

**ALL LOUISIANA LOCATIONS EARLY MATURING**

**TABLE 1. Three-year performance of early maturing cotton varieties across six Louisiana locations (2004, 2005 & 2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	Lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
‡Deltapine DP 555 BG/RR	1420*	41.0	4.6	1.12	28.4	82.4	53.24	757.46
‡Stoneville ST 5599BR	1399*	38.8	4.7	1.13	29.7	82.8	53.16	748.51
Deltapine DP 432 RR	1324	37.9	4.7	1.11	30.9	83.3	53.48	719.42
Stoneville ST 5242BR	1322	38.4	4.6	1.10	28.5	83.2	52.98	699.25
Deltapine DP 434 RR	1310	39.7	4.4	1.15	28.6	83.2	54.17	713.56
FiberMax FM 960 BR	1300	37.4	4.5	1.12	32.1	83.0	53.92	705.52
Stoneville ST 4575BR	1300	38.1	4.6	1.11	31.5	83.0	53.42	698.62
Deltapine DP 445 BG/RR	1296	39.0	4.5	1.14	32.1	83.7	54.47	708.09
Deltapine DP 444 BG/RR	1264	38.8	4.3	1.12	29.4	83.3	53.84	677.61
FiberMax FM 960 B2R	1228	37.4	4.5	1.17	31.4	83.3	54.48	671.67
FiberMax FM 958 LL	1188	37.2	4.6	1.17	31.7	83.5	54.57	651.28
<b>Mean</b>	<b>1305</b>	<b>38.5</b>	<b>4.5</b>	<b>1.13</b>	<b>30.4</b>	<b>83.2</b>	<b>53.79</b>	<b>705.00</b>
<b>LSD<sub>0.05</sub></b>	45	0.3	0.1	0.01	0.3	0.2	0.25	25.75
<b>CV (%)</b>	11.5	2.7	4.0	1.6	3.2	0.7	1.6	11.6

\*Not significantly different from highest yielder (p=0.05)

‡Medium maturity variety included for comparison purposes only.

**TABLE 2. Two-year performance of non-Roundup Ready Flex early maturing cotton varieties across six Louisiana locations (2005 & 2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cents/lb	Gross Value \$/acre
‡Deltapine DP 555 BG/RR	1446*	40.9	4.7	1.10	27.2	81.9	52.55	762.68
†Syngenta DX25105N	1413*	39.8	4.7	1.13	29.2	82.5	53.46	764.32
‡Stoneville ST 5599BR	1394	39.0	4.8	1.11	28.8	82.5	52.59	740.49
Deltapine DP 454 BG/RR	1342	41.0	4.2	1.08	27.7	82.2	52.06	700.16
Phytogen PHY 370 WR	1340	39.0	4.7	1.09	30.0	82.8	52.53	712.54
Deltapine DP 432 RR	1336	37.6	4.6	1.10	30.5	83.0	53.20	717.98
Deltapine DP 434 RR	1330	39.5	4.3	1.13	27.8	82.7	53.96	723.67
Deltapine DP 445 BG/RR	1324	38.8	4.5	1.12	31.6	83.2	54.24	721.42
Phytogen PHY 310 R	1322	39.3	4.6	1.08	30.0	82.5	52.20	698.04
Stoneville ST 5242BR	1314	38.4	4.6	1.09	27.7	82.9	52.23	689.79
FiberMax FM 960 BR	1298	37.2	4.5	1.11	31.0	82.7	53.44	700.02
Stoneville ST 4575BR	1297	38.2	4.6	1.10	30.9	82.6	52.84	692.02
Phytogen PHY 480 WR	1285	36.6	4.6	1.13	31.6	83.7	53.99	700.77
Phytogen PHY 470 WR	1262	37.9	4.6	1.11	30.5	83.3	53.35	680.28
Deltapine DP 444 BG/RR	1257	38.8	4.3	1.11	28.3	82.9	53.32	672.25
FiberMax FM 960 B2R	1245	37.0	4.5	1.15	30.4	82.8	54.25	682.81
FiberMax FM 958 LL	1171	37.0	4.6	1.17	30.3	83.1	54.48	643.89
<b>Mean</b>	<b>1317</b>	<b>38.5</b>	<b>4.6</b>	<b>1.11</b>	<b>29.6</b>	<b>82.8</b>	<b>53.21</b>	<b>706.22</b>
<b>LSD<sub>0.05</sub></b>	50	0.4	0.1	0.01	0.3	0.2	0.36	28.15
<b>CV (%)</b>	10.1	2.6	3.7	1.6	3.0	0.7	1.9	10.35

\*Not significantly different from highest yielder (p=0.05)

‡Medium maturity variety included for comparison purposes only.

†Experimental. Seed of this variety may or may not be available in 2006.

**TABLE 3. Two-year performance of early maturing Roundup Ready Flex cotton varieties across four Louisiana locations (2005 and 2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cent/lb	\$/acre
‡Deltapine DP 555 BG/RR	1443*	40.7	4.6	1.09	26.8	81.7	52.20	763.56
‡Stoneville ST 5599BR	1390*	39.1	4.7	1.11	28.5	82.3	52.42	739.32
‡Stoneville ST 5242BR	1357	38.3	4.5	1.09	27.3	82.7	52.26	719.59
Phytogen PHY 485 WRF	1339	38.1	4.7	1.11	30.9	83.3	53.38	726.03
Stoneville ST 4554B2RF	1335	37.9	4.5	1.12	31.3	82.6	53.87	731.05
Deltapine DP 117 B2RF	1332	38.5	4.5	1.13	30.3	82.4	53.57	730.02
‡FiberMax FM 960 BR	1329	37.1	4.5	1.11	30.8	82.6	53.55	722.80
Stoneville ST 4664RF	1328	38.3	4.3	1.10	30.5	82.4	53.24	718.83
Phytogen PHY 425 RF	1321	37.3	4.7	1.11	30.9	83.2	53.15	710.29
Deltapine DP 110 RF	1321	37.9	4.4	1.12	33.4	82.9	53.83	724.44
‡Deltapine DP 444 BG/RR	1317	39.0	4.3	1.11	28.0	82.6	53.14	712.30
Croplan CG 4020 B2RF	1250	36.9	4.1	1.14	27.2	82.7	54.06	685.84
Croplan CG 3520 B2RF	1238	36.4	4.2	1.13	27.1	82.6	53.92	670.28
Beltwide BW 4021 B2RF	1226	34.7	3.9	1.11	26.6	82.2	53.28	656.84
Dynagro DG 2242 B2RF	1219	36.3	4.1	1.12	27.0	82.3	53.57	665.94
Croplan CG 3020 B2RF	1189	35.3	4.1	1.09	26.6	82.4	52.51	638.93
Beltwide BW 3255 B2RF	1181	35.4	4.1	1.09	26.7	82.7	52.95	638.00
Dynagro DG 2215 B2RF	1171	34.9	3.9	1.11	26.8	82.3	53.23	635.09
Dynagro DG 2100 B2RF	1151	35.6	4.1	1.09	26.7	82.6	52.52	612.46
<b>Mean</b>	<b>1287</b>	<b>37.3</b>	<b>4.3</b>	<b>1.11</b>	<b>28.6</b>	<b>82.6</b>	<b>53.19</b>	<b>695.05</b>
<b>LSD<sub>0.05</sub></b>	59	0.5	0.1	0.01	0.4	0.3	0.45	33.86
<b>CV (%)</b>	10.2	3.2	4.5	1.6	3.1	0.7	1.9	10.4

\*Not significantly different from highest yielder (p=0.05)

‡Medium maturity variety included for comparison purposes only.

†Experimental. Seed of this variety may or may not be available in 2007.

**TABLE 4. One-year performance of early maturing cotton varieties across seven Louisiana locations (2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cent/lb	\$/acre
Deltapine DP 454 BG/RR	1374*	40.7	4.2	1.07	27.2	81.8	51.77	718.09
‡Deltapine DP 555 BG/RR	1374*	40.6	4.7	1.10	27.0	81.8	52.23	726.25
‡Stoneville ST 5599BR	1329*	39.3	4.8	1.11	28.2	82.0	51.74	699.91
Stoneville ST 4575BR	1270	38.1	4.6	1.10	30.9	82.5	52.52	676.38
Deltapine DP 117 B2RF	1267	37.9	4.5	1.13	30.6	82.3	53.64	695.40
Stoneville ST 4427 B2RF	1264	36.9	4.4	1.12	28.9	82.8	53.24	689.32
Phytogen PHY 370WR	1258	38.9	4.7	1.09	29.6	82.4	52.18	670.61
†Syngenta DX25105N	1257	39.0	4.7	1.12	28.7	82.0	52.71	675.69
Phytogen PHY 310R	1253	39.0	4.6	1.08	29.9	82.3	52.09	670.65
Stoneville ST 4554B2RF	1252	37.5	4.5	1.11	31.5	82.4	53.33	677.75
Stoneville ST 5242BR	1243	38.4	4.6	1.09	27.2	82.5	51.72	649.88
Deltapine DP 445 BG/RR	1241	38.4	4.5	1.12	31.8	83.1	54.16	681.23
Phytogen PHY 425 RF	1238	37.0	4.8	1.12	31.1	83.3	52.76	661.24
Stoneville ST 4664RF	1230	37.7	4.4	1.10	30.9	82.4	53.35	668.81
Phytogen PHY 485 WRF	1226	37.8	4.7	1.11	31.5	83.1	53.31	663.84
Deltapine DP 432 RR	1225	37.2	4.6	1.10	30.5	82.7	53.13	665.35
Phytogen PHY 470 WR	1218	38.2	4.7	1.10	30.5	82.9	53.01	659.37
Deltapine DP 434 RR	1213	39.4	4.4	1.12	27.6	82.4	53.67	661.19
Phytogen PHY 480WR	1205	36.5	4.6	1.12	31.5	83.4	53.31	657.88
Deltapine DP 444 BG/RR	1196	38.2	4.3	1.11	28.3	82.7	53.30	645.18
Deltapine DP 110 RF	1187	37.6	4.5	1.12	33.9	82.8	53.85	648.65
Deltapine DP 121 RF	1186	39.0	4.6	1.11	30.3	82.9	53.65	648.06
FiberMax FM 960 BR	1168	36.8	4.5	1.11	30.6	82.4	52.96	627.48
Stoneville ST 4357 B2RF	1154	36.9	4.2	1.13	26.8	82.5	53.64	630.61
FiberMax FM 960 B2R	1144	36.8	4.5	1.14	29.9	82.4	53.77	629.88
FiberMax FM 9060 F	1135	37.8	4.3	1.15	27.7	82.2	54.01	620.58
Dynagro DG 2242 B2RF	1135	36.2	4.2	1.12	27.3	82.6	53.52	618.11
Croplan CG 4020 B2RF	1134	36.5	4.2	1.14	27.2	82.6	53.91	621.02
†Deltapine DPLX06W650F	1131	37.6	4.3	1.13	29.2	82.6	53.65	615.53
FiberMax FM 958 LL	1125	36.3	4.5	1.16	29.7	83.1	54.41	620.33
FiberMax FM 9063 B2RF	1120	35.8	4.3	1.16	30.7	82.6	54.35	620.97
Beltwide BW 4630 B2RF	1120	36.6	4.3	1.12	26.6	82.3	53.45	608.66
FiberMax FM 9068 F	1115	36.3	4.3	1.15	30.7	82.9	54.46	615.75
Dynagro DG 2100 B2RF	1087	35.5	4.1	1.09	26.6	82.7	52.57	587.92
Beltwide BW 2038 B2RF	1084	36.1	4.2	1.12	27.3	82.7	53.56	587.92
Stoneville ST 4700 B2RF	1071	36.2	4.2	1.12	27.3	82.5	53.55	583.36
Dynagro DG 2215 B2RF	1068	34.9	4.0	1.11	27.0	82.4	53.23	582.80
Beltwide BW 3255 B2RF	1063	35.1	4.1	1.09	26.7	82.6	52.68	575.30
Croplan CG 3020 B2RF	1062	34.4	4.1	1.09	26.7	82.3	52.52	571.32
FiberMax FM 955 B2LL	1062	35.0	4.6	1.16	29.0	83.0	53.82	579.19
Croplan CG 3520 B2RF	1051	36.1	4.1	1.12	27.0	82.5	53.44	570.04
FiberMax 965 B2LL	1049	34.5	4.4	1.15	31.0	83.6	54.53	581.87
Beltwide BW 4021 B2RF	1032	34.1	4.0	1.10	26.7	82.1	52.78	552.71
<b>Mean</b>	<b>1177</b>	<b>37.2</b>	<b>4.4</b>	<b>1.12</b>	<b>29.1</b>	<b>82.6</b>	<b>53.24</b>	<b>637.23</b>
<b>LSD<sub>0.05</sub></b>	63	0.6	0.1	0.01	0.5	0.3	0.48	36.01
<b>CV (%)</b>	11.1	3.8	4.5	1.8	3.4	0.7	1.9	11.3

\*Not significantly different from highest yielder (p=0.05)

‡Medium maturity variety included for comparison purposes only.

†Experimental. Seed of this variety may or may not be available in 2007.

**ALL LOUISIANA LOCATIONS MEDIUM MATURING**

**TABLE 5. Three-year performance of medium maturing cotton varieties across six Louisiana locations. (2004, 2005 & 2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
Deltapine DP 555 BG/RR	1438*	41.1	4.6	1.12	28.4	82.0	53.11	764.87
Stoneville ST 5599BR	1406*	38.6	4.7	1.13	29.7	82.8	53.25	747.79
‡Stoneville ST 5242BR	1338	38.4	4.5	1.11	28.5	83.1	53.32	709.94
Deltapine DP 488 BG/RR	1319	38.4	4.5	1.17	30.8	83.0	54.43	715.30
Deltapine DP 494 RR	1295	39.2	4.6	1.16	32.3	83.3	54.34	705.00
‡Deltapine DP 444 BG/RR	1289	38.5	4.2	1.12	29.1	83.2	53.85	696.74
FiberMax FM 800 B2R	1207	37.2	4.1	1.19	31.9	83.9	54.89	661.88
FiberMax FM 991 B2R	1127	35.3	4.3	1.17	31.8	83.3	54.73	618.85
<b>Mean</b>	<b>1302</b>	<b>38.3</b>	<b>4.5</b>	<b>1.15</b>	<b>30.3</b>	<b>83.1</b>	<b>53.99</b>	<b>702.66</b>
<b>LSD<sub>0.05</sub></b>	41	0.3	0.1	0.01	0.3	0.2	0.21	22.7
<b>CV (%)</b>	10.6	3.0	3.5	1.6	3.2	0.8	1.3	10.7

\*Not significantly different from highest yielder (p=0.05)

‡Early maturity variety included for comparison purposes only.

**TABLE 6. Two-year performance of medium maturing non Roundup Ready Flex cotton varieties across six Louisiana locations. (2005 & 2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
Deltapine DP 555 BG/RR	1419*	41.1	4.6	1.10	27.4	81.6	52.45	748.24
Stoneville ST 5599BR	1400*	38.8	4.7	1.11	28.6	82.3	52.86	739.90
‡Stoneville ST 5242BR	1347	38.7	4.5	1.10	27.8	82.8	52.86	714.85
Deltapine DP 488 BG/RR	1315	38.1	4.5	1.16	29.7	82.6	54.18	711.12
Deltapine DP 494 RR	1311	39.2	4.7	1.16	31.3	82.9	54.03	713.56
‡Deltapine DP 444 BG/RR	1279	38.7	4.2	1.11	28.1	82.7	53.34	686.87
FiberMax FM 800 B2R	1245	37.5	4.2	1.18	31.1	83.5	54.80	683.32
FiberMax FM 991 B2R	1107	35.3	4.3	1.15	30.9	82.8	54.60	609.65
<b>Mean</b>	<b>1303</b>	<b>38.4</b>	<b>4.5</b>	<b>1.13</b>	<b>29.4</b>	<b>82.7</b>	<b>53.64</b>	<b>701.11</b>
<b>LSD<sub>0.05</sub></b>	46	0.4	0.1	0.01	0.3	0.2	0.3	25.03
<b>CV (%)</b>	9.6	3.0	3.4	1.5	3.0	0.8	1.5	9.5

\*Not significantly different from highest yielder (p=0.05)

‡Early maturity variety included for comparison purposes only.

**TABLE 7. Two-year performance of medium maturing Roundup Ready Flex cotton varieties across four Louisiana locations. (2005 & 2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
‡Deltapine DP 555 BG/RR	1532*	41.2	4.7	1.10	27.5	81.7	52.41	815.99
‡Stoneville ST 5599BR	1456	38.9	4.7	1.12	29.6	82.3	53.01	770.38
Deltapine DP 147 RF	1367	38.7	4.2	1.17	28.1	82.4	54.25	746.59
‡Stoneville ST 5242BR	1355	38.8	4.6	1.10	27.8	82.9	53.07	724.39
Deltapine DP 164 B2RF	1339	36.5	4.4	1.15	28.5	82.5	54.13	729.01
Deltapine DP 143 B2RF	1331	37.6	4.1	1.19	28.5	82.0	54.29	724.35
Deltapine DP 167 RF	1314	37.2	4.3	1.15	30.1	82.9	54.34	724.57
Dynagro DG 2520 B2RF	1312	37.2	4.3	1.14	27.4	82.7	54.11	712.60
‡Deltapine DP 444 BG/RR	1301	38.6	4.2	1.10	28.0	82.9	53.47	700.77
Stoneville ST 6611B2RF	1287	34.7	4.4	1.12	29.6	82.8	53.82	699.26
Stoneville ST 6622RF	1253	36.5	4.4	1.13	29.8	82.9	53.96	688.84
<b>Mean</b>	<b>1349</b>	<b>37.8</b>	<b>4.4</b>	<b>1.13</b>	<b>28.5</b>	<b>82.5</b>	<b>53.72</b>	<b>730.16</b>
<b>LSD<sub>0.05</sub></b>	59	0.5	0.1	0.01	0.4	0.3	0.33	34.20
<b>CV (%)</b>	9.8	3.0	4.4	1.9	3.1	0.7	1.4	9.9

\*Not significantly different from highest yielder (p=0.05)

‡Non-Roundup Ready Flex variety included for comparison purposes only.

**TABLE 8. One-year performance of medium maturing cotton varieties across seven Louisiana locations (2006).**

<b>Variety</b>	<b>Lint</b>	<b>Lint</b>	<b>Mike</b>	<b>UHM</b>	<b>Strength</b>	<b>UI</b>	<b>Loan Value</b>	<b>Gross Value</b>
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
Deltapine DP 555 BG/RR	1141*	41.3	4.7	1.10	27.1	81.5	52.12	755.79
Stoneville ST 5599BR	1390*	38.7	4.8	1.12	28.4	82.2	52.35	728.60
Deltapine DP 515 BG/RR	1345	38.9	4.7	1.12	28.3	82.4	53.01	714.89
Deltapine DP 488 BG/RR	1333	37.8	4.6	1.16	29.9	82.7	54.12	725.64
‡Stoneville ST 5242BR	1328	39.1	4.6	1.10	27.5	82.6	52.72	704.25
Deltapine DP 494 RR	1309	39.1	4.7	1.16	31.2	82.8	53.69	705.44
Deltapine DP 455 BG/RR	1300	39.4	4.2	1.12	28.9	81.8	53.73	706.66
Deltapine DP 143 B2RF	1288	37.4	4.2	1.19	28.5	82.0	54.27	704.55
Deltapine DP 449 BG/RR	1271	36.7	4.7	1.11	29.5	82.4	53.26	683.92
Deltapine DP 164 B2RF	1265	36.4	4.5	1.15	28.4	82.5	54.11	688.20
Stoneville ST 5283RF	1258	38.5	4.5	1.12	31.9	83.0	54.22	683.61
Deltapine DP 147 RF	1251	38.1	4.3	1.17	27.9	82.1	54.24	679.34
Deltapine DP 167 RF	1247	37.8	4.4	1.14	30.7	83.0	54.13	683.75
‡Deltapine DP 444 BG/RR	1246	38.3	4.3	1.10	27.7	82.7	53.02	670.22
Stoneville ST 5327B2RF	1246	37.0	4.4	1.14	30.4	82.9	54.21	683.99
Dynagro DG 2520 B2RF	1193	36.3	4.3	1.13	27.5	82.6	53.89	646.60
†Dynagro DXN2429	1175	36.1	4.8	1.11	33.4	83.6	53.19	605.96
FiberMax FM 800 B2R	1171	36.9	4.2	1.18	31.0	83.5	54.77	644.98
Dynagro DG 2490 B2RF	1167	35.3	3.8	1.08	27.6	82.1	52.36	614.88
Stoneville ST 6622RF	1145	35.8	4.5	1.12	29.6	82.7	53.94	624.64
Stoneville ST 6565 B2RF	1138	32.9	4.5	1.14	29.2	82.7	54.13	619.20
Phytogen PHY 745 WRF	1132	36.2	4.4	1.14	33.5	82.8	54.58	616.18
Stoneville ST 6611B2RF	1130	33.8	4.4	1.12	29.5	82.8	53.78	615.75
Beltwide BW 8391 B2RF	1124	33.9	4.2	1.15	28.7	83.3	54.24	614.86
FiberMax FM 991 B2R	1069	35.0	4.4	1.15	30.9	82.9	54.61	588.49
†OA 265BR	872	34.3	4.0	1.15	34.8	83.2	54.89	478.35
<b>Mean</b>	<b>1228</b>	<b>37.0</b>	<b>4.4</b>	<b>1.13</b>	<b>29.6</b>	<b>82.6</b>	<b>53.73</b>	<b>663.25</b>
<b>LSD<sub>0.05</sub></b>	56	0.7	0.1	0.01	0.5	0.3	0.42	31.89
<b>CV (%)</b>	9.0	3.6	4.3	1.6	3.3	0.7	1.5	9.1

\*Not significantly different from highest yielder (p=0.05)

‡Early maturity variety included for comparison purposes only.

†Experimental. Seed of this variety may or may not be available in 2007.