

# 2018 Cotton Performance Testing Results

University of Missouri-Fisher Delta Research Center					
Dryland Silt OVT					
Location: Lee Farm, MO					
Investigator: Calvin Meeks					
Planted May 7, 2018 Harvested September 20, 2018					
	Lint Yield (lb/ac)	% Turnout	Mic	Length	Uniformity
PX3B09W3FE	1114 A	45.3 GHIJKLMNOP	4.31 BCDEFGHIJKL	1.15 EFGHIJK	83.90 BCDEFGHIJ
DG 3385 B2XF	1102 AB	44.7 JKLMNOPQR	4.40 ABCDEFGHIJKL	1.11 LMNOPQR	83.88 BCDEFGHIJ
PX5D28BW3FE	1076 ABC	48.0 ABC	4.06 HIJKLMN	1.13 GHIJKLMNOP	83.68 BCDEFGHIJK
17R821B3XF	952 ABCD	46.3 BCDEFGHIJK	4.69 ABC	1.09 R	82.50 KLMN
PHY 480 W3FE	947 ABCD	46.1 BCDEFGHIJKL	4.21 CDEFGHIJKLM	1.12 JKLMNOPQ	84.50 ABCDE
PX5B73W3FE	924 ABCDE	46.5 ABCDEFGHIJK	4.20 CDEFGHIJKLM	1.13 FGHIJKLMNO	83.50 CDEFGHIJKL
PHY 320 W3FE	887 ABCDEF	44.6 KLMNOPQR	4.28 BCDEFGHIJKLM	1.14 EFGHIJKL	84.78 ABC
PHY 440 W3FE	871 ABCDEFG	46.0 BCDEFGHIJKLM	4.01 JKLMN	1.19 ABCD	83.78 BCDEFGHIJK
PX3B07W3FE	842 ABCDEF GH	45.8 CDEFGHIJKLM	4.28 BCDEFGHIJKLM	1.14 FGHIJKLMN	83.90 BCDEFGHIJ
PX4A64W3FE	835 ABCDEF GH	45.8 CDEFGHIJKLM	4.33 BCDEFGHIJKL	1.13 FGHIJKLMNO	84.60 ABCD
DG 3433 B2XF	833 ABCDEF GH	43.9 MNOPQRST	4.61 ABCDE	1.09 QR	82.33 LMN
CROPLAN 9608	831 ABCDEF GH	48.6 A	4.31 BCDEFGHIJKL	1.13 FGHIJKLMNO	83.05 HIJKLMN
CPS 1728 NR B2XF	820 ABCDEF GH	47.3 ABCDEFGH	4.51 ABCDEFGHI	1.16 CDEFGH	84.70 ABC
NG 4689 B2XF	815 ABCDEF GH	41.2 UVW	4.41 ABCDEFGHIJKL	1.11 MNOPQR	83.88 BCDEFGHIJ
PHY 312 WRF	812 ABCDEF GH	45.6 FGHIJKLMN	4.61 ABCDE	1.13 FGHIJKLMNO	84.20 BCDEFGH

ST 4949 GLT	808 ABCDEFGH	45.5 FGHIJKLMNO	4.44 ABCDEFGHIJK	1.10 OPQR	82.70 JKLMN
DP 1725 B2XF	807 ABCDEFGH	47.8 ABCDE	4.85 A	1.13 HIJKLMNPO	82.83 IJKLMN
CROPLAN 3475	783 ABCDEFGHI	43.3 PQRSTU	4.62 ABCDE	1.10 OPQR	83.80 BCDEFGHIJK
PHY 350 W3FE	775 ABCDEFGHIJ	45.9 CDEFGHIJKLM	4.67 ABCD	1.16 CDEFGHI	84.95 AB
DP 1823 NRB2XF	773 ABCDEFGHIJ	45.7 EFGHIJKLMN	4.07 HIJKLMN	1.15 EFGHIJK	83.75 BCDEFGHIJK
17R931NRB3XF	762 BCDEFGHIJ	48.2 AB	4.29 BCDEFGHIJKLM	1.13 FGHIJKLMNO	84.38 BCDEFG
BX 1976GLTP	754 BCDEFGHIJ	44.9 IJKLMNOPQ	4.18 DEFGHIJKLMN	1.13 IJKLMNOPQ	82.93 HIJKLMN
PX5C09W3FE	748 CDEFGHIJ	47.4 ABCDEFG	4.41 ABCDEFGHIJKL	1.10 PQR	83.10 GHIJKLMN
CPS 18504-C	742 CDEFGHIJ	43.4 OPQRSTU	4.33 BCDEFGHIJKL	1.16 CDEFGHI	83.75 BCDEFGHIJK
PX3C06W3FE	734 CDEFGHIJ	46.4 BCDEFGHIJK	4.69 ABC	1.13 FGHIJKLMNO	83.15 GHIJKLMN
PX4A69W3FE	728 CDEFGHIJK	47.5 ABCDEF	3.80 MNO	1.13 FGHIJKLMNO	83.18 FGHIJKLMN
ST 5471GLTP	727 CDEFGHIJK	44.7 JKLMNOPQ	4.01 IJKLMN	1.12 KLMNOPQR	82.00 N
CPS 18817 B3XF	716 DEFGHIJK	44.4 KLMNOPQR	4.44 ABCDEFGHIJKL	1.11 MNOPQR	83.18 FGHIJKLMN
PHY 430 W3FE	713 DEFGHIJK	47.1 ABCDEFGH	4.38 ABCDEFGHIJKL	1.11 LMNOPQR	83.85 BCDEFGHIJ
NG 4777 B2XF	697 DEFGHIJKL	44.6 KLMNOPQR	4.49 ABCDEFGHIJ	1.10 NOPQR	83.13 GHIJKLMN
PHY 444 WRF	696 DEFGHIJKL	45.6 FGHIJKLMN	4.12 EFGHIJKLMN	1.21 A	84.50 ABCDE
CPS 18501-B	695 DEFGHIJKL	41.8 TUVW	3.32 O	1.20 AB	85.73 A
DP 1646 B2XF	686 DEFGHIJKL	47.1 ABCDEFGH	4.88 A	1.19 ABC	83.58 CDEFGHIJKL
17R818B3XF	682 DEFGHIJKL	45.2 GHIJKLMNPO	4.40 ABCDEFGHIJKL	1.16 CDEFGHIJ	83.57 BCDEFGHIJKL
DP 1614 B2XF	679 DEFGHIJKL	46.8 ABCDEFGHIJ	4.68 ABCD	1.14 FGHIJKLMN	83.50 CDEFGHIJKL
DP 1518 B2XF	657 DEFGHIJKL	43.6 NOPQRST	4.09 GHIJKLMN	1.14 EFGHIJKL	83.88 BCDEFGHIJ
	653			1.13	83.63

PHY 340 W3FE	DEFGHIJKL	47.9 ABCD	4.49 ABCDEFGHIJ	FGHIJKLMNO	CDEFGHIJKL
CPS 18507-D	646 DEFGHIJKL	44.5 KLMNOPQR	4.52 ABCDEFGH	1.13 GHIJKLMNOP	84.48 ABCDEF
PHY 300 W3FE	632 DEFGHIJKL	45.8 DEFGHIJKLM	4.08 HIJKLMN	1.12 JKLMNOPQ	83.83 BCDEFGHIJ
BX 1974GLTP	632 DEFGHIJKL	46.4 BCDEFGHIJK	4.20 CDEFGHIJKLM	1.15 DEFGHIJK	83.35 DEFGHIJKLM
NG 3780 B2XF	614 DEFGHIJKL	42.2 STUVW	4.30 BCDEFGHIJKL	1.12 KLMNOPQR	82.05 MN
PHY 330 W3FE	595 EFGHIJKL	47.0 ABCDEFGHI	4.16 EFGHIJKLMN	1.12 JKLMNOPQ	83.23 EFGHIJKLMN
NG 3729 B2XF	594 EFGHIJKL	42.2 STUVW	4.25 BCDEFGHIJKLM	1.14 EFGHIJKLM	83.65 BCDEFGHIJK
NG 4601 B2XF	588 EFGHIJKL	45.2 HIJKLMNOP	4.74 AB	1.14 EFGHIJKL	82.93 HIJKLMN
ST 5818GLTP	583 EFGHIJKL	42.2 STUVW	4.26 BCDEFGHIJKLM	1.13 HIJKLMNOP	83.03 HIJKLMN
NG 3699 B2XF	565 FGHIJKL	40.6 W	4.06 HIJKLMN	1.16 DEFGHIJK	83.65 BCDEFGHIJK
CROPLAN 9178	564 FGHIJKL	46.3 BCDEFGHIJKL	4.54 ABCDEFGH	1.10 MNOPQR	82.85 IJKLMN
DP 1820 B3XF	560 FGHIJKL	44.6 KLMNOPQR	4.66 ABCD	1.17 ABCDE	84.95 AB
ST 5517GLTP	548 FGHIJKL	41.8 TUVW	3.97 KLMN	1.12 JKLMNOPQ	82.10 MN
WinField United 18XC9	524 GHIJKL	44.4 KLMNOPQR	4.61 ABCDEF	1.17 BCDEF	84.23 BCDEFGH
DG 3214 B2XF	518 HIJKL	43.4 OPQRSTU	4.24 BCDEFGHIJKLM	1.11 MNOPQR	83.63 CDEFGHIJKL
ST 5122 GLT	499 HIJKL	42.6 RSTUVW	4.13 EFGHIJKLMN	1.11 LMNOPQR	82.33 LMN
BX 1975GLTP	499 HIJKL	47.1 ABCDEFGHI	4.27 BCDEFGHIJKLM	1.14 FGHIJKLMN	83.93 BCDEFGHIJ
CPS 18506-D	455 IJKL	44.7 JKLMNOPQR	4.11 FGHIJKLMN	1.13 HIJKLMNOP	84.23 BCDEFGH
ST 5020 GLT	451 IJKL	41.2 VW	3.94 LMN	1.16 CDEFGHI	84.08 BCDEFGHI
BX 1973GLTP	426 JKL	47.1 ABCDEFGH	4.23 CDEFGHIJKLM	1.14 EFGHIJKL	83.15 GHIJKLMN
CPS 18504-D	381 KL	44.2 LMNOPQRS	3.69 NO	1.16 CDEFGHIJ	83.73 BCDEFGHIJK
AMX 1801 B3XF	355 L	43.0 QRSTUV	4.59 ABCDEFG	1.17 CDEFG	84.95 AB

	<b>Strength</b>	<b>Elongation</b>	<b>rd</b>	<b>+b</b>	<b>Leaf</b>
PX3B09W3FE	33.03 BCDEFGHI	5.18 PQRSTUV	72.73 ABCDEFGHIJKLM	7.63 PQRST	7.5 ABC
DG 3385 B2XF	30.05 OPQR	6.48 ABCD	73.60 ABCDEFG	8.73 ABCDE	6.25 D
PX5D28BW3FE	32.00 GHIJKLM	4.98 STUVWX	70.45 IJKLMNOP	7.75 NOPQRS	8 A
17R821B3XF	30.65 LMNOPQR	7.00 A	71.98 BCDEFGHIJKLMN	8.55 BCDEFG	7.25 ABCD
PHY 480 W3FE	31.95 GHIJKLM	6.45 ABCD	71.90 BCDEFGHIJKLMN	8.65 ABCDE	8 A
PX5B73W3FE	31.68 HIJKLMNO	5.70 FGHIJKLMN	69.45 P	7.75 NOPQRS	8 A
PHY 320 W3FE	32.05 FGHIJKLM	5.63 HIJKLMN	70.05 MNOP	8.30 DEFGHIJKL	8 A
PHY 440 W3FE	35.25 A	5.25 OPQRSTU	70.58 IJKLMNOP	8.68 ABCDE	7.75 AB
PX3B07W3FE	32.88 BCDEFGHIJK	5.20 PQRSTU	72.65 ABCDEFGHIJKLM	7.85 LMNOPQ	7.75 AB
PX4A64W3FE	33.95 ABCD	5.85 EFGHIJKLMN	71.90 BCDEFGHIJKLMN	8.18 FGHIJKLMN	8 A
DG 3433 B2XF	29.90 PQRS	5.03 RSTUVWX	72.38 ABCDEFGHIJKLMN	7.98 HIJKLMN	7.25 ABCD
CROPLAN 9608	29.45 RS	4.58 WXYZ	70.83 IJKLMNOP	8.53 BCDEFG	8 A
CPS 1728 NR B2XF	32.98 BCDEFGHIJK	6.10 CDEFGHIJ	72.93 ABCDEFGHIJ	8.58 ABCDEF	6.5 CD
NG 4689 B2XF	31.80 GHIJKLMNO	4.38 YZ	70.90 HIJKLMN	8.30 DEFGHIJKL	7.75 AB
PHY 312 WRF	32.38 CDEFGHIJKL	5.70 FGHIJKLMN	71.18 FGHIJKLMN	8.10 GHIJKLMNO	7.5 ABC
ST 4949 GLT	30.13 NOPQR	5.80 EFGHIJKLMN	72.55 ABCDEFGHIJKLM	8.33 DEFGHIJK	7.25 ABCD
DP 1725 B2XF	29.58 QRS	4.93 TUVWXY	73.58 ABCDEFG	8.63 ABCDEF	6.5 CD
CROPLAN 3475	31.73 GHIJKLMNO	6.70 AB	71.45 DEFGHIJKLMN	8.40 CDEFGHI	7.75 AB
PHY 350 W3FE	32.60 CDEFGHIJK	6.20 BCDEFGH	72.33 BCDEFGHIJKLMN	8.35 DEFGHIJ	7.75 AB
DP 1823 NRB2XF	32.23 DEFGHIJKLM	6.28 BCDEF	71.40 EFGHIJKLMN	8.10 GHIJKLMNO	7.5 ABC
17R931NRB3XF	33.00 BCDEFGHIJ	6.00 CDEFGHIJK	69.85 NOP	8.18 FGHIJKLMN	8 A
BX 1976GLTP	32.10 FGHIJKLM	4.48 XYZ	73.00 ABCDEFGHI	7.98 HIJKLMN	7.5 ABC

PX5C09W3FE	32.20 DEFGHIJKLM	6.23 BCDEFG	72.23 BCDEFGHIJKLMNO	7.93 JKLMNOPQ	7.5 ABC
CPS 18504-C	28.28 S	5.23 OPQRSTU	70.18 LMNOP	7.38 RST	8 A
PX3C06W3FE	31.23 JKLMNOPQ	5.00 STUVWX	69.80 OP	7.65 OPQRST	8 A
PX4A69W3FE	31.33 IJKLMNOPQ	5.93 DEFGHIJKL	71.00 HIJKLMNOP	8.43 CDEFGH	8 A
ST 5471GLTP	31.78 GHIJKLMNO	5.60 IJKLMNOPQR	71.75 CDEFGHIJKLMNOP	7.68 OPQRST	8 A
CPS 18817 B3XF	30.83 LMNOPQR	6.98 A	72.80 ABCDEFGHIJK	8.18 FGHIJKLMN	7 ABCD
PHY 430 W3FE	31.83 GHIJKLMN	6.33 BCDE	70.95 HIJKLMNOP	8.93 AB	7 ABCD
NG 4777 B2XF	31.70 HIJKLMNO	5.38 LMNOPQRSTU	71.75 CDEFGHIJKLMNOP	8.75 ABCD	7.5 ABC
PHY 444 WRF	33.13 BCDEFGH	5.08 QRSTUVW	72.90 ABCDEFGHIJ	8.28 EFGHIJKLM	7.75 AB
CPS 18501-B	33.08 BCDEFGHI	6.10 CDEFGHIJ	70.43 JKLMNOP	7.80 NOPQR	8 A
DP 1646 B2XF	29.73 PQRS	5.90 DEFGHIJKLM	74.10 ABC	7.83 MNOPQR	7 ABCD
17R818B3XF	32.90 BCDEFGHIJK	5.30 MNOPQRSTU	73.97 ABCDE	7.30 ST	7.33333 ABCD
DP 1614 B2XF	32.03 GHIJKLM	6.23 BCDEFG	71.58 CDEFGHIJKLMNOP	8.40 CDEFGHI	7.25 ABCD
DP 1518 B2XF	31.73 GHIJKLMNO	5.40 LMNOPQRST	72.60 ABCDEFGHIJKLM	7.88 KLMNOPQ	8 A
PHY 340 W3FE	31.68 HIJKLMNO	5.28 NOPQRSTU	70.88 HIJKLMNOP	8.63 ABCDEF	7.75 AB
CPS 18507-D	32.05 FGHIJKLM	6.58 ABC	73.73 ABCDEF	8.65 ABCDE	6.5 CD
PHY 300 W3FE	32.13 EFGHIJKLM	4.90 TUVWXY	72.00 BCDEFGHIJKLMNOP	8.60 ABCDEF	7.75 AB
BX 1974GLTP	32.33 CDEFGHIJKL	5.60 IJKLMNOPQR	74.90 A	8.33 DEFGHIJK	6.25 D
NG 3780 B2XF	32.23 DEFGHIJKLM	5.13 PQRSTUVW	69.80 OP	8.18 FGHIJKLMN	7.75 AB
PHY 330 W3FE	30.75 LMNOPQR	4.93 TUVWXY	70.25 KLMNOP	8.83 ABC	7.75 AB
NG 3729 B2XF	30.63 LMNOPQR	6.13 BCDEFGHI	72.73 ABCDEFGHIJKL	8.55 BCDEFG	6.5 CD
NG 4601 B2XF	33.88 ABCDE	5.48 KLMNOPQRST	71.38 EFGHIJKLMNOP	7.80 NOPQR	7 ABCD

ST 5818GLTP	32.00 GHIJKLM	4.80 UVWXYZ	73.43 ABCDEFGH	7.65 OPQRST	7.25 ABCD
NG 3699 B2XF	32.35 CDEFGHIJKL	4.60 VWXYZ	72.03 BCDEFGHIJKLMNO	8.55 BCDEFG	7.5 ABC
CROPLAN 9178	31.70 HIJKLMNO	5.15 PQRSTUVWXYZ	71.63 CDEFGHIJKLMNOP	8.40 CDEFGHI	7.5 ABC
DP 1820 B3XF	34.43 AB	4.25 Z	71.10 GHIJKLMNOP	7.90 JKLMNOPQ	7.75 AB
ST 5517GLTP	31.90 GHIJKLM	5.10 QRSTUVW	73.98 ABCD	7.95 JKLMNOPQ	7.5 ABC
WinField United 18XC9	34.08 ABC	5.18 PQRSTUV	72.05 BCDEFGHIJKLMNO	7.23 T	8 A
DG 3214 B2XF	31.23 KLMNOPQ	6.28 BCDEF	71.33 EFGHIJKLMNOP	9.03 A	6.75 BCD
ST 5122 GLT	30.53 MNOPQR	5.23 OPQRSTU	74.43 AB	8.18 FGHIJKLMN	6.75 BCD
BX 1975GLTP	31.38 HIJKLMNOP	5.53 JKLMNOPQRS	71.80 CDEFGHIJKLMNOP	8.65 ABCDE	7.25 ABCD
CPS 18506-D	32.23 DEFGHIJKLM	5.70 FGHIJKLMNOP	72.65 ABCDEFGHIJKL	8.50 BCDEFG	7.75 AB
ST 5020 GLT	33.80 ABCDEF	5.60 JKLMNOPQR	73.40 ABCDEFGH	7.83 MNOPQR	7 ABCD
BX 1973GLTP	33.48 BCDEFG	6.18 BCDEFGHI	70.73 IJKLMNOP	8.55 BCDEFG	7 ABCD
CPS 18504-D	29.15 RS	5.10 QRSTUVW	71.73 CDEFGHIJKLMNOP	7.60 PQRST	7.75 AB
AMX 1801 B3XF	31.25 JKLMNOPQ	5.65 GHIJKLMNOPQ	72.80 ABCDEFGHIJK	7.50 QRST	7.75 AB

**Means followed by same letter do not significantly differ, Pvalues were as follows,  
Lint yield, P=0.0027, Turnout, Mic, Length, Uniformity, Strength, Elongation, +b, P<.0001, rd, P=0.0007,  
and Leaf, P=0.0264.**

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