

# 2018 Cotton Performance Testing Results

University of Missouri-Fisher Delta Research Center					
Irrigated Silt OVT					
Location: Lee Farm, MO					
Investigator: Calvin Meeks					
Planted May 7, 2018 Harvested September 28, 2018					
	Lint Yield (lb/ac)	% Turnout	Mic	Length	Uniformity
PX5B73W3FE	2076.7 A	42.9 FGHIJKLM	4.48 DEFGHIJKLMNO	1.1775 MNOPQRSTU	83.2 JKLMNOPQ
PX5C09W3FE	1983.73 AB	45.7 A	4.625 BCDEFGHIJ	1.1775 MNOPQRSTU	84.025 BCDEFGHIJKLM
DP 1646 B2XF	1965.38 ABC	43.5 CDEFGHIJ	4.64 BCDEFGHIJ	1.2825 A	84.7 ABCDE
DP 1725 B2XF	1933.32 ABCD	45.4 AB	4.89 AB	1.1925 HIJKLMNO	83.625 EFGHIJKLMNO
17R931NRB3XF	1917.72 ABCD	44.2 BCDEFG	4.265 IJKLMNOPQRST	1.22 CDEFGH	84.75 ABCDE
PX3B09W3FE	1907.22 ABCD	44 CDEFGH	4.4775 DEFGHIJKLMNO	1.18 LMNOPQRSTU	83.4 HIJKLMNO
DP 1820 B3XF	1898.24 ABCD	44 CDEFGH	4.865 ABC	1.2625 AB	84.175 ABCDEFGHIJK
PHY 480 W3FE	1897.12 ABCD	42.6 IJKLMN	4.3625 FGHIJKLMNOPQR	1.165 QRSTUV	84.025 BCDEFGHIJKLM
CROPLAN 9608	1888.85 ABCD	44.4 ABCDE	4.655 BCDEFGH	1.17 OPQRSTUV	82.3 PQR
BX 1974GLTP	1844.5 ABCDE	44.8 ABC	4.6475 BCDEFGH	1.2 FGHIJKLMN	84.425 ABCDEFGHI
ST 4949 GLT	1842.76 ABCDE	44.7 ABC	4.5625 BCDEFGHIJKLM	1.1625 RSTUV	83.475 FGHIJKLMNO
PX5D28BW3FE	1794.66 ABCDEF	44.7 ABC	4.4125 FGHIJKLMNOPQR	1.1825 KLMNOPQRST	83.425 GHIJKLMNO
BX 1973GLTP	1794.46 ABCDEF	44.8 ABC	4.4875 CDEFGHIJKLMNO	1.165 QRSTUV	83.425 GHIJKLMNO
PHY 430 W3FE	1786.9 ABCDEF	44.2 BCDEF	4.2925 HIJKLMNQRST	1.155 TUVW	83.9 BCDEFGHIJKLMN
PX4A64W3FE	1784.98 ABCDEF	43.4 CDEFGHIJ	4.0875 PQRST	1.1675 PQRSTUV	84.525 ABCDEF

PHY 340 W3FE	1750.03 ABCDEF	43.7 CDEFGHI	4.24 KLMNOPQRST	1.18 LMNOPQRSTU	83.25 IJKLMNOPQ
CPS 1728 NR B2XF	1745.1 ABCDEF	42.7 HIJKLM	4.35 GHIJKLMNOPQR	1.2275 CDEF	84.6 ABCDEFG
PHY 330 W3FE	1739.14 ABCDEF	43.9 CDEFGH	4.18 NOPQRST	1.1675 PQRSTUV	83.05 KLMNOPQ
CPS 18507-D	1733.01 ABCDEF	43.7 CDEFGHI	4.68 BCDEFG	1.17 OPQRSTUV	84.175 ABCDEFGHIJK
PX3B07W3FE	1732.75 ABCDEF	43 FGHIJKLM	4.265 IJKLMNOPQRST	1.21 EFGHIJK	83.8 CDEFGHIJKLMN
PHY 300 W3FE	1725.99 ABCDEF	44 CDEFGH	4.155 OPQRST	1.1725 NOPQRSTUV	83.875 BCDEFGHIJKLMN
CPS 18501-B	1716.19 ABCDEF	40.4 QRST	4.04 RST	1.24 BCD	84.95 ABC
ST 5471GLTP	1704.98 ABCDEF	42.3 JKLMNO	4.2625 JKLMNOPQRST	1.185 JKLMNOPQRS	82.575 OPQ
ST 5122 GLT	1699.66 ABCDEF	41.2 NOPQR	4.3875 FGHJKLMNOPQR	1.1475 VW	82.275 QR
ST 5818GLTP	1699.65 ABCDEF	41.1 OPQRS	4.6375 BCDEFGHIJ	1.225 CDEFG	83.625 EFGHIJKLMNO
CPS 18817 B3XF	1693.51 ABCDEFG	43.5 CDEFGHIJ	4.8825 AB	1.1725 NOPQRSTUV	84.55 ABCDEFGH
PHY 312 WRF	1693.44 ABCDEFG	42.3 JKLMNO	4.2625 JKLMNOPQRST	1.2275 CDEF	85.275 A
PHY 444 WRF	1662.67 ABCDEFGH	42.8 HIJKLM	3.9425 ST	1.28 A	84.7 ABCDE
PHY 440 W3FE	1630.15 ABCDEFGHI	42.7 HIJKLM	3.8875 T	1.2425 BC	84.025 BCDEFGHIJKLM
17R821B3XF	1612.17 ABCDEFGHIJ	43.3 DEFGHIJK	4.6175 BCDEFGHIJK	1.1575 STUVW	83.825 CDEFGHIJKLMN
DP 1614 B2XF	1607.7 ABCDEFGHIJ	44.6 ABCD	4.6475 BCDEFGH	1.23 CDE	85.05 AB
NG 4601 B2XF	1606.11 ABCDEFGHIJ	43.9 CDEFGHI	5.0775 A	1.195 HIJKLMNOP	83.875 BCDEFGHIJKLMN
PHY 320 W3FE	1606.04 ABCDEFGHIJ	42.3 JKLMNO	4.285 HIJKLMNOPQRS	1.1825 KLMNOPQRST	84.65 ABCDEF
DP 1518 B2XF	1602.94 ABCDEFGHIJ	40.8 PQRS	4.1475 OPQRST	1.2025 EFGHIJKLM	83.675 DEFGHIJKLMNO
CROPLAN 3475	1562.41 BCDEFGHIJ	40.4 QRST	4.565 BCDEFGHIJKL	1.1575 STUVW	84.075 BCDEFGHIJKL
CPS 18506-D	1561.07 BCDEFGHIJ	42.7 HIJKLM	4.4525 DEFGHIJKLMNOP	1.1925 HIJKLMNOPQ	84.375 ABCDEFGHIJ
PX4A69W3FE	1551.88 BCDEFGHIJ	43.7 CDEFGHI	3.9025 T	1.1875 IJKLMNOPQR	83.9 BCDEFGHIJKLMN
		41.6	4.335	1.18	84.475

DG 3385 B2XF	1547.21 BCDEFGHIJ	MNOPQ	GHIJKLMNOPQR	LMNOPQRSTU	ABCDEFGH
BX 1976GLTP	1531.9 BCDEFGHIJ	43.9 CDEFGHI	4.8275 ABCD	1.1725 NOPQRSTUV	83.575 EFGHIJKLMNO
17R818B3XF	1530.63 BCDEFGHIJ	42.8 GHIJKLM	4.5 CDEFGHIJKLMNO	1.24 BCD	84.825 ABCD
CROPLAN 9178	1523.97 BCDEFGHIJ	43.7 CDEFGHI	4.6425 BCDEFGHI	1.185 JKLMNOPQRS	84.05 BCDEFGHIJKL
PHY 350 W3FE	1522.95 BCDEFGHIJ	41.3 NOPQR	4.395 FGHIJKLMNOPQR	1.2025 EFGHIJKLM	84.35 ABCDEFGHIJ
PX3C06W3FE	1495.46 CDEFGHIJ	41.8 LMNOP	4.2375 LMNOPQRST	1.1875 IJKLMNOPQR	82.8 NOPQ
WinField United 18XC9	1481.28 DEFGHIJ	41.9 LMNOP	4.48 DEFGHIJKLMNO	1.26 AB	85.35 A
NG 3729 B2XF	1477.96 DEFGHIJ	41.2 OPQR	4.6725 BCDEFG	1.18 LMNOPQRSTU	83.1 KLMNOPQ
ST 5517GLTP	1471.95 DEFGHIJ	39.4 TU	4.2425 KLMNOPQRST	1.2025 EFGHIJKLM	83.025 KLMNOPQ
DG 3433 B2XF	1404.24 EFGHIJ	41.3 NOPQR	4.4775 DEFGHIJKLMNO	1.1325 W	81.15 R
BX 1975GLTP	1394.11 EFGHIJ	44 CDEFGH	4.8 ABCDE	1.1975 GHIJKLMNO	82.85 MNOPQ
AMX 1801 B3XF	1387.52 EFGHIJ	40.9 PQRS	4.735 ABCDEF	1.2275 CDEF	84.55 ABCDEFGH
DG 3214 B2XF	1361.43 FGHIJ	41.1 OPQRS	4.655 BCDEFGH	1.1675 PQRSTUV	84.2 ABCDEFGHIJK
CPS 18504-C	1358.45 EFGHIJ	40.2 RSTU	4.15 OPQRST	1.21 EFGHIJK	83.7 DEFGHIJKLMNO
ST 5020 GLT	1357.54 FGHIJ	38.8 U	4.4575 DEFGHIJKLMNOP	1.2125 DEFGHIJ	83.75 DEFGHIJKLMNO
NG 4689 B2XF	1217.88 GHIJ	39.8 STU	4.185 MNOPQRST	1.1525 UVW	82.25 QR
NG 3699 B2XF	1216.08 GHIJ	39 U	4.4375 EFGHIJKLMNOPQ	1.2275 CDEF	82.6 OPQ
DP 1823 NRB2XF	1190.47 HIJ	43.2 EFGHIJKL	4.0675 QRST	1.215 CDEFGHI	83.8 CDEFGHIJKLMN
CPS 18504-D	1189.56 HIJ	42 KLMNOP	4.0375 RST	1.2075 EFGHIJKL	82.925 LMNOPQ
NG 4777 B2XF	1175.73 IJ	39.5 TU	4.08 PQRST	1.1825 KLMNOPQRST	83.275 IJKLMNOPQ
NG 3780 B2XF	1144.74 J	39.4 TU	4.5375 BCDEFGHIJKLMN	1.1975 GHIJKLMNO	82.95 LMNOPQ
	<b>Strength</b>	<b>Elongation</b>	<b>rd</b>	<b>+b</b>	<b>Leaf</b>

PX5B73W3FE	30.35 NOPQRSTU	5.25 MNOPQ	71.675 ABCDEFGHIJ	8.175 BCDEFGHIJKL	7 BCD
PX5C09W3FE	31.2 EFGHIJKLMNOPQ	5.825 FGHIJK	68.85 LMNOPQRS	8 FGHJKLMNPO	8 A
DP 1646 B2XF	29.475 TUVW	5.6 KLM	73.325 AB	7.675 MNOPQRSTU	7.25 ABCD
DP 1725 B2XF	29.75 RSTUV	4.7 TUVW	70.85 CDEFGHIJKLMN	8.175 BCDEFGHIJKL	7.25 ABCD
17R931NRB3XF	30.8 FGHJKLMNPOQRSTU	6.225 BCDE	70.7 CDEFGHIJKLMNO	8.25 BCDEFGHIJ	7.25 ABCD
PX3B09W3FE	31.625 CDEFGHIJKLMNO	4.975 QRSTU	69.425 IJKLMNOPQR	7.8 JKLMNOPQRS	8 A
DP 1820 B3XF	32.65 BCD	4.175 X	70.05 FGHJKLMNPOQ	7.7 LMNOPQRST	7.75 AB
PHY 480 W3FE	30.55 KLMNOPQRSTU	6.35 BCD	71.75 ABCDEFGHI	8.5 ABCDE	6.75 CDE
CROPLAN 9608	28.925 VW	4.6 UVW	70.575 CDEFGHIJKLMNOP	8.525 ABCD	7.5 ABC
BX 1974GLTP	30.4 MNOPQRSTU	5.725 HIJKL	70.2 EFGHIJKLMNPOQ	8.075 DEFGHIJKLMN	7.5 ABC
ST 4949 GLT	30.425 LMNOPQRSTU	5.575 KLMN	70.15 EFGHIJKLMNPOQ	8.425 ABCDEFGH	7.5 ABC
PX5D28BW3FE	31.1 EFGHIJKLMNPOQR	4.8 STUVW	69.4 JKLMNOPQR	8.425 ABCDEFGH	7.75 AB
BX 1973GLTP	31.825 CDEFGHIJKL	6.025 DEFGHI	69.35 JKLMNOPQR	8.15 CDEFGHIJKLM	7.75 AB
PHY 430 W3FE	31.8 CDEFGHIJKLM	5.7 HIJKL	68.35 PQRS	8.825 A	7.5 ABC
PX4A64W3FE	33.35 AB	5.725 HIJKL	69.75 GHIJKLMNPOQR	8.65 AB	8 A
PHY 340 W3FE	30.3 OPQRSTUV	5.2 NOPQR	68.7 MNOPQRS	8.125 CDEFGHIJKLMN	8 A
CPS 1728 NR B2XF	29.8 QRSTUV	6.025 DEFGHI	69.6 GHIJKLMNPOQR	8.075 DEFGHIJKLMN	7.75 AB
PHY 330 W3FE	30.275 OPQRSTUV	4.925 QRSTU	69.625 GHIJKLMNPOQR	8.575 ABC	7 BCD
CPS 18507-D	30.725 HIJKLMNPOQRSTU	6.525 ABC	72.725 ABCD	8.525 ABCD	5.75 F
PX3B07W3FE	32.2 BCDEF	5.1 PQRS	69.925 GHIJKLMNPOQ	8.025 EFGHIJKLMNO	8 A
PHY 300 W3FE	30.575 JKLMNOPQRSTU	5.425 LMNOP	71.2 BCDEFGHIJK	8.35 ABCDEFGHI	7.25 ABCD
CPS 18501-B	31.5 CDEFGHIJKLMNO	6.15 CDEFG	68.8 MNOPQRS	7.525 PQRSTUV	8 A
		5.625	71.675	7.725	

ST 5471GLTP	32.025 BCDEFGHI	JKLM	ABCDEFGHJIJ	KLMNOPQRST	7.75 AB
ST 5122 GLT	31.325 DEFGHIJKLMNOP	5.85 EFGHIJK	71.025 BCDEFGHIJKLM	7.55 OPQRSTUVWXYZ	8 A
ST 5818GLTP	32.65 BCD	4.975 QRSTU	71.875 ABCDEFG	7.45 STUVW	7.75 AB
CPS 18817 B3XF	30.925 EFGHIJKLMNOPQRS	6.9 A	68.7 MNOPQRS	8.05 DEFGHIJKLMN	8 A
PHY 312 WRF	31.975 BCDEFGHIJ	5.55 KLMN	68.025 QRS	7.5 QRSTUVW	8 A
PHY 444 WRF	30.075 PQRSTUV	4.9 QRSTU	71.775 ABCDEFGH	8.35 ABCDEFGHI	7.5 ABC
PHY 440 W3FE	34.15 A	4.975 QRSTU	70.525 DEFGHIJKLMNOP	8.3 BCDEFGHI	7.75 AB
17R821B3XF	30.375 NOPQRSTU	6.6 AB	70.7 CDEFGHIJKLMNO	7.875 JKLMNOPQRS	7.75 AB
DP 1614 B2XF	30.7 HIJKLMNOPQRSTU	6.2 CDEF	69.8 GHIJKLMNOPQR	8.225 BCDEFGHIJ	8 A
NG 4601 B2XF	31.725 CDEFGHIJKLMN	5.5 KLMNO	72.775 ABCD	7.7 LMNOPQRST	7.25 ABCD
PHY 320 W3FE	32 BCDEFGHI	5.75 HIJKL	67.475 RS	7.675 MNOPQRSTU	8 A
DP 1518 B2XF	29.65 STUV	5.4 LMNOP	68.55 NOPQRS	7.7 LMNOPQRST	8 A
CROPLAN 3475	30.7 HIJKLMNOPQRSTU	6.325 BCD	69.675 GHIJKLMNOPQR	8.4 ABCDEFGH	7.5 ABC
CPS 18506-D	30.45 LMNOPQRSTU	6.075 DEFGH	71.65 ABCDEFGHIJ	8.325 BCDEFGHI	7.25 ABCD
PX4A69W3FE	32.1 BCDEFGH	5.6 KLM	71.15 BCDEFGHIJKL	8.3 BCDEFGHI	7.5 ABC
DG 3385 B2XF	29.4 UVW	6.525 ABC	70 GHIJKLMNOPQ	8.125 CDEFGHIJKLMN	8 A
BX 1976GLTP	31.8 CDEFGHIJKLM	4.5 VWX	71.55 ABCDEFGHIJ	8.175 BCDEFGHIJKL	7 BCD
17R818B3XF	31.75 CDEFGHIJKLMN	5.15 OPQRS	72.9 ABC	7.025 W	7.25 ABCD
CROPLAN 9178	32.275 BCDE	5.05 PQRST	72.475 ABCDE	8.575 ABC	6 EF
PHY 350 W3FE	31.35 DEFGHIJKLMNOP	5.625 JKLM	70.025 FGHIJKLMNOPQ	8.1 CDEFGHIJKLMN	8 A
PX3C06W3FE	30.825 FGHIJKLMNOPQRST	5.25 MNOPQ	68.025 QRS	7.2 UVW	8 A
WinField United 18XC9	32.775 ABC	4.95 QRSTU	71.8 ABCDEFGH	7.1 VW	7.75 AB

NG 3729 B2XF	29.7 RSTUV	6 DEFGHIJ	69.6 GHIJKLMNOPQR	7.975 GHIJKLMNOPQ	7.75 AB
ST 5517GLTP	31.925 CDEFGHIJK	5.15 OPQRS	72.7 ABCD	7.725 KLMNOPQRST	7.5 ABC
DG 3433 B2XF	26.925 X	4.85 RSTUV	69.425 IJKLMNOPQR	7.65 NOPQRSTU	7.75 AB
BX 1975GLTP	30.75 GHIJKLMNOPQRSTU	5.775 GHIJKL	70.3 EFGHIJKLMNOPQ	8.525 ABCD	6.5 DEF
AMX 1801 B3XF	30.375 NOPQRSTU	5.725 HIJKL	73.675 A	7.475 RSTUVW	7.75 AB
DG 3214 B2XF	30.3 OPQRSTUV	6.075 DEFGH	69.1 KLMNOPQR	8.275 BCDEFGHIJ	7.75 AB
CPS 18504-C	28.125 WX	5.275 MNOPQ	70.6 CDEFGHIJKLMNOP	7.275 TUVW	7.75 AB
ST 5020 GLT	32.15 BCDEFG	5.675 IJKL	69.6 GHIJKLMNOPQR	7.95 HIJKLMNOPQR	7.75 AB
NG 4689 B2XF	30.675 IJKLMNOPQRSTU	4.125 X	66.625 S	8.2 BCDEFGHIJK	8 A
NG 3699 B2XF	31.2 EFGHIJKLMNOPQ	4.45 WX	67.475 RS	8.4 ABCDEFGH	8 A
DP 1823 NRB2XF	30.65 IJKLMNOPQRSTU	6.05 DEFGHI	69.475 HIJKLMNOPQR	7.95 HIJKLMNOPQR	8 A
CPS 18504-D	27.45 X	5.05 PQRST	72.35 ABCDEF	7.55 OPQRSTUV	7.75 AB
NG 4777 B2XF	31.8 CDEFGHIJKLM	3.575 Y	68.3 PQRS	8.45 ABCDEFG	8 A
NG 3780 B2XF	32.05 BCDEFGHI	5.575 KLMN	68.4 OPQRS	8.475 ABCDEF	8 A
<b>Means followed by same letter do not significantly differ, Pvalues were as follows, Lint yield, PValue=0.0045, Turnout, Mic, Length, Uniformity, Strength, Elongation, rd, and +b, P&lt;.0001, Leaf., P=0.0003.</b>					

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