

**Grower / Cooperator:** Ed Curry Farms, Pearce, AZ  
**Planting Date:** 27 April 2010  
**Harvest Date:** 17 November 2010

**Final Irrigation:** 10 September 2010  
**Soil Type:** Cogswell Clay Loam

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

Seed Company	Variety	Lint Yield lbs/acre	Means Separation *	Lint Percent	HVI Color	Staple 32nds	Strength g/tex	Length Inches	Uniformity Percent	Micronaire	Leaf Grade	Premium cent/lb	Value \$/acre
Phytogen	PHY375WRF	1054.5	a	35.0	21	36	27.2	1.13	79.8	3.0	3	-0.6	\$542.05
Phytogen	PHY745WRF	1019.0	a b	33.1	31	38	31.6	1.19	81.9	2.9	4	-1.7	\$514.04
Bayer CropScience	ST4288B2F	999.2	a b	31.1	21	37	29.7	1.16	80.4	3.1	3	1.0	\$529.78
Phytogen	PHY367WRF	987.0	a b	33.5	21	37	29.6	1.17	80.4	2.7	3	-2.0	\$493.99
Monsanto	DP0935B2RF	917.9	a b	35.4	21	36	28.9	1.13	79.9	3.0	2	1.0	\$486.41
Bayer CropScience	FM9170B2F	910.2	a b	34.0	21	38	28.4	1.18	80.4	2.7	3	-3.3	\$442.84
Bayer CropScience	ST4498B2F	906.9	a b	32.9	31	37	30.2	1.16	80.7	2.9	4	-3.2	\$442.87
Monsanto	DP1044B2RF	823.6	b	30.7	21	37	29.4	1.15	80.6	3.1	3	1.1	\$437.84
LSD§		NS		1.3	-	NS	1.5	NS	NS	0.2	0.7	1.8	NS
OSL†		0.3058		0.0001	-	0.4437	0.0009	0.0789	0.1637	0.0017	0.0022	0.0002	0.3231
CV‡		11.9		2.2	-	2.4	2.8	2.1	1.0	3.8	13.0	111.2	13.0

\*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