

2014 MSU-ES On-Farm Soybean Variety Demonstration Program



MISSISSIPPI STATE
UNIVERSITY
EXTENSION SERVICE

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During the 2014 growing season, a total of 17 on-farm soybean variety demonstration plots were successfully conducted. Due to the adverse weather conditions during the planting season, several intended locations were lost. The following information is intended to complement data generated through small-plot OVT testing programs.

2014 Locations

County	Demonstration Type	Irrigation Method
Bolivar	MG IV RR	Furrow
Chickasaw	MG V RR	None
Covington	MG IV RR	None
Hinds	MG V RR	None
Humphreys	MG IV RR	Furrow
Jones	MG V RR	None
Leflore	MG IV RR	Furrow
Leflore	MG V RR	Furrow
Madison	MG V RR	None
Monroe	MG V RR	None
Monroe	MG V RR	None
Oktibbeha	MG IV RR	None
Oktibbeha	MG V RR	None
Sharkey	MG IV RR	Furrow
Sharkey	MG V RR	Furrow
Washington	MG IV RR	Furrow
Washington	MG IV/V LL	Furrow

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The Mississippi State University Extension Service wishes to express special thanks to the many producers who cooperated with this year's on-farm soybean variety demonstration program. In addition, the seed companies and their representatives are sincerely appreciated for providing the seed used in this program. The relationships among participating individuals are critical for the continued success of this demonstration program.

Assistance in the conduct of this program provided by: Blake Thomason, Michael Houston, Jonathon Burton, and Barrett Steinwinder

2014 Location Information

County	Plot Type	Planting Date	Seeding Rate	Planter Width	Row Spacing	Tillage System	Soil Series	Irrigation Method	Harvest Date
Bolivar	MG IV RR	20-May	135,000	6 twin rows	38"	Conventional	Forestdale silty clay loam	Furrow	9-Oct
Chickasaw	MG V RR	20-May	140,000	20 rows	15"	Conventional	Mayhew silt loam	None	21-Oct
Covington	MG IV RR	18-June	130,000	18 rows	20"	Strip till	Providence silt loam	None	20-Oct
Hinds	MG V RR	5-June	135,000	8 rows	30"	Conventional	Loring silt loam	None	17-Oct
Humphreys	MG IV RR	20-May	140,000	16 twin rows	38"	Conventional	Alligator-Dowling clays	Furrow	7-Oct
Jones	MG V RR	12-June	117,000	5 rows	36"	Conventional	Cahaba fine sandy loam	None	7-Oct
Leflore	MG IV RR	7-May	120,000	16 rows	38"	Conventional	Tensas silty clay loam	Furrow	16-Sep
Leflore	MG V RR	6-May	135,000	6 rows	38"	Conventional	Alligator clay	Furrow	8-Oct
Madison	MG V RR	2-May	130,000	4 rows	30"	No-till	Oaklimeter silt loam	None	1-Oct
Monroe (1)	MG V RR	25-Apr	130,000	6 rows	30"	No-till	Houston clay	None	10-Oct
Monroe (2)	MG V RR	21-May	115,000	4 rows	30"	Conventional	Stough fine sandy loam	None	17-Oct
Oktibbeha	MG IV RR	22-May	140,000	4 rows	38"	Conventional	Marietta fine sandy loam	None	25-Sep
Oktibbeha	MG V RR	22-May	140,000	4 rows	38"	Conventional	Marietta fine sandy loam	None	30-Sep
Sharkey	MG IV RR	7-May	140,000	6 rows	38"	Conventional	Commerce silty clay loam	Furrow	26-Sep
Sharkey	MG V RR	7-May	140,000	6 rows	38"	Conventional	Commerce silty clay loam	Furrow	26-Sep
Washington	MG IV RR	19-May	140,000	12 rows	30"	Conventional	Sharkey-Dowling clays	Furrow	10-Oct
Washington	MG IV/V LL	17-June	130,000	12 rows	38"	Conventional	Sharkey-Dowling clays	Furrow	27-Oct

Soybean Variety Characteristics

Maturity Group IV Roundup Ready Varieties

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	DK 4744	4.7	RR2Y/STS	I	M	M	LT
Asgrow	AG4531	4.5	RR2Y/STS	I	MB	MT	LT
Asgrow	AG4632	4.6	RR2Y/STS	I	MB	T	LT
Asgrow	AG4934	4.9	RR2Y/STS	I	MB	T	LT
Credenz	HBK RY4620	4.6	RR2Y/STS	I	MB	M	LT
Credenz	HBK RY4721	4.7	RR2Y/STS	I	B	T	LT
Croplan	R2C4752S	4.7	RR2Y/STS	I	MB	M	G
Delta Grow	DG 4670R2Y	4.6	RR2Y	I	MB	MT	LT
Dyna-Gro	31RY45	4.5	RR2Y	I	M	T	LT
Mycogen	5N451R2	4.5	RR2Y	I	MB	M	LT
Mycogen	5N478R2	4.7	RR2Y/STS	I	M	T	LT
NK	S46-L2	4.6	RR2Y	I	M	MT	G
Pioneer	47T36R	4.7	RR	I	MB	MT	LT
Pioneer	49T97R	4.9	RR	I	MB	M	T
Progeny	P 4850 RYS	4.8	RR2Y/STS	I	MB	T	G
Progeny	P 4900 RY	4.9	RR2Y	I	M	M	LT
Terral	REV 47R34	4.7	RR	I	M	T	LT
Terral	REV 48R33	4.8	RR	I	MB	MT	T

Maturity Group V Roundup Ready Varieties

Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Armor	53-R16	5.3	RR2Y	D	B	M	LT
Asgrow	AG5233	5.2	RR2Y/STS	I	MB	MT	LT
Asgrow	AG5332	5.3	RR2Y	I	MB	MT	T
Asgrow	AG5533	5.5	RR2Y/STS	D	MB	MT	G
Credenz	HBK RY5221	5.2	RR2Y	I	B	T	G
Croplan	R2C5081	5	RR2Y	D	M	M	G
Dyna-Gro	32RY55	5.5	RR2Y	D	MB	M	G
Dyna-Gro	39RY57	5.7	RR2Y	D	MB	M	T
Pioneer	50T64R	5.0	RR	I	MB	MT	T
Pioneer	53T73RS	5.3	RR/STS	D	MB	MT	LT
Pioneer	54T94R	5.4	RR	D	MB	M	T
Progeny	P 5333 RY	5.3	RR2Y	D	M	M	G
Progeny	P 5555 RY	5.5	RR2Y	D	B	MT	T
Terral	REV 54R84	5.4	RR	D	MB	MT	T
Terral	REV 55R53	5.5	RR	D	MB	MT	T
Terral	REV 56R63	5.6	RR	D	B	T	G

¹ – RR = Roundup Ready; RR2Y = Roundup Ready 2 Yield; STS = sulfonylurea tolerant soybean

² – I = indeterminate; D = determinate

³ – T = thin; M = medium; MB = medium-bushy; B = bushy

⁴ – S = short; M = medium; MT = medium-tall; T = tall

⁵ – G = gray; LT = light tawny; T = tawny

Soybean Variety Characteristics (cont.)

LibertyLink Varieties							
Brand	Variety	Relative Maturity	Herbicide Package ¹	Growth Habit ²	Canopy Width ³	Plant Height ⁴	Plant Color ⁵
Credenz	HBK LL4650	4.6	LL	I	B	T	LT
Credenz	HBK LL4953	4.9	LL	I	MB	T	G
Delta Grow	DG 4967LL	4.9	LL	I	MB	MT	T
Delta Grow	DG 5461LL	5.4	LL	D	MB	M	T
Halo	4:65	4.6	LL	I	T	T	LT
Halo	5:45	5.4	LL	D	MB	M	G
Progeny	P 4560 LL	4.5	LL	I	MB	M	LT
Progeny	P 5160 LL	5.1	LL	D	M	M	T
Progeny	P 4928 LL	4.9	LL	I	MB	T	G
Progeny	P 5460 LL	5.4	LL	D	MB	T	LT

¹ – LL = LibertyLink

² – I = indeterminate; D = determinate

³ – T = thin; M = medium; MB = medium-bushy; B = bushy

⁴ – S = short; M = medium; MT = medium-tall; T = tall

⁵ – G = gray; LT = light tawny; T = tawny

Maturity Group IV RR Varieties Summarized across Irrigated Locations					
Total number of locations:		5			
Planting date range:		7-May-14 to 20-May-14			
Company	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Seed Moisture	Average Yield
		Inches	0 to 10	%	bu/acre
Armor	DK 4744	33	1	12.3	67.4
Asgrow	AG4531	37	1	11.9	63.4
Asgrow	AG4632	36	2	12.4	73.7
Asgrow	AG4934	38	2	12.8	69.8
Credenz	HBK RY4620	35	0	12.4	67.1
Croplan	R2C4752S	38	1	12.4	71.5
Delta Grow	DG 4670R2Y	34	1	12.5	72.3
Dyna-Gro	31RY45	33	2	12.5	72.0
Mycogen	5N451R2	37	2	12.6	72.0
Mycogen	5N478R2	38	2	12.9	70.1
NK	S46-L2	33	2	13.2	68.0
Pioneer	47T36R	35	1	12.5	71.3
Pioneer	49T97R	33	0	12.9	68.7
Progeny	P 4850 RYS	37	1	13.3	72.2
Progeny	P 4900 RY	32	2	13.0	73.3
Terral	REV 47R34	34	2	12.9	71.7
Average across all irr. locations:				12.7	70.3

Maturity Group IV RR Varieties Summarized across Non-irrigated Locations					
Total number of locations:		2			
Planting date range:		22-May-14 to 18-June-14			
Company	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Seed Moisture	Average Yield
		Inches	0 to 10	%	bu/acre
Armor	DK 4744	34	1	12.3	40.6
Asgrow	AG4531	34	1	12.7	36.7
Asgrow	AG4632	39	1	12.9	46.7
Asgrow	AG4934	41	1	13.1	50.5
Credenz	HBK RY4721	40	1	13.7	42.9
Croplan	R2C4752S	42	1	12.7	46.6
Delta Grow	DG 4670R2Y	38	1	13.4	43.7
Dyna-Gro	31RY45	37	1	12.9	47.4
Mycogen	5N478R2	43	1	14.7	40.5
Pioneer	47T36R	36	1	12.4	58.8
Pioneer	49T97R	35	1	12.8	48.1
Progeny	P 4850 RYS	39	1	12.9	42.1
Progeny	P 4900 RY	32	1	13.7	41.3
Terral	REV 47R34	39	1	12.9	49.0
Terral	REV 48R33	39	1	13.0	43.1
Average across all irr. locations:				13.0	45.2

Maturity Group V RR Varieties Summarized across Irrigated Locations					
Total number of locations:		2			
Planting date range:		6-May-14 to 7-May-14			
Company	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Seed Moisture	Average Yield
		Inches	0 to 10	%	bu/acre
Armor	53-R16	31	1	11.9	72.2
Asgrow	AG5233	39	3	12.4	77.9
Asgrow	AG5332	39	7	12.5	79.4
Asgrow	AG5533	35	2	11.7	78.8
Credenz	HBK RY5221	40	5	10.9	74.5
Croplan	R2C5081	31	1	11.9	73.7
Dyna-Gro	32RY55	35	1	11.8	71.1
Dyna-Gro	39RY57	39	2	11.1	70.8
Pioneer	50T64R	35	1	11.2	75.9
Pioneer	53T73R	36	2	11.6	81.5
Progeny	P 5333 RY	30	1	11.8	75.3
Progeny	P 5555 RY	36	4	12.8	79.2
Terral	REV 54R84	31	4	11.2	71.6
Terral	REV 55R53	34	2	11.2	79.8
Terral	REV 56R63	32	5	11.7	72.9
Average across all irr. locations:				11.7	75.6

Maturity Group V RR Varieties Summarized across Non-irrigated Locations					
Total number of locations:		7			
Planting date range:		25-Apr-14 to 12-June-14			
Company	Variety	Avg. Plant Height	Avg. Lodging Score	Avg. Seed Moisture	Average Yield
		Inches	0 to 10	%	bu/acre
Armor	53-R16*	35	0	14.8	52.0
Asgrow	AG5233*	32	0	14.4	50.1
Asgrow	AG5332	36	4	14.2	52.9
Asgrow	AG5533	37	1	14.6	50.3
Credenz	HBK RY5221	38	1	14.9	51.6
Croplan	R2C5081	33	1	14.6	52.2
Dyna-Gro	32RY55*	34	0	15.4	55.1
Dyna-Gro	39RY57*	33	1	14.6	53.2
Pioneer	53T73R*	33	0	14.8	49.9
Pioneer	54T94R	32	1	14.4	56.6
Progeny	P 5333 RY	34	0	14.2	56.1
Progeny	P 5555 RY	37	1	14.9	57.8
Terral	REV 54R84	30	2	14.5	50.0
Terral	REV 55R53	34	2	14.1	59.8
Terral	REV 56R63	40	3	14.8	54.9
Average across all non-irr. Locations:				14.6	53.5

* - Variety planted at 6 locations

Bolivar County – Irrigated					
Maturity Group IV Roundup Ready					
Brand	Brand	Brand	Brand	Brand	Brand
Armor	DK 4744	30	1	13.9	75.4
Asgrow	AG4531	41	1	14.2	75.8
Asgrow	AG4632	34	1	14.2	77.5
Asgrow	AG4934	44	4	14.3	79.3
Credenz	HBK RY4620	33	1	14.9	77.0
Croplan	R2C4752S	36	0	14.1	73.3
Delta Grow	DG 4670R2Y	33	2	14.2	78.3
Dyna-Gro	31RY45	35	3	14.3	78.6
Mycogen	5N451R2	39	3	14.5	79.0
Mycogen	5N478R2	37	3	14.8	73.2
NK	S46-L2	37	3	14.9	77.1
Pioneer	47T36R	37	1	14.8	78.1
Pioneer	49T97R	36	0	14.9	75.5
Progeny	P 4850 RYS	35	0	15.3	73.4
Progeny	P 4900 RY	35	0	14.9	82.0
Terral	REV 47R34	34	5	15.6	75.9
Plot Average:				14.6	76.8

Covington County – Non-irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	33	1	10.7	36.9
Asgrow	AG4531	34	1	11.0	26.2
Asgrow	AG4632	40	1	10.2	43.6
Asgrow	AG4934	43	1	10.1	53.0
Credenz	HBK RY4721	39	2	11.7	40.1
Croplan	R2C4752S	42	1	11.0	41.8
Delta Grow	DG 4670R2Y	39	2	10.9	45.2
Dyna-Gro	31RY45	36	1	10.3	48.9
Mycogen	5N478R2	42	1	13.6	34.2
Pioneer	47T36R	35	1	11.0	66.8
Pioneer	49T97R	34	1	10.8	42.0
Progeny	P 4850 RYS	39	1	10.6	35.4
Progeny	P 4900 RY	33	1	10.3	33.5
Terral	REV 47R34	37	1	10.3	43.9
Terral	REV 48R33	38	2	10.6	37.1
Plot Average:				10.9	41.9

Humphreys County – Irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	35	0	13.8	75.1
Asgrow	AG4531	--	--	--	--
Asgrow	AG4632	41	2	14.1	80.5
Asgrow	AG4934	43	5	12.6	78.9
Credenz	HBK RY4620	39	0	13.4	72.9
Croplan	R2C4752S	45	0	13.3	78.9
Delta Grow	DG 4670R2Y	42	0	13.9	78.6
Dyna-Gro	31RY45	35	0	15.0	77.2
Mycogen	5N451R2	44	4	14.4	79.7
Mycogen	5N478R2	39	0	13.5	73.6
NK	S46-L2	33	0	14.3	71.0
Pioneer	47T36R	40	0	12.8	77.6
Pioneer	49T97R	39	0	12.2	72.5
Progeny	P 4850 RYS	43	0	12.8	78.5
Progeny	P 4900 RY	35	3	12.2	80.2
Terral	REV 47R34	40	1	12.8	80.8
Plot Average:				13.4	77.1

Leflore County – Irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	30	0	12.6	62.8
Asgrow	AG4531	37	0	11.8	62.1
Asgrow	AG4632	31	0	12.7	69.9
Asgrow	AG4934	31	0	14.6	66.9
Credenz	HBK RY4620	32	0	12.9	63.3
Croplan	R2C4752S	35	0	13.3	72.4
Delta Grow	DG 4670R2Y	27	0	12.5	68.4
Dyna-Gro	31RY45	30	0	11.8	70.6
Mycogen	5N451R2	31	0	12.3	71.2
Mycogen	5N478R2	36	0	13.8	69.1
NK	S46-L2	26	0	13.7	63.5
Pioneer	47T36R	32	0	13.0	65.8
Pioneer	49T97R	29	0	14.9	69.9
Progeny	P 4850 RYS	30	0	15.2	68.8
Progeny	P 4900 RY	30	0	14.6	70.9
Terral	REV 47R34	31	0	13.6	69.9
Plot Average:				13.3	67.8

Oktoberbeha County – Non-irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	36	0	13.9	44.4
Asgrow	AG4531	35	0	14.3	47.3
Asgrow	AG4632	38	0	15.5	49.8
Asgrow	AG4934	39	0	16.0	48.0
Credenz	HBK RY4721	42	0	15.7	45.7
Croplan	R2C4752S	43	0	14.4	51.4
Delta Grow	DG 4670R2Y	37	0	15.8	42.1
Dyna-Gro	31RY45	37	0	15.5	45.9
Mycogen	5N478R2	44	0	15.7	46.8
Pioneer	47T36R	37	0	13.7	50.8
Pioneer	49T97R	36	0	14.8	54.1
Progeny	P 4850 RYS	39	0	15.1	48.9
Progeny	P 4900 RY	31	0	17.0	49.1
Terral	REV 47R34	41	0	15.4	54.2
Terral	REV 48R33	39	0	15.4	49.2
Plot Average:				15.2	48.5

Sharkey County – Irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	39	2	8.8	72.2
Asgrow	AG4531	44	3	8.7	79.5
Asgrow	AG4632	44	5	8.6	77.7
Asgrow	AG4934	43	3	8.8	78.6
Credenz	HBK RY4620	42	1	8.9	75.5
Croplan	R2C4752S	48	5	8.6	76.9
Delta Grow	DG 4670R2Y	42	3	8.9	82.2
Dyna-Gro	31RY45	38	5	8.6	81.8
Mycogen	5N451R2	40	2	8.9	79.6
Mycogen	5N478R2	45	4	9.0	78.4
NK	S46-L2	43	5	9.6	73.5
Pioneer	47T36R	38	2	9.1	88.9
Pioneer	49T97R	35	1	8.9	83.0
Progeny	P 4850 RYS	43	2	10.3	82.8
Progeny	P 4900 RY	34	5	9.3	88.8
Terral	REV 47R34	37	5	9.0	83.9
Plot Average:				9.0	80.2

Washington County – Irrigated					
Maturity Group IV Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	DK 4744	31	0	12.6	51.8
Asgrow	AG4531	26	0	12.7	36.4
Asgrow	AG4632	29	0	12.6	62.9
Asgrow	AG4934	31	0	13.9	45.1
Credenz	HBK RY4620	30	0	12.1	47.1
Croplan	R2C4752S	28	0	12.7	56.3
Delta Grow	DG 4670R2Y	29	0	12.8	53.9
Dyna-Gro	31RY45	28	0	13.0	51.7
Mycogen	5N451R2	30	0	12.9	50.7
Mycogen	5N478R2	34	1	13.5	56.4
NK	S46-L2	26	0	13.3	54.8
Pioneer	47T36R	28	1	12.7	46.0
Pioneer	49T97R	27	0	13.5	42.5
Progeny	P 4850 RYS	32	2	13.0	57.4
Progeny	P 4900 RY	28	0	13.9	44.7
Terral	REV 47R34	27	0	13.5	48.3
Plot Average:				13.0	50.4

Chickasaw County – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	36	0	13.9	51.6
Asgrow	AG5233	34	0	14.4	44.2
Asgrow	AG5332	36	5	14.4	39.9
Asgrow	AG5533	39	0	13.7	50.2
Credenz	HBK RY5221	35	0	13.3	48.1
Croplan	R2C5081	31	0	15.1	46.0
Dyna-Gro	32RY55	30	0	13.4	55.1
Dyna-Gro	39RY57	33	0	15.0	46.5
Pioneer	53T73R	33	0	14.2	49.1
Pioneer	54T94R	28	0	14.2	44.6
Progeny	P 5333 RY	36	0	13.8	50.7
Progeny	P 5555 RY	35	0	14.2	49.6
Terral	REV 54R84	35	3	14.3	42.0
Terral	REV 55R53	35	0	13.2	49.1
Terral	REV 56R63	28	0	13.4	54.2
Plot Average:				14.0	48.1

Hinds County – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	37	0	12.6	58.0
Asgrow	AG5233	37	0	13.0	55.5
Asgrow	AG5332	36	5	12.4	58.1
Asgrow	AG5533	43	2	12.5	58.4
Credenz	HBK RY5221	31	3	14.3	51.0
Croplan	R2C5081	38	1	13.3	57.3
Dyna-Gro	32RY55	38	0	14.3	60.1
Dyna-Gro	39RY57	34	2	12.2	60.4
Pioneer	53T73R	35	0	13.1	57.0
Pioneer	54T94R	33	1	13.8	58.3
Progeny	P 5333 RY	35	0	12.3	56.9
Progeny	P 5555 RY	43	1	12.6	63.0
Terral	REV 54R84	31	3	12.1	56.3
Terral	REV 55R53	33	3	12.5	59.1
Terral	REV 56R63	42	5	13.3	57.3
Plot Average:				13.0	57.8

Jones County – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	32	1	15.9	55.6
Asgrow	AG5332	37	1	16.0	51.5
Asgrow	AG5533	38	2	14.3	59.2
Credenz	HBK RY5221	40	1	17.1	44.9
Croplan	R2C5081	32	1	17.8	41.5
Pioneer	50T64R	35	1	14.1	64.3
Pioneer	54T94R	32	1	15.3	57.5
Progeny	P 5333 RY	32	1	15.9	47.6
Progeny	P 5555 RY	37	2	14.7	60.2
Terral	REV 54R84	28	1	16.1	52.9
Terral	REV 55R53	36	2	14.5	62.5
Terral	REV 56R63	47	3	14.8	44.8
Plot Average:				15.5	53.5

Leflore County – Irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	29	1	13.8	62.9
Asgrow	AG5233	38	2	13.8	74.4
Asgrow	AG5332	38	7	13.6	74.4
Asgrow	AG5533	34	2	13.3	68.8
Credenz	HBK RY5221	37	7	12.8	68.6
Croplan	R2C5081	35	0	13.3	65.9
Dyna-Gro	32RY55	38	1	13.3	65.8
Dyna-Gro	39RY57	41	1	12.4	60.4
Pioneer	50T64R	34	0	12.5	71.3
Pioneer	53T73R	39	3	12.8	78.1
Progeny	P 5333 RY	31	1	12.7	60.8
Progeny	P 5555 RY	37	6	12.7	80.0
Terral	REV 54R84	32	7	12.5	64.5
Terral	REV 55R53	32	3	12.6	70.9
Terral	REV 56R63	33	6	12.5	66.7
Plot Average:				13.0	68.9

Madison County – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	23	0	12.2	67.7
Asgrow	AG5233	31	0	11.7	65.5
Asgrow	AG5332	35	0	11.9	71.0
Asgrow	AG5533	28	0	13.0	70.1
Credenz	HBK RY5221	33	0	12.6	69.5
Croplan	R2C5081	24	0	11.8	62.5
Dyna-Gro	32RY55	29	0	13.5	66.7
Dyna-Gro	39RY57	25	0	11.8	66.6
Pioneer	53T73R	28	0	12.4	63.9
Pioneer	54T94R	28	0	11.7	72.2
Progeny	P 5333 RY	30	0	12.6	68.3
Progeny	P 5555 RY	31	0	12.9	74.7
Terral	REV 54R84	21	0	11.4	66.0
Terral	REV 55R53	25	0	11.7	72.3
Terral	REV 56R63	31	0	11.7	63.6
Plot Average:				12.2	68.0

Monroe County (Location 1) – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Asgrow	AG5233	36	--	13.2	62.4
Asgrow	AG5332	32	--	12.8	60.1
Asgrow	AG5533	28	--	12.5	47.7
Credenz	HBK RY5221	32	--	13.1	56.6
Croplan	R2C5081	28	--	13.5	53.2
Dyna-Gro	32RY55	25	--	12.9	54.0
Dyna-Gro	39RY57	32	--	12.9	57.1
Pioneer	53T73R	31	--	13.1	50.3
Pioneer	54T94R	33	--	12.8	54.9
Progeny	P 5333 RY	30	--	13.0	52.7
Progeny	P 5555 RY	30	--	12.9	53.2
Terral	REV 54R84	25	--	12.6	44.8
Terral	REV 55R53	33	--	12.4	56.4
Terral	REV 56R63	35	--	12.7	52.5
Plot Average:				12.9	54.0

Monroe County (Location 2) – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	31	--	14.4	50.1
Asgrow	AG5233	29	--	15.1	48.0
Asgrow	AG5332	33	--	14.5	45.5
Asgrow	AG5533	28	--	14.0	44.8
Credenz	HBK RY5221	34	--	15.3	45.1
Croplan	R2C5081	30	--	15.1	51.4
Dyna-Gro	32RY55	35	--	13.6	48.8
Dyna-Gro	39RY57	35	--	13.3	40.9
Pioneer	53T73R	30	--	14.1	43.0
Pioneer	54T94R	27	--	13.5	49.9
Progeny	P 5333 RY	29	--	14.2	51.9
Progeny	P 5555 RY	30	--	13.7	44.9
Terral	REV 54R84	24	--	13.7	42.8
Terral	REV 55R53	36	--	13.7	47.7
Terral	REV 56R63	43	--	13.8	43.5
Plot Average:				14.1	46.6

Oktoberbeha County – Non-irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	37	0	15.8	47.5
Asgrow	AG5233	30	0	15.3	45.0
Asgrow	AG5332	36	0	14.8	51.4
Asgrow	AG5533	41	0	15.9	45.5
Credenz	HBK RY5221	43	0	15.6	50.6
Croplan	R2C5081	35	0	14.8	52.5
Dyna-Gro	32RY55	37	0	17.3	53.3
Dyna-Gro	39RY57	35	0	16.8	52.0
Pioneer	53T73R	34	0	16.2	47.1
Pioneer	54T94R	33	0	15.3	57.0
Progeny	P 5333 RY	36	0	14.7	57.5
Progeny	P 5555 RY	41	0	16.2	58.0
Terral	REV 54R84	32	0	15.6	49.2
Terral	REV 55R53	34	0	15.2	61.7
Terral	REV 56R63	43	0	16.4	57.1
Plot Average:				15.7	52.4

Sharkey County – Irrigated					
Maturity Group V Roundup Ready					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Armor	53-R16	32	1	10.0	81.4
Asgrow	AG5233	40	3	10.9	81.4
Asgrow	AG5332	41	7	11.3	84.5
Asgrow	AG5533	37	2	10.0	88.7
Credenz	HBK RY5221	42	3	8.9	80.4
Croplan	R2C5081	28	1	10.4	81.4
Dyna-Gro	32RY55	32	1	10.2	76.4
Dyna-Gro	39RY57	37	2	9.7	81.1
Pioneer	50T64R	36	1	9.9	80.4
Pioneer	53T73R	33	0	10.4	84.9
Progeny	P 5333 RY	29	0	10.8	89.9
Progeny	P 5555 RY	36	1	12.8	78.4
Terral	REV 54R84	29	1	9.8	78.8
Terral	REV 55R53	36	0	9.7	88.7
Terral	REV 56R63	31	3	10.8	79.2
Plot Average:				10.4	82.4

Washington County – Irrigated					
Maturity Group IV/V LibertyLink					
Brand	Variety	Final Height	Lodging Score	Seed Moisture	Yield
		inches	0 to 10	%	bu/acre
Progeny	P 4560 LL	--	0	13.1	39.9
Hornbeck	HBK LL4650	--	0	13.3	39.7
Halo	4:65	--	0	12.9	44.3
Progeny	P 4928 LL	--	0	12.7	48.3
Hornbeck	HBK LL4953	--	0	12.7	52.1
Delta Grow	DG 4967LL	--	0	12.8	52.7
Progeny	P 5160 LL	--	0	11.9	50.2
Halo	5:45	--	0	12.6	49.9
Delta Grow	DG 5461LL	--	0	12.3	43.5
Progeny	P 5460 LL	--	0	12.5	36.6
Plot Average:				12.7	45.7