2	0.017	0.218	0.0255	0.989	0.912	0.32	1.154	0.274	1.61
Standard Deviation	65.4	0.01	0.126	0.0147	0.572	0.527	0.185	0.667	0.158	0.93
CV	4.66	2.75	3.1	1.23	0.69	1.76	2.38	0.83	2.2	19.38
Grand Mean	1404.44	0.36	4.07	1.19	82.92	29.94	7.77	80.54	7.19	4.81
Replicate F	0.017	0.622	0.165	0.012	0	2.424	2.729	4.247	1.164	0.809
Replicate Prob(F)	0.9827	0.5496	0.8495	0.9882	1	0.1203	0.0955	0.0331	0.3374	0.4629
Treatment F	1.347	3.258	10.649	13.151	5.996	13.016	52.034	8.652	29.574	4.702
Treatment Prob(F)	0.2903	0.0212	0.0001	0.0001	0.0012	0.0001	0.0001	0.0001	0.0001	0.0041
Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)										

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