

Grower / Cooperator: Steve Daley Farms, Thatcher, AZ
Planting Date: 28 April 2010
Harvest Date: 11 November 2010

Final Irrigation: 10 September 2010
Soil Type: Pima Clay Loam

Table. Lint yield and fiber quality results from the Bayer CropScience Cotton Agronomic Performance (CAP) Trial, Thatcher, 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
Bayer CropScience	BCSX1030B2F	1630.6	a	35.9	21	35	25.6	1.09	80.5	4.5	2	2.7	\$651.98
Bayer CropScience	FM9170B2F	1624.8	a	34.5	21	38	30.0	1.19	81.7	3.9	2	5.2	\$676.37
Monsanto	DP0935B2RF	1593.1	a	35.3	21	37	28.6	1.15	81.7	4.2	2	4.9	\$682.30
Bayer CropScience	FM9160B2F	1588.9	a	34.5	21	37	29.1	1.17	80.9	3.9	2	5.1	\$660.17
Bayer CropScience	ST4498B2F	1582.2	a	34.7	21	37	30.1	1.15	82.3	4.2	2	5.3	\$659.45
Bayer CropScience	FM1740B2F	1576.9	a	35.1	21	37	28.5	1.14	81.0	4.2	2	5.0	\$653.82
Bayer CropScience	ST5458B2F	1531.4	a	34.5	21	37	28.9	1.14	80.7	4.5	2	4.8	\$633.25
Bayer CropScience	BCSX1010B2F	1525.9	a	32.3	21	37	28.3	1.16	81.4	4.1	2	5.0	\$633.02
Bayer CropScience	ST4288B2F	1400.5	b	32.8	21	37	27.7	1.14	80.7	4.5	2	4.9	\$579.59
Bayer CropScience	BCSX1040B2F	1232.0	c	30.2	21	40	30.1	1.23	82.5	4.5	2	5.2	\$512.58
LSD§		120.9		1.4	-	1	1.4	0.04	2.9	0.4	0.0	1.5	\$55.78
OSL†		0.0001		0.0001	-	0.0001	0.0001	0.0001	0.0068	0.0029	0.0000	0.0528	0.0002
CV‡		4.6		2.3	-	1.8	2.8	1.7	0.7	4.8	0.0	17.2	5.0

*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