

2017 Cotton Performance Testing Results

University of Missouri -FDRC

Senath Official Cotton Variety Trial

Location: Senath, MO / Charles Parker, Cooperator

Investigator: Dr. Gene Stevens / Matthew Rhine

Planted May 17, 2017
Harvested October 25, 2017

	Lint Yield (lb/ac)	Turnout	MIC	Length	Unif.	Strength	Elon.	Rd	+b	LEAF
DP 1823NR B2XF	2089	0.40	4.25	1.26	31.4	31.4	6.9	77.8	7.9	4.5
PX3A99W3FE	2005	0.37	4.51	1.25	30.9	30.9	5.9	78.7	8.2	3.3
DP 1725 B2XF	1972	0.41	4.56	1.24	31.3	31.3	5.3	79.5	7.9	2.5
PHY 312 WRF	1944	0.38	4.66	1.27	30.9	30.9	5.9	78.3	7.8	4.3
DP 1614 B2XF	1939	0.40	5.00	1.28	29.8	29.8	6.4	76.9	8.2	4.5
PHY 300 W3FE	1890	0.39	4.57	1.23	31.1	31.1	6.2	78.7	8.1	3.0
PX4A57W3FE	1850	0.39	4.10	1.18	31.8	31.8	6.7	77.0	8.6	4.3
PHY 330 W3FE	1848	0.39	4.49	1.24	31.5	31.5	5.6	77.4	8.3	5.0
DP 1820 B3XF	1821	0.40	4.89	1.32	34.7	34.7	4.6	79.2	7.6	3.5
DP 1612 B2XF	1818	0.37	4.76	1.26	31.7	31.7	7.7	77.3	7.9	4.5
Winfield 17XC8 B3X	1815	0.41	4.69	1.25	31.0	31.0	5.4	77.5	8.1	4.0
ST 4946GLB2	1808	0.37	4.72	1.23	32.5	32.5	6.8	77.9	8.1	3.8
ST 5517GLTP	1806	0.37	4.31	1.24	31.8	31.8	6.4	80.2	7.4	3.0
PX3A82W3FE	1787	0.37	4.24	1.22	33.2	33.2	7.1	79.0	7.9	4.0
ST 4949GLT	1786	0.41	4.72	1.21	31.0	31.0	6.1	77.8	8.2	4.3
NG 3406 B2XF	1782	0.38	4.75	1.22	30.2	30.2	7.3	78.2	7.9	3.8
CG 3475 B2XF	1763	0.38	4.88	1.23	32.3	32.3	6.9	77.1	8.1	4.5
PX3A96W3FE	1759	0.37	4.50	1.24	30.3	30.3	6.4	79.4	8.0	3.3
CPS16214 B2XF	1753	0.38	4.83	1.27	30.5	30.5	6.8	77.3	7.9	4.5
PHY 440 W3FE	1734	0.37	3.65	1.30	33.0	33.0	5.0	78.3	8.3	3.8
DP 1518 B2XF	1729	0.37	4.41	1.26	30.0	30.0	5.4	78.7	7.8	4.8
ST 5020GLT	1727	0.37	4.46	1.29	32.1	32.1	6.3	76.9	7.8	5.5
DP 1522 B2XF	1698	0.38	5.04	1.22	30.9	30.9	7.3	77.8	7.9	4.5
PX4A54W3FE	1691	0.38	4.30	1.22	32.0	32.0	6.1	77.6	8.6	3.8

CG 3572 B2XF	1685	0.40	5.04	1.28	30.2	30.2	6.0	76.9	8.5	3.5
ST 4848GLT	1684	0.39	4.80	1.24	31.4	31.4	6.0	77.6	8.2	4.8
PHY 340 W3FE	1652	0.38	4.33	1.26	31.7	31.7	5.5	78.0	8.3	3.8
PHY 444 WRF	1650	0.38	3.99	1.34	32.1	32.1	5.1	79.5	8.2	3.0
DG 3109 B2XF	1635	0.37	4.59	1.27	32.1	32.1	6.3	77.3	7.8	4.8
NG 3699 B2XF	1606	0.36	4.53	1.29	32.3	32.3	4.9	77.4	8.4	4.0
DG 3385 B2XF	1588	0.38	4.82	1.23	29.9	29.9	7.4	78.7	8.4	2.3
NG 4601 B2XF	1544	0.40	4.90	1.25	31.3	31.3	5.5	78.9	8.3	3.5
NG 3522 B2XF	1530	0.38	4.64	1.20	29.8	29.8	6.1	79.0	8.3	2.0
CPS17330 B3XF	1491	0.42	4.39	1.27	33.0	33.0	5.9	77.9	8.3	3.5
PX2A28W3FE	1484	0.37	3.99	1.27	32.6	32.6	4.6	79.5	7.4	3.8
PHY 480 W3FE	1469	0.37	4.10	1.25	30.4	30.4	6.3	77.5	8.3	4.0
CPS 161206D B2XF	1430	0.39	4.96	1.31	33.8	33.8	5.8	75.3	8.4	5.3
UA 222	1370	0.35	4.84	1.28	31.1	31.1	7.2	78.6	8.0	4.0
BRS-335	1210	0.36	4.38	1.25	31.3	31.3	5.5	78.9	7.9	4.5
PHY 490 W3FE	1184	0.37	4.53	1.24	33.7	33.7	6.3	78.1	8.2	4.0
PHY 450 W3FE	1171	0.37	4.74	1.23	33.7	33.7	6.4	76.3	8.7	3.8
BRS-293	992	0.35	4.82	1.23	83.8	33.8	6.0	76.7	8.6	3.0
BRS-286	758	0.34	4.50	1.24	83.8	33.7	4.9	77.0	8.3	4.0
LSD ($\alpha=.05$)	311	0.01	0.26	0.03	0.9	1.3	0.7	1.1	0.3	1.5
CV (%)	13.4	2.1	4.0	1.5	0.8	2.9	8.0	1.0	2.9	27.4
Grand Mean	1654	0.38	4.56	1.25	84.1	31.7	6.1	78.0	8.1	3.9

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