

## WINNSBORO IRRIGATED EARLY

**TABLE 1. Three-year performance of early maturing cotton varieties on an irrigated Gigger silt loam at Winnsboro, La. (2004, 2005 & 2006).**

Variety	Lint	Lint	Mike	UHM	Strength	UI	Loan Value	Gross Value
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
‡Deltapine DP 555 BG/RR	1642*	42.2	4.7	1.12	28.8	82.4	52.74	866.06
Deltapine DP 445 BG/RR	1599*	41.1	4.7	1.13	32.2	83.5	54.34	868.91
Deltapine DP 434 RR	1589*	41.4	4.5	1.16	28.6	83.1	54.31	863.01
‡Stoneville ST 5599BR	1565*	39.6	4.7	1.12	30.0	82.7	52.79	826.16
Deltapine DP 432 RR	1550*	39.2	4.7	1.11	31.3	83.3	53.54	829.85
FiberMax FM 960 BR	1524	38.0	4.6	1.11	32.4	82.8	53.02	808.09
Stoneville ST 4575BR	1485	39.4	4.8	1.10	32.0	82.7	52.62	781.48
Deltapine DP 444 BG/RR	1451	40.2	4.4	1.12	29.5	83.3	53.94	782.66
Stoneville ST 5242BR	1449	39.4	4.8	1.10	29.0	83.4	52.30	757.81
FiberMax 960 B2R	1353	38.6	4.7	1.17	31.8	83.1	54.04	731.13
FiberMax FM 958 LL	1330	38.7	4.6	1.16	31.9	83.3	54.70	727.46
<b>Mean</b>	<b>1503</b>	<b>39.8</b>	<b>4.5</b>	<b>1.13</b>	<b>30.7</b>	<b>83.1</b>	<b>53.51</b>	<b>803.88</b>
<b>LSD<sub>0.05</sub></b>	109	0.5	0.1	0.01	0.6	0.4	0.69	61.30
<b>CV (%)</b>	9.3	1.7	3.5	1.5	2.6	0.6	1.7	9.6

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

‡Medium maturity variety included for comparison purposes only.

**TABLE 2. Two-year performance of early maturing non-Roundup Ready Flex cotton varieties on an irrigated Gigger silt loam at Winnsboro, La. (2005 & 2006).**

Variety	Lint	Lint	Mike	UHM	Strength	UI	Loan Value	Gross Value
	lb/acre	percent		inches	g/tex	percent	cents/lb	\$/acre
†Syngenta DX25105N	1767*	42.0	4.8	1.12	29.2	82.5	52.66	931.61
Deltapine DP 454 BG/RR	1738*	42.8	4.4	1.07	27.9	82.1	51.29	892.58
Deltapine DP 445 BG/RR	1734*	42.0	4.6	1.11	31.4	83.2	54.16	938.81
Deltapine DP 434 RR	1730*	41.6	4.5	1.15	27.5	82.6	54.11	936.66
‡Deltapine DP 555 BG/RR	1697*	42.4	4.8	1.10	27.4	81.9	51.66	879.71
Phytogen PHY 370 WR	1634*	41.0	4.8	1.09	30.2	82.7	51.44	841.70
Phytogen PHY 310 R	1631	40.2	4.8	1.08	30.2	82.3	51.37	837.43
Deltapine DP 432 RR	1626	39.3	4.7	1.10	30.6	83.0	53.06	862.00
‡Stoneville ST 5599BR	1597	39.8	4.9	1.11	29.0	82.3	51.79	829.18
FiberMax FM 960 BR	1571	38.5	4.7	1.10	31.3	82.3	51.99	819.81
Stoneville ST 5242BR	1561	39.9	4.8	1.09	28.0	83.0	51.36	801.93
Deltapine DP 444 BG/RR	1538	40.8	4.4	1.10	28.3	82.7	53.49	822.83
Stoneville ST 4575BR	1532	39.9	4.8	1.09	31.2	82.2	52.07	798.28
FiberMax FM 960 B2R	1487	39.0	4.7	1.15	30.9	82.8	53.70	799.44
Phytogen PHY 480 WR	1463	37.8	4.9	1.12	31.2	83.4	52.95	776.27
Phytogen PHY 470 WR	1453	41.0	4.8	1.10	30.3	82.9	51.81	754.74
FiberMax FM 958 LL	1366	39.1	4.7	1.16	30.3	82.5	54.55	745.10
<b>Mean</b>	<b>1596</b>	<b>40.3</b>	<b>4.7</b>	<b>1.11</b>	<b>29.7</b>	<b>82.6</b>	<b>52.56</b>	<b>839.30</b>
<b>LSD<sub>0.05</sub></b>	134	0.5	0.1	0.02	0.7	0.5	1.12	75.29
<b>CV (%)</b>	8.6	1.5	3.3	1.6	2.5	0.6	2.3	9.1

\*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 3. Two-year performance of early maturing Roundup Ready Flex cotton varieties on an irrigated Gigger silt loam at Winnsboro, La. (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
‡Stoneville ST 5242BR	1710*	39.8	4.7	1.10	27.8	83.0	52.14	893.35
‡Stoneville ST 5599BR	1671*	39.9	4.8	1.12	29.0	82.2	51.98	872.35
Stoneville ST 4664RF	1650*	40.7	4.4	1.11	30.4	82.3	53.93	888.38
‡Deltapine DP 555 BG/RR	1648*	42.2	4.8	1.09	27.0	81.8	51.33	847.84
Stoneville ST 4554B2RF	1634*	39.5	4.7	1.12	31.5	82.5	54.28	887.18
‡Deltapine DP 444 BG/RR	1634*	40.8	4.4	1.11	28.0	82.3	53.35	872.19
Beltwide BW 4021 B2RF	1595*	36.8	4.1	1.11	26.5	82.0	53.34	851.54
‡FiberMax FM 960 BR	1580*	38.2	4.6	1.11	31.5	82.2	52.38	831.01
Deltapine DP 110 RF	1577*	39.5	4.7	1.11	33.5	82.8	53.44	843.57
Phytogen PHY 485 WRF	1569*	39.7	4.8	1.11	31.3	83.3	52.88	830.75
Phytogen PHY 425 RF	1564*	38.4	4.9	1.11	30.6	83.1	52.06	817.22
Dynagro DG 2242 B2RF	1528	38.6	4.3	1.13	27.6	82.6	53.66	820.26
Croplan CG 3520 B2RF	1507	38.3	4.4	1.14	27.8	82.6	54.18	816.61
Croplan CG 4020 B2RF	1499	38.4	4.2	1.15	27.4	82.7	54.27	813.55
Dynagro DG 2215 B2RF	1484	37.0	4.1	1.11	27.1	82.3	53.28	789.76
Beltwide BW 3255 B2RF	1451	37.9	4.4	1.09	27.1	82.4	52.91	767.64
Deltapine DP 117 B2RF	1451	40.6	4.8	1.12	30.7	82.0	52.49	763.61
Croplan CG 3020 B2RF	1416	37.7	4.3	1.09	26.8	82.2	52.30	742.72
Dynagro DG 2100 B2RF	1374	37.5	4.3	1.09	27.2	82.7	52.81	725.27
<b>Mean</b>	<b>1555</b>	<b>39.0</b>	<b>4.5</b>	<b>1.11</b>	<b>28.9</b>	<b>82.5</b>	<b>53.00</b>	<b>824.99</b>
<b>LSD<sub>0.05</sub></b>	158	0.4	0.2	0.02	0.7	0.6	1.22	96.85
<b>CV (%)</b>	9.5	1.2	3.7	1.8	2.6	0.7	2.3	10.4

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

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

**TABLE 4. One-year performance of early maturing cotton varieties on an irrigated Gigger silt loam at Winnsboro, La. (2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cent/lb	Gross Value \$/acre
†Syngenta DX25105N	1585*	41.3	5.1	1.13	29.5	82.6	51.98	824.90
‡Deltapine DP 555 BG/RR	1564*	42.5	5.1	1.10	27.5	82.3	50.28	788.51
Deltapine DP 434 RR	1552*	42.4	4.7	1.14	27.7	82.0	53.79	834.39
Deltapine DP 454 BG/RR	1550*	42.9	4.7	1.06	27.5	81.6	50.70	785.88
Stoneville ST 4554B2RF	1542*	40.1	4.8	1.13	31.9	82.2	54.41	839.11
Stoneville ST 5242BR	1503*	40.6	5.1	1.10	28.0	83.1	51.24	768.37
Stoneville ST 4427 B2RF	1503*	39.4	4.7	1.12	29.2	82.3	53.13	799.86
Deltapine DP 121 RF	1501*	41.4	4.9	1.13	30.9	82.6	53.79	808.33
‡Stoneville ST 5599BR	1496*	41.1	5.4	1.11	28.8	81.9	49.66	742.95
Deltapine DP 432 RR	1496*	39.5	4.8	1.12	31.3	83.2	53.93	806.39
Phytogen PHY 310R	1491*	41.0	5.0	1.09	30.8	82.3	50.91	757.85
Phytogen PHY 370WR	1485*	41.5	5.1	1.10	30.7	82.4	50.91	756.87
Deltapine DP 445 BG/RR	1458*	40.6	4.8	1.12	32.4	83.5	54.53	795.00
Phytogen PHY 485 WRF	1457*	39.5	5.0	1.12	32.2	83.1	52.70	769.72
Deltapine DP 110 RF	1443*	39.6	5.0	1.12	34.7	83.0	53.65	775.78
Deltapine DP 444 BG/RR	1441*	40.6	4.6	1.10	28.1	82.3	53.53	771.18
Deltapine DP 117 B2RF	1439*	40.1	5.0	1.14	31.1	81.8	53.76	774.89
Stoneville ST 4664RF	1438*	39.8	4.7	1.12	30.7	82.3	54.19	779.16
Phytogen PHY 425 RF	1411	38.6	5.3	1.11	31.6	83.3	50.74	716.09
Stoneville ST 4575BR	1399	40.8	5.0	1.11	32.4	82.4	51.93	727.37
Beltwide BW 4630 B2RF	1378	38.6	4.5	1.14	27.5	82.4	53.95	743.69
FiberMax FM 960 BR	1371	38.4	5.1	1.10	31.7	82.1	50.70	695.10
Phytogen PHY 480WR	1366	38.1	5.1	1.13	32.2	83.9	51.78	707.72
Dynagro DG 2242 B2RF	1366	38.6	4.6	1.12	27.7	82.7	53.56	731.21
FiberMax FM 960 B2R	1359	38.8	5.0	1.16	31.4	82.7	52.98	719.57
Croplan CG 3520 B2RF	1349	37.6	4.5	1.14	28.0	82.8	54.41	734.00
Stoneville ST 4357 B2RF	1349	39.3	4.5	1.15	27.1	82.5	54.24	731.37
Beltwide BW 3255 B2RF	1336	37.9	4.6	1.09	27.4	82.5	52.89	706.55
Phytogen PHY 470 WR	1334	39.0	5.0	1.11	31.1	83.2	52.11	695.06
Croplan CG 3020 B2RF	1323	37.2	4.5	1.09	26.7	82.2	52.83	699.19
Dynagro DG 2215 B2RF	1311	36.7	4.3	1.12	28.0	82.6	53.74	704.86
Croplan CG 4020 B2RF	1297	38.9	4.5	1.15	27.5	82.4	54.18	702.68
FiberMax FM 9060 F	1293	40.0	4.6	1.14	28.5	82.1	53.78	695.35
Dynagro DG 2100 B2RF	1264	37.1	4.5	1.10	27.4	83.0	53.26	672.80
FiberMax 965 B2LL	1255	36.7	4.8	1.15	31.8	83.8	54.73	686.55
FiberMax FM 9068 F	1247	38.2	4.7	1.17	31.6	82.8	54.75	682.97
FiberMax FM 955 B2LL	1247	37.0	5.0	1.18	30.8	83.4	53.35	665.78
FiberMax FM 9063 B2RF	1241	37.9	4.8	1.17	30.9	83.1	54.50	676.23
Beltwide BW 4021 B2RF	1240	35.6	4.2	1.11	26.4	81.8	53.20	659.64
FiberMax FM 958 LL	1238	38.7	4.8	1.17	29.6	82.6	54.48	674.45
†Deltapine DPLX06W650F	1234	39.1	4.8	1.13	29.7	82.7	53.10	656.67
Stoneville ST 4700 B2RF	1178	38.0	4.6	1.13	28.9	82.9	53.53	631.65
Beltwide BW 2038 B2RF	1098	37.4	4.5	1.12	28.2	82.3	53.40	586.76
<b>Mean</b>	<b>1382</b>	<b>39.3</b>	<b>4.8</b>	<b>1.12</b>	<b>29.7</b>	<b>82.6</b>	<b>53.01</b>	<b>732.15</b>
<b>LSD<sub>0.05</sub></b>	156	1.0	0.2	0.02	1.2	0.8	1.55	94.14
<b>CV (%)</b>	0.6	1.9	2.7	1.6	3.2	0.7	2.1	8.6

\*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.

## WINNSBORO IRRIGATED MEDIUM

**TABLE 5. Three-year performance of medium maturing cotton varieties on an irrigated Gigger silt loam at Winnsboro, La. (2004, 2005 & 2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cents/lb	Gross Value \$/acre
Stoneville ST 5599BR	1699*	39.3	4.7	1.13	30.7	82.8	53.30	905.67
Deltapine DP 555 BG/RR	1622*	42.2	4.7	1.12	28.9	81.9	53.43	866.85
‡Stoneville ST 5242BR	1587	39.9	4.5	1.10	28.9	83.2	53.21	842.31
‡Deltapine DP 444 BG/RR	1555	39.8	4.3	1.12	29.5	83.0	53.79	835.49
FiberMax FM 800 B2R	1542	38.7	4.1	1.20	32.2	83.8	54.83	845.45
Deltapine DP 494 RR	1542	40.1	4.6	1.16	32.8	83.2	54.25	836.96
Deltapine DP 488 BG/RR	1516	39.6	4.5	1.16	30.8	82.9	54.16	820.43
FiberMax FM 991 B2R	1311	35.9	4.3	1.17	32.6	83.2	54.82	718.59
<b>Mean</b>	<b>1547</b>	<b>39.4</b>	<b>4.4</b>	<b>1.14</b>	<b>30.8</b>	<b>83.0</b>	<b>53.97</b>	<b>833.97</b>
<b>LSD<sub>0.05</sub></b>	98.4	1.4	0.1	0.01	0.6	0.5	0.58	54.71
<b>CV (%)</b>	8.3	4.5	3.8	1.2	2.8	0.8	1.4	8.4

\*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 on an irrigated Gigger silt loam at Winnsboro, La. (2005 & 2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cents/lb	Gross Value \$/acre
Stoneville ST 5599BR	1744*	39.5	4.8	1.11	29.4	82.3	52.50	916.48
‡Stoneville ST 5242BR	1690*	41.2	4.7	1.09	27.7	82.6	52.41	884.78
FiberMax FM 800 B2R	1653*	39.3	4.3	1.18	31.4	83.5	54.72	904.48
Deltapine DP 494 RR	1633	40.5	4.8	1.15	31.4	82.7	53.85	880.90
Deltapine DP 488 BG/RR	1620	39.7	4.7	1.15	29.3	82.5	53.70	870.32
Deltapine DP 555 BG/RR	1615	42.4	4.7	1.10	27.7	81.2	52.79	852.86
‡Deltapine DP 444 BG/RR	1604	40.4	4.3	1.11	28.3	82.5	53.20	852.46
FiberMax FM 991 B2R	1299	35.9	4.3	1.15	31.1	82.7	54.73	710.65
<b>Mean</b>	<b>1607</b>	<b>39.8</b>	<b>4.6</b>	<b>1.13</b>	<b>29.53</b>	<b>82.48</b>	<b>53.49</b>	<b>859.12</b>
<b>LSD<sub>0.05</sub></b>	101.1	2.0	0.1	0.02	0.8	0.69	0.88	55.51
<b>CV (%)</b>	6.7	5.1	2.9	1.5	2.8	0.85	1.7	6.8

\*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 on an irrigated Gigger silt loam at Winnsboro, La. (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	1693*	42.5	4.6	1.11	28.0	81.6	53.19	901.15
Stoneville ST 6611B2RF	1616*	37.1	4.4	1.14	29.8	82.6	54.24	875.54
‡Stoneville ST 5242BR	1601*	41.2	4.6	1.10	27.6	82.8	53.44	855.63
‡Stoneville ST 5599BR	1593*	40.0	4.7	1.13	29.6	82.3	53.02	844.30
Deltapine DP 147 RF	1559	40.0	4.1	1.18	28.6	82.2	54.28	846.28
Deltapine DP 167 RF	1496	40.1	4.1	1.16	30.7	82.7	54.41	814.04
‡Deltapine DP 444 BG/RR	1496	40.4	4.2	1.11	28.2	82.6	53.81	805.07
Deltapine DP 164 B2RF	1469	39.6	4.4	1.16	28.4	82.1	54.14	795.41
Stoneville ST 6622RF	1411	38.8	4.3	1.15	29.8	82.5	54.28	765.82
Dynagro DG 2520 B2RF	1370	39.4	4.3	1.17	27.7	82.6	54.24	742.78
Deltapine DP 143 B2RF	1370	39.1	4.1	1.20	29.2	82.3	54.40	745.13
<b>Mean</b>	<b>1516</b>	<b>39.8</b>	<b>4.4</b>	<b>1.15</b>	<b>28.9</b>	<b>82.4</b>	<b>53.95</b>	<b>817.38</b>
<b>LSD<sub>0.05</sub></b>	134	1.2	0.2	0.03	0.9	0.8	0.55	73.29
<b>CV (%)</b>	8.9	3.3	5.0	2.4	3.2	0.8	1.06	8.6

\*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 on an irrigated Gigger silt loam at Winnsboro, La. (2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cents/lb	Gross Value \$/acre
‡Stoneville ST 5242BR	1591*	42.6	4.9	1.10	28.0	82.8	53.24	846.61
Stoneville ST 5599BR	1568*	40.1	5.1	1.13	30.3	82.3	52.19	817.17
Deltapine DP 147 RF	1544*	39.7	4.5	1.17	29.1	82.1	54.18	836.23
Deltapine DP 555 BG/RR	1523*	42.8	4.9	1.11	28.1	81.6	52.88	805.26
Deltapine DP 167 RF	1485*	42.0	4.5	1.13	31.9	82.5	54.31	806.39
‡Deltapine DP 444 BG/RR	1457	40.0	4.4	1.12	28.6	82.4	53.83	784.33
Deltapine DP 164 B2RF	1434	39.7	4.8	1.15	28.8	82.0	54.23	777.35
Deltapine DP 515 BG/RR	1433	40.1	4.9	1.13	28.5	82.4	52.05	747.93
FiberMax FM 800 B2R	1420	39.2	4.5	1.21	32.5	84.0	54.91	779.56
Deltapine DP 494 RR	1399	40.2	5.0	1.16	31.7	82.8	53.31	745.88
Stoneville ST 5283RF	1375	40.9	4.7	1.15	32.5	82.9	54.75	753.14
Deltapine DP 449 BG/RR	1371	37.9	4.8	1.13	30.9	82.4	54.09	741.59
Deltapine DP 488 BG/RR	1362	39.3	4.8	1.17	29.8	82.7	53.84	733.53
Deltapine DP 455 BG/RR	1360	41.3	4.3	1.13	30.0	82.1	54.23	738.06
Deltapine DP 143 B2RF	1356	39.2	4.5	1.21	29.0	82.1	54.18	734.87
†Dynagro DXN2429	1327	38.6	5.1	1.11	31.8	83.8	51.90	688.21
Stoneville ST 6611B2RF	1322	36.1	4.6	1.15	30.5	82.7	54.58	721.33
Stoneville ST 6622RF	1276	38.2	4.6	1.15	30.3	82.3	54.48	694.97
Dynagro DG 2520 B2RF	1260	38.5	4.5	1.16	28.5	82.7	54.36	684.61
Stoneville ST 5327B2RF	1208	37.3	4.4	1.16	29.4	82.2	54.39	657.05
Stoneville ST 6565 B2RF	1197	35.1	4.5	1.15	29.8	82.6	54.19	649.21
Dynagro DG 2490 B2RF	1195	37.1	3.9	1.10	28.3	82.0	52.96	631.92
Phytogen PHY 745 WRF	1176	37.4	4.5	1.14	33.0	82.5	54.49	641.05
Beltwide BW 8391 B2RF	1128	35.4	4.2	1.17	29.1	83.2	54.51	615.22
FiberMax FM 991 B2R	1035	34.3	4.4	1.16	31.7	83.0	54.71	566.54
†OA 265BR	897	36.5	4.1	1.17	35.7	83.6	55.00	493.55
<b>Mean</b>	<b>1335</b>	<b>38.8</b>	<b>4.6</b>	<b>1.15</b>	<b>30.3</b>	<b>82.59</b>	<b>53.91</b>	<b>718.91</b>
<b>LSD<sub>0.05</sub></b>	129	3.0	0.2	0.03	1.5	1.2	1.22	71.45
<b>CV (%)</b>	7.4	5.5	3.6	1.8	3.7	0.9	1.6	7.6

\*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.

**WINNSBORO NON-IRRIGATED EARLY**

**TABLE 9. One-year performance of early maturing cotton varieties on a non-irrigated Gigger silt loam at Macon Ridge, La. (2006).**

Variety	Lint lb/acre	Lint percent	Mike	UHM inches	Strength g/tex	UI percent	Loan Value cent/lb	Gross Value \$/acre
Phytogen PHY 470 WR	817*	38.6	4.3	1.05	27.4	82.1	50.44	413.16
†Deltapine DPLX06W650F	796*	38.3	3.8	1.11	26.8	81.7	53.6	426.49
‡Stoneville ST 5599BR	733*	38.9	4.0	1.08	24.6	80.4	51.60	379.27
Phytogen PHY 310R	717*	38.3	3.9	1.05	26.2	80.7	50.05	359.09
Deltapine DP 454 BG/RR	694*	39.1	3.9	1.03	24.0	80.1	49.58	344.74
Deltapine DP 117 B2RF	687*	36.7	4.1	1.11	28.3	82.1	53.43	367.37
Deltapine DP 110 RF	676*	38.1	4.2	1.08	31.1	81.5	52.29	354.40
Phytogen PHY 370WR	672*	38.3	4.2	1.03	25.8	80.6	50.48	339.38
Stoneville ST 4575BR	672*	37.6	4.1	1.06	27.6	81.0	50.95	341.75
Deltapine DP 445 BG/RR	670*	39.0	4.0	1.11	29.9	81.8	53.30	358.63
Stoneville ST 4357 B2RF	657*	36.1	3.5	1.08	22.9	80.9	51.80	341.41
Stoneville ST 4427 B2RF	651*	36.2	3.8	1.07	25.2	81.5	51.25	335.50
Croplan CG 4020 B2RF	639*	35.7	3.5	1.10	24.4	81.0	52.80	337.53
Deltapine DP 432 RR	637*	35.7	4.0	1.06	26.9	81.3	50.95	325.33
Stoneville ST 4700 B2RF	635*	37.8	3.7	1.09	24.7	81.0	52.08	333.08
Beltwide BW 2038 B2RF	633*	35.9	3.7	1.08	24.1	81.4	51.85	329.73
Phytogen PHY 425 RF	630*	36.4	4.2	1.08	28.0	81.9	51.69	326.54
Stoneville ST 4664RF	627*	36.9	3.8	1.07	28.8	81.1	51.60	324.06
Deltapine DP 434 RR	605*	38.3	4.0	1.08	24.7	80.9	52.15	315.51
Deltapine DP 121 RF	597*	39.0	4.2	1.05	27.3	80.9	50.96	305.16
Phytogen PHY 480WR	596*	37.1	4.2	1.06	27.9	81.7	51.31	307.92
Phytogen PHY 485 WRF	594*	38.1	4.3	1.06	28.5	81.8	51.28	305.88
†Syngenta DX25105N	581*	37.8	4.1	1.05	23.8	80.7	50.58	296.45
Dynagro DG 2100 B2RF	579*	36.0	3.5	1.05	23.2	81.4	50.60	293.29
‡Deltapine DP 555 BG/RR	569*	39.4	4.4	1.07	23.5	80.3	51.15	290.35
FiberMax FM 960 B2R	566*	39.1	4.0	1.08	24.2	80.7	52.03	295.80
FiberMax FM 958 LL	559*	34.1	3.8	1.12	26.6	81.9	53.94	301.74
Deltapine DP 444 BG/RR	554*	34.1	4.0	1.07	25.6	81.5	51.55	287.70
Dynagro DG 2215 B2RF	547*	34.7	3.4	1.06	24.0	81.0	50.58	277.73
FiberMax FM 9068 F	522	35.2	3.9	1.10	27.2	81.5	53.20	278.02
FiberMax FM 965 B2LL	520	33.9	3.6	1.12	27.0	82.2	53.54	279.68
FiberMax FM 9063 B2RF	517	34.1	3.6	1.11	27.3	81.0	53.50	276.33
Stoneville ST 4554B2RF	513	35.9	4.1	1.05	29.6	81.2	51.18	264.09
Stoneville ST 5242BR	498	37.8	4.2	1.04	23.8	81.0	50.70	254.06
Dynagro DG 2242 B2RF	493	36.4	3.7	1.08	23.8	81.3	51.66	257.23
FiberMax FM 9060 F	493	36.2	3.8	1.09	23.9	80.6	52.85	261.60
Beltwide BW 4630 B2RF	490	36.0	3.5	1.05	22.1	80.4	50.68	249.66
FiberMax FM 960 BR	449	34.2	3.7	1.06	27.9	81.6	50.91	229.24
FiberMax FM 955 B2LL	433	32.7	3.7	1.11	24.1	81.1	53.31	231.42
Beltwide BW 3255 B2RF	431	35.0	3.6	1.04	23.1	80.9	50.65	219.47
Croplan CG 3020 B2RF	423	34.0	3.4	1.02	23.0	80.4	49.35	208.90
Beltwide BW 4021 B2RF	385	32.9	3.5	1.03	23.1	80.5	49.35	190.13
Croplan CG 3520 B2RF	380	36.7	3.8	1.06	24.1	81.2	50.48	191.73
<b>Mean</b>	<b>585</b>	<b>36.6</b>	<b>3.9</b>	<b>1.07</b>	<b>25.7</b>	<b>81.2</b>	<b>51.56</b>	<b>302.48</b>
<b>LSD<sub>0.05</sub></b>	277	4.2	0.3	0.04	1.5	1.02	1.98	161.86
<b>CV (%)</b>	25.5	6.8	6.1	2.6	4.5	0.8	2.6	27.2

\*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.

**WINNSBORO NON-IIRRIGATED MEDIUM**

**TABLE 10. One-year performance of medium maturing cotton varieties on a non-irrigated Gigger Silt Loam at Macom Ridge, La. (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
Stoneville ST 5283RF	784*	39.5	4.4	1.09	31.0	82.2	53.21	416.64
Stoneville ST 5599BR	762*	38.8	4.7	1.06	26.0	80.9	50.16	384.18
Deltapine DP 488 BG/RR	737*	37.7	4.4	1.12	27.6	81.5	53.38	394.14
Stoneville ST 5327B2RF	730*	35.9	4.0	1.13	26.3	80.7	53.74	392.74
Deltapine DP 143 B2RF	726*	37.3	3.9	1.13	25.6	80.9	54.04	392.78
Deltapine DP 494 RR	722*	38.4	4.3	1.13	29.1	81.9	53.83	388.98
‡Stoneville ST 5242BR	713*	41.3	4.3	1.05	25.0	80.8	50.80	363.25
†Dynaagro DXN2429	688*	37.0	4.7	1.08	29.8	82.1	52.30	359.90
Deltapine DP 167 RF	663*	38.5	4.2	1.09	30.7	81.7	52.78	350.82
Dynaagro DG 2490 B2RF	644*	36.0	3.4	1.06	24.5	80.5	50.63	326.84
Deltapine DP 455 BG/RR	623*	38.4	4.1	1.09	25.5	80.5	52.43	327.74
Beltwide BW 8391 B2RF	617	34.6	4.1	1.11	26.3	81.9	53.06	328.10
‡Deltapine DP 444 BG/RR	614	38.5	4.2	1.05	24.6	81.3	49.95	306.85
Stoneville ST 6565 B2RF	604	32.7	4.1	1.12	26.6	81.5	53.69	325.03
Deltapine DP 449 BG/RR	596	36.8	4.4	1.08	26.1	81.3	52.07	310.33
Phytogen PHY 745 WRF	571	36.3	4.0	1.13	32.0	81.5	54.49	311.13
Stoneville ST 6622RF	555	34.5	4.1	1.10	25.3	80.9	52.83	293.21
Deltapine DP 164 B2RF	550	35.6	3.9	1.11	24.6	80.8	53.67	295.19
Dynaagro DG 2520 B2RF	547	35.7	3.6	1.09	24.2	81.1	52.56	287.50
Deltapine DP 147 RF	544	36.3	4.0	1.12	25.0	80.2	53.92	293.33
Deltapine DP 555 BG/RR	542	41.2	4.4	1.06	23.5	80.3	50.35	272.87
FiberMax FM 991 B2R	542	36.1	4.2	1.14	28.5	82.0	54.28	294.22
Deltapine DP 515 BG/RR	532	37.6	4.2	1.08	24.2	81.1	51.91	276.18
†OA 265BR	509	37.2	4.0	1.13	33.7	81.6	54.68	278.32
Stoneville ST 6611B2RF	492	33.8	3.9	1.09	25.3	80.8	52.45	258.03
FiberMax FM 800 B2R	406	35.1	4.0	1.14	27.4	81.4	54.11	219.68
<b>Mean</b>	<b>616</b>	<b>37.0</b>	<b>4.1</b>	<b>1.10</b>	<b>26.84</b>	<b>81.2</b>	<b>52.70</b>	<b>324.92</b>
<b>LSD<sub>0.05</sub></b>	162	0.7	0.3	0.03	1.4	0.8	1.6	97.08
<b>CV (%)</b>	17.3	4.7	5.9	2.2	4.2	0.7	2.2	18.6

\*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.