

University of Missouri -FDRC										
Portageville Silt Loam Dryland Official Cotton Variety Trial										
Location: Portageville, MO / MU Lee Farm										
Investigators: Dr. Gene Stevens / Matthew Rhine										
Planted May 11, 2017										
Harvested September 25, 2017										

<b>Cultivar</b>	<b>Lint Yld (lb/ac)</b>	<b>Turnout</b>	<b>MIC</b>	<b>LENGTH</b>	<b>UNIF.</b>	<b>STRENGTH</b>	<b>ELON.</b>	<b>Rd</b>	<b>+b</b>	<b>LEAF</b>
DP 1614 B2XF	1149	0.41	5.20	1.18	84.5	31.9	7.1	75.1	8.0	4.3
Winfield 17XC8 B3XF	1144	0.43	4.88	1.18	83.6	30.1	4.8	76.0	8.0	3.5
PX3A82W3FE	1132	0.39	4.49	1.15	84.6	34.5	7.4	75.9	7.6	4.3
PHY 480 W3FE	1105	0.38	4.59	1.18	84.8	33.1	7.6	76.1	8.2	4.5
PHY 340 W3FE	1080	0.41	4.93	1.16	84.0	33.4	5.7	75.2	8.2	5.0
PX3A99W3FE	1072	0.39	4.79	1.19	84.3	32.8	6.4	76.4	8.0	3.5
NG 3406 B2XF	1056	0.38	4.72	1.12	82.8	30.7	7.3	76.6	8.0	2.3
PX4A57W3FE	1044	0.41	4.70	1.10	82.6	33.2	7.1	74.3	8.8	4.8
PX4A54W3FE	1044	0.39	5.04	1.15	84.2	33.6	6.7	75.2	8.5	4.0
PHY 330 W3FE	1041	0.41	4.93	1.17	83.5	33.0	5.6	75.1	8.2	3.8
DP 1823NR B2XF	1040	0.40	4.54	1.21	84.7	33.9	7.2	75.1	7.6	4.5
DP 1612 B2XF	1036	0.37	4.77	1.16	83.2	33.5	7.2	74.7	7.8	4.5
DP 1522 B2XF	1031	0.39	4.93	1.16	84.2	32.7	8.0	75.5	7.6	4.3
DP 1725 B2XF	1019	0.40	4.87	1.19	83.2	32.1	5.4	78.1	7.7	2.5
ST 4848GLT	1017	0.40	5.14	1.17	83.3	32.8	6.3	75.6	8.0	3.8
PHY 300 W3FE	1013	0.40	4.98	1.16	83.5	32.9	5.7	75.9	8.6	3.0
DG 3385 B2XF	1011	0.39	5.13	1.15	83.1	30.7	7.5	75.8	8.2	2.8
CG 3572 B2XF	999	0.41	5.04	1.18	84.2	30.5	7.2	75.0	8.0	4.0
PX3A96W3FE	995	0.38	4.84	1.18	83.6	32.6	6.2	76.7	7.3	4.5
PHY 440 W3FE	993	0.38	4.27	1.23	84.2	34.9	6.2	75.8	8.1	4.0
DP 1820 B3XF	984	0.39	4.82	1.23	84.6	34.5	4.8	77.1	7.5	3.5
PHY 312 WRF	947	0.38	4.83	1.16	84.0	33.1	6.0	76.0	7.7	4.3
ST 4949GLT	945	0.41	5.05	1.16	82.7	31.4	6.7	75.3	8.0	4.3
CG 3475 B2XF	938	0.37	4.62	1.12	82.7	31.8	7.6	74.3	8.0	4.3
ST 5517GLTP	928	0.37	4.45	1.18	82.5	33.7	6.0	77.2	7.7	2.8
PHY 444 WRF	925	0.39	4.44	1.23	84.3	33.4	5.9	77.8	7.9	1.8
CPS16214 B2XF	923	0.38	4.89	1.15	83.4	32.7	6.9	74.5	8.2	4.3

UA 222	922	0.37	4.61	1.19	83.7	33.7	7.1	75.5	7.5	4.8
DP 1518 B2XF	922	0.38	4.64	1.15	83.5	31.7	6.1	75.9	7.4	4.8
NG 4601 B2XF	920	0.40	5.10	1.19	84.1	34.3	5.9	77.1	7.5	2.3
PHY 450 W3FE	898	0.38	4.81	1.16	84.3	35.1	7.6	74.8	8.3	4.5
NG 3522 B2XF	895	0.40	4.92	1.10	82.2	27.9	6.4	77.1	8.3	2.3
PX2A28W3FE	886	0.37	4.43	1.20	84.2	34.0	4.6	77.4	7.3	3.8
ST 5020GLT	883	0.37	4.94	1.20	83.3	34.9	6.6	75.3	7.8	4.3
CPS17330 B3XF	877	0.41	4.64	1.22	84.8	35.0	6.4	77.1	8.0	2.8
CPS 161206D B2XF	855	0.40	5.06	1.24	85.0	36.5	6.5	74.3	8.0	4.8
ST 4946GLB2	854	0.36	4.63	1.15	83.0	33.8	6.5	75.2	7.7	4.3
PHY 490 W3FE	843	0.38	4.67	1.17	84.1	35.1	7.4	76.7	7.7	4.3
DG 3109 B2XF	841	0.37	4.68	1.15	84.1	32.9	6.8	75.5	7.3	5.0
NG 3699 B2XF	837	0.37	4.34	1.19	82.7	32.4	5.0	75.7	8.0	3.8
BRS-335	655	0.35	4.44	1.20	84.0	32.0	5.7	76.9	7.4	5.0
BRS-293	645	0.33	5.05	1.17	83.8	35.2	6.2	75.8	8.2	3.0
BRS-286	395	0.35	4.75	1.17	84.4	35.3	5.5	76.6	7.8	4.8
<b>Grand Mean</b>	<b>947</b>	<b>0.39</b>	<b>4.8</b>	<b>1.17</b>	<b>83.7</b>	<b>33.1</b>	<b>6.4</b>	<b>75.9</b>	<b>7.9</b>	<b>3.9</b>
<b>LSD (<math>\alpha = 0.05</math>)</b>	<b>232</b>	<b>0.02</b>	<b>0.28</b>	<b>0.03</b>	<b>1.3</b>	<b>1.5</b>	<b>0.5</b>	<b>1</b>	<b>0.3</b>	<b>1.4</b>
<b>CV (%)</b>	<b>17.5</b>	<b>3.5</b>	<b>4.2</b>	<b>1.8</b>	<b>1.1</b>	<b>3.3</b>	<b>5.6</b>	<b>0.9</b>	<b>2.4</b>	<b>25.5</b>