

Preliminary Strains Testing Program, Maricopa, AZ. 2006

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Uniformity
	Yield			Length	Strength	Index	
	(lbs/A)		Lint	(32nds)		(GM/Tex)	
ACGA115	2118.3	a	40.8	36.0	4.55	32.2	82.4
ACGA121	2104.3	a	36.3	38.5	4.78	34.3	83.3
DP449BR	2097.6	a	38.8	36.8	4.50	33.3	82.4
ACGA98	2053.4	a b	38.7	37.3	3.70	31.4	81.1
ACGA116	2044.4	a b c	40.0	36.5	4.63	31.6	82.6
ACGA112	2023.0	a b c d	41.0	36.3	4.60	34.4	83.3
ACGA125	1989.8	a b c d e	38.1	37.5	4.80	33.7	82.9
ACGA107	1969.2	a b c d e f	35.5	39.8	4.20	32.6	83.0
ACGA124	1955.0	a b c d e f g	40.1	37.0	4.43	31.3	83.1
DP164B2F	1937.5	a b c d e f g h	39.1	37.3	4.10	30.5	81.4
ACGA100	1876.4	b c d e f g h i	40.2	36.8	4.25	31.8	81.3
ACGA96	1859.6	c d e f g h i j	38.6	37.0	4.35	28.8	80.6
ACGA117	1853.9	c d e f g h i j k	38.0	36.8	4.38	32.9	83.3
ACGA113	1850.2	d e f g h i j k	38.6	36.3	4.53	31.7	81.7
ACGA111	1846.6	d e f g h i j k	37.3	37.0	4.50	31.9	82.0
ACGA99	1803.7	e f g h i j k l	38.6	38.3	4.05	31.9	81.6
ACGA122	1803.1	e f g h i j k l	39.1	36.3	4.68	33.4	82.6
ACGA110	1801.7	e f g h i j k l	37.7	38.3	4.35	33.0	82.8
ACGA123	1800.0	e f g h i j k l	39.9	36.3	4.53	33.1	82.0
ACGA106	1787.2	f g h i j k l m	39.6	37.0	4.20	30.2	82.0
ACGA118	1778.8	f g h i j k l m	40.1	37.0	4.53	31.4	82.5
DP432R	1773.1	g h i j k l m	40.7	36.5	4.68	31.0	83.1
ACGA120	1768.4	g h i j k l m	38.9	36.8	4.68	33.2	82.7
ACGA114	1751.5	h i j k l m n	36.3	37.8	4.43	32.4	82.6
ACGA103	1737.1	i j k l m n	38.8	35.5	4.38	31.5	80.8
ACGA101	1735.7	i j k l m n o	35.9	36.5	4.08	32.0	81.2
ACGA95	1730.6	i j k l m n o	36.9	37.5	4.05	28.1	79.1
ACGA102	1684.7	j k l m n o	35.4	36.3	4.28	32.2	81.5
ACGA119	1676.1	j k l m n o	38.3	36.0	4.33	33.0	82.3
ACGA108	1664.1	k l m n o	40.2	35.5	5.00	31.9	81.7
ACGA94	1641.3	l m n o	36.3	36.3	4.18	29.8	80.0
ACGA105	1596.0	m n o p	36.7	36.0	4.38	30.7	81.3
ACGA109	1569.8	n o p	38.4	36.3	4.78	32.7	82.0
ACGA97	1544.9	o p	37.4	37.0	4.05	30.2	80.8
ACGA104	1440.6	p	34.5	36.3	4.30	30.4	80.6
LSD§	191.4		1.4	1.2	0.2	1.7	1.2
OSL†	<.0001		<.0001	<.0001	<.0001	<.0001	<.0001
CV‡	7.5		3.3	2.3	3.8	3.7	1.0

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

§ Least Significant Difference

† Observed Significance Level

‡ Coefficient of Variation