

Advanced Strains Testing Program, Safford, AZ. 2005

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Fiber	Uniformity
	Yield		Lint	Length	Strength	Length	Index	
	(lbs/A)			(32nds)		(GM/Text)	(100ths)	
STX 0414B2RF	2460.2	a	41.7	37.5	4.60	29.4	1.18	82.5
DPLX 05X648DR	2167.3	a b	44.2	36.5	4.15	28.5	1.14	80.4
FMX 1003B2LL	2132.1	a b c	42.8	37.8	4.55	30.6	1.18	81.5
CS 38	2107.4	b c d	41.9	37.8	4.43	29.4	1.18	82.7
CS 44	2064.4	b c d e	42.8	36.3	4.88	30.4	1.13	80.1
ST 4554B2RF	2001.8	b c d e f	42.4	36.0	4.70	27.5	1.12	80.8
SCX-11	1979.4	b c d e f g	43.1	34.3	4.38	29.8	1.07	82.3
CS 37	1963.0	b c d e f g h	40.2	36.5	4.55	28.6	1.14	81.4
DP555BR	1955.7	b c d e f g h	42.3	36.6	3.75	29.1	1.14	80.2
ACGA 39	1935.2	b c d e f g h	40.0	36.3	4.33	28.8	1.14	80.6
ACGA 1	1934.7	b c d e f g h	38.1	36.8	4.50	29.6	1.14	82.0
FM 989B2R	1928.4	b c d e f g h	39.9	37.3	4.20	31.1	1.16	82.2
FM 960B2R	1917.9	b c d e f g h	40.9	37.0	4.45	30.6	1.15	81.7
FM 960RR	1917.3	b c d e f g h	41.5	37.0	4.00	30.9	1.15	81.0
DPLX03X179R	1917.0	b c d e f g h	44.8	37.0	4.53	30.3	1.16	83.2
DP449BR	1910.0	b c d e f g h	41.9	36.3	4.05	30.6	1.13	81.5
DP448B	1892.0	b c d e f g h	37.9	37.0	4.15	29.5	1.16	82.3
ST 5599BR	1883.6	b c d e f g h	41.4	36.3	4.48	28.3	1.14	80.2
ST 4664RF	1878.4	b c d e f g h	41.8	35.8	4.45	27.3	1.11	80.9
CS 41	1874.8	b c d e f g h	40.9	38.0	4.43	28.6	1.19	81.5
DPLX04Y170BR	1856.8	b c d e f g h	40.0	37.0	4.23	27.7	1.15	81.6
ST 4357B2RF	1848.1	b c d e f g h	39.9	37.0	4.10	26.4	1.15	80.2
SCX-12	1839.1	b c d e f g h i	40.0	35.0	4.28	30.9	1.09	82.3
SCX-246	1836.9	b c d e f g h i	39.0	37.0	4.45	31.1	1.16	81.7
ACGA 24	1825.5	c d e f g h i j	41.2	37.8	4.55	29.6	1.17	81.4
ACGA 20	1824.7	c d e f g h i j	39.1	37.3	4.53	30.8	1.16	81.6
DP 147RF	1811.8	c d e f g h i j k	42.1	36.5	4.08	27.9	1.15	79.9
ACGA 22	1798.7	c d e f g h i j k	39.5	36.5	4.13	30.1	1.14	81.1
ST 6611B2RF	1782.8	d e f g h i j k l	38.6	37.3	4.38	31.8	1.16	82.3
DP152RF	1779.4	d e f g h i j k l	39.7	38.0	3.95	28.1	1.19	81.0
ST 5007B2RF	1757.8	e f g h i j k l m	40.8	38.0	4.05	27.9	1.18	81.4
FM 958LL	1757.4	e f g h i j k l m	39.7	38.0	4.40	32.0	1.19	81.7
ST 662RF	1747.8	e f g h i j k l m	39.6	37.3	4.53	32.2	1.17	81.2
ACGA 32	1729.0	f g h i j k l m	39.5	37.0	4.00	28.0	1.16	80.0
STX 0416B2R	1722.8	f g h i j k l m	38.9	35.8	4.58	27.1	1.12	80.7
FMX 9166B2LL	1719.4	f g h i j k l m	41.4	37.0	4.10	30.8	1.16	81.8
DP 113B2RF	1718.3	f g h i j k l m	42.9	36.8	4.35	31.5	1.14	81.3
DP 167RF	1715.5	f g h i j k l m	37.0	38.0	4.25	30.1	1.19	82.3
FMX 5863RRF	1713.8	f g h i j k l m	38.0	37.8	4.58	30.8	1.18	81.8
FM 966LL	1712.7	f g h i j k l m	40.0	36.8	4.40	33.5	1.16	83.1
CS 43	1682.1	f g h i j k l m	38.3	37.8	4.53	29.8	1.18	82.4
FMX 0222B2LL	1672.2	f g h i j k l m	38.2	36.5	4.48	29.6	1.14	80.3
DP 108RF	1669.5	f g h i j k l m	42.7	35.3	4.45	29.2	1.10	79.7
STX 5885B2RF	1666.2	g h i j k l m	36.0	38.0	4.18	29.5	1.19	82.5
ACGA 30	1661.8	g h i j k l m	37.9	37.0	4.28	30.5	1.15	81.4
ACGA 3	1645.1	h i j k l m	35.4	37.5	4.55	29.2	1.18	82.6
FMX 0052B2LL	1644.6	h i j k l m	38.8	37.0	4.65	28.7	1.16	81.4
ACGA 13	1513.6	i j k l m	38.6	36.8	3.95	28.8	1.15	80.5
DP 117B2RF	1507.7	i j k l m	42.5	36.0	4.55	30.4	1.12	79.8
DP 164B2RF	1494.7	j k l m	39.1	38.3	4.25	28.7	1.21	81.3
DP 110RF	1489.0	k l m	43.9	36.3	4.68	31.9	1.13	82.4
DP 156B2RF	1463.9	l m	37.3	36.8	3.85	29.1	1.15	81.0
CS 42	1432.3	m	39.6	37.8	4.53	30.0	1.18	81.6
LSD§	334.3		0.04	1.4	0.35	2.2	0.05	1.7
OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
CV‡	13.1		7.3	2.8	5.8	5.3	2.9	1.5

*Means followed by the same letter are not significantly different according to a Fisher's least significant difference means separation test.

§ Least Significant Difference

† Observed Significance Level

‡ Coefficient of Variation

