

Preliminary Strains Testing Program, Yuma, AZ. 2005

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Fiber	Uniformity
	Yield		Lint	Length		Strength	Length	
	(lbs/A)			(32nds)		(GM/Tex)	(100ths)	Index
ST5599BR	2175.0	a	40.9	36.0	5.3	31.2	1.12	82.3
DP448B	2124.7	a b	39.7	36.7	5.2	30.6	1.13	82.6
ACGA79	2050.2	a b c	41.1	37.0	5.0	31.1	1.16	82.8
ACGA78	1973.0	a b c d	38.5	38.3	4.8	32.6	1.20	84.1
ACGA62	1968.2	a b c d	37.5	37.0	5.4	32.8	1.15	82.9
ACGA24	1962.7	a b c d	40.6	37.7	5.1	33.0	1.19	82.6
ACGA65	1940.1	a b c d	36.3	39.3	5.1	31.8	1.23	84.5
ACGA68	1923.7	a b c d	36.1	39.0	5.2	33.0	1.22	84.7
ACGA72	1922.5	a b c d	37.0	37.3	4.9	32.1	1.17	83.1
ACGA48	1911.6	a b c d e	37.5	38.0	5.1	32.5	1.18	83.8
ACGA66	1905.6	a b c d e f	36.8	37.7	5.1	33.9	1.18	83.4
ACGA47	1902.5	a b c d e f	36.8	39.7	5.4	34.1	1.24	84.6
ACGA63	1878.7	b c d e f g	39.2	37.0	4.9	32.4	1.17	82.3
ACGA57	1873.2	b c d e f g	36.3	38.7	5.2	32.5	1.20	83.6
ACGA54	1871.0	b c d e f g	36.1	38.3	5.0	32.4	1.21	84.0
ACGA20	1851.4	b c d e f g h	39.4	38.0	5.3	32.8	1.19	83.4
ACGA82	1845.0	c d e f g h i	39.4	38.3	5.2	33.2	1.20	83.7
ACGA59	1824.0	c d e f g h i	35.9	37.0	5.4	32.6	1.16	83.6
DP449BR	1821.0	c d e f g h i j	39.3	37.0	5.0	32.4	1.15	82.5
ACGA74	1803.5	c d e f g h i j k	40.0	39.3	5.2	32.0	1.23	83.8
ACGA81	1800.4	c d e f g h i j k	35.7	36.7	4.2	29.9	1.15	83.0
ACGA75	1790.0	c d e f g h i j k l	37.7	37.7	4.8	32.2	1.17	83.7
ACGA70	1784.8	c d e f g h i j k l m	36.6	38.3	5.1	31.4	1.19	83.4
ACGA45	1761.8	d e f g h i j k l m n	36.3	38.7	5.2	33.6	1.21	84.0
ACGA69	1747.5	d e f g h i j k l m n	35.5	38.7	5.3	31.3	1.22	84.3
ACGA73	1741.8	d e f g h i j k l m n	41.3	37.0	5.0	32.5	1.16	83.7
ACGA83	1722.9	d e f g h i j k l m n	38.5	38.7	4.6	34.1	1.21	83.4
ACGA55	1717.3	d e f g h i j k l m n	38.7	37.7	5.2	33.5	1.18	83.6
ACGA61	1708.4	d e f g h i j k l m n o	36.5	38.0	4.9	32.6	1.19	82.9
ACGA60	1633.9	e f g h i j k l m n o p	35.7	37.7	5.0	33.2	1.18	82.6
ACGA80	1628.1	f g h i j k l m n o p	36.8	39.3	4.7	33.2	1.22	84.7
ACGA64	1620.3	g h i j k l m n o p	35.8	38.3	4.7	33.0	1.20	84.1
ACGA49	1582.1	h i j k l m n o p	38.4	38.0	5.0	31.2	1.18	83.4
ACGA58	1580.2	h i j k l m n o p	34.1	39.7	4.8	34.1	1.24	84.4
ACGA46	1575.3	h i j k l m n o p	35.1	39.0	5.3	34.0	1.23	84.4
ACGA53	1569.8	i j k l m n o p	39.9	37.3	5.3	28.8	1.17	82.6
ACGA76	1544.9	j k l m n o p	41.1	38.3	5.2	33.3	1.19	84.0
ACGA50	1538.4	k l m n o p	33.9	38.0	5.0	30.3	1.19	81.7
ACGA51	1535.0	k l m n o p	35.8	38.7	4.8	31.4	1.21	81.9
ACGA71	1522.0	l m n o p	35.2	37.7	4.7	32.8	1.18	84.2
ACGA56	1511.8	m n o p	34.9	39.3	4.8	33.7	1.22	83.6
ACGA77	1496.3	n o p	41.2	38.0	5.3	30.6	1.19	83.8
ACGA52	1435.4	o p	38.2	38.3	4.7	31.4	1.21	83.4
ACGA67	1389.6	p	32.7	39.7	5.3	34.4	1.25	84.1
LSD§	277.9		3	1.2	0.3	2.2	0.03	1.2
OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
CV‡	9.7		4.8	1.9	4.2	4.2	1.8	0.9

*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