Advanced Strains Testing Program, Yuma, AZ. 2006

Strain	Lint Yield (lbs/A)	Means Separation*	% Lint	Fiber Length (32nds)	Mic	Fiber Strength (GM/Tex)	Uniformity Index
G2100B2F	1704.2	a	40.8	35.3	3.93	28.5	81.6
CS44	1688.7	a	41.6	36.5	4.15	30.0	80.5
G2520B2F	1675.5	a	40.7	36.3	4.03	27.0	81.4
G2215B2F	1588.9	a b	38.7	35.5	3.55	27.8	81.3
D6W660F	1566.9	a b	43.7	36.3	4.48	29.2	81.4
CS48	1561.0	a b	40.6	37.8	4.38	30.2	81.1
ACGA85	1497.5	b c	39.4	36.0	3.73	30.6	82.6
CS49	1475.7	b c	40.2	35.8	4.13	28.2	81.3
G2242B2F	1473.4	b c	40.1	36.3	4.18	28.4	81.4
ACGA84	1461.3	b c d	39.2	37.3	4.10	32.2	82.3
CS37	1458.9	b c d	38.5	37.3	3.90	32.5	81.2
CS46	1403.4	c d e	40.0	36.5	4.28	32.2	82.1
DP432R	1383.7	c d e f	41.3	36.8	4.35	31.0	82.1
CS45	1379.7	c d e f	38.7	37.5	3.93	32.4	81.7
D6W650F	1379.5	c d e f	41.5	36.0	4.20	29.8	81.5
ACGA91	1360.4	c d e f	38.4	36.5	3.75	31.4	81.6
ACGA92	1309.5	d e f g	39.6	36.3	3.90	32.5	82.4
DP164B2F	1299.6	e f g	39.0	37.8	3.70	30.7	82.4
D4T153F	1244.6	f g h	41.7	37.5	3.43	30.3	81.0
F965LLB2	1177.9	g h i	36.9	36.5	3.85	31.2	81.7
ACGA93	1153.9	g h i	38.5	36.8	4.20	30.9	82.4
D4Z530F	1137.7	h i j	38.3	38.0	4.03	34.7	83.4
D6X058F	1133.7	h i j	43.6	37.3	4.03	29.3	81.5
D4T105DF	1133.4	h i j	40.0	38.8	3.60	30.1	82.3
ACGA89	1132.1	h i j	35.7	38.3	3.53	32.2	81.4
F989B2R	1123.8	h i j	36.7	37.3	3.78	32.5	82.3
ACGA90	1117.3	h i j	36.6	36.8	4.25	30.9	82.0
CS47	1101.0	h i j k	39.4	37.0	3.78	30.7	81.2
F9060F	1096.7	h i j k l	39.2	37.5	3.55	30.1	80.9
D4X429DF	1073.0	i j k l	38.9	37.3	3.58	31.0	81.4
ACGA88	1056.3	i j k l	36.4	38.8	3.60	32.3	82.0
ACGA86	1031.6	i j k l	40.6	37.0	3.60	31.2	80.6
ACGA87	997.7	j k l	39.6	37.0	3.65	28.1	79.3
F960B2R	990.5	j k l	38.0	36.8	3.95	31.3	81.0
CS50	947.8	k l m	40.4	36.8	4.08	31.0	81.3
F955LLB2	942.6	l m	36.8	38.0	3.88	30.1	82.0
F988LLB2	811.8	m	36.9	37.5	3.68	32.5	81.1
LSD§		#		1.3	0.9	1.7	1.3
OSL†		#		0.0001	0.0001	0.0001	0.0001	0.0003
CV‡		#		2.4	1.7	5.0	3.9	1.2

*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