

Preliminary Strains Testing Program, Yuma, AZ. 2006

Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Uniformity
	Yield			Length	Strength	Index	
	(lbs/A)		Lint	(32nds)		(GM/Tex)	
ACGA116	1890.0	a	41.7	36.6	4.25	30.1	80.8
DP432R	1779.1	a b	42.5	36.0	4.65	31.2	82.7
ACGA115	1777.6	a b	42.3	36.3	4.05	31.7	82.2
ACGA122	1757.0	b c	41.4	36.7	4.23	32.1	81.9
ACGA117	1746.6	b c	40.1	36.3	4.13	31.8	82.7
ACGA103	1734.7	b c d	40.5	35.5	4.25	30.1	82.0
ACGA102	1723.2	b c d	39.5	36.3	4.33	30.3	80.9
ACGA97	1710.1	b c d	40.0	36.2	4.15	27.1	79.0
ACGA120	1702.0	b c d e	41.7	36.7	4.08	32.5	81.7
ACGA114	1680.8	b c d e f	39.5	37.0	4.08	30.8	82.0
ACGA105	1666.0	b c d e f g	40.0	35.2	4.40	28.2	80.2
ACGA98	1650.7	b c d e f g h	41.1	36.6	3.48	30.2	81.0
ACGA124	1645.8	c d e f g h	41.7	37.7	4.18	30.8	82.4
ACGA123	1614.9	d e f g h i	41.4	36.5	3.78	31.8	81.1
ACGA118	1577.5	e f g h i j	41.0	36.9	4.33	30.1	81.7
ACGA95	1573.6	e f g h i j	40.1	37.8	3.68	27.7	79.4
ACGA104	1563.9	f g h i j k	38.0	35.8	4.15	29.0	81.4
ACGA100	1555.8	f g h i j k	42.3	36.9	4.05	31.3	81.0
ACGA96	1549.5	g h i j k	40.8	37.6	4.03	28.2	80.7
ACGA119	1549.2	g h i j k	39.9	36.0	3.90	31.3	81.4
ACGA113	1527.7	h i j k l	40.8	35.8	4.13	29.9	81.2
ACGA108	1527.1	h i j k l	39.8	36.5	4.88	30.6	81.4
ACGA99	1493.1	i j k l m	38.2	37.8	3.90	31.3	81.0
ACGA106	1490.8	i j k l m	40.3	37.4	3.93	31.3	82.3
ACGA94	1462.9	j k l m n	38.7	37.2	3.80	29.1	80.7
ACGA111	1439.8	k l m n	36.6	37.4	3.88	31.4	82.0
ACGA110	1408.4	l m n	38.0	37.6	4.48	32.0	83.0
ACGA101	1383.9	m n	37.5	37.4	3.70	30.5	81.0
ACGA107	1383.6	m n	36.0	39.5	3.70	32.8	82.4
DP449BR	1347.6	n	39.6	36.7	3.99	31.5	82.0
DP164B2F	1346.3	n	39.2	38.2	3.73	30.1	82.2
ACGA121	1196.0	o	34.8	38.2	3.63	32.9	81.5
ACGA112	1139.4	o	38.4	35.8	4.05	33.0	82.1
ACGA109	1137.9	o	37.7	36.0	4.35	31.4	82.0
ACGA125	1111.1	o	37.1	37.8	3.78	32.0	82.9
LSD§	130.1		1.1	0.8	0.30	1.5	1.2
OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001
CV‡	6.1		1.9	1.6	5.0	3.6	1.1

*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