

University of Missouri-Fisher Delta Research Center

Irrigated Silt OVT

Location: Lee Farm

PI: Dr. Calvin Meeks

Planted: May 7, 2018 Harvested: September 28, 2018

Variety	Lint Yield/Acre		% Turnout		Mic		Length		Uniformity		Strength		Elongation		rd		+b		Leaf	
PX5B73W3FE	2076.7	A	42.9	FGHIJKLM	4.48	DEFGHIJKLMNO	1.1775	MNOPQRSTU	83.2	JKLMNO	30.35	NOPQRSTU	5.25	MNOPQ	71.675	ABCDEFGHJI	8.175	BCDEFGHIJKL	7	BCD
PX5C09W3FE	1983.73	AB	45.7	A	4.625	BCDEFGHIJ	1.1775	MNOPQRSTU	84.025	BCDEFGHIJKLM	31.2	EFGHIJKLMNO	5.825	FGHIJK	68.85	LMNOPQRS	8	FGHIJKLMN	8	A
DP 1646 B2XF	1965.38	ABC	43.5	CDEFGHIJ	4.64	BCDEFGHIJ	1.2825	A	84.7	ABCDE	29.475	TUVW	5.6	KLM	73.325	AB	7.675	MNOPQRSTU	7.25	ABCD
DP 1725 B2XF	1933.32	ABCD	45.4	AB	4.89	AB	1.1925	HIJKLMNO	83.625	EFGHIJKLMNO	29.75	RSTUV	4.7	TUVW	70.85	CDEFGHIJKLMN	8.175	BCDEFGHIJKL	7.25	ABCD
17R931NRB3XF	1917.72	ABCD	44.2	BCDEFG	4.265	IJKLMNOPQRST	1.22	CDEFGH	84.75	ABCDE	30.8	FGHIJKLMNO	6.225	BCDE	70.7	CDEFGHIJKLMNO	8.25	BCDEFGHIJ	7.25	ABCD
PX3B09W3FE	1907.22	ABCD	44	CDEFGH	4.4775	DEFGHIJKLMNO	1.18	LMNOPQRSTU	83.4	HIJKLMNO	31.625	CDEFGHIJKLMNO	4.975	QRSTU	69.425	IJKLMNOPQR	7.8	JKLMN	8	A
DP 1820 B3XF	1898.24	ABCD	44	CDEFGH	4.865	ABC	1.2625	AB	84.175	ABCDEF	32.65	BCD	4.175	X	70.05	FGHIJKLMNO	7.7	LMNOPQRST	7.75	AB
PHY 480 W3FE	1897.12	ABCD	42.6	IJKLMN	4.3625	FGHIJKLMNO	1.165	QRSTU	84.025	BCDEFGHIJKLM	30.55	LMNOPQRSTU	6.35	BCD	71.75	ABCDEFGHI	8.5	ABCDE	6.75	CDE
CROPLAN 9608	1888.85	ABCD	44.4	ABCDE	4.655	BCDEFGH	1.17	OPQRSTU	82.3	PQR	28.925	VW	4.6	UVW	70.575	CDEFGHIJKLM	8.525	ABCD	7.5	ABC
BX 1974GLTP	1844.5	ABCDE	44.8	ABC	4.6475	BCDEFGH	1.2	FGHIJKLMN	84.425	ABCDEF	30.4	MNOPQRSTU	5.725	HIJKL	70.2	FGHIJKLMNO	8.075	DEFGHIJKLM	7.5	ABC
ST 4949 GLT	1842.76	ABCDE	44.7	ABC	4.5625	BCDEFGHIJKLM	1.1625	RSTUV	83.475	FGHIJKLMNO	30.425	LMNOPQRSTU	5.575	KLMN	70.15	FGHIJKLMNO	8.425	ABCDEF	7.5	ABC
PX5D28BW3FE	1794.66	ABCDEF	44.7	ABC	4.4125	FGHIJKLMNO	1.1825	KLMNOPQRST	83.425	GHIJKLMNO	31.1	EFGHIJKLMNO	4.8	STUVW	69.4	JKLMNO	8.425	ABCDEF	7.75	AB
BX 1973GLTP	1794.46	ABCDEF	44.8	ABC	4.4875	CDEFGHIJKLMNO	1.165	QRSTU	83.425	GHIJKLMNO	31.825	CDEFGHIJKL	6.025	DEFGHI	69.35	JKLMNO	8.15	CDEFGHIJKLM	7.75	AB
PHY 430 W3FE	1786.9	ABCDEF	44.2	BCDEF	4.2925	HIJKLMNO	1.155	TUVW	83.9	BCDEFGHIJKLMN	31.8	CDEFGHIJKLM	5.7	HIJKL	68.35	PQRS	8.825	A	7.5	ABC
PX4A64W3FE	1784.98	ABCDEF	43.4	CDEFGHIJ	4.0875	PQRST	1.1675	PQRSTU	84.525	ABCDEF	33.35	AB	5.725	HIJKL	69.75	GHIJKLMNO	8.65	AB	8	A
PHY 340 W3FE	1750.03	ABCDEF	43.7	CDEFGHI	4.24	KLMNOPQRST	1.18	LMNOPQRSTU	83.25	IJKLMNO	30.3	OPQRSTU	5.2	NOPQR	68.7	MNOPQRS	8.125	CDEFGHIJKLMN	8	A
CPS 1728 NR B2XF	1745.1	ABCDEF	42.7	HIJKLM	4.35	GHIJKLMNO	1.2275	CDEF	84.6	ABCDEF	29.8	QRSTU	6.025	DEFGHI	69.6	GHIJKLMNO	8.075	DEFGHIJKLMN	7.75	AB
PHY 330 W3FE	1739.14	ABCDEF	43.9	CDEFGH	4.18	NOPQRST	1.1675	PQRSTU	83.05	KLMNO	30.275	OPQRSTU	4.925	QRSTU	69.625	GHIJKLMNO	8.575	ABC	7	BCD
CPS 18507-D	1733.01	ABCDEF	43.7	CDEFGHI	4.68	BCDEFG	1.17	OPQRSTU	84.175	ABCDEF	30.725	HIJKLMNO	6.525	ABC	72.725	ABCD	8.525	ABCD	5.75	F
PX3B07W3FE	1732.75	ABCDEF	43	FGHIJKLM	4.265	IJKLMNOPQRST	1.21	EFGHIJK	83.8	CDEFGHIJKLMN	32.2	BCDEF	5.1	PQRS	69.925	GHIJKLMNO	8.025	FGHIJKLMNO	8	A
PHY 300 W3FE	1725.99	ABCDEF	44	CDEFGH	4.155	OPQRST	1.1725	NOPQRSTU	83.875	BCDEFGHIJKLMN	30.575	JKLMNO	5.425	LMNOP	71.2	BCDEFGHIJK	8.35	ABCDEF	7.25	ABCD
CPS 18501-B	1716.19	ABCDEF	40.4	QRST	4.04	RST	1.24	BCD	84.95	ABC	31.5	CDEFGHIJKLMNO	6.15	CDEFG	68.8	MNOPQRS	7.525	PQRSTU	8	A
ST 5471GLTP	1704.98	ABCDEF	42.3	JKLMNO	4.2625	JKLMNO	1.185	JKLMNO	82.575	OPQ	32.025	BCDEFGHI	5.625	JKLM	71.675	ABCDEF	7.725	JKLMNO	7.75	AB
ST 5122 GLT	1699.66	ABCDEF	41.2	NOPQR	4.3875	FGHIJKLMNO	1.1475	VW	82.275	QR	31.325	DEFGHIJKLMNO	5.85	EFGHIJK	71.025	BCDEFGHIJKLM	7.55	OPQRSTU	8	A
ST 5818GLTP	1699.65	ABCDEF	41.1	OPQRS	4.6375	BCDEFGHIJ	1.225	CDEFG	83.625	EFGHIJKLMNO	32.65	BCD	4.975	QRSTU	71.875	ABCDEF	7.45	STUVW	7.75	AB
CPS 18817 B3XF	1693.51	ABCDEF	43.5	CDEFGHIJ	4.8825	AB	1.1725	NOPQRSTU	84.55	ABCDEF	30.925	EFGHIJKLMNO	6.9	A	68.7	MNOPQRS	8.05	DEFGHIJKLMN	8	A
PHY 312 WRF	1693.44	ABCDEF	42.3	JKLMNO	4.2625	JKLMNO	1.2275	CDEF	85.275	A	31.975	BCDEFGHIJ	5.55	KLMN	68.025	QRS	7.5	QRSTU	8	A
PHY 444 WRF	1662.67	ABCDEF	42.8	HIJKLM	3.9425	ST	1.28	A	84.7	ABCDE	30.075	PQRSTU	4.9	QRSTU	71.775	ABCDEF	8.35	ABCDEF	7.5	ABC
PHY 440 W3FE	1630.15	ABCDEF	42.7	HIJKLM	3.8875	T	1.2425	BC	84.025	BCDEFGHIJKLM	34.15	A	4.975	QRSTU	70.525	DEFGHIJKLMNO	8.3	BCDEFGHI	7.75	AB
17R821B3XF	1612.17	ABCDEF	43.3	DEFGHIJK	4.6175	BCDEFGHIJK	1.1575	STUVW	83.825	CDEFGHIJKLMN	30.375	NOPQRSTU	6.6	AB	70.7	CDEFGHIJKLMNO	7.875	IJKLMNOPQRS	7.75	AB
DP 1614 B2XF	1607.7	ABCDEF	44.6	ABCD	4.6475	BCDEFGH	1.23	CDE	85.05	AB	30.7	HIJKLMNO	6.2	CDEF	69.8	GHIJKLMNO	8.225	BCDEFGHIJ	8	A
NG 4601 B2XF	1606.11	ABCDEF	43.9	CDEFGHI	5.0775	A	1.195	HIJKLMNO	83.875	BCDEFGHIJKLMN	31.725	CDEFGHIJKLMN	5.5	KLMNO	72.775	ABCD	7.7	LMNOPQRST	7.25	ABCD
PHY 320 W3FE	1606.04	ABCDEF	42.3	JKLMNO	4.285	HIJKLMNO	1.1825	KLMNOPQRST	84.65	ABCDEF	32	BCDEFGHI	5.75	HIJKL	67.475	RS	7.675	MNOPQRSTU	8	A
DP 1518 B2XF	1602.94	ABCDEF	40.8	PQRS	4.1475	OPQRST	1.2025	EFGHIJKLM	83.675	DEFGHIJKLMNO	29.65	STUV	5.4	LMNOP	68.55	NOPQRS	7.7	LMNOPQRST	8	A
CROPLAN 3475	1562.41	BCDEFGHIJ	40.4	QRST	4.565	BCDEFGHIJKL	1.1575	STUVW	84.075	BCDEFGHIJKL	30.7	HIJKLMNO	6.325	BCD	69.675	GHIJKLMNO	8.4	ABCDEF	7.5	ABC
CPS 18506-D	1561.07	BCDEFGHIJ	42.7	HIJKLM	4.4525	DEFGHIJKLMNO	1.1925	HIJKLMNO	84.375	ABCDEF	30.45	LMNOPQRSTU	6.075	DEFGH	71.65	ABCDEF	8.325	BCDEFGHI	7.25	ABCD
PX4A69W3FE	1551.88	BCDEFGHIJ	43.7	CDEFGHI	3.9025	T	1.1875	IJKLMNOPQR	83.9	BCDEFGHIJKLMN	32.1	BCDEFGH	5.6	KLM	71.15	BCDEFGHIJKL	8.3	BCDEFGHI	7.5	ABC
DG 3385 B2XF	1547.21	BCDEFGHIJ	41.6	MNOPQ	4.335	GHIJKLMNO	1.18	LMNOPQRSTU	84.475	ABCDEF	29.4	UVW	6.525	ABC	70	GHIJKLMNO	8.125	CDEFGHIJKLMN	8	A
BX 1976GLTP	1531.9	BCDEFGHIJ	43.9	CDEFGHI	4.8275	ABCD	1.1725	NOPQRSTU	83.575	EFGHIJKLMNO	31.8	CDEFGHIJKLM	4.5	VWX	71.55	ABCDEF	8.175	BCDEFGHIJKL	7	BCD
17R818B3XF	1530.63	BCDEFGHIJ	42.8	GHIJKLM	4.5	CDEFGHIJKLMNO	1.24	BCD	84.825	ABCD	31.75	CDEFGHIJKLMN	5.15	OPQRS	72.9	ABC	7.025	W	7.25	ABCD
CROPLAN 9178	1523.97	BCDEFGHIJ	43.7	CDEFGHI	4.6425	BCDEFGHI	1.185	JKLMNO	84.05	BCDEFGHIJKL	32.275	BCDE	5.05	PQRST	72.475	ABCDE	8.575	ABC	6	EF
PHY 350 W3FE	1522.95	BCDEFGHIJ	41.3	NOPQR	4.395	FGHIJKLMNO	1.2025	EFGHIJKLM	84.35	ABCDEF	31.35	DEFGHIJKLMNO	5.625	JKLM	70.025	FGHIJKLMNO	8.1	CDEFGHIJKLMN	8	A
PX3C06W3FE	1495.46	CDEFGHIJ	41.8	LMNOP	4.2375	LMNOPQRST	1.1875	IJKLMNOPQR	82.8	NOPQ	30.825	FGHIJKLMNO	5.25	MNOPQ	68.025	QRS	7.2	UVW	8	A
WinField United 18XC9	1481.28	DEFGHIJ	41.9	LMNOP	4.48	DEFGHIJKLMNO	1.26	AB	85.35	A	32.775	ABC	4.95	QRSTU	71.8	ABCDEF	7.1	VW	7.75	AB
NG 3729 B2XF	1477.96	DEFGHIJ	41.2	OPQR	4.6725	BCDEFG	1.18	LMNOPQRSTU	83.1	KLMNO	29.7	RSTUV	6	DEFGHIJ	69.6	GHIJKLMNO	7.975	GHIJKLMNO	7.75	AB
ST 5517GLTP	1471.95	DEFGHIJ	39.4	TU	4.2425	JKLMNO	1.2025	EFGHIJKLM	83.025	KLMNO	31.925	CDEFGHIJK	5.15	OPQRS	72.7	ABCD	7.725	JKLMNO	7.5	ABC
DG 3433 B2XF	1404.24	EFGHIJ	41.3	NOPQR	4.4775	DEFGHIJKLMNO	1.1325	W	81.15	R	26.925	X	4.85	RSTUV	69.425	IJKLMNOPQR	7.65	NOPQRSTU	7.75	AB

BX 1975GLTP	1394.11	EFGHIJ	44	CDEFGH	4.8	ABCDE	1.1975	GHIJKLMNO	82.85	MNOPQ	30.75	GHIJKLMNQRSTU	5.775	GHIJKL	70.3	EFGHIJKLMNO	8.525	ABCD	6.5	DEF
AMX 1801 B3XF	1387.52	EFGHIJ	40.9	PQRS	4.735	ABCDEF	1.2275	CDEF	84.55	ABCDEFGH	30.375	NOPQRSTU	5.725	HIJKL	73.675	A	7.475	RSTUVW	7.75	AB
DG 3214 B2XF	1361.43	FGHIJ	41.1	OPQRS	4.655	BCDEFGH	1.1675	PQRSTUV	84.2	ABCDEFGHIJK	30.3	OPQRSTUV	6.075	DEFGH	69.1	KLMNOPQR	8.275	BCDEFGHIJ	7.75	AB
CPS 18504-C	1358.45	EFGHIJ	40.2	RSTU	4.15	OPQRST	1.21	EFGHIJK	83.7	DEFGHIJKLMNO	28.125	WX	5.275	MNOPQ	70.6	CDEFGHIJKLMNO	7.275	TUVW	7.75	AB
ST 5020 GLT	1357.54	FGHIJ	38.8	U	4.4575	DEFGHIJKLMNO	1.2125	DEFGHIJ	83.75	DEFGHIJKLMNO	32.15	BCDEFG	5.675	IJKL	69.6	GHIJKLMNO	7.95	HIJKLMNO	7.75	AB
NG 4689 B2XF	1217.88	GHIJ	39.8	STU	4.185	MNOPQRST	1.1525	UVW	82.25	QR	30.675	IJKLMNQRSTU	4.125	X	66.625	S	8.2	BCDEFGHIJK	8	A
NG 3699 B2XF	1216.08	GHIJ	39	U	4.4375	EFGHIJKLMNO	1.2275	CDEF	82.6	OPQ	31.2	EFGHIJKLMNO	4.45	WX	67.475	RS	8.4	ABCDEFGH	8	A
DP 1823 NRB2XF	1190.47	HIJ	43.2	EFGHIJKL	4.0675	QRST	1.215	CDEFGHI	83.8	CDEFGHIJKLMN	30.65	IJKLMNQRSTU	6.05	DEFGHI	69.475	HIJKLMNO	7.95	HIJKLMNO	8	A
CPS 18504-D	1189.56	HIJ	42	KLMNOP	4.0375	RST	1.2075	EFGHIJKL	82.925	LMNOPQ	27.45	X	5.05	PQRST	72.35	ABCDEF	7.55	OPQRSTUV	7.75	AB
NG 4777 B2XF	1175.73	IJ	39.5	TU	4.08	PQRST	1.1825	KLMNOPQRST	83.275	IJKLMNO	31.8	CDEFGHIJKLM	3.575	Y	68.3	PQRS	8.45	ABCDEFG	8	A
NG 3780 B2XF	1144.74	J	39.4	TU	4.5375	BCDEFGHIJKLMN	1.1975	GHIJKLMNO	82.95	LMNOPQ	32.05	BCDEFGHI	5.575	KLMN	68.4	OPQRS	8.475	ABCDEF	8	A

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<.0001, Leaf., P=0.0003.