

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Parker, Arizona

Planting Date: 5 April 2006 Final Irrigation Date: 1 October 2006 Harvest Date: 21 November 2006
 Total Irrigations: 9 Total N Applied: 190 LBS General Soil Texture: Silty Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Delta and Pine	DP 164 B2RF	1931 a	30.6 cd	4.6 d	1.17 ab	37.8 a	31.2 bcd	81.2 b	6.63	775
Dow AgroSciences	PHY 370 WR	1919 a	32.0 ab	4.8 abc	1.12 d	36.8 a	30.9 cd	82.1 a	6.31	789
Delta and Pine	DP 449 BG/RR	1906 a	31.2 bcd	4.7 a-d	1.15 bc	37.3 a	33.0 a	82.0 ab	6.71	775
Stoneville	ST 4357 B2RF	1860 a	30.4 d	4.2 e	1.17 ab	36.8 a	30.2 d	81.2 b	6.01	770
Stoneville	ST 4554 B2RF	1712 b	31.04 bc	4.6 cd	1.15 bc	37.0 a	32.1 abc	82.6 a	3.05	747
Dow AgroSciences	PHY 485 WRF	1686 b	30.7 cd	4.6 bcd	1.13 cd	35.8 a	32.1 abc	82.5 a	3.13	719
Stoneville	ST 6565 B2RF	1623 b	28.3 e	4.8 abc	1.20 a	38.0 a	31.2 bcd	82.2 a	6.69	777
Delta and Pine	DP 445 BG/RR	1606 b	32.7 a	4.8 a	1.16 bc	36.5 a	32.6 ab	82.3 a	6.23	774
LSD _{0.05} ²		135.9	0.82	0.15	0.03	1.54	1.34	0.83	2.387	93.3
OSL ³		0.0001	0.0001	0.0001	0.0009	0.1316	0.0049	0.009	0.0089	0.7981
CV (%) ⁴		5.19	1.81	2.26	1.77	2.84	2.88	0.69	29.01	6.95

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Yuma, Arizona

Planting Date: 11 April 2006 Final Irrigation Date: 29 September 2006 Harvest Date: 7 December 2006
 Total Irrigations: 6 Total N Applied: 50 LBS General Soil Texture: Sandy Clay

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Premium/ Discount ⁵ (cents/lb)	Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index			
Stoneville	ST 4357 B2RF	1185 a ¹	26.5 ab	4.30 a	1.14 ab	36.7 a	29.2 abc	81.3 ab	5.10	462	
Delta and Pine	DP 117 B2RF	1149 a	27.0 ab	4.40 a	1.16 a	37.0 a	31.5 a	81.2 ab	4.90	459	
PhytoGen	PHY 370 WR	1108 a	29.1 a	4.27 a	1.08 c	34.7 b	29.7 abc	81.4 ab	5.40	440	
Stoneville	ST 4554 B2RF	1023 a	26.8 ab	4.40 a	1.10 c	35.3 b	30.7 ab	81.2 ab	4.20	360	
Stoneville	ST 4700 B2RF	1022 a	26.8 ab	4.13 a	1.13 b	36.7 a	28.4 bc	81.1 ab	4.80	358	
PhytoGen	PHY 485 WRF	989 a	27.1 ab	4.23 a	1.09 c	35.0 b	30.7 ab	82.0 a	5.10	387	
Delta and Pine	DP 432 RR	703 b	27.8 ab	3.57 b	1.09 c	35.0 b	27.9 c	80.9 b	4.90	240	
Delta and Pine	DP 110 RF	508 b	25.1 b	3.80 b	1.10 c	35.3 b	30.4 ab	80.8 b	4.50	197	
LSD _{0.05} ²		242.4	3.114	0.3573	0.0267	1.152	2.546	1.037			
OSL ³		0.0001	0.2257	0.0004	0.0001	0.0008	0.0463	0.2839			
CV (%) ⁴		12.75	5.82	4.36	1.21	1.63	4.31	0.64			

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Somerton, Arizona

Planting Date: 3 April 2006 Final Irrigation Date: 25 August 2006 Harvest Date: 25 September 2006
 Total Irrigations: 6 Total N Applied: 55 lbs General Soil Texture: Sandy Clay

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Stoneville	ST 4554 B2RF	990 a ¹	30.8 a	4.30 cd	1.15 abc	37.0 ab	33.0 bc	83.7 a	-3.03	396
Stoneville	ST 4357 B2RF	944 a	29.7 a	4.17 d	1.19 a	37.0 ab	30.0 e	82.7 b	2.33	409
Stoneville	ST 4700 B2RF	886 ab	30.5 a	4.43 bcd	1.18 a	37.3 a	30.3 e	83.5 a	4.00	406
PhytoGen	PHY 485 WRF	793 bc	30.4 a	4.83 a	1.10 c	35.7 c	33.3 bc	83.3 ab	2.53	351
Delta and Pine	DP 432 RR	683 cd	31.0 a	4.83 a	1.12 bc	36.0 bc	31.6 d	83.1 ab	2.53	304
PhytoGen	PHY 370 WR	628 d	30.3 a	4.37 bcd	1.15 abc	37.0 ab	32.4 cd	83.8 a	-0.45	264
Delta and Pine	DP 110 RF	621 d	29.6 a	4.53 abc	1.16 ab	37.0 ab	35.4 a	83.8 a	-3.53	243
Delta and Pine	DP 117 B2RF	610 d	28.8 a	4.70 ab	1.18 a	37.3 a	33.8 b	83.6 a	-3.57	251
LSD _{0.05} ²		140.6	2.448	0.3735	0.0524	1.111	0.9683	0.7764		
OSL ³		0.0001	0.4689	0.0043	0.0102	0.0197	0.0001	0.0374		
CV (%) ⁴		9.24	4.11	4.18	2.29	1.52	1.51	0.47		

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Marana, Arizona

Planting Date: 20 April 2006 Final Irrigation Date: 14 August 2006 Harvest Date: 24 October 2006
 Total Irrigations: 3 Total N Applied: 85 lbs General Soil Texture: Clay Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Dow AgroSciences	PHY 370 WR	1556 a	35.5 a	4.4 a	1.1 d	36.0 d	28.5 b	82.0 a	6.5	910
Stoneville	ST 4554 B2RF	1548 a	34.5 b	4.2 ab	1.2 bcd	37.0 bcd	29.4 b	82.6 a	5.53	890
Stoneville	ST 4357 B2RF	1437 b	33.2 c	4.0 c	1.2 abc	37.8 abc	27.3 c	81.1 a	6.74	844
Dow AgroSciences	PHY 485 WRF	1400 b	33.5 c	4.3 a	1.2 bcd	37.3 bc	30.3 a	82.3 a	3.25	774
Delta and Pine	DP 444 BG/RR	1375 b	35.3 ab	3.9 cd	1.2 cd	36.8 cd	28.9 b	82.5 a	6.76	808
Delta and Pine	DP 117 B2RF	1334 b	34.6 b	4.1 bc	1.2 abc	38.0 ab	30.3 a	82.0 a	0.44	699
Stoneville	ST 6565 B2RF	1060 c	30.3 d	3.8 d	1.2 abc	38.5 a	29.2 b	81.6 a	5.8	613
LSD _{0.05} ²		100.2	0.85	0.17	0.03	1.04	0.89	1.4	2.246	56.5
OSL ³		0.0001	0.0001	0.0001	0.0006	0.0018	0.0001	0.3699	0.0001	0.0001
CV (%) ⁴		4.86	1.68	2.78	1.63	1.88	2.05	1.15	30.23	4.81

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Stanfield, Arizona

Planting Date: 27 April 2006 Final Irrigation Date: 22 September 2006 Harvest Date: 1 November 2006
 Total Irrigations: Sub-surface Drip Total N Applied: 176 LBS General Soil Texture: Sandy Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Stoneville	ST 4554 B2RF	1347 a	33.2 abc	4.7 bc	1.17 cd	37.3 c	30.7 ab	82.5 a	3.97	754
Delta and Pine	DP 449 BG/RR	1207 b	33.5 ab	4.7 bc	1.18 bc	37.7 bc	31.0 a	83.1 a	7.10	713
Delta and Pine	DP 445 BG/RR	1164 bc	34.7 a	4.9 ab	1.15 d	37.0 c	30.6 ab	83.0 a	7.47	692
Dow AgroSciences	PHY 485 WRF	1159 bc	31.7 bcd	4.6 bc	1.15 d	37.0 c	29.8 b	81.9 a	3.52	643
Dow AgroSciences	PHY 370 WR	1051 cd	34.0 ab	5.0 a	1.15 d	37.0 c	30.4 ab	82.6 a	5.27	603
Stoneville	ST 4357 B2RF	1017 d	32.6 abc	4.4 cd	1.20 ab	38.3 ab	28.0 c	81.3 a	5.80	588
Delta and Pine	DP 164 B2RF	924 d	30.9 cd	4.1 d	1.18 bc	37.7 bc	30.1 ab	81.4 a	5.73	535
Stoneville	ST 6565 B2RF	706 e	29.9 d	3.7 e	1.12 a	38.7 a	30.3 ab	82.1 a	5.52	407
LSD _{0.05} ²		124.6	2.25	0.31	0.026	0.78	1.06	1.79	2.542	86.1
OSL ³		0.0001	0.0059	0.0001	0.0004	0.0019	0.0009	0.3102	0.0591	0.0001
CV (%) ⁴		6.64	3.94	3.88	1.29	1.18	2.01	1.24	26.18	7.98

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Maricopa, Arizona

Planting Date: 20 April 2006 Final Irrigation Date: 11 September 2006 Harvest Date: 15 November 2006
 Total Irrigations: 11 Total N Applied: 190 LBS General Soil Texture: Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	Value ⁶ (\$/Acre)
Delta and Pine	DP 449 BG/RR	1546 a	31.0 a	4.7 a	1.14 bcd	36.8 abc	31.5 a	82.8 a	6.35	762
Delta and Pine	DP 164 B2RF	1463 a	30.3 a	4.4 b	1.19 a	37.8 a	28.6 c	81.4 a	6.09	790
AllTex	APEX B2RF	1415 ab	32.3 a	4.2 c	1.15 abc	37.0 ab	28.5 c	81.3 a	6.18	753
Stoneville	ST 4554 B2RF	1412 ab	31.3 a	4.8 a	1.12 cd	35.8 c	29.9 b	82.2 a	2.71	760
Dow AgroSciences	PHY 370 WR	1355 ab	29.7 a	4.8 a	1.12 d	36.0 bc	30.0 b	82.5 a	5.31	755
Dow AgroSciences	PHY 485 WRF	1352 ab	31.0 a	4.8 a	1.16 ab	37.3 ab	31.5 a	82.8 a	0.33	754
Stoneville	ST 4357 B2RF	1330 ab	31.7 a	4.1 c	1.16 ab	37.3 ab	28.6 c	81.7 a	4.55	750
Delta and Pine	DP 445 BG/RR	1230 bc	30.8 a	4.6 a	1.14 bcd	36.5 abc	31.4 a	82.8 a	6.01	790
Stoneville	ST 6565 B2RF	1089 c	31.1 a	4.1 c	1.19 a	37.8 a	30.8 ab	82.5 a	4.11	734
LSD _{0.05} ²		192.7	3.03	0.18	0.031	1.13	1.22	1.35	2.455	104.6
OSL ³		0.0035	0.8134	0.0001	0.0004	0.0102	0.0001	0.1575	0.0004	0.958
CV (%) ⁴		9.75	6.68	2.7	1.83	2.1	2.77	1.13	36.36	7.79

¹Means followed by the same letter do not significantly differ (P=0.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Goodyear, Arizona

Planting Date: 7 April 2006 Final Irrigation Date: 19 September 2006 Harvest Date: 1 December 2006
 Total Irrigations: 11 Total N Applied: 140 lbs General Soil Texture: Silt Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Premium/ Discount ⁵ (cents/lb)	Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index			
Delta and Pine	DP 449 BG/RR	1260 a	33.3 a	4.6 a	1.10 a	35.0 a	30.6 bc	80.2 a	4.12	733	
Stoneville	ST 4357 B2RF	1116 a	32.6 a	4.4 a	1.12 a	36.0 a	32.1 ab	80.7 a	5.05	772	
Delta and Pine	DP 164 B2RF	1062 a	32.2 a	5.3 a	1.10 a	35.3 a	32.4 ab	81.0 a	3.17	757	
Dow AgroSciences	PHY 370 WR	1055 a	34.0 a	4.8 a	1.07 a	34.0 a	31.5 abc	80.8 a	2.88	776	
Stoneville	ST 4554 B2RF	1041 a	32.5 a	4.8 a	1.10 a	35.3 a	31.4 bc	80.4 a	4.68	758	
Delta and Pine	DP 445 BG/RR	1028 a	33.4 a	4.9 a	1.08 a	34.7 a	33.6 a	80.7 a	2.20	683	
Stoneville	ST 6565 B2RF	1022 a	33.3 a	4.7 a	1.06 a	34.0 a	29.6 c	80.3 a	0.93	696	
Dow AgroSciences	PHY 485 WRF	1018 a	33.1 a	4.5 a	1.07 a	34.3 a	29.5 c	80.3 a	3.33	770	
LSD _{0.05} ²		190.804	2.13	0.71	0.051	1.59	1.93	1.36	4.859	77.652	
OSL ³		0.1982	0.6798	0.2927	0.2345	0.1567	0.0059	0.8949	0.6694	0.134	
CV (%) ⁴		10.13	3.68	8.58	2.68	2.61	3.52	0.97	84.19	5.97	

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Coolidge, Arizona

Planting Date: <u>27 April 2006</u>	Final Irrigation Date: <u>1 September 2006</u>	Harvest Date: <u>26 October 2006</u>
Total Irrigations: <u>10</u>	Total N Applied: <u>200 LBS</u>	General Soil Texture: <u>Sandy Loam</u>

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Delta and Pine	DP 449 BG/RR	1617 a	35.5 bc	4.8 a	1.13 b	36.5 bc	29.7 a	81.9 a	3.19	876
Delta and Pine	DP 164 B2RF	1615 a	34.6 c	4.6 a	1.20 a	38.5 a	29.6 a	81.2	5.21	901
Dow AgroSciences	PHY 370 WR	1569 a	37.0 ab	5.0 a	1.10 c	35.3 d	28.4 a	82.0 a	1.56	835
Stoneville	ST 4554 B2RF	1545 a	35.5 bc	4.9 a	1.14 b	36.5 bc	29.0 a	81.9 a	2.25	834
Delta and Pine	DP 445 BG/RR	1508 ab	37.4 a	4.8 a	1.13 bc	36.3 c	28.5 a	81.1 a	4.28	842
Stoneville	ST 6565 B2RF	1371 bc	32.0 d	4.7 a	1.17 a	37.5 b	28.9 a	83.0 a	4.45	780
Stoneville	ST 4357 B2RF	1327 c	35.3 bc	4.6 a	1.14 b	36.8 bc	26.7 b	80.8 a	4.21	760
Dow AgroSciences	PHY 485 WRF	1319 c	35.0 c	4.7 a	1.14 b	36.5 bc	28.9 a	82.2 a	-0.81	701
LSD _{0.05} ²		149.6	1.59	0.34	0.028	0.98	1.35	1.66	3.045	84.9
OSL ³		0.0004	0.0001	0.2025	0.0001	0.0001	0.0048	0.1817	0.0085	0.0007
CV (%) ⁴		6.92	3.09	4.96	4.67	1.83	3.23	1.39	68.72	8.06

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Kansas Settlement, Arizona

Planting Date: 18 April 2006

Final Irrigation Date: 10 September 2006

Harvest Date: 3 November 2006

Total Irrigations: Sub Surface Drip

Total N Applied: 110 LBS

General Soil Texture: Cogswell Clay Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Fiber Quality						Value ⁶ (\$/Acre)
				Micronaire	Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index	Premium/ Discount ⁵ (cents/lb)	
Dow AgroSciences	PHY 745 WRF	1551.3 a	35.8	3.3	1.19	38	27.2	82.5	2.45	844.61
Stoneville	ST 4554 B2RF	1519.5 a	35.2	3.5	1.17	37.3	25.2	80.4	4.86	864.81
Dow AgroSciences	PHY 370 WR	1507.0 a	36.8	3.6	1.12	36.3	24.6	81.1	5.43	865.25
Stoneville	ST 4357 B2RF	1436.2 ab	34.2	3.1	1.20	38.3	24.6	80.3	1.23	766.53
Bayer CropSciences	FM 9063 RF	1324.3 bc	35.2	3.1	1.24	39.5	28.1	80.5	2.71	726.28
Dow AgroSciences	PHY 485 WRF	1307.3 bc	32.8	3.4	1.20	38	25.5	81.6	0.29	686.79
Delta and Pine	DP 164 B2RF	1188.5 cd	33.2	3.1	1.19	38	25.9	79.3	2.05	643.55
Delta and Pine	DP 655 B/RR	1156.0 cde	34	3.3	1.16	37	29	80.4	4.20	648.01
Delta and Pine	DP 455 BG/RR	1130.0 de	35.8	2.9	1.17	36.5	26.9	79.5	0.65	591.99
Stoneville	ST 6565 B2RF	1004.2 e	30.9	3.5	1.24	39.8	26	81.4	6.13	585.23
LSD _{0.05} ²		176.5	2.7	0.2	0.02	1.0	0.8	1	3.09	114.68
OSL ³		0.0001	0.0048	0.0001	0.0001	0.0001	0.0001	0.0001	0.0038	0.0001
CV (%) ⁴		9.3	5.4	4.8	1.4	1.8	2.2	1.1	71	10.9

¹Means followed by the same letter do not significantly differ (P=.05, Duncan's New MRT).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.

University of Arizona Cooperative Extension

2006 Upland Cotton Variety Trial Results

Thatcher, Arizona

Planting Date: 25 April 2006 Final Irrigation Date: 15 September 2006 Harvest Date: 31 October 2006
 Total Irrigations: 6 Total N Applied: 120 LBS General Soil Texture: Pima Clay Loam

Company	Variety	Lint Yield (lbs/Acre)	Percent Lint	Micronaire	Fiber Quality				Premium/ Discount ⁵ (cents/lb)	Value ⁶ (\$/Acre)
					Fiber Length (100ths)	Staple Length (32nds)	Fiber Strength (g/tex)	Uniformity Index		
Dow AgroSciences	PHY 745 WRF	1859.9 a	36.5	3.6	1.19	37.7	29.6	81.9	2.85	1020.47
Delta and Pine	DP 455 BG/RR	1701.2 b	41.7	3.7	1.15	36.7	28.6	80.0	6.95	1002.74
Delta and Pine	DP 164 B2RF	1645.7 bc	37.3	3.4	1.17	37.3	28.8	80.0	4.27	925.05
Stoneville	ST 5242 BR	1606.4 c	39.7	3.7	1.11	35.7	26.1	80.6	5.80	928.44
Bayer CropSciences	FM 9063 B2RF	1494.6 d	37.3	3.7	1.23	39.7	30.3	80.8	6.93	880.72
Delta and Pine	DP 655 B/RR	1487.7 d	37.2	3.4	1.17	37.3	29.1	81.5	5.00	847.43
Bayer CropSciences	FM 991 BR	1487.0 d	36.8	3.7	1.18	38.0	29.9	81.2	7.12	878.83
Stoneville	ST 4554 B2RF	1474.0 de	38.0	3.9	1.13	36.3	26.8	80.0	3.63	820.09
Delta and Pine	DP 143 B2RF	1389.3 ef	36.6	3.3	1.22	39.0	28.2	80.1	-2.57	686.31
Dow AgroSciences	PHY 485 WRF	1378.2 f	36.0	3.9	1.14	37.0	27.1	81.6	-3.18	673.06
AllTex	APEX B2RF	1336.9 fg	36.3	3.4	1.21	38.7	26.4	80.2	3.78	745.93
AllTex	SUMMIT B2RF	1333.5 fg	36.2	3.3	1.14	36.7	25.4	79.9	2.32	724.01
Stoneville	ST 4357 B2RF	1325.3 fgh	36.1	3.0	1.17	37.3	26.5	80.2	-1.50	671.24
Stoneville	ST 6611 B2RF	1278.7 gh	34.9	3.4	1.19	37.7	28.6	80.4	3.55	711.49
Stoneville	ST 6565 B2RF	1272.8 h	34.6	3.5	1.20	38.3	28.8	81.0	4.72	704.41
Dow AgroSciences	PHY 370 WR	1239.3 h	39.1	3.4	1.14	36.7	27.1	80.9	1.33	660.66
LSD ²		87.4	1.1	0.3	0.02	0.8	1.4	NS	3.49	70.69
OSL ³		0.0001	0.0001	0.0004	0.0001	0.0001	0.0001	0.1188	0.0001	0.0001
CV (%) ⁴		3.6	1.7	5.6	1.4	1.3	2.9	1.1	65.7	5.3

¹Means followed by the same letter do not significantly differ (Fishers).

²LSD: Least Significant Difference.

³OSL: Observed Significance Level.

⁴CV: Coefficient of Variation.

⁵Average premium or discount applied to the lint based on CCC loan schedule.

⁶Value of lint per acre based on CCC loan schedule of discount and premiums and assuming a base value of 52.00 cents per pound.