

# 2011

Cotton Variety Testing Results



THE UNIVERSITY  
OF ARIZONA.

College of Agriculture  
and Life Sciences

Cooperative Extension  
Agricultural Experiment Station  
The University of Arizona, Tucson  
U.S. Department of Agriculture



# Introduction

Variety selection is one of the most important decisions a grower will make contributing to the success of his/her cotton crop. It is critical, that a grower have as much information as possible in order to make an informed decision regarding variety selection.

In an effort to help supply reliable variety performance information the University of Arizona conducts a statewide Upland cotton variety testing program. This program consists of a few different types of trials. The first is a small plot evaluation of commercially available varieties along with experimental varieties, and is conducted in 3 locations across Arizona including; Yuma, Maricopa, and Safford. This testing program is called the University of Arizona Upland Cotton Advanced Strains Testing Program.

Another type of University sponsored trial is a large plot, replicated strip trial conducted on grower cooperator farms in a wide variety of locations across Arizona. These are large plot strip trials that consist of plots extending the full length of the irrigation run at each location. This program is titled the University of Arizona Upland Cotton Variety Testing Program.

The University of Arizona also occasionally contracts with private seed companies to conduct variety testing on their behalf. In 2011 several trials were conducted for Bayer CropScience and those results are presented in this booklet. These trials are part of their Cotton Agronomic Performance (CAP) testing program, and consist of large, strip plot evaluations, set up in a very similar way to the University of Arizona Upland Cotton Variety Testing Program.

Evaluations of Pima (extra long staple - ELS) cotton variety performance were also conducted at 3 locations across Arizona in 2011. Results from these evaluations are also presented in this booklet.

The table found below contains planting date, final irrigation date, initial defoliation date, and harvest date for each of the trials conducted across Arizona in 2011. The remainder of the tables in this publication contains yield and fiber quality data for each of the locations. Statistical analysis for all parameters is also presented at the bottom of each table. If you have any questions regarding these trials or this publication please direct them to Dr. Randy Norton, Director, Safford Agricultural Center at [rnorton@cals.arizona.edu](mailto:rnorton@cals.arizona.edu).

Randy Norton, editor

Location	Trial Type	Planting	Final Irrigation	Initial Defoliation	Harvest	Page #
Yuma	Upland Cotton Advanced Strains Trial	3/29/2011	9/30/2011	10/20/2011	9/8/2011	2
Maricopa	Upland Cotton Advanced Strains Trial	4/26/2011	9/20/2011	11/9/2011	12/8/2011	3
Safford	Upland Cotton Advanced Strains Trial	4/21/2011	9/1/2011	10/13/2011	11/10/2011	4
Yuma	Upland Cotton Variety Trial	4/10/2011	9/30/2011	10/20/2011	11/4/2011	5
Parker	Upland Cotton Variety Trial	5/17/2011	10/19/2011	11/8/2011	12/29/2011	5
Aztec	Upland Cotton Variety Trial	4/22/2011	10/10/2011	11/7/2011	1/11/2012	6
Goodyear	Upland Cotton Variety Trial	5/30/2011	9/29/2011	10/21/2011	11/29/2011	6
Enterprise Ranch	Upland Cotton Variety Trial	5/24/2011	9/23/2011	10/27/2011	12/29/2011	7
Stanfield	Upland Cotton Variety Trial	5/13/2011	10/18/2011	10/28/2011	11/28/2011	7
Coolidge	Upland Cotton Variety Trial	4/27/2011	9/2/2011	10/11/2011	11/3/2011	8
Aguila	Upland Cotton Variety Trial	4/13/2011	9/20/2011	10/24/2011	11/18/2011	8
Marana	Upland Cotton Variety Trial	5/2/2011	9/10/2011	10/20/2011	11/21/2011	9
Thatcher	Upland Cotton Variety Trial	4/29/2011	9/15/2011	10/15/2011	10/21/2011	9
Sunizona	Upland Cotton Variety Trial	4/28/2011	9/5/2011	10/10/2011	12/23/2011	10
Coolidge	Bayer CropScience CAP Trial	4/19/2011	9/5/2011	10/8/2011	10/27/2011	10
Eloy	Bayer CropScience CAP Trial	4/19/2011	9/1/2011	10/5/2011	11/9/2011	11
Eloy	Bayer CropScience CAP Trial	5/10/2011	9/15/2011	10/26/2011	11/9/2011	11
Thatcher	Bayer CropScience CAP Trial	5/10/2011	9/10/2011	10/17/2011	11/11/2011	12
Aguila	ELS Cotton Variety Trial	4/13/2011	9/20/2011	10/24/2011	11/18/2011	12
Maricopa	ELS Cotton Variety Trial	4/26/2011	9/20/2011	11/9/2011	12/8/2011	13
Safford	ELS Cotton Variety Trial	4/29/2011	9/14/2011	10/28/2011	11/10/2011	13

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**2011**

Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Advanced Strain Testing Program, Yuma, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)	Boll Weight (g/boll)
AZ Cotton Growers	ACGA288	4,605.7	34.7	1,601.2	21	37	4.6	29.1	2	1.15	80.5	5.1	\$913.56	4.7
Monsanto/DPL	DP1044B2RF	4,208.6	35.7	1,504.2	21	37	4.7	29.1	2	1.14	81.7	4.2	\$844.93	4.4
AZ Cotton Growers	ACGA279	4,245.5	35.1	1,490.2	21	35	4.8	27.6	1	1.09	80.8	4.3	\$838.68	4.7
Dow/Phytogen	PHY4339WRF	3,901.6	36.7	1,438.2	21	37	4.4	29.0	2	1.14	81.1	4.9	\$818.94	4.4
Dow/Phytogen	PHY5322WRF	4,057.1	35.1	1,427.4	21	37	4.3	28.5	2	1.16	82.1	5.0	\$813.97	3.9
AZ Cotton Growers	ACGA287	4,028.5	35.0	1,410.9	11	36	5.0	30.0	1	1.13	81.4	3.6	\$786.21	4.5
Dow/Phytogen	PHY499WRF	3,508.5	39.4	1,384.7	21	35	4.8	29.7	2	1.09	81.2	3.5	\$764.22	4.4
Monsanto/DPL	11R159B2R2	3,684.6	37.5	1,382.9	11	37	4.5	31.0	1	1.15	80.9	5.4	\$793.13	4.2
Dow/Phytogen	PHY375WRF	3,524.9	38.8	1,371.8	21	35	4.7	27.6	2	1.10	80.4	4.1	\$769.58	4.6
AZ Cotton Growers	ACGA225	3,979.4	34.1	1,357.1	21	35	5.3	28.2	1	1.09	80.5	0.6	\$712.87	4.8
Bayer/Stoneville	ST4498B2F	3,680.5	36.7	1,354.6	21	37	4.7	30.1	2	1.14	82.2	5.1	\$773.14	5.3
Monsanto/DPL	11R154B2R2	3,639.6	36.6	1,332.2	11	36	4.6	31.3	1	1.12	80.8	5.1	\$760.93	4.6
Bayer/FiberMax	FM9170B2F	3,717.3	35.1	1,306.0	21	37	4.3	28.6	2	1.15	80.5	4.8	\$741.37	4.7
Monsanto/DPL	DP1219B2RF	3,524.9	36.6	1,291.7	21	37	4.3	30.6	2	1.14	80.7	5.4	\$740.81	4.3
DynaGro	CT11212B2RF	3,336.6	38.3	1,278.3	21	36	4.9	27.9	1	1.11	82.0	3.6	\$711.02	4.6
Bayer/FiberMax	FM2484B2F	3,590.4	35.5	1,277.0	11	38	4.5	29.4	1	1.18	81.1	5.1	\$727.80	4.3
Monsanto/DPL	11R142B2R2	3,307.9	38.2	1,263.7	11	37	4.4	30.1	1	1.17	81.1	5.3	\$724.25	4.9
Bayer	BX1261B2F	3,655.9	34.3	1,254.6	11	37	4.5	29.0	1	1.14	81.0	5.0	\$714.90	4.5
Dow/Phytogen	PHY5263WRF	3,393.9	36.9	1,253.5	21	37	4.4	30.5	2	1.15	81.6	5.3	\$718.32	3.9
DynaGro	CT11622B2RF	3,164.7	39.2	1,241.7	22	37	4.8	28.3	2	1.14	81.6	2.5	\$676.78	4.2
AZ Cotton Growers	ACGA039	3,389.8	36.6	1,239.7	21	36	5.0	29.2	2	1.13	79.9	3.7	\$690.32	4.6
AZ Cotton Growers	ACGA246	3,418.5	36.1	1,239.2	21	37	4.9	29.6	1	1.14	81.8	4.1	\$698.08	4.9
Monsanto/DPL	DP1212B2RF	3,467.6	34.5	1,203.4	21	37	4.9	29.6	2	1.15	81.9	4.4	\$678.41	5.0
AZ Cotton Growers	ACGA290	3,631.4	32.5	1,188.6	22	36	4.7	29.8	2	1.13	82.6	2.7	\$651.46	4.5
AZ Cotton Growers	ACGA082	3,361.2	34.7	1,163.0	21	37	5.0	31.7	2	1.16	81.2	4.3	\$653.50	4.3
Monsanto/DPL	10R051B2R2	2,804.4	39.6	1,113.8	21	36	4.7	28.4	1	1.13	82.1	4.9	\$634.33	4.1
Bayer/Stoneville	ST4145LLB2	3,144.2	34.6	1,089.2	21	36	4.7	28.2	3	1.11	80.7	3.8	\$608.36	4.1
Monsanto/DPL	11R136B2R2	3,041.8	35.3	1,077.3	11	38	4.4	30.4	2	1.19	82.1	5.5	\$618.86	4.0
Bayer	BX1262B2F	2,947.7	36.5	1,072.5	22	36	4.8	30.3	2	1.11	80.8	1.9	\$580.31	4.7
AZ Cotton Growers	ACGA265	3,344.8	32.0	1,069.9	21	37	4.8	29.7	2	1.15	80.9	4.5	\$604.06	4.3
Dow/Phytogen	PHY367WRF	2,763.4	36.1	996.4	21	36	4.5	29.1	2	1.10	80.6	4.2	\$559.77	4.1
Monsanto/DPL	10R020B2R2	2,734.8	34.9	956.0	21	35	4.7	26.0	1	1.09	80.8	3.0	\$527.15	4.2
Bayer	BX1150B2F	2,816.7	33.7	950.6	22	37	4.7	30.6	3	1.15	81.6	2.9	\$520.78	4.3
Bayer	BX1264B2F	2,423.6	37.6	905.7	21	36	4.6	30.3	2	1.13	81.2	4.8	\$514.39	4.6
Monsanto/DPL	DP1252B2RF	2,259.9	39.8	898.8	21	36	4.9	28.3	1	1.13	81.0	4.2	\$506.06	4.1
AZ Cotton Growers	ACGA286	2,468.7	33.7	832.0	21	37	4.4	30.0	2	1.16	81.3	5.3	\$476.71	5.0
Bayer	BX1223GL	1,715.4	33.4	573.8	21	37	4.4	31.3	2	1.17	82.2	5.4	\$329.59	4.1
Average		3364.6	36.0	1210.6	---	36	4.6	29.4	2	1.13	81.2	4.2	\$681.01	4.5
LSD§		---	1.5	347.1	---	1	0.3	1.3	1	0.04	1.3	1.4	\$196.76	0.0
OSL†		---	0.000	0.000	---	0.000	0.000	0.000	0.000	0.000	0.016	0.000	0.000	0.005
CV‡		---	2.9	20.5	---	2.2	4.4	3.2	31.9	2.3	1.2	24.2	20.6	10.6

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



**Yield and fiber quality data for The University of Arizona Upland Cotton Advanced Strain Evaluation, Maricopa, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)	Boll Weight (g/boll)
Dow/Phytogen	PHY499WRF	6738.2	38.0	2,561.8	31	37	4.0	32.8	5	1.15	82.7	-0.2	1333.44	4.6
Monsanto/DPL	11R154B2R2	6938.3	36.3	2,519.0	31	37	3.9	34.4	4	1.17	82.2	2.4	1371.59	4.4
Monsanto/DPL	11R159B2R2	6656.5	37.6	2,501.8	31	38	4.3	34.7	3	1.17	82.5	4.5	1412.82	4.5
Monsanto/DPL	DP1219B2RF	6693.3	36.1	2,417.9	31	37	4.1	34.0	3	1.17	82.0	4.5	1366.24	4.7
Monsanto/DPL	10R020B2R2	5986.8	37.8	2,258.5	21	36	4.2	29.1	3	1.12	81.7	4.6	1279.15	5.0
Bayer	BX1262B2F	6358.4	35.0	2,226.7	31	37	4.2	33.6	5	1.16	82.2	2.4	1211.04	4.9
Dow/Phytogen	PHY367WRF	6252.2	35.4	2,215.9	31	37	3.8	32.1	4	1.17	81.8	3.0	1217.51	4.3
Bayer	BX1150B2F	6807.6	32.4	2,206.3	41	38	4.0	34.6	5	1.18	83.0	0.0	1146.75	5.0
Dow/Phytogen	PHY375WRF	6174.6	35.4	2,186.3	31	36	3.9	29.6	4	1.11	81.7	3.0	1203.03	4.7
AZ Cotton Growers	ACGA039	6088.9	35.7	2,171.3	31	37	4.4	30.7	3	1.14	82.2	4.4	1225.12	4.6
Bayer	BX1261B2F	6366.6	34.1	2,168.3	21	36	3.9	31.2	3	1.13	81.2	4.6	1227.70	4.7
Dow/Phytogen	PHY4339WRF	6154.2	35.1	2,158.6	31	37	3.6	32.1	4	1.17	81.9	3.4	1196.24	4.4
AZ Cotton Growers	ACGA229	6166.5	34.9	2,154.2	31	37	4.2	31.4	4	1.14	81.3	2.2	1167.74	4.4
Bayer/Stoneville	ST5445LLB2	5945.9	36.0	2,139.5	41	37	4.2	33.2	5	1.15	81.9	0.3	1119.55	5.0
AZ Cotton Growers	ACGA287	6240.0	34.0	2,122.7	31	37	4.2	33.6	3	1.15	81.6	3.7	1181.43	4.4
Bayer/Stoneville	ST4498B2F	6117.5	34.5	2,109.9	41	37	4.1	34.4	5	1.15	83.1	-1.1	1074.93	4.8
Bayer/Stoneville	ST4145LLB2	6338.0	33.1	2,098.7	41	36	3.9	30.7	7	1.13	82.4	-3.3	1020.99	4.4
Monsanto/DPL	DP1212B2RF	5884.7	35.7	2,097.8	31	37	4.2	31.9	5	1.17	82.7	1.1	1114.75	5.0
Monsanto/DPL	DP1044B2RF	5945.9	35.2	2,096.2	31	37	4.4	32.3	3	1.14	82.5	4.1	1176.80	4.4
Bayer/FiberMax	FM9170B2F	5954.1	34.9	2,075.9	31	38	3.7	33.0	3	1.18	82.5	3.7	1157.40	4.8
Monsanto/DPL	11R136B2R2	5798.9	35.7	2,071.0	31	38	4.1	32.6	4	1.18	82.8	3.7	1152.80	4.6
DynaGro	CT11622	5435.5	38.0	2,067.6	21	37	4.5	29.9	2	1.15	82.8	5.3	1184.75	4.5
AZ Cotton Growers	ACGA279	6039.9	34.1	2,056.3	31	35	4.5	30.0	3	1.10	81.5	3.4	1136.75	4.8
Monsanto/DPL	11R142B2R2	5370.1	38.0	2,039.3	31	38	4.3	33.1	3	1.18	82.5	4.4	1150.93	4.3
AZ Cotton Growers	ACGA288	6276.7	32.4	2,032.0	31	37	4.0	31.1	3	1.17	81.4	4.0	1137.90	4.8
Monsanto/DPL	10R051B2R2	5288.5	38.1	2,018.0	21	37	4.3	31.4	3	1.15	83.1	5.0	1150.86	4.2
AZ Cotton Growers	ACGA082	6154.2	32.7	2,013.2	31	38	4.6	35.9	3	1.18	83.3	4.6	1138.46	4.6
Bayer	BX1252LLB2	5807.1	34.3	1,989.4	31	37	4.1	33.7	5	1.15	82.0	1.6	1064.87	4.9
Dow/Phytogen	PHY5263WRF	5643.7	35.1	1,983.3	31	39	3.8	33.1	4	1.21	82.4	3.7	1103.48	3.9
AZ Cotton Growers	ACGA225	5766.3	33.2	1,913.9	31	36	4.6	32.4	3	1.12	82.1	4.2	1075.38	4.5
Bayer/FiberMax	FM2989GLB2	5619.2	33.8	1,897.2	31	37	4.1	31.7	3	1.16	82.2	3.3	1049.75	4.4
Bayer	BX1264B2F	5688.7	33.0	1,876.6	41	37	3.9	32.2	6	1.16	81.9	-1.9	937.11	4.9
Monsanto/DPL	DP1252B2RF	4831.1	38.6	1,866.1	31	37	4.3	31.3	3	1.16	83.0	4.7	1058.28	4.0
Dow/Phytogen	PHY5322WRF	5435.5	34.1	1,854.7	31	38	3.8	31.6	4	1.18	82.2	3.7	1031.65	4.2
DynaGro	CT11212	5133.3	35.9	1,844.3	21	37	4.1	31.1	2	1.15	83.2	5.3	1056.62	4.2
AZ Cotton Growers	ACGA265	5700.9	31.8	1,811.0	31	37	4.3	33.1	3	1.17	82.6	4.0	1013.54	4.8
Bayer/FiberMax	FM2484B2F	4827.0	35.7	1,724.8	21	37	3.9	33.0	3	1.16	81.9	4.8	980.25	4.6
Bayer	BX1223GL	5161.9	33.0	1,703.4	31	38	4.0	34.2	3	1.18	83.5	4.4	960.08	5.3
AZ Cotton Growers	ACGA286	4880.1	33.1	1,618.0	31	37	4.3	32.1	3	1.16	81.1	4.6	915.34	5.1
AZ Cotton Growers	ACGA290	4753.5	33.5	1,594.2	31	37	4.7	33.3	4	1.14	83.0	3.0	877.58	4.5
Average		5885.5	35.0	2061.5	---	37	4.1	32.4	4	1.15	82.3	3.1	\$1134.52	4.6
LSD§		---	1.3	208.04	---	1	0.3	1.5	1	0.03	0.8	1.8	\$124.42	0.5
OSL†		---	0.000	0.000	---	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
CV‡		---	2.7	7.2	---	1.8	4.5	3.2	22.1	1.7	0.7	39.1	7.8	8.2

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

# 2011

Cotton Variety Testing Results



## Yield and fiber quality data for The University of Arizona Upland Cotton Advanced Strain Testing Program, Safford, AZ, 2011

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)	Boll Weight (g/boll)
Bayer/FiberMax	FM2989GLB2	5,923.1	37.2	2,201.4	31	37	4.8	30.4	2	1.17	82.2	4.5	\$1,244.60	5.3
Monsanto/DPL	11R159B2R2	5,276.1	40.5	2,140.8	31	38	4.5	32.7	2	1.17	81.7	4.7	\$1,213.59	4.5
Monsanto/DPL	DP1219B2RF	5,439.0	39.1	2,124.7	31	38	4.3	32.2	2	1.17	81.8	4.9	\$1,208.72	4.3
Monsanto/DPL	11R154B2R2	5,416.3	39.0	2,110.8	31	38	4.3	34.0	2	1.18	81.8	4.8	\$1,199.53	4.7
Bayer/FiberMax	FM2484B2F	5,316.8	38.6	2,052.8	31	38	4.5	32.5	2	1.20	82.4	4.9	\$1,167.93	4.3
Monsanto/DPL	DP1252B2RF	4,764.8	42.8	2,040.4	21	37	4.8	29.3	1	1.16	83.7	5.5	\$1,172.84	4.4
Monsanto/DPL	DP1044B2RF	5,267.0	38.3	2,017.2	21	37	4.8	29.7	2	1.15	82.8	5.2	\$1,154.97	4.3
Monsanto/DPL	10R051B2R2	4,669.7	42.6	1,991.7	21	37	4.8	29.0	2	1.15	83.5	5.3	\$1,141.41	4.5
AZ Cotton Growers	ACGA246	5,221.8	38.1	1,990.1	31	37	4.6	30.5	2	1.14	82.7	4.8	\$1,131.09	5.4
AZ Cotton Growers	ACGA287	5,203.7	36.9	1,922.9	31	38	4.9	33.3	3	1.18	82.8	4.1	\$1,078.98	4.5
Dow/Phytogen	PHY5322WRF	5,176.5	37.1	1,917.7	31	38	4.2	30.3	2	1.19	82.3	4.8	\$1,088.50	4.3
Bayer/FiberMax	FM9170B2F	5,036.2	38.0	1,914.7	31	38	4.3	31.5	2	1.20	82.4	4.8	\$1,087.15	5.0
Dow/Phytogen	PHY499WRF	4,823.6	39.5	1,907.7	31	37	4.7	31.5	3	1.14	83.4	4.3	\$1,074.14	4.8
Dow/Phytogen	PHY5263WRF	5,031.7	37.8	1,903.7	31	39	4.4	32.0	3	1.21	82.4	4.6	\$1,077.61	4.5
AZ Cotton Growers	ACGA213	5,081.5	37.4	1,902.9	31	37	4.8	31.2	2	1.17	82.9	4.4	\$1,072.01	4.4
AZ Cotton Growers	ACGA243	5,104.1	37.2	1,895.1	31	38	4.6	33.6	2	1.19	82.5	4.7	\$1,075.11	4.4
Bayer	BX1261B2F	5,181.0	36.3	1,883.7	31	37	4.5	31.4	2	1.17	82.0	4.8	\$1,069.07	4.8
Monsanto/DPL	11R142B2R2	4,665.2	40.3	1,880.8	31	37	4.7	31.5	2	1.17	82.0	4.7	\$1,065.67	4.6
AZ Cotton Growers	ACGA288	5,140.3	36.6	1,880.8	21	38	4.6	30.5	2	1.18	81.1	5.3	\$1,078.58	4.6
AZ Cotton Growers	ACGA271	5,230.8	35.4	1,852.3	21	38	4.7	32.7	1	1.18	82.4	5.5	\$1,064.13	4.9
AZ Cotton Growers	ACGA279	4,841.7	37.3	1,803.1	31	36	4.6	30.4	2	1.12	81.3	3.3	\$999.97	5.3
Bayer/Stoneville	ST4498B2F	4,896.0	36.7	1,797.8	31	37	4.6	32.1	3	1.14	83.5	4.8	\$1,020.03	5.4
Monsanto/DPL	11R136B2R2	4,728.6	37.8	1,787.3	31	39	4.7	32.3	2	1.21	83.7	5.1	\$1,019.66	4.5
Dow/Phytogen	PHY375WRF	4,696.9	38.0	1,784.9	31	37	4.5	29.0	2	1.13	82.1	4.3	\$1,005.39	4.9
DynaGro	CT11622B2RF	4,334.9	41.1	1,783.4	21	37	4.6	29.0	2	1.16	82.9	5.2	\$1,019.52	4.4
Monsanto/DPL	10R020B2R2	4,574.7	38.9	1,778.3	21	36	5.1	28.5	2	1.10	82.6	2.9	\$978.21	5.5
Dow/Phytogen	PHY4339WRF	4,579.2	38.3	1,754.7	31	37	4.5	29.5	2	1.16	82.2	4.6	\$992.36	4.1
Bayer	BX1262B2F	4,724.0	37.0	1,749.4	31	37	4.8	30.9	3	1.15	83.1	3.9	\$976.07	4.7
Bayer/Stoneville	ST4145LLB2	4,941.2	35.3	1,743.8	31	37	4.6	30.5	4	1.15	82.1	3.3	\$963.84	4.7
AZ Cotton Growers	ACGA285	4,945.7	35.1	1,735.4	31	38	4.4	32.0	2	1.19	83.0	4.8	\$985.77	4.6
AZ Cotton Growers	ACGA289	4,715.0	36.8	1,734.2	21	37	4.6	30.9	2	1.15	82.1	5.3	\$993.64	4.7
Bayer	BX1223GL	4,696.9	36.3	1,703.7	31	38	4.3	32.8	2	1.19	83.3	5.1	\$972.05	5.6
AZ Cotton Growers	ACGA290	4,552.1	37.1	1,688.2	31	37	4.9	32.5	1	1.17	83.8	4.5	\$954.18	4.3
Bayer	BX1264B2F	4,705.9	35.6	1,676.9	31	37	4.5	30.6	3	1.15	82.0	3.9	\$938.14	5.1
Bayer	BX1252LLB2	4,511.4	37.1	1,673.8	31	38	4.8	30.9	3	1.18	82.4	4.0	\$938.77	5.1
Monsanto/DPL	DP1212B2RF	4,375.6	36.9	1,613.5	31	38	4.9	31.5	3	1.19	83.4	3.0	\$888.53	5.0
Dow/Phytogen	PHY367WRF	4,312.3	37.4	1,613.3	31	37	4.5	29.9	3	1.14	82.6	4.5	\$910.85	4.6
DynaGro	CT11212B2RF	4,045.3	39.6	1,603.7	21	37	4.8	28.5	2	1.15	83.7	4.7	\$908.54	4.7
Bayer	BX1150B2F	4,579.2	34.7	1,589.3	31	38	4.8	32.8	3	1.18	83.0	4.0	\$892.57	5.3
Bayer	BX1254LLB2	4,172.0	36.9	1,541.5	31	37	5.0	31.4	4	1.15	82.4	2.4	\$838.69	5.1
Average		4872.4	37.8	1842.2	---	37	4.6	31.1	2	1.16	82.6	4.5	\$1,041.56	4.8
LSD§		---	0.9	196.7	---	1	0.2	1.5	1	0.03	0.8	1.0	\$115.49	0.0
OSL†		---	0.0001	0.0001	---	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
CV‡		---	1.7	7.6	---	1.7	3.7	3.6	23.1	1.6	0.7	15.5	7.9	8.1

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**

Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Yuma, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Monsanto/DPL	DP1044B2RF	5,658.7	33.6	1,915.5	.	37	4.6	30.7	.	1.15	81.9	.	.
Monsanto/DPL	DP0912B2RF	5,217.5	34.1	1,777.4	.	37	4.4	31.2	.	1.16	82.2	.	.
Dow/Phytogen	PHY375WRF	4,943.7	35.7	1,772.4	.	37	4.6	30.3	.	1.15	82.1	.	.
Monsanto/DPL	DP1032B2RF	4,601.5	38.0	1,756.4	.	37	4.4	30.5	.	1.15	82.1	.	.
Dow/Phytogen	PHY499WRF	4,692.7	37.2	1,738.0	.	37	4.4	29.8	.	1.14	82.2	.	.
Bayer/Stoneville	ST5458B2F	4,533.0	35.0	1,583.6	.	36	4.5	30.7	.	1.14	82.0	.	.
DynaGro	DG2450B2RF	4,677.5	31.8	1,494.0	.	36	4.5	29.3	.	1.12	81.9	.	.
Bayer/Stoneville	ST4498B2F	4,244.0	33.1	1,411.3	.	36	4.6	29.4	.	1.13	81.6	.	.
Dow/Phytogen	PHY367WRF	4,342.9	31.7	1,382.2	.	37	4.5	31.0	.	1.16	82.2	.	.
Bayer/FiberMax	FM2484B2F	3,681.2	31.9	1,180.5	.	37	4.3	30.8	.	1.15	81.8	.	.
Average		4659.3	34.2	1601.1	---	37	4.5	30.4	---	1.14	82.0	---	---
LSD§		---	NS	409.4	---	NS	NS	NS	---	NS	NS	---	---
OSL†		---	0.097	0.031	---	0.395	0.856	0.907	---	0.642	0.994	---	---
CV‡		---	8.0	14.9	---	2.1	5.2	5.8	---	2.5	1.0	---	---

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**

Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Parker, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Dow/Phytogen	PHY499WRF	8,695.7	33.2	2,883.0	41	37	4.4	31.4	4	1.15	82.6	2.0	\$1,555.39
Dow/Phytogen	PHY375WRF	8,329.2	30.9	2,572.3	31	37	4.0	29.5	3	1.14	81.3	3.8	\$1,433.83
Monsanto/DPL	DP1032B2RF	7,879.0	32.2	2,546.1	31	37	4.3	30.6	4	1.16	81.0	3.3	\$1,409.01
Bayer/Stoneville	ST4498B2F	8,204.1	30.8	2,529.5	31	36	4.4	31.4	3	1.12	82.3	3.9	\$1,413.16
DynaGro	DG2450B2RF	8,300.8	30.2	2,507.1	31	36	4.0	27.8	3	1.12	80.0	3.5	\$1,391.46
Monsanto/DPL	DP0949B2RF	8,013.1	31.3	2,505.7	31	37	4.2	31.1	3	1.16	82.0	4.4	\$1,413.32
Monsanto/DPL	DP1044B2RF	8,289.4	30.1	2,494.0	31	37	4.4	30.1	3	1.15	81.4	4.4	\$1,407.51
Bayer/Stoneville	ST5458B2F	8,183.8	29.1	2,376.2	31	36	4.6	29.2	3	1.13	80.0	2.8	\$1,301.50
Dow/Phytogen	PHY565WRF	7,648.2	29.2	2,236.3	31	38	4.2	32.2	4	1.17	82.2	3.1	\$1,231.60
Bayer/FiberMax	FM2484B2F	7,233.3	29.8	2,155.2	31	38	4.0	31.4	3	1.19	81.5	4.3	\$1,214.51
Average		8,072.1	30.8	2,486.0	---	37	4.2	30.5	3	1.15	81.5	3.6	\$1,381.11
LSD§		---	2.0	271.2	---	NS	0.2	1.4	NS	NS	1.7	0.9	\$154.14
OSL†		---	0.007	0.001	---	0.100	0.001	0.000	0.153	0.051	0.044	0.000	0.003
CV‡		---	4.3	7.1	---	2.6	3.9	3.0	22.5	2.3	1.4	16.1	7.3

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Aztec, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)
Dow/Phytogen	PHY499WRF	4,611.1	36.1	1,664.6	51	35	4.6	31.3	4	1.09	82.3	-1.1	\$844.81
Monsanto/DPL	DP0949B2RF	4,758.6	32.6	1,550.2	51	35	4.6	30.3	6	1.10	82.1	-3.3	\$758.43
Monsanto/DPL	DP1032B2RF	4,578.1	33.5	1,534.8	41	36	4.4	28.7	4	1.11	81.2	1.2	\$816.66
DynaGro	DG2450B2RF	4,860.4	30.9	1,503.2	41	36	4.1	28.2	4	1.11	81.0	0.3	\$786.33
Monsanto/DPL	DP1044B2RF	4,390.4	31.1	1,366.2	51	36	4.5	29.9	4	1.10	81.1	-0.9	\$699.95
Bayer/Stoneville	ST5458B2F	4,172.6	31.3	1,305.0	51	35	4.6	30.4	7	1.09	81.4	-5.7	\$603.23
Dow/Phytogen	PHY565WRF	4,218.4	30.9	1,304.2	51	36	4.4	31.6	6	1.10	81.8	-4.4	\$621.23
Dow/Phytogen	PHY375WRF	3,914.7	32.6	1,275.1	41	34	4.3	28.7	5	1.07	81.5	-1.6	\$643.83
Bayer/FiberMax	FM2484B2F	3,929.8	30.7	1,209.0	41	36	4.1	30.5	4	1.13	81.2	0.7	\$637.30
Bayer/Stoneville	ST4498B2F	3,489.1	32.0	1,114.2	51	35	4.6	31.6	6	1.10	82.5	-5.0	\$523.30
Average		4292.3	32.2	1382.7	---	35	4.4	30.1	5	1.10	81.6	-2.0	\$693.51
LSD§		---	1.1	141.7	---	1	0.3	1.8	1	0.02	0.9	3.1	\$91.11
OSL†		---	0.000	0.000	---	0.023	0.004	0.005	0.001	0.005	0.011	0.001	0.000
CV‡		---	2.0	6.0	---	1.6	3.9	3.5	15.4	1.3	0.6	-90.2	7.7

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Goodyear, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)
Monsanto/DPL	DP1219B2R2	5,590.3	34.0	1,902.7	31	39	4.3	33.4	2	1.20	81.5	4.8	\$1,081.21
Bayer/Stoneville	ST5458B2F	5,179.1	32.7	1,693.0	31	38	4.7	30.5	4	1.18	81.7	3.5	\$939.31
Dow/Phytogen	PHY499WRF	4,547.8	35.3	1,605.7	41	38	4.7	32.0	4	1.17	83.7	2.0	\$866.26
Monsanto/DPL	DP1044B2RF	4,893.7	32.0	1,565.9	31	38	4.2	30.0	2	1.19	82.5	4.7	\$888.30
Monsanto/DPL	DP0912B2RF	4,771.7	32.2	1,535.5	31	37	4.8	29.6	2	1.14	82.9	4.6	\$868.75
Monsanto/DPL	DP0935B2RF	4,588.1	33.2	1,525.4	31	37	4.6	29.8	1	1.15	81.8	4.4	\$860.70
Monsanto/DPL	DP1032B2RF	4,152.9	34.4	1,429.7	31	38	4.3	31.0	2	1.17	81.9	4.8	\$812.37
Monsanto/DPL	DP1212B2R2	4,341.2	31.8	1,379.9	31	39	4.8	31.4	4	1.21	84.0	4.0	\$772.71
Monsanto/DPL	DP161B2RF	4,859.1	28.2	1,370.0	31	40	4.1	30.6	3	1.23	82.6	4.7	\$776.38
Monsanto/DPL	10R020B2R2	4,235.5	32.2	1,364.6	21	37	4.4	28.9	2	1.17	83.0	5.2	\$780.57
Bayer/FiberMax	FM2484B2F	4,066.4	31.1	1,266.1	31	39	3.8	30.6	3	1.21	82.1	4.7	\$717.56
Average		4,656.9	32.5	1,512.6	---	38	4.4	30.7	2	1.18	82.5	4.3	\$851.28
LSD§		---	1.2	69.2	---	1	0.2	1.5	1	NS	NS	0.8	\$43.06
OSL†		---	0.000	0.000	---	0.021	0.000	0.003	0.004	0.069	0.053	0.000	0.000
CV‡		---	1.7	2.1	---	1.7	2.3	2.2	22.5	2.0	0.8	8.1	2.3

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Enterprise Ranch, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Monsanto/DPL	DP1219B2RF	3,414.7	34.1	1,163.2	31	36	4.9	33.2	3	1.13	80.7	3.2	\$642.02
Monsanto/DPL	DP1044B2RF	3,613.2	31.3	1,131.5	41	38	3.9	32.6	5	1.18	82.1	0.9	\$598.51
Monsanto/DPL	DP161B2RF	3,493.0	27.9	975.1	41	39	4.2	33.1	4	1.22	82.3	1.9	\$525.38
Monsanto/DPL	DP0912B2RF	2,781.0	33.0	918.4	51	36	5.1	30.6	5	1.12	82.2	-4.2	\$438.84
Monsanto/DPL	DP0935B2RF	2,732.5	33.3	909.1	41	37	4.8	32.2	3	1.15	81.7	2.2	\$492.71
Monsanto/DPL	DP1212B2RF	2,684.1	32.7	878.0	41	37	4.9	34.2	5	1.15	82.4	-1.3	\$445.31
Monsanto/DPL	DP1032B2RF	2,479.0	34.4	851.6	41	37	4.6	31.0	4	1.16	82.0	1.9	\$459.11
Monsanto/DPL	10R020B2R2	2,158.4	32.0	689.8	41	37	4.5	29.4	4	1.13	82.5	1.7	\$370.57
Average		2,919.5	32.3	939.6	---	37	4.6	32.0	4	1.15	82.0	0.8	\$496.55
LSD§		---	2.4	119.3	---	1	0.6	2.0	1	0.04	0.9	2.3	\$71.69
OSL†		---	0.006	0.001	---	0.016	0.037	0.009	0.003	0.016	0.028	0.002	0.001
CV‡		---	3.1	5.4	---	1.6	5.9	2.6	9.6	1.6	0.5	124.2	6.1

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Stanfield, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Monsanto/DPL	DP1044B2RF	5,897.2	34.6	2,041.1	31	37	4.8	29.7	2	1.16	82.7	4.7	\$1,156.52
Bayer/Stoneville	ST4498B2F	5,407.4	34.2	1,849.9	34	37	4.7	30.4	2	1.16	83.4	3.5	\$1,027.23
Dow/Phytogen	PHY499WRF	4,990.3	37.0	1,845.1	34	37	4.9	31.2	3	1.16	82.9	3.4	\$1,022.93
Bayer/Stoneville	ST5458B2F	5,424.6	33.5	1,815.9	31	38	5.0	30.8	2	1.17	82.0	3.7	\$1,012.57
Monsanto/DPL	DP1032B2RF	4,857.8	36.4	1,767.5	34	37	4.7	29.9	2	1.17	82.6	3.3	\$979.06
Monsanto/DPL	DP0949B2RF	5,066.1	34.9	1,766.7	31	38	4.9	30.4	2	1.18	82.7	3.1	\$972.90
Dow/Phytogen	PHY565WRF	5,232.9	33.0	1,727.7	36	38	4.4	30.5	3	1.18	82.8	3.3	\$956.12
Bayer/FiberMax	FM2484B2F	4,885.9	34.7	1,696.8	34	38	4.6	30.5	2	1.19	82.7	4.2	\$953.36
DynGro	DG2450B2RF	4,921.5	33.5	1,646.3	31	38	4.7	28.9	2	1.17	82.9	4.4	\$942.45
Dow/Phytogen	PHY375WRF	4,491.0	32.4	1,450.3	31	39	4.5	32.2	2	1.23	82.2	4.9	\$824.56
Average		5117.5	34.4	1760.7	---	38	4.7	30.5	2	1.18	82.7	3.8	\$985.86
LSD§		---	1.4	90.8	---	1	0.3	1.1	1	0.02	NS	NS	\$63.11
OSL†		---	0.000	0.000	---	0.000	0.002	0.001	0.001	0.000	0.376	0.354	0.000
CV‡		---	2.7	3.6	---	1.3	4.0	2.5	15.4	1.4	0.8	29.7	4.3

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**

Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Coolidge, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)
Dow/Phytogen	PHY499WRF	4,018.6	39.6	1,591.5	21	36	5.0	30.1	2	1.12	82.1	3.8	\$889.31
Dow/Phytogen	PHY375WRF	4,163.1	37.7	1,567.8	21	36	4.8	28.8	2	1.11	81.5	3.6	\$872.35
Bayer/Stoneville	ST5458B2F	4,212.6	36.0	1,513.1	21	37	5.1	30.5	2	1.14	81.2	3.4	\$836.97
DynaGro	DG2450B2RF	4,016.5	36.7	1,473.1	21	37	4.6	28.9	2	1.15	82.5	5.1	\$841.55
Bayer/Stoneville	ST4498B2F	4,038.0	36.4	1,470.2	21	36	4.9	31.3	3	1.13	83.2	4.7	\$832.48
Monsanto/DPL	DP1044B2RF	3,891.0	36.0	1,400.5	21	37	5.0	29.7	1	1.14	82.0	3.5	\$777.27
Monsanto/DPL	DP0949B2RF	3,513.8	38.2	1,341.8	21	37	5.2	30.9	2	1.13	81.3	2.5	\$731.44
Monsanto/DPL	DP1032B2RF	3,323.5	39.0	1,301.6	21	37	4.7	30.3	2	1.15	81.1	5.3	\$745.13
Bayer/FiberMax	FM2484B2F	3,217.1	35.1	1,132.7	21	38	4.5	31.8	2	1.19	81.7	5.3	\$649.65
Dow/Phytogen	PHY565WRF	3,149.1	35.5	1,116.0	21	37	4.7	32.1	3	1.15	82.4	5.2	\$638.68
Average		3,754.3	37.0	1,390.8	---	37	4.8	30.4	2	1.14	81.9	4.2	\$781.48
LSD§		---	2.3	211.7	---	1	0.2	1.2	1	0.03	1.0	1.5	\$119.02
OSL†		---	0.004	0.000	---	0.000	0.000	0.000	0.032	0.000	0.004	0.004	0.001
CV‡		---	4.3	10.5	---	1.4	2.6	2.8	23.6	1.5	0.8	24.5	10.5

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**

Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Aguila, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)
Dow/Phytogen	PHY499WRF	4,953.0	35.0	1,733.3	31	37	4.9	31.8	4	1.17	83.7	4.0	\$969.28
Bayer/FiberMax	FM2484B2F	4,619.5	36.6	1,691.9	31	38	4.6	31.7	3	1.18	82.4	4.6	\$957.95
Monsanto/Deltapine	DP1032B2RF	4,555.0	36.5	1,660.5	31	38	4.8	32.0	2	1.17	81.8	4.8	\$942.34
Bayer/Stoneville	ST5458B2F	5,041.5	32.9	1,660.1	31	37	5.2	30.5	4	1.16	81.7	1.4	\$886.28
Monsanto/Deltapine	DP0949B2RF	4,608.4	34.5	1,589.9	31	37	5.0	31.2	3	1.15	81.9	3.2	\$876.90
Bayer/Stoneville	ST4498B2F	4,510.8	34.7	1,567.4	31	37	4.8	31.5	4	1.16	83.6	4.0	\$876.67
Dow/Phytogen	PHY375WRF	4,363.4	35.7	1,561.3	31	37	4.7	30.4	3	1.14	82.4	4.3	\$878.60
Monsanto/Deltapine	DP1044B2RF	4,838.8	32.0	1,551.3	31	37	5.0	30.8	3	1.15	83.0	3.3	\$859.42
DynaGro	DG2450B2RF	4,588.2	33.5	1,538.2	31	37	4.8	29.5	3	1.16	82.4	4.1	\$862.83
Dow/Phytogen	PHY565WRF	4,604.8	32.1	1,476.7	31	38	4.7	32.4	4	1.18	83.2	3.3	\$815.86
Average		4668.3	34.4	1603.1	---	37	4.8	31.2	3	1.16	82.6	3.7	\$892.61
LSD§		---	2.2	NS	---	NS	0.2	NS	1	NS	NS	NS	NS
OSL†		---	0.006	0.514	---	0.141	0.014	0.228	0.014	0.355	0.177	0.122	0.479
CV‡		---	2.8	7.1	---	1.2	2.3	3.0	11.8	1.5	0.9	24.9	7.6

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Marana, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Monsanto/DPL	DP1032B2RF	4,677.3	35.5	1,659.9	21	37	4.1	31.2	2	1.17	81.5	5.6	\$956.12
DynaGro	DG2450B2RF	4,836.2	34.0	1,642.9	31	38	3.9	34.6	3	1.18	82.6	4.7	\$958.81
Bayer/Stoneville	ST4498B2F	4,670.1	34.9	1,631.9	31	37	4.1	34.0	3	1.17	82.3	4.6	\$922.85
Dow/Phytogen	PHY499WRF	4,759.2	34.3	1,630.3	31	37	4.0	32.1	3	1.17	82.4	4.5	\$920.29
Monsanto/DPL	DP0949B2RF	4,744.7	34.3	1,628.8	31	37	4.2	32.1	3	1.16	81.6	4.5	\$919.44
Dow/Phytogen	PHY375WRF	4,825.4	33.7	1,623.4	31	37	3.9	31.7	3	1.17	82.8	4.6	\$918.03
Bayer/FiberMax	FM2484B2F	4,694.2	33.8	1,586.5	31	37	3.9	32.6	3	1.15	82.0	4.5	\$868.97
Monsanto/DPL	DP1044B2RF	4,849.4	32.2	1,559.7	31	38	4.2	31.3	3	1.16	81.5	4.3	\$877.75
Dow/Phytogen	PHY565WRF	4,658.1	32.6	1,516.5	31	38	4.1	33.5	3	1.18	82.1	4.5	\$856.06
Bayer/Stoneville	ST5458B2F	4,706.2	32.0	1,505.7	21	37	4.3	31.1	4	1.15	80.3	4.2	\$846.25
Average		4,742.1	33.7	1,598.6	---	37	4.1	32.3	3	1.16	81.8	4.6	\$903.41
LSD§		---	2.0	NS	---	NS	NS	NS	1	NS	NS	NS	\$66.20
OSL†		---	0.037	0.161	---	0.336	0.653	0.292	0.032	0.371	0.064	0.064	0.037
CV‡		---	2.6	3.4	---	0.9	4.7	3.9	8.5	1.0	0.6	6.5	2.8

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Thatcher, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Monsanto/DPL	DP1028B2RF	4,689.6	41.1	1,927.9	21	37	4.2	29.8	2	1.15	82.9	5.2	\$1,103.36
Monsanto/DPL	DP1133B2RF	4,657.1	39.4	1,835.6	21	37	4.5	32.4	2	1.17	83.1	5.5	\$1,056.14
Bayer/FiberMax	FM2484B2F	4,696.2	37.5	1,759.3	21	39	4.0	31.0	2	1.21	81.7	5.5	\$1,011.57
Dow/Phytogen	PHY367WRF	4,638.1	36.6	1,697.4	21	37	4.2	32.0	3	1.15	82.6	5.2	\$970.30
Dow/Phytogen	PHY499WRF	4,419.4	38.0	1,680.7	21	37	4.4	31.1	3	1.14	82.7	5.0	\$957.53
Bayer/Stoneville	ST4498B2F	4,540.1	36.7	1,665.0	31	37	4.2	31.7	3	1.14	83.0	4.3	\$938.07
Monsanto/DPL	DP1044B2RF	4,459.1	36.5	1,628.0	21	37	4.2	31.5	3	1.15	82.5	5.3	\$931.94
Dow/Phytogen	PHY565WRF	4,465.0	35.2	1,571.1	21	37	4.0	30.5	2	1.16	82.3	5.3	\$900.66
Bayer/FiberMax	FM9250GL	4,168.7	36.0	1,499.6	21	38	4.1	30.2	2	1.18	81.8	5.2	\$857.62
Bayer/FiberMax	FM9180B2F	3,813.6	35.3	1,348.8	21	38	4.2	33.5	2	1.19	82.8	5.7	\$778.91
Average		4,454.7	37.2	1,661.4	---	37	4.2	31.4	2	1.16	82.5	5.2	\$950.61
LSD§		---	1.1	137.8	---	1	NS	1.7	NS	0.02	0.9	0.5	\$80.31
OSL†		---	0.000	0.000	---	0.000	0.165	0.006	0.083	0.000	0.021	0.001	0.000
CV‡		---	2.0	5.7	---	1.3	5.5	3.8	22.6	1.5	0.7	6.5	5.8

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona Upland Cotton Variety Testing Program, Sunizona, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Bayer/Stoneville	ST5288B2F	3,552.4	38.0	1,347.6	31	37	3.5	27.7	4	1.14	80.8	1.0	\$713.64
Dow/Phytogen	PHY375WRF	3,444.0	38.8	1,333.0	21	36	3.0	27.1	3	1.12	81.0	-1.7	\$667.59
Dow/Phytogen	PHY367WRF	3,431.4	36.7	1,263.1	21	37	2.9	28.5	3	1.13	80.9	-0.7	\$650.21
Monsanto/DPL	DP0912B2RF	3,138.6	38.7	1,208.4	31	37	3.4	28.9	4	1.14	81.8	1.7	\$645.10
Bayer/FiberMax	FM9180B2F	2,903.1	35.3	1,024.8	31	38	3.0	31.2	4	1.19	82.1	-2.4	\$506.07
Dow/Phytogen	PHY755WRF	2,749.3	34.0	941.1	31	39	2.9	30.1	4	1.22	81.8	-4.4	\$456.39
Bayer/FiberMax	FM2484B2F	2,358.3	38.4	912.8	31	37	2.8	29.1	3	1.15	80.1	-2.3	\$461.64
Monsanto/DPL	DP1028B2RF	2,352.5	36.4	856.6	21	36	2.6	26.8	2	1.13	80.9	-3.5	\$417.23
Monsanto/DPL	DP1044B2RF	2,329.3	33.6	783.4	31	36	2.7	27.8	5	1.13	80.9	-5.7	\$365.44
Average		2,917.7	36.7	1,074.5	--	37	3.0	28.6	3	1.15	81.1	-2.0	\$542.59
LSD§		--	NS	208.1	--	NS	NS	2.1	NS	0.06	1.8	NS	\$180.20
OSL†		--	0.080	0.001	--	0.064	0.459	0.018	0.052	0.038	0.352	0.711	0.015
CV‡		--	4.6	8.4	--	2.2	13.3	3.2	17.1	2.1	0.9	-208.3	14.4

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for the Bayer Crop Science Cotton Agronomic Performance (CAP) Program, Coolidge, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Bayer/Stoneville	ST4498B2F	4,767.2	38.2	1,818.8	31	36	4.5	28.6	2	1.10	82.6	2.7	\$994.23
Bayer/FiberMax	FM9170B2F	4,393.3	37.9	1,664.7	31	38	4.3	28.7	2	1.19	81.6	3.2	\$918.63
Bayer/Stoneville	ST5288B2F	4,154.0	38.8	1,610.7	41	36	5.0	26.5	3	1.11	81.3	-1.2	\$822.67
Bayer	BX1264B2F	4,333.1	36.0	1,561.3	41	37	4.2	28.4	3	1.16	82.7	2.1	\$844.67
Monsanto/DPL	DP1044B2RF	4,017.8	38.5	1,548.8	31	35	4.9	25.6	1	1.08	81.5	1.2	\$827.06
Bayer	BX1262B2F	4,045.1	37.5	1,515.9	31	36	4.9	27.8	2	1.11	81.5	2.4	\$827.67
Bayer/Stoneville	ST5458B2F	3,866.7	37.4	1,451.0	31	37	4.7	28.6	2	1.15	80.8	1.9	\$788.90
Bayer/FiberMax	FM1740B2F	3,532.1	39.0	1,376.4	31	35	5.0	26.2	2	1.07	80.6	0.3	\$720.45
Bayer/FiberMax	FM2011GT	3,523.5	39.0	1,372.3	31	36	4.7	28.0	2	1.11	81.3	1.5	\$734.23
Bayer/FiberMax	FM2484B2F	3,103.7	38.0	1,178.5	31	36	4.7	27.8	1	1.13	80.3	4.2	\$662.29
Bayer/FiberMax	FM9250GL	3,298.5	35.6	1,177.1	31	38	4.3	29.5	3	1.17	81.7	3.0	\$646.32
Average		3,950.8	37.8	1,493.9	--	36	4.6	27.8	2	1.12	81.5	1.8	\$805.33
LSD§		--	1.7	NS	--	NS	NS	2.2	NS	NS	NS	NS	NS
OSL†		--	0.010	0.229	--	0.320	0.330	0.040	0.507	0.154	0.390	0.808	0.493
CV‡		--	1.9	13.4	--	3.7	8.0	3.3	40.1	3.4	1.1	140.3	17.3

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for the Bayer Crop Science Cotton Agronomic Performance (CAP) Program, Eloy, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Bayer	BX1262B2F	4,995.5	35.9	1,794.2	31	36	5.0	28.2	3	1.11	81.7	2.7	\$979.55
Monsanto/DPL	DP1044B2RF	5,027.4	34.4	1,726.8	31	36	4.8	27.2	2	1.12	81.8	2.8	\$947.10
Bayer/Stoneville	ST4498B2F	4,812.9	34.9	1,680.7	21	34	5.0	29.2	1	1.07	80.7	-0.1	\$872.28
Bayer/Stoneville	ST5288B2F	4,789.1	35.0	1,676.4	31	35	4.9	25.7	3	1.07	80.6	0.7	\$882.72
Bayer/Stoneville	ST5458B2F	4,744.1	34.5	1,637.4	31	36	5.0	28.5	3	1.11	80.9	2.5	\$892.89
Bayer	BX1261B2F	4,996.3	32.0	1,603.0	21	36	4.4	28.4	2	1.11	80.4	4.5	\$904.85
Bayer/FiberMax	FM9170B2F	4,519.8	34.9	1,579.1	41	38	4.2	30.0	2	1.17	82.3	2.3	\$856.75
Bayer/FiberMax	FM1740B2F	4,314.2	36.6	1,578.3	31	36	4.6	28.0	2	1.12	81.5	3.9	\$881.08
Bayer	BCSX1150B2F	4,855.5	31.9	1,549.2	31	38	4.9	30.5	3	1.17	82.8	4.6	\$877.23
Bayer/FiberMax	FM2011GT	4,141.5	36.6	1,517.1	31	35	5.0	28.1	2	1.08	81.2	1.1	\$806.63
Bayer/FiberMax	FM2484B2F	4,080.9	36.6	1,494.3	21	36	4.6	28.4	2	1.12	80.1	4.6	\$845.54
Bayer	BX1264B2F	4,334.7	33.7	1,457.8	31	36	4.4	28.7	3	1.13	81.7	3.5	\$808.98
Bayer/FiberMax	FM9250GL	3,976.1	33.2	1,321.8	31	37	4.4	29.9	3	1.15	81.9	4.5	\$746.16
Average		4583.7	34.6	1585.9	29	36	4.7	28.5	2	1.12	81.3	2.9	\$869.37
LSD§		---	1.5	89.4	---	NS	0.4	1.5	1	NS	1.7	NS	\$68.27
OSL†		---	0.000	0.000	---	0.128	0.003	0.001	0.018	0.125	0.101	0.129	0.001
CV‡		---	2.0	2.6	---	3.1	3.7	2.4	21.7	3.0	1.0	55.7	3.6

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for the Bayer Crop Science Cotton Agronomic Performance (CAP) Program, Eloy, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value* (\$/acre)
Bayer	BX1254LLB2	5,535.1	34.4	1,903.3	31	37	4.7	30.3	3	1.17	81.8	4.1	\$1,067.74
Bayer/Stoneville	ST4145LLB2	5,649.7	33.3	1,883.2	31	37	4.4	28.9	4	1.14	82.0	2.7	\$1,029.19
Bayer	BX1244GLB2	4,989.7	35.0	1,744.7	31	37	4.2	29.5	2	1.17	80.3	4.6	\$987.04
Bayer/FiberMax	FM1773LLB2	5,338.6	32.0	1,707.7	31	40	4.3	31.1	3	1.24	81.1	4.3	\$961.45
Bayer/FiberMax	FM1845LLB2	5,273.1	31.9	1,682.2	31	39	4.3	31.0	2	1.22	81.7	4.8	\$954.65
Bayer	BX1252LLB2	5,345.1	31.4	1,679.0	21	36	4.5	29.0	2	1.13	81.8	4.9	\$954.52
Bayer	BX1245GLB2	4,947.2	33.7	1,669.1	31	37	4.4	29.1	2	1.15	81.8	4.2	\$937.09
Bayer/FiberMax	FM2989GLB2	4,737.6	33.7	1,596.8	31	38	4.2	29.6	2	1.17	81.7	4.6	\$903.75
Average		5135.5	33.4	1716.0	30	37	4.3	29.7	2	1.17	81.4	4.3	\$965.76
LSD§		---	1.5	69.5	---	NS	NS	NS	NS	NS	NS	NS	\$29.40
OSL†		---	0.024	0.004	---	0.496	0.852	0.531	0.111	0.594	0.919	0.493	0.003
CV‡		---	1.1	1.0	---	3.5	6.8	3.0	18.0	3.6	1.7	15.5	0.8

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for the Bayer Crop Science Cotton Agronomic Performance (CAP) Program, Thatcher, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Premium (cents/lb)	Value * (\$/acre)
Bayer/FiberMax	FM9170B2F	4,682.4	35.6	1,666.2	21	38	3.8	30.0	2	1.18	80.6	5.2	\$952.40
Bayer/FiberMax	FM9250GL	4,349.7	35.8	1,557.1	21	38	4.0	31.0	2	1.19	82.9	5.5	\$895.05
Bayer/FiberMax	FM1740B2F	4,233.9	36.4	1,543.0	21	37	4.1	29.7	1	1.15	81.7	5.4	\$885.34
Bayer/Stoneville	ST5288B2F	4,252.6	35.8	1,522.0	31	37	4.2	28.2	3	1.16	81.3	4.0	\$852.29
Bayer/FiberMax	FM2011GT	4,056.0	36.7	1,486.6	31	38	3.8	29.9	2	1.18	81.2	4.7	\$842.90
Monsanto/DPL	DP1044B2RF	4,447.5	33.1	1,471.6	21	36	3.5	27.4	1	1.11	78.0	2.7	\$803.69
Bayer	BX1264B2F	4,233.9	34.3	1,451.5	31	37	4.1	29.5	2	1.16	81.4	4.6	\$821.80
Bayer/Stoneville	ST5458B2F	4,152.4	34.7	1,438.6	31	37	4.0	29.7	3	1.14	79.8	4.0	\$805.75
Bayer/FiberMax	FM2989GLB2	4,320.3	33.2	1,435.6	21	38	3.6	29.9	2	1.18	80.9	5.3	\$822.63
Bayer/FiberMax	FM2484B2F	4,161.8	34.0	1,414.7	21	39	3.6	30.8	2	1.21	80.9	5.4	\$811.80
Bayer/Stoneville	ST4288B2F	3,972.0	33.7	1,339.2	31	37	4.1	29.1	2	1.17	82.4	4.5	\$756.89
Average		4260.2	34.8	1484.2	---	37	3.9	29.5	2	1.16	81.0	4.7	\$840.96
LSD§		---	1.4	NS	---	1	0.4	0.8	1	0.04	1.2	0.9	\$98.11
OSL†		---	0.000	0.078	---	0.000	0.012	0.000	0.000	0.001	0.000	0.000	0.033
CV‡		---	2.3	7.0	---	1.5	5.9	1.7	15.8	1.8	0.9	11.7	6.8

\* Value calculated from CCC loan schedule base price of \$0.52/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona ELS Cotton Variety Testing Program, Aguila, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Adjusted Price (cents/lb)	Value * (\$/acre)
Dow/Phytogen	PHY802RF	3,864.0	31.4	1,214.6	1	52	3.9	44.0	2	1.48	87.5	81.8	\$993.53
Dow/Phytogen	PHY805RF	3,631.8	33.0	1,199.8	1	50	4.2	43.8	1	1.44	87.7	81.8	\$981.43
Monsanto/DPL	DP357	3,712.9	31.8	1,182.2	1	48	4.3	41.3	1	1.41	87.4	81.8	\$966.50
Monsanto/DPL	DP340	3,635.5	31.7	1,157.3	1	48	4.3	39.7	1	1.40	87.0	81.8	\$946.21
Dow/Phytogen	PHY800	3,497.3	31.5	1,103.1	1	50	4.0	43.2	2	1.44	87.5	81.8	\$902.31
Dow/Phytogen	PHY830	3,216.3	32.5	1,043.8	1	50	4.5	41.3	2	1.43	87.3	81.8	\$853.85
Average		3593.0	32.0	1150.1	---	49	4.2	42.2	1	1.43	87.4	81.8	\$940.64
LSD§		---	NS	NS	---	1	0.2	1.6	NS	0.02	NS	NS	NS
OSL†		---	0.351	0.341	---	0.000	0.000	0.000	0.345	0.000	0.590	0.451	0.344
CV‡		---	3.5	10.2	---	1.5	2.8	2.5	34.4	1.0	0.6	0.1	10.2

\* Value calculated from CCC loan schedule base price of \$0.7977/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona ELS Cotton Variety Testing Program, Maricopa, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Adjusted Price (cents/lb)	Value * (\$/acre)	Boll Weight (g/boll)
Monsanto/DPL	DP340	4,749.4	31.9	1,512.9	1	48	4.3	41.1	2	1.38	86.4	81.7	\$1,236.48	3.2
Bayer	COBALT	4,667.7	30.7	1,435.1	1	48	4.2	40.6	1	1.39	86.5	81.8	\$1,173.94	3.1
Dow/Phytogen	PHY830	4,361.4	31.3	1,367.1	1	49	4.4	41.4	1	1.43	87.5	81.8	\$1,118.27	2.8
Monsanto/DPL	DP357	4,194.0	30.8	1,274.8	1	47	4.4	40.6	2	1.36	86.6	81.7	\$1,041.92	3.1
Dow/Phytogen	PHY805RF	3,810.1	31.2	1,188.3	1	48	4.0	42.6	1	1.39	87.0	81.8	\$972.05	3.2
Dow/Phytogen	PHY800	3,483.4	28.8	1,001.8	1	48	3.9	40.4	1	1.39	87.0	81.8	\$819.45	2.8
Dow/Phytogen	PHY802RF	3,332.3	29.0	965.3	1	50	3.9	44.0	2	1.44	87.4	81.8	\$789.65	2.7
Average		4085.5	30.5	1248.4	---	48	4.2	41.5	1	1.40	86.9	81.8	\$1,020.93	3.0
LSD§		---	1.3	210.0	---	1	0.1	1.5	NS	0.03	NS	NS	\$171.83	NS
OSL†		---	0.000	0.000	---	0.000	0.000	0.001	0.144	0.000	0.107	0.218	0.000	0.142
CV‡		---	2.8	11.0	---	1.5	2.4	2.4	30.9	1.2	0.7	0.1	11.0	7.6

\* Value calculated from CCC loan schedule base price of \$0.7977/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation

**2011**  
Cotton Variety Testing Results



**Yield and fiber quality data for The University of Arizona ELS Cotton Variety Testing Program, Safford, AZ, 2011.**

Seed Company	Variety	Seed Cotton Yield	Percent Lint	Lint Yield (lbs/acre)	Color Grade	Staple (32nds)	Micronaire	Strength (g/tex)	Leaf Grade	Length (in.)	Uniformity Index (%)	Adjusted Price (cents/lb)	Value * (\$/acre)
Monsanto/DPL	DP340	5,905.0	34.3	2,023.2	2	47	4.6	41.3	1	1.36	86.5	81.6	\$1,530.20
Monsanto/DPL	DP357	5,434.4	34.9	1,892.0	2	49	4.1	41.4	1	1.41	86.7	81.7	\$1,440.98
Bayer	COBALT	5,683.3	33.1	1,878.9	1	48	4.5	41.9	1	1.37	86.8	81.7	\$1,428.13
Dow/Phytogen	PHY802RF	5,452.5	33.6	1,830.8	1	50	4.1	45.1	1	1.44	87.4	81.8	\$1,416.14
Dow/Phytogen	PHY805RF	5,393.7	32.9	1,776.8	1	49	4.6	42.3	1	1.42	87.0	81.8	\$1,405.61
Dow/Phytogen	PHY830	5,153.9	34.4	1,772.4	1	49	4.2	44.2	1	1.40	87.3	81.8	\$1,401.19
Dow/Phytogen	PHY800	5,122.2	33.3	1,704.3	1	49	4.2	43.8	1	1.41	86.9	81.8	\$1,369.46
Average		5449.3	33.8	1839.8	---	48	4.3	42.8	1	1.40	86.9	81.7	\$1,427.39
LSD§		---	NS	NS	---	1	0.4	2.4	NS	0.03	NS	0.1	NS
OSL†		---	0.277	0.181	---	0.005	0.037	0.017	0.455	0.001	0.315	0.016	0.953
CV‡		---	3.8	8.7	---	2.1	5.9	3.7	18.2	1.5	0.6	0.1	14.2

\* Value calculated from CCC loan schedule base price of \$0.7977/lb + premium/discount § Least Significant Difference † Observed Significance Level ‡ Coefficient of Variation



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