

University of Missouri -FDRC
Sikeston Official Cotton Variety Trial
Location: Senath, MO / Jeff Hux, Cooperator
Investigators: Dr. Gene Stevens / Matthew Rhine
Planted May 11, 2017
Harvested October 17, 2017

Cultivar	Lint Yld (lb/ac)	Turnout	MIC	LENGTH	UNIF.	STRENGTH	ELON.	Rd	+b	LEAF
PHY 330 W3FE	2330	0.40	4.23	1.23	83.9	31.7	5.8	74.9	7.9	6.5
DP 1612 B2XF	2325	0.37	4.42	1.24	83.3	31.8	6.9	75.4	7.6	5.5
DP 1522 B2XF	2213	0.39	4.76	1.22	83.3	30.4	7.6	76.7	7.7	4.8
PX4A57W3FE	2209	0.42	3.96	1.16	83.2	31.9	6.9	74.8	8.4	5.8
Winfield 17XC8 B3XF	2195	0.42	4.03	1.24	83.9	31.5	5.3	75.6	7.9	5.8
DG 3385 B2XF	2165	0.39	4.69	1.21	83.9	30.1	7.6	76.8	7.9	4.3
DP 1820 B3XF	2113	0.41	4.56	1.29	83.7	33.1	4.7	77.9	7.2	4.5
DP 1725 B2XF	2103	0.41	4.25	1.21	83.5	31.3	5.5	77.5	7.7	3.3
CG 3572 B2XF	2084	0.40	4.54	1.25	83.7	30.7	6.4	75.3	8.2	5.3
NG 3406 B2XF	2084	0.38	4.52	1.19	83.0	29.5	7.6	77.5	8.0	3.8
DP 1614 B2XF	2071	0.41	4.73	1.26	84.1	30.1	7.0	74.6	7.9	6.0
ST 5517GLTP	2071	0.37	4.11	1.21	82.4	31.9	6.1	78.6	7.2	4.5
ST 4946GLB2	2070	0.37	4.65	1.22	83.3	32.3	6.6	76.2	8.0	4.8
CG 3475 B2XF	2064	0.38	4.74	1.19	83.5	31.8	7.6	76.0	7.8	4.5
PHY 490 W3FE	2061	0.38	4.20	1.23	84.5	32.7	7.0	76.3	7.8	5.5
PX3A96W3FE	2053	0.37	4.15	1.25	83.9	31.4	6.3	76.5	7.5	5.3
PX4A54W3FE	2030	0.38	4.10	1.21	84.5	32.6	6.4	74.9	8.2	6.0
PHY 312 WRF	2030	0.38	4.27	1.26	84.7	31.2	6.1	75.8	7.7	5.0
ST 5020GLT	2029	0.37	4.48	1.26	83.8	32.0	6.6	75.3	7.6	6.0
PX3A99W3FE	2029	0.38	4.14	1.24	83.4	31.4	6.1	76.3	7.6	5.0
ST 4848GLT	1999	0.39	4.38	1.21	82.8	30.7	6.3	75.9	7.9	5.0
DP 1518 B2XF	1992	0.38	4.00	1.23	83.4	30.1	5.6	76.6	7.2	5.5
CPS17330 B3XF	1986	0.42	4.21	1.24	83.4	32.3	6.3	76.3	8.2	4.0
NG 4601 B2XF	1984	0.40	4.38	1.24	83.9	32.5	5.8	77.8	7.6	3.8
PHY 340 W3FE	1979	0.40	4.18	1.22	84.0	32.4	5.7	75.6	7.9	5.5
PHY 444 WRF	1912	0.39	3.75	1.28	84.1	32.4	5.7	77.6	7.7	4.5
DG 3109 B2XF	1900	0.37	4.30	1.21	83.6	31.9	6.4	75.5	7.3	6.5

PHY 480 W3FE	1895	0.38	3.94	1.21	84.1	30.9	7.5	76.3	8.0	5.5
CPS16214 B2XF	1892	0.38	4.61	1.22	84.3	31.1	7.0	74.9	7.7	5.3
NG 3522 B2XF	1890	0.38	4.17	1.19	82.9	29.9	6.1	76.9	8.2	3.8
CPS 161206D B2XF	1889	0.40	4.67	1.29	83.9	33.9	6.2	74.6	8.0	6.0
PHY 450 W3FE	1858	0.38	4.44	1.20	83.9	33.5	6.8	75.1	8.2	5.8
PX2A28W3FE	1851	0.36	3.88	1.25	83.9	33.4	4.8	76.2	7.3	5.5
PHY 440 W3FE	1844	0.38	3.49	1.27	83.6	34.0	5.8	75.8	8.2	6.0
PX3A82W3FE	1835	0.45	3.98	1.19	84.1	33.7	7.1	76.2	7.6	6.0
UA 222	1830	0.35	4.13	1.29	83.2	30.6	7.1	76.4	8.0	5.8
NG 3699 B2XF	1800	0.32	4.25	1.27	83.4	32.5	5.2	75.4	8.0	4.5
ST 4949GLT	1783	0.36	4.50	1.18	82.7	31.1	6.7	76.2	7.8	5.3
DP 1823NR B2XF	1781	0.40	3.92	1.25	84.1	31.9	7.1	75.0	7.4	7.0
PHY 300 W3FE	1776	0.38	4.09	1.21	83.6	30.5	6.2	76.0	8.2	5.3
BRS-335	1166	0.35	3.92	1.24	83.8	31.6	5.9	77.6	7.7	4.5
BRS-293	870	0.35	3.59	1.20	83.5	33.5	6.1	76.4	8.5	5.3
BRS-286	843	0.32	3.75	1.23	83.4	33.1	5.5	77.0	8.1	4.8
Grand Mean	<i>1928</i>	<i>0.38</i>	<i>4.23</i>	<i>1.23</i>	<i>83.6</i>	<i>31.8</i>	<i>6.3</i>	<i>76.1</i>	<i>7.8</i>	<i>5.2</i>
LSD ($\alpha = 0.05$)	<i>290</i>	<i>0.04</i>	<i>0.26</i>	<i>0.03</i>	<i>0.9</i>	<i>1.4</i>	<i>0.5</i>	<i>1</i>	<i>0.4</i>	<i>1.5</i>
CV (%)	<i>10.7</i>	<i>8.3</i>	<i>4.4</i>	<i>1.6</i>	<i>0.8</i>	<i>3.1</i>	<i>5.9</i>	<i>0.9</i>	<i>3.2</i>	<i>21.1</i>