

## Advanced Strains Testing Program, Yuma, AZ. 2005

Strain	Lint Yield (lbs/A)	Means Separation*	% Lint	Fiber Length (32nds)	Mic	Fiber Strength (GM/Tex)	Fiber Length (100ths)	Uniformity Index
STX 0401RF	2269.5	a	36.0	35.7	4.70	29.0	1.11	83.3
DP 117B2RF	2262.5	a b	40.2	36.7	4.70	29.6	1.14	81.9
CS 44	2221.0	a b c	41.2	36.3	4.90	29.2	1.13	81.6
STX 0404B2RF	2212.0	a b c	39.1	36.0	4.70	30.7	1.12	83.1
ST 559BR	2123.1	a b c d	37.4	36.3	4.65	30.6	1.13	82.7
DP 113B2RF	2103.6	a b c d e	40.3	37.0	4.60	31.8	1.16	82.8
ACGA 24	2085.1	a b c d e	41.1	37.7	4.20	30.7	1.18	82.8
DP 110RF	2002.8	a b c d e f	37.3	38.0	4.65	33.0	1.18	83.6
ACGA 32	1989.6	b c d e f g	39.9	37.3	4.00	28.7	1.17	82.3
ACGA 30	1988.3	b c d e f g	39.4	37.0	4.30	29.7	1.15	83.1
DP 448B	1955.3	c d e f g h	41.7	36.7	4.20	31.5	1.15	82.2
CS 37	1933.4	d e f g h i	39.4	37.7	4.65	31.1	1.17	83.2
DP 449BR	1911.6	d e f g h i j	40.7	36.3	4.90	30.7	1.14	83.0
STX 0416B2R	1865.0	d e f g h i j k	41.0	36.7	4.65	29.7	1.14	81.7
DP 108RF	1862.2	d e f g h i j k	42.0	36.3	4.00	31.3	1.13	82.8
CS 41	1843.8	e f g h i j k l	39.9	38.7	4.15	30.1	1.21	82.3
ACGA 1	1840.4	e f g h i j k l m	39.7	36.3	4.20	30.9	1.14	82.0
ACGA 20	1796.2	f g h i j k l m n	38.7	37.7	4.55	32.9	1.19	83.5
ACGA 39	1788.4	f g h i j k l m n	39.8	37.0	4.05	30.9	1.16	82.7
ACGA 22	1772.4	f g h i j k l m n o	39.4	37.0	4.10	29.9	1.15	82.3
FM 960RR	1739.7	f g h i j k m n o p	39.7	36.3	4.10	32.0	1.13	81.4
FMX 1003B2LL	1725.1	g h i j k l m n o p	38.6	38.3	4.45	31.8	1.20	82.9
FMX 0052B2LL	1700.4	h i j k l m n o p	40.0	37.3	4.95	31.3	1.18	82.5
DP 147RF	1685.2	h i j k l m n o p q	39.6	37.0	4.05	29.6	1.16	81.8
ACGA 3	1664.7	i j k l m n o p q	35.5	38.3	4.05	29.9	1.21	83.5
FM 0222B2LL	1654.2	j k l m n o p q r	37.9	37.3	4.50	31.1	1.17	83.1
DP 167RF	1653.3	j k l m n o p q r	41.2	39.0	3.75	29.4	1.22	83.5
DP 152RF	1649.2	j k l m n o p q r	40.9	36.7	3.80	28.8	1.14	82.1
FM 958LL	1608.6	k l m n o p q r s	37.9	37.0	4.20	30.2	1.16	82.6
FM 960B2R	1592.3	k l m n o p q r s	36.5	37.7	4.40	30.7	1.18	82.6
DPLX 03X179R	1582.5	l m n o p q r s t	39.0	38.0	4.40	32.3	1.19	83.9
FM 989B2R	1573.8	l m n o p q r s t	39.4	38.0	4.00	33.1	1.19	84.0
DP 164B2RF	1567.8	l m n o p q r s t	38.7	38.7	3.90	30.6	1.21	82.9
FM 966LL	1564.8	m n o p q r s t u	38.1	36.7	4.20	33.5	1.13	83.4
ACGA 7	1562.5	n o p q r s t u	38.9	38.3	4.15	33.2	1.19	84.2
DP 156B2RF	1552.2	n o p q r s t u	39.6	37.0	4.10	28.2	1.15	82.0
FMX 5863RRF	1498.1	o p q r s t u v	38.0	37.7	4.15	33.1	1.18	82.4
SCX-11	1476.1	p q r s t u v	41.2	34.7	4.25	32.9	1.08	83.2
CS 38	1472.1	p q r s t u v	39.2	38.7	4.20	31.6	1.21	84.2
ACGA 13	1415.1	q r s t u v	37.7	38.0	3.90	30.8	1.19	83.6
STX 0403RF	1382.9	r s t u v	35.9	38.0	4.20	33.4	1.19	84.1
CS 42	1363.3	s t u v	38.6	37.7	4.10	33.3	1.18	83.0
FM 9166B2LL	1360.9	s t u v	37.9	37.0	4.25	31.6	1.15	82.1
STX 0414B2RF	1344.8	s t u v	37.9	37.3	4.35	32.8	1.17	83.9
SCX-12	1344.8	s t u v	38.4	38.0	4.00	32.2	1.19	83.8
DPLX 05X648D	1343.6	s t u v	38.3	37.3	4.45	32.1	1.16	82.4
SCX-246	1307.8	t u v	41.2	37.7	4.35	34.0	1.19	83.3
STX 0406B2RF	1306.8	t u v	38.8	37.3	4.40	31.6	1.17	83.2
STX 0405B2RF	1287.7	u v	40.3	38.0	4.30	32.0	1.20	84.7
CS43	1243.3	v	35.7	38.7	4.15	30.3	1.22	83.0
LSD§	277.5		1.9	1.2	0.3	2.5	0.04	1.3
OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
CV‡	10.1		3.0	2.0	3.6	4.9	1.9	1.0

\*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