

Advanced Strains Testing Program, Safford, AZ. 2007

	Strain	Lint	Means Separation*	%	Fiber	Mic	Fiber	Uniformity
		Yield		Lint	Length	Strength	Index	
		(lbs/A)		(32nds)	(GM/Tex)			
control	FM 989 B2R	1634.3	a	35.4	37.7	4.13	31.7	82.7
	FM 988 LLB2	1593.9	a b	34.5	37.0	4.07	29.9	80.7
	DPLX 06T223DF	1591.9	a b c	35.1	37.0	4.03	29.5	81.4
	ST 4498 B2RF	1577.5	a b c d	36.0	37.0	4.17	28.6	82.9
	0122-2033-303	1562.6	a b c d e	35.2	36.7	4.20	29.9	83.1
	0144-2036-304	1515.4	a b c d e f	33.4	38.7	4.07	31.0	81.6
	PHY 755 WRF	1514.6	a b c d e f	32.8	40.7	3.90	32.2	82.8
	DG 2100 B2RF	1491.4	a b c d e f g	34.6	37.0	3.87	27.2	82.4
	DPLX 06T201F	1476.2	a b c d e f g h	33.8	37.3	3.80	30.2	81.2
	DP 161 B2RF	1473.4	a b c d e f g h i	31.8	39.3	3.73	30.6	82.5
	ST 4678 B2RF	1471.1	a b c d e f g h i	34.7	38.0	4.20	29.5	82.3
	DP 164 B2RF	1460.8	a b c d e f g h i	33.8	38.0	3.63	30.6	81.1
	FM 9063 B2F	1443.6	b c d e f g h i j	32.8	38.7	4.07	32.0	81.7
	ST 4596 B2RF	1439.3	b c d e f g h i j	33.2	37.7	4.33	28.8	82.5
	DP 121 RF	1426.2	b c d e f g h i j	34.4	35.7	4.03	29.1	82.2
	DP 455 BR	1418.9	b c d e f g h i j	31.3	37.0	4.07	30.6	81.0
	PHX3704	1417.0	c d e f g h i j k	34.4	35.3	4.17	26.3	81.3
	DP 141 B2RF	1411.1	d e f g h i j k l	33.8	37.7	3.80	30.4	80.9
	ST 6351 B2RF	1404.2	d e f g h i j k l m	33.2	37.0	3.97	28.7	81.4
	0106-3004-B	1403.5	d e f g h i j k l m	35.4	37.0	4.10	30.5	81.3
	CTO 7550 B2RF	1402.7	d e f g h i j k l m	35.2	37.3	3.97	28.5	82.5
	FM 955 LLB2	1398.8	e f g h i j k l m	31.3	39.0	3.93	30.4	82.3
	0116-2016-301	1396.2	e f g h i j k l m	35.0	38.0	4.17	30.7	82.3
	FM 1880 B2RF	1389.0	e f g h i j k l m n	33.3	37.7	3.60	31.1	81.2
	0122-2033-307	1368.9	f g h i j k l m n o	32.7	36.7	4.27	28.0	82.1
	PHX3703	1353.7	f g h i j k l m n o p	33.9	36.3	3.43	28.9	80.4
	ST 4554 B2RF	1350.5	f g h i j k l m n o p	33.4	36.7	3.90	28.5	81.7
	ST 5327 B2RF	1346.1	f g h i j k l m n o p q	33.3	37.7	4.13	30.2	82.2
control	DP 449 BR	1334.8	g h i j k l m n o p q	33.5	37.0	3.87	31.8	81.9
	ST 5458 B2RF	1332.2	g h i j k l m n o p q	34.6	37.3	4.10	30.3	81.3
	DP 167 RF	1329.1	g h i j k l m n o p q	33.6	37.7	3.77	29.5	81.0
	DG OA265 BR	1324.9	g h i j k l m n o p q	34.2	38.0	4.00	34.7	82.4
	0101-2165-303	1318.2	g h i j k l m n o p q	32.6	37.3	3.63	29.8	81.0
	PHX3701	1306.4	h i j k l m n o p q	34.2	36.0	3.40	28.7	79.9
	ST 4427 B2RF	1303.2	h i j k l m n o p q	31.9	36.7	3.83	28.8	81.4
	PHY 375 WRF	1302.2	h i j k l m n o p q	32.2	36.7	3.77	28.8	81.6
	DG 2490 B2RF	1298.2	i j k l m n o p q	35.0	35.7	3.37	26.2	81.5
	0144-2086-4B	1280.1	j k l m n o p q r	32.0	37.0	4.13	31.3	82.2
	DG 2242 B2RF	1274.7	j k l m n o p q r	32.9	37.0	4.03	26.5	81.8
	0116-2B-326	1242.4	k l m n o p q r	32.0	36.7	4.10	31.0	83.0
	DG 2383 RF	1238.3	l m n o p q r	31.5	37.0	3.87	28.4	81.6
control	DP 555 BR	1234.3	m n o p q r	32.5	35.7	3.77	27.2	79.5
	DG 2520 B2RF	1214.3	n o p q r	34.9	37.0	3.73	26.4	80.3
	PHX3702	1197.3	o p q r s	33.2	36.7	3.37	28.3	80.8
	DPLX 06X004F	1186.0	p q r s	34.0	37.0	3.50	29.6	80.2
	0157-303-B	1172.7	q r s	32.5	37.7	3.70	30.8	81.8
	DP 174 B2RF	1120.5	r s	32.3	37.7	4.10	27.0	82.1
	CTO 7343 RF	1112.3	r s	33.3	36.0	3.70	27.9	80.5
	0122-2039-303	1036.3	s	32.5	37.0	3.17	32.0	81.9
	LSD§	175.3		2.0	1.1	0.47	2.1	1.1
	OSL†	0.0001		0.0001	0.0001	0.0001	0.0001	0.0001
	CV‡	9.2		4.2	1.8	7.4	4.3	0.8

*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