

**Grower / Cooperator:** Pacheco Farms, Marana, AZ  
**Planting Date:** 6 May 2010  
**Harvest Date:** 1 November 2010

**Final Irrigation:** 17 August 2010  
**Soil Type:** Vinton Anthony Sandy Loam

Table. Lint yield and fiber quality results from the Variety Trial, Pima County, AZ, 2010.

Seed Company	Variety	Lint Yield lbs/acre	Means Separation *	Lint Turnout Percent	HVI Color	Staple 32nds	Strength g/tex	Length Inches	Uniformity Percent	Micronaire	Leaf Grade	Premium cent/lb	Value \$/acre
Monsanto	DP1044B2RF	1487.7	a	36.7	21	38	29.6	1.18	82.4	4.4	2	4.9	\$845.98
Bayer CropScience	FM9170B2F	1432.8	a b	35.3	21	36	28.9	1.13	81.4	4.1	2	5.2	\$819.95
Phytogen	PHY565WRF	1406.0	a b	32.8	21	37	28.9	1.16	82.4	4.5	2	4.6	\$795.75
Bayer CropScience	ST4288B2F	1405.5	a b	36.9	21	38	30.4	1.19	81.3	4.0	2	5.2	\$803.04
Monsanto	DP1032B2RF	1399.7	a b	35.0	21	37	30.3	1.16	81.7	4.4	2	4.8	\$794.49
Phytogen	PHY375WRF	1353.2	a b	34.8	21	37	28.4	1.15	81.0	4.2	2	4.9	\$769.50
Phytogen	PHY367WRF	1306.0	a b	33.9	21	37	30.9	1.16	81.8	4.2	3	4.9	\$743.56
Bayer CropScience	ST4498B2F	1251.8	b	32.2	21	38	31.8	1.19	81.5	4.2	3	4.2	\$704.34
Monsanto	DP0935B2RF	1210.1	b	31.7	21	37	29.6	1.15	80.8	4.0	3	4.9	\$688.23
LSD§		NS		NS	---	NS	NS	NS	NS	NS	NS	NS	NS
OSL†		0.2377		0.5453	---	0.3343	0.5406	0.3695	0.5355	0.8805	0.7570	0.5613	0.2304
CV‡		7.2		8.0	---	2.2	5.4	2.2	1.0	8.0	39.5	9.5	7.3

\*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