

Ashley County
 Jack Shell - Cooperator
 Gus Wilson - Agent

Planting Date: 5/4/06
 Replications: 2
 Irrigation: Furrow

Harvest Date: 10/02/06
 Soil Series: Perry Loam
 Fertility: 110-45-90

Management: Roundup Ready BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire [†]	Length [†] in	Strength [†] g/tex
DP 432 RR	933	36.9	5.7	1.02	24.8
PHY 310 R	905	36.6	5.2	0.99	27.8
FM 960 RR	881	36.7	5.2	1.05	27.6
DPL 434 RR	842	37.1	5.2	1.06	24.7
ST 4686 R	814	36.3	5.5	1.03	30.9
Mean	875	36.7	5.4	1.03	27.2
LSD (0.05)	147.2	--	--	--	--
CV (%)	6.54	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Chicot County
 Olan and Michael Mencer - Cooperator
 Carl Hayden – Staff Chair

Planting Date: 4/14/06
 Replications: 2
 Irrigation: Furrow

Harvest Date: 09/15/06
 Soil Series: Dundee Silt Loam
 Fertility: 120-60-60

Management: Bollgard II / Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 4554 B2RF	1768	43.72	5.2	1.10	29.9
DPL 164 B2RF	1600	41.88	4.8	1.11	28.8
PHY 485 WRF	1525	42.41	4.3	1.13	26.1
FM 9063 B2RF	1501	40.93	4.9	1.11	29.2
ST4357 B2RF	1418	41.57	4.6	1.13	29.9
DG 2520 B2RF	1299	40.75	4.7	1.13	30.0
Mean	1518	41.87	4.7	1.12	29.0
LSD (0.05)	183.5	--	--	--	--
CV (%)	4.94	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Chicot County
 William Lane – Cooperator
 Carl Hayden – Staff Chair

Planting Date: 4/21/06
 Replications: 3
 Irrigation: Pivot

Harvest Date: 9/15/06
 Soil Series: Commerce Silt Clay Loam
 Fertility: 120-40-40

Management: Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
PHY 425 RF	1126	42.80	4.5	1.18	27.5
ST 4664 RF	1031	42.07	3.6	1.19	31.9
FM 960 RF	993	42.14	4.1	1.18	28.3
BW 1505 RF	878	38.48	3.7	1.20	30.3
Mean	1007	41.37	4.0	1.19	29.5
LSD (0.05)	57.5	--	--	--	--
CV (%)	3.03	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Craighead County
 John Johnson – Cooperator
 Steve Culp- Staff Chair

Planting Date: 05/16/06
 Replications: 2
 Irrigation: Furrow

Harvest Date: 10/09/06
 Soil Series: Sandy Loam
 Fertility: 120-0-0

Management: Bollgard II / Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 4357 B2RF	1656	41.2	3.6	1.19	27.7
PHY 485 WRF	1621	41.2	4.4	1.19	31.5
CG 3520 B2RF	1595	39.5	4.0	1.19	28.2
DP 164 B2RF	1571	40.2	3.6	1.24	30.2
ST 4554 B2RF	1558	40.7	3.9	1.21	31.7
BW 4630 B2F	1546	40.0	3.6	1.19	26.3
DG 2520 B2RF	1457	39.0	3.9	1.21	28.1
CG 4020 B2RF	1422	40.7	4.0	1.17	27.4
DP 117 B2RF	1398	39.1	3.9	1.21	33.8
Mean	1536		3.8	1.20	29.43
LSD (0.05)	242.3	--	--	--	--
CV (%)	6.97	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

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Desha County
 Don Adams – Cooperator
 Steve Kelley-Staff Chair
 Jason Rauls-County Extension Agent

Planting Date: 05/04/06

Harvest Date: 10/05/06

Replications: 3

Soil Series: Hebert & Crowley Silt Loam

Irrigation: Furrow

Fertility: 100-40-80

Management: Bollgard II / Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 4554 B2RF	1136	42.8	5.0	1.13	32.4
DP 164 B2RF	1061	43.4	5.2	1.19	28.1
PHY 485 WRF	942	43.4	5.3	1.16	31.3
DG 2520 B2RF	893	42.6	4.6	1.09	25.8
BW 4630 B2F	891	42.8	4.7	1.09	25.0
ST 4357 B2RF	849	41.2	4.6	1.1	24.8
Mean	962	42.7	4.9	1.13	27.9
LSD (0.05)	163.7	--	--	--	--
CV (%)	9.56	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

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Desha County
 Eric Wright – Cooperator
 Wes Kirkpatrick-County Extension Agent

Planting Date: 04/26/06
 Replications: 3
 Irrigation: Furrow

Harvest Date: 10/04/06
 Soil Series: Hebert Silt Loam
 Fertility: 100-40-80

Management: Bollgard II / Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 4554 B2RF	1622	42.0	5.0	1.07	29.7
FM 9063 B2F	1534	42.5	5.2	1.15	31.9
DP 164 B2RF	1423	39.7	4.7	1.19	28.9
DG 2520 B2RF	1344	41.5	4.7	1.16	26.6
PHY 485 WRF	1247	39.0	4.6	1.23	31.3
BW 4630 B2F	956	40.9	4.3	1.18	27.7
Mean	1354	40.9	4.7	1.16	29.3
LSD (0.05)	176.8	--	--	--	--
CV (%)	7.34	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Desha County
 Eric Wright – Cooperator
 Wes Kirkpatrick-County Extension Agent

Planting Date: 04/26/06
 Replications: 3
 Irrigation: Furrow

Harvest Date: 10/04/06
 Soil Series: Hebert Silt Loam
 Fertility: 100-40-80

Management: Bollgard / Roundup Ready BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
DP 455 BG/RR	1572	43.8	4.7	1.17	31.6
DP 445 BG/RR	1572	43.6	5	1.11	31.9
ST 4575 BR	1421	42.3	5.0	1.14	33.8
PHY 370 WR	1408	43.3	5.4	1.13	28.3
ST 5599 BR	1348	43.4	4.9	1.11	28.2
DP 444 BG/RR	1311	42.7	4.5	1.15	28.8
FM 960 BR	1127	40.8	5.1	1.13	35
ST 5242 BR	1125	41.5	5.2	1.16	28.4
Mean	1353	42.7	5.0	1.14	30.75
LSD (0.05)	356.4	--	--	--	--
CV (%)	15.22	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Desha County
 Greg Simpson – Cooperator
 Wes Kirkpatrick-County Extension Agent

Planting Date: 05/17/06

Harvest Date: 10/12/06

Replications: 3

Soil Series: Sharkey & Desha Silt Loam

Irrigation: Furrow

Fertility: 100-40-80

Management: Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
DP 110 RF	1289	41.9	4.1	1.15	35.7
PHY 425 RF	1262	41.7	4.6	1.15	31.7
ST 4664 RF	1181	41.3	3.9	1.13	30.4
FM 9060 RF	1174	41.3	4.2	1.19	26
DP 167 RF	1163	38.3	3.7	1.17	28.8
BW 1505 RF	970	38.7	4.1	1.15	29.9
Mean	1173	40.5	4.1	1.16	30.4
LSD (0.05)	191.6	--	--	--	--
CV (%)	9.18	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Jefferson County
 Jason Young – Cooperator
 Don Plunkett- Staff Chair

Planting Date: 05/18/06
 Replications: 4
 Irrigation: Furrow

Harvest Date: 11/22/06
 Soil Series: Sandy Loam
 Fertility: 69-N & 1 ton Litter/A

Management: Bollgard II / Roundup Ready Flex BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
PHY 485 WRF	1559	42.2	4.0	1.17	27.4
DP 164 B2RF	1416	40.2	3.6	1.19	27.7
ST 4554 B2RF	1415	40.5	3.9	1.21	33.8
DG 2520 B2RF	1394	40.3	3.9	1.21	31.7
BW 4630 B2F	1323	40.4	3.6	1.19	26.3
DG 2520 B2RF	1317	40.0	4.0	1.19	28.2
ST 4357 B2RF	1290	40.0	4.4	1.19	31.5
FM 9063 B2F	1152	40.0	3.6	1.24	30.2
Mean	1358	40.5	3.9	1.20	29.6
LSD (0.05)	125.0	--	--	--	--
CV (%)	6.30	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Jefferson County
 Jason Young – Cooperator
 Don Plunkett – Staff Chair

Planting Date: 5/18/06
 Replications: 4
 Irrigation: Furrow

Harvest Date: 11/22/06
 Soil Series: Sandy Loam
 Fertility: 69-N & 1 ton Litter/A

Management: Bollgard / Roundup Ready BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 5599BR	1369	42.7	3.7	1.2	30.3
PHY 370WR	1299	42.6	4.5	1.18	27.5
DP 445 BG/RR	1247	42.9	4.1	1.18	28.3
DP 444 BG/RR	1196	41.9	3.6	1.19	31.9
Mean	1277	42.5	3.9	1.18	29.5
LSD (0.05)	184.9	--	--	--	--
CV (%)	9.40	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Lincoln County
 Donny Edwards – Cooperator
 Steven Stone – Agent

Planting Date: 05/18/06
 Replications: 4
 Irrigation: Furrow

Harvest Date: 10/09/06
 Soil Series: Silt Loam
 Fertility: 0-50-100

Management: Bollgard / Roundup Ready BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
ST 5599 BR	1756	44.5	5.1	1.12	28.6
DP 454 BG/RR	1680	46.0	4.8	1.08	28.3
ST 4575 BR	1674	42.8	5.3	1.13	31.8
DP 455 BG/RR	1470	44.0	4.2	1.16	31.4
ST 5242 BR	1454	41.4	4.8	1.11	27.8
DP 445 B/RR	1452	43.2	4.3	1.13	32.1
DP 444 BG/RR	1371	41.0	4.3	1.15	28.9
FM 960 BR	1363	40.4	4.6	1.14	34.0
Mean	1527	42.9	4.6	1.13	30.36
LSD (0.05)	145.0	--	--	--	--
CV (%)	6.50	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.

Mississippi County
 Michael Brothers – Cooperator
 Christopher Grimes – Agent

Planting Date:
 Replications: 2
 Irrigation: Dryland

Harvest Date: 11/21/06
 Soil Series: Silt Loam
 Fertility: 90-30-60

Management: Bollgard / Roundup Ready BMPs

Variety	Lint Yield lb/A	Lint Fraction [†]	Micronaire	Length in	Strength g/tex
DP 445 B/RR	1450	43.2	N/A	N/A	N/A
ST 5599 BR	1435	42.5	N/A	N/A	N/A
DP 455 BG/RR	1409	44.6	N/A	N/A	N/A
DP 444 BG/RR	1405	43.4	N/A	N/A	N/A
ST 4575 BR	1387	43.3	N/A	N/A	N/A
ST 5242 BR	1279	40.7	N/A	N/A	N/A
Mean	1394	42.9			
LSD (0.05)	122.8	--	--	--	--
CV (%)	3.6	--	--	--	--

[†] Data obtained from a laboratory gin without the use of a lint cleaner.