

# SOYBEAN

## Summary of MG V and MG VI Soybean Variety Performance at Six Locations, 2014

Company/Brand	Variety	2014 Yield <sup>1</sup>						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2014	2-Year
----- bu/acre -----									
<b>Maturity Group V</b>									
AR	R05-374	35.1	<b>57.2</b>	55.7	61.2	45.6	<b>77.7</b>	55.4	.
AR	UA 5213C	44.7	55.8	<b>65.5</b>	54.4	55.0	68.8	57.4	.
AR	UA 5612	43.6	56.4	58.7	58.9	<b>59.2</b>	66.9	57.3	56.4
AgSouth	AGS 533 LL	37.5	<b>57.5</b>	<b>61.1</b>	66.9	53.8	69.6	57.7	<b>58.7</b>
AgSouth	AGS 568RR	<b>48.4</b>	<b>58.0</b>	57.7	61.4	52.1	<b>76.2</b>	<b>59.0</b>	<b>57.9</b>
Armor	49-R56	<b>52.8</b>	46.9	<b>58.9</b>	<b>68.1</b>	49.5	70.0	57.7	.
Armor	50-R44	45.3	<b>59.7</b>	50.0	56.3	46.4	62.4	53.4	.
Armor	51-R50	40.9	<b>59.7</b>	57.8	60.2	49.5	67.2	55.9	.
Armor	53-R16	44.2	<b>58.2</b>	57.5	60.7	56.5	<b>79.1</b>	<b>59.4</b>	<b>58.3</b>
Armor	55-R22	33.8	<b>57.6</b>	<b>64.3</b>	66.3	56.1	53.9	55.3	55.7
Armor	AX4490	45.7	43.9	49.4	58.7	56.1	<b>74.0</b>	54.6	.
Armor	AX4520	38.7	52.1	<b>59.1</b>	66.9	57.8	<b>81.1</b>	<b>59.3</b>	.
Armor	AX4550	<b>47.0</b>	<b>58.4</b>	<b>63.0</b>	63.7	53.9	<b>75.3</b>	<b>60.2</b>	.
Asgrow	AG5535	37.2	<b>58.6</b>	54.6	62.7	56.7	<b>80.4</b>	<b>58.4</b>	.
Asgrow	AG5935	34.5	55.6	<b>61.1</b>	<b>73.5</b>	<b>59.9</b>	65.3	<b>58.3</b>	.
Bayer	HBK LL4850	39.6	51.8	49.6	65.1	47.2	68.8	53.7	.
Bayer	HBK LL4950	40.3	<b>59.4</b>	<b>63.2</b>	65.1	<b>59.3</b>	72.7	<b>60.0</b>	<b>60.1</b>
Bayer	HBK LL4953	40.7	53.6	55.9	66.0	54.2	65.2	55.9	.
Bayer	HBK RY5221	38.7	44.4	<b>59.8</b>	55.6	38.2	56.1	48.8	49.8
Bayer	HBK RY5421	41.3	<b>57.3</b>	<b>59.2</b>	55.9	50.7	65.3	55.0	55.5
Dyna-Gro	39RY57	35.2	<b>62.2</b>	<b>58.8</b>	<b>68.6</b>	<b>59.1</b>	68.5	<b>58.7</b>	.
Dyna-Gro	556RY84	46.7	<b>59.9</b>	<b>59.5</b>	64.8	57.7	<b>83.8</b>	<b>62.1</b>	.
GoSoy	5911LL	33.8	51.5	57.3	66.7	47.7	55.6	52.1	.
NK	S52-Y2 Brand	<b>50.1</b>	48.5	<b>60.2</b>	<b>69.9</b>	52.5	<b>74.6</b>	<b>59.3</b>	<b>60.3</b>
NK	S55-Q3 Brand	43.4	<b>62.8</b>	<b>60.0</b>	61.1	54.6	<b>85.7</b>	<b>61.3</b>	.
NK	S59-V9 Brand	37.3	<b>59.7</b>	57.0	63.6	56.8	71.4	57.6	.
Pioneer	P52T86R	41.2	<b>58.3</b>	<b>67.3</b>	65.4	48.3	<b>78.4</b>	<b>59.8</b>	.
Pioneer	95Y70	39.6	<b>58.0</b>	<b>65.4</b>	64.3	<b>58.6</b>	67.0	<b>58.8</b>	57.0
Pioneer	95Y71	37.8	<b>63.5</b>	<b>63.1</b>	<b>73.8</b>	50.0	63.0	<b>58.5</b>	57.7
Pioneer	P54T94R	42.3	56.1	55.2	<b>69.1</b>	51.4	65.7	56.6	.
Public Variety	Osage	31.0	53.6	<b>62.8</b>	66.0	53.0	70.2	56.1	55.5
Public Variety	Ozark	32.2	<b>59.2</b>	<b>65.3</b>	58.6	53.3	65.8	55.7	55.8
SS	5513N R2	<b>47.5</b>	54.4	<b>59.7</b>	65.2	<b>59.6</b>	<b>80.3</b>	<b>61.1</b>	<b>59.9</b>
SS	5711N R2	38.6	<b>59.4</b>	<b>65.5</b>	<b>67.9</b>	<b>62.7</b>	73.0	<b>61.2</b>	<b>59.8</b>
SS	5911N R2	37.3	<b>57.5</b>	<b>64.7</b>	54.0	<b>60.9</b>	58.4	55.5	54.1
SS	LL 595N	36.5	<b>58.4</b>	<b>58.8</b>	<b>67.6</b>	50.3	65.1	56.1	57.1
SS	SS 5511N R2	42.4	<b>60.5</b>	<b>63.0</b>	63.7	55.2	68.9	<b>59.0</b>	57.7
Terral-REV®	55R53™	45.3	50.3	57.6	62.1	51.8	<b>73.6</b>	56.8	.
Terral-REV®	56R63™	44.5	<b>57.4</b>	53.1	55.7	52.5	<b>77.1</b>	56.7	<b>58.2</b>
Terral-REV®	57R21™	35.4	54.7	<b>67.8</b>	59.3	46.6	64.3	54.7	55.8

## Summary of MG V and MG VI Soybean Variety Performance at Six Locations, 2014 (Continued)

Company/Brand	Variety	2014 Yield <sup>1</sup>						Statewide Average	
		Athens	Calhoun	Griffin	Midville	Plains	Tifton	2014	2-Year
----- bu/acre -----									
<b>Maturity Group V - continued</b>									
US Seeds	HALO 4:94	32.1	44.8	52.7	59.0	50.6	65.6	50.8	.
US Seeds	HALO 5:25	34.1	54.5	<b>62.8</b>	<b>68.1</b>	50.5	66.3	56.0	.
US Seeds	Halo 4:95	39.0	51.2	50.9	63.5	50.1	67.5	53.7	.
US Seeds	Halo 4:97	38.7	51.5	55.3	58.7	47.9	66.2	53.1	.
US Seeds	Halo 5:01	38.9	<b>61.7</b>	53.3	63.6	51.7	65.5	55.8	<b>58.4</b>
US Seeds	Halo 5:26	37.1	51.1	<b>62.7</b>	57.5	<b>59.1</b>	58.7	54.4	56.1
US Seeds	Halo 5:45	34.8	55.3	57.1	62.1	55.1	69.6	55.7	<b>58.3</b>
US Seeds	Halo X449	47.8	54.9	52.9	58.7	47.5	<b>74.4</b>	56.0	.
US Seeds	Halo X451	33.6	51.0	<b>64.5</b>	<b>67.1</b>	53.0	69.6	56.5	.
US Seeds	Halo X452	40.6	<b>57.8</b>	<b>62.6</b>	60.7	54.2	66.4	57.0	.
Average		40.1	55.6	59.2	63.1	53.2	69.5	56.8	57.1
LSD at 10% Level		5.8	6.7	9.0	6.7	4.6	12.1	3.9	2.4
Std. Err. of Entry Mean		2.5	2.8	3.8	2.8	2.0	5.1	1.7	1.0
<b>Maturity Group VI</b>									
Armor	61-R14	<b>43.4</b>	<b>54.4</b>	<b>68.6</b>	52.1	62.5	63.7	57.4	.
Armor	67-R90	36.7	40.8	54.5	61.6	<b>74.1</b>	66.6	55.7	.
Asgrow	AG6534	34.3	44.9	53.9	60.5	56.9	65.5	52.7	54.4
Asgrow	AG6834	<b>46.6</b>	<b>47.4</b>	57.1	<b>65.1</b>	67.1	<b>84.7</b>	<b>61.3</b>	<b>58.3</b>
Croplan Genetics	R2C6764	32.4	42.3	62.3	57.9	<b>67.8</b>	74.5	56.2	.
Dyna-Gro	S65RY73	<b>40.5</b>	<b>52.5</b>	59.3	57.2	<b>70.4</b>	<b>81.0</b>	<b>60.1</b>	<b>59.6</b>
Dyna-Gro	S69RY34	37.4	44.9	51.2	55.8	<b>68.3</b>	66.2	54.0	52.6
Dyna-Gro	SX14867R	37.3	42.6	61.9	<b>67.4</b>	65.1	73.0	57.9	.
NK	S67-R6 Brand	<b>42.5</b>	<b>50.7</b>	54.8	<b>67.2</b>	67.0	<b>85.8</b>	<b>61.3</b>	<b>60.5</b>
Public Variety	Musen	36.8	41.7	52.2	49.2	62.4	64.7	51.2	50.5
SS	6713N R2	37.9	<b>49.3</b>	62.5	<b>66.8</b>	<b>68.5</b>	76.1	<b>60.2</b>	55.8
SS	SS 6810N R2	36.5	41.6	58.2	<b>63.5</b>	<b>70.7</b>	68.1	56.4	56.1
UGA	G10-3429 RR	<b>44.8</b>	46.2	56.6	60.1	59.1	<b>84.0</b>	58.5	.
Average		39.0	46.1	57.9	60.3	66.1	73.4	57.1	56.0
LSD at 10% Level		6.6	7.7	5.5	<b>5.3</b>	6.2	6.7	2.5	2.3
Std. Err. of Entry Mean		2.7	3.2	2.3	<b>2.2</b>	2.5	2.8	1.1	1.0

1. Yields calculated at 13% moisture.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

## Summary of MG VII and VIII Soybean Variety Performance at Six Locations, 2014

Company/Brand	Variety	2014 Yield <sup>1</sup>						Statewide <sup>2</sup>	
		Late-Planted		Early-Planted				Average	
		Griffin	Plains	Athens	Midville	Plains	Tifton	2014	2-Year
----- bu/acre -----									
<b>Maturity Group VII and VIII</b>									
AgSouth	AGS 738 RR	59.3	60.1	53.8	61.7	62.8	<b>76.8</b>	62.4	<b>63.7</b>
AgSouth	AGS 787 RR	53.9	57.2	50.4	57.0	58.1	58.9	55.9	59.0
AgSouth	AGS 828 RR	57.6	58.9	48.3	59.0	59.8	<b>77.7</b>	60.2	60.4
AgSouth	AGS Prichard RR	56.5	48.6	47.3	44.1	54.2	64.5	52.6	54.5
AgSouth	AGS Woodruff	<b>67.9</b>	52.5	<b>61.2</b>	57.5	54.2	64.4	59.6	<b>63.1</b>
Armor	AX4700	57.8	51.2	51.2	56.9	54.4	60.5	55.3	.
Armor	AX4750	60.2	45.2	48.6	57.9	61.0	50.4	53.9	.
Armor	AX4770	57.1	<b>65.5</b>	48.4	56.1	<b>74.3</b>	<b>78.3</b>	63.3	.
Asgrow	AG7535	<b>74.4</b>	<b>65.9</b>	52.6	<b>76.2</b>	64.9	73.0	<b>67.8</b>	.
Asgrow	AG7934	58.5	61.5	44.7	58.5	66.3	73.4	60.5	<b>63.0</b>
Bayer	HBK RY7523	61.5	55.8	49.0	61.0	56.5	57.1	56.8	58.6
Croplan Genetics	R2C7094	55.0	58.5	50.6	60.4	59.8	57.0	56.9	.
Dyna-Gro	34RY75	60.4	58.8	53.6	49.2	67.3	<b>77.0</b>	61.1	<b>62.8</b>
Dyna-Gro	S74RY15	59.5	60.5	46.3	57.3	61.3	58.5	57.2	59.6
Dyna-Gro	S77RY85	60.6	<b>70.3</b>	43.0	59.8	68.0	<b>75.6</b>	62.9	.
Dyna-Gro	S79RY05	61.2	56.2	39.4	57.7	55.4	65.6	55.9	.
NK	S74-M3 Brand	62.0	60.4	<b>57.5</b>	66.8	<b>69.5</b>	73.0	<b>64.9</b>	<b>64.4</b>
NK	S77-T7 Brand	52.8	60.1	49.8	43.5	63.2	<b>81.9</b>	58.6	60.8
Public Variety	Cook	56.1	44.8	43.2	58.2	53.5	60.0	52.6	54.9
Public Variety	Motte	46.6	<b>66.7</b>	43.4	45.8	58.5	65.5	54.4	56.7
Public Variety	Santee	58.6	62.3	53.2	57.4	59.7	68.4	59.9	60.9
SC	SC03-062	64.7	<b>65.0</b>	44.9	61.2	66.7	55.9	59.7	61.1
SC	SC04-306	60.3	60.3	<b>54.7</b>	58.5	66.0	66.4	61.0	60.5
SC	SC04-375	60.6	58.6	50.9	59.7	67.0	72.8	61.6	.
SC	SC04-386RR	54.6	57.8	46.3	63.6	58.4	71.7	58.7	.
SC	SC06-301RR	57.2	57.2	51.9	50.4	63.1	66.2	57.7	.
SC	SC07-108	59.2	<b>64.2</b>	51.5	60.0	58.3	<b>75.0</b>	61.4	60.4
SC	SC07-1490RR	62.0	56.2	40.0	59.6	51.2	68.2	56.2	.
SC	SC07-1518RR	63.6	54.3	48.4	63.2	51.6	64.6	57.6	.
SC	SC07-676RR	58.9	45.3	46.6	60.9	55.4	70.4	56.2	.
SC	SC07-786RR	60.9	56.0	43.8	45.6	55.9	65.2	54.6	.
SS	SS 7511N R2	59.4	56.7	<b>55.2</b>	60.5	59.2	<b>74.9</b>	61.0	61.4
Terral-REV®	73R74™	57.9	54.7	53.8	55.8	56.4	64.3	57.1	.
UGA	G08-3279RR	61.6	60.1	48.9	56.3	60.1	65.0	58.7	60.0
UGA	G08-4200RR	55.0	62.2	52.7	60.4	65.1	73.3	61.4	60.7
UGA	G10-3833 RR	61.1	62.0	43.7	53.1	62.6	65.1	57.9	.
UGA	G10-3913R2	54.7	63.2	51.5	56.8	61.6	66.9	59.1	.
UGA	G10PR-224R2	64.2	63.5	45.1	60.0	67.1	<b>76.7</b>	62.8	<b>62.8</b>
UGA	G10PR-3954R2	56.9	56.7	41.4	59.0	56.5	68.3	56.5	.
UGA	G10PR-56264R2	57.1	52.7	49.9	61.9	54.4	64.2	56.7	61.2
UGA	G10PR-56444R2	59.1	<b>68.6</b>	47.0	62.3	64.8	<b>75.0</b>	62.8	<b>64.3</b>
UGA	G10PR-86R2	60.9	60.8	51.3	59.9	57.6	71.7	60.4	<b>62.6</b>
UGA	G11PR-209R2	56.4	<b>66.3</b>	52.7	55.8	64.8	<b>80.2</b>	62.7	.
UGA	G11PR-407R2	61.9	62.1	46.5	55.6	63.0	65.1	59.0	.
UGA	G11PR-418R2	56.4	55.0	51.1	60.6	60.7	68.9	58.8	.

## Summary of MG VII and VIII Soybean Variety Performance at Six Locations, 2014 (Continued)

Company/Brand	Variety	2014 Yield <sup>1</sup>						Statewide <sup>2</sup>	
		Late-Planted		Early-Planted				Average	
		Griffin	Plains	Athens	Midville	Plains	Tifton	2014	2-Year
----- bu/acre -----									
<b>Maturity Group VII and VIII - continued</b>									
UGA	G11PR-56151R2	62.5	57.3	49.2	62.3	59.3	70.0	60.1	.
UGA	G11PR-56158R2	63.6	56.3	49.2	60.4	57.3	61.6	58.1	.
UGA	G11PR-56238R2	56.9	63.5	50.9	63.0	60.4	<b>76.4</b>	61.9	.
UGA	G12PR-54R2	56.0	58.9	52.0	51.8	63.1	<b>79.3</b>	60.2	59.8
UGA	G12PR-63R2	63.9	60.1	52.6	61.3	62.1	<b>78.5</b>	63.1	<b>62.2</b>
UGA	G12PR-7R2	58.0	60.0	46.8	59.6	61.1	68.0	58.9	<b>62.5</b>
USG	77S13R	57.4	61.2	42.3	60.2	57.2	64.1	57.1	58.3
USG	77S40R2	<b>72.3</b>	60.5	50.0	65.8	65.2	74.2	<b>64.7</b>	<b>64.1</b>
USG	77S63R	62.6	52.5	49.9	59.5	62.2	59.0	57.6	60.5
USG	78S04R	60.4	<b>65.2</b>	37.8	56.8	59.3	58.8	56.4	.
Average		59.6	58.8	48.8	58.2	60.7	68.4	59.1	60.8
LSD at 10% Level		7.7	6.4	6.8	5.0	7.1	55.8	3.1	2.4
Std. Err. of Entry Mean		3.3	2.7	2.9	<b>2.1</b>	<b>3.0</b>	2.5	1.3	1.0

1. Yields calculated at 13% moisture.

2. All six locations.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

## Regional Summary of MG V and VI Soybean Variety Performance, 2014

Company or Brand Name	Variety	Yield <sup>1</sup>					
		South <sup>2</sup>		North <sup>3</sup>		Statewide <sup>4</sup>	
		2014	2-Year Average	2014	2-Year Average	2014	2-Year Average
----- bu/acre -----							
<b>Maturity Group V</b>							
AR	R05-374	61.5	.	<b>49.3</b>	.	55.4	.
AR	UA 5213C	59.4	.	<b>55.3</b>	.	57.4	.
AR	UA 5612	61.7	59.6	<b>52.9</b>	<b>53.1</b>	57.3	56.4
AgSouth	AGS 533 LL	63.4	63.4	<b>52.0</b>	<b>54.1</b>	57.7	<b>58.7</b>
AgSouth	AGS 568RR	63.2	61.8	<b>54.7</b>	<b>54.0</b>	<b>59.0</b>	<b>57.9</b>
Armor	49-R56	62.5	.	<b>52.9</b>	.	57.7	.
Armor	50-R44	55.1	.	<b>51.7</b>	.	53.4	.
Armor	51-R50	59.0	.	<b>52.8</b>	.	55.9	.
Armor	53-R16	<b>65.4</b>	61.7	<b>53.3</b>	<b>54.8</b>	<b>59.4</b>	<b>58.3</b>
Armor	55-R22	58.8	58.8	<b>51.9</b>	<b>52.7</b>	55.3	55.7
Armor	AX4490	62.9	.	<b>46.3</b>	.	54.6	.
Armor	AX4520	<b>68.6</b>	.	<b>50.0</b>	.	<b>59.3</b>	.
Armor	AX4550	<b>64.3</b>	.	<b>56.2</b>	.	<b>60.2</b>	.
Asgrow	AG5535	<b>66.6</b>	.	<b>50.1</b>	.	<b>58.4</b>	.
Asgrow	AG5935	<b>66.2</b>	.	<b>50.4</b>	.	<b>58.3</b>	.
Bayer	HBK LL4850	60.4	.	<b>47.0</b>	.	53.7	.
Bayer	HBK LL4950	<b>65.7</b>	<b>65.2</b>	<b>54.3</b>	<b>54.9</b>	<b>60.0</b>	<b>60.1</b>
Bayer	HBK LL4953	61.8	.	<b>50.1</b>	.	55.9	.
Bayer	HBK RY5221	50.0	49.9	<b>47.6</b>	<b>49.6</b>	48.8	49.8
Bayer	HBK RY5421	57.3	58.9	<b>52.6</b>	<b>52.1</b>	55.0	55.5
Dyna-Gro	39RY57	<b>65.4</b>	.	<b>52.1</b>	.	<b>58.7</b>	.
Dyna-Gro	556RY84	<b>68.7</b>	.	<b>55.4</b>	.	<b>62.1</b>	.
GoSoy	5911LL	56.7	.	<b>47.5</b>	.	52.1	.
NK	S52-Y2 Brand	<b>65.7</b>	<b>64.0</b>	<b>52.9</b>	<b>56.6</b>	<b>59.3</b>	<b>60.3</b>
NK	S55-Q3 Brand	<b>67.2</b>	.	<b>55.4</b>	.	<b>61.3</b>	.
NK	S59-V9 Brand	<b>63.9</b>	.	<b>51.3</b>	.	57.6	.
Pioneer	P52T86R	<b>64.0</b>	.	<b>55.6</b>	.	<b>59.8</b>	.
Pioneer	95Y70	63.3	61.6	<b>54.3</b>	<b>52.4</b>	<b>58.8</b>	57.0
Pioneer	95Y71	62.3	60.8	<b>54.8</b>	<b>54.6</b>	<b>58.5</b>	57.7
Pioneer	P54T94R	62.0	.	<b>51.2</b>	.	56.6	.
Public Variety	Osage	63.1	58.5	<b>49.1</b>	<b>52.6</b>	56.1	55.5
Public Variety	Ozark	59.2	58.4	<b>52.2</b>	<b>53.1</b>	55.7	55.8
SS	5513N R2	<b>68.3</b>	<b>66.6</b>	<b>53.8</b>	<b>53.3</b>	<b>61.1</b>	<b>59.9</b>
SS	5711N R2	<b>67.8</b>	<b>65.6</b>	<b>54.5</b>	<b>54.1</b>	<b>61.2</b>	<b>59.8</b>
SS	5911N R2	57.7	56.6	<b>53.2</b>	<b>51.7</b>	55.5	54.1
SS	LL 595N	61.0	60.8	<b>51.2</b>	<b>53.5</b>	56.1	57.1
SS	SS 5511N R2	62.6	61.5	<b>55.3</b>	<b>53.9</b>	<b>59.0</b>	57.7
Terral-REV®	55R53™	62.5	.	<b>51.1</b>	.	56.8	.
Terral-REV®	56R63™	61.8	<b>64.1</b>	<b>51.7</b>	<b>52.3</b>	56.7	<b>58.2</b>
Terral-REV®	57R21™	56.7	59.1	<b>52.6</b>	<b>52.5</b>	54.7	55.8

## Regional Summary of MG V and MG VI Soybean Variety Performance, 2014 (Continued)

Company or Brand Name	Variety	Yield <sup>1</sup>					
		South <sup>2</sup>		North <sup>3</sup>		Statewide <sup>4</sup>	
		2014	2-Year Average	2014	2-Year Average	2014	2-Year Average
----- bu/acre -----							
<b>Maturity Group V - continued</b>							
US Seeds	HALO 4:94	58.4	.	<b>43.2</b>	.	50.8	.
US Seeds	HALO 5:25	61.6	.	<b>50.5</b>	.	56.0	.
US Seeds	Halo 4:95	60.4	.	<b>47.0</b>	.	53.7	.
US Seeds	Halo 4:97	57.6	.	<b>48.5</b>	.	53.1	.
US Seeds	Halo 5:01	60.3	62.7	<b>51.3</b>	<b>54.1</b>	55.8	<b>58.4</b>
US Seeds	Halo 5:26	58.4	57.0	<b>50.3</b>	<b>55.2</b>	54.4	56.1
US Seeds	Halo 5:45	62.3	62.3	<b>49.1</b>	<b>54.4</b>	55.7	<b>58.3</b>
US Seeds	Halo X449	60.2	.	<b>51.9</b>	.	56.0	.
US Seeds	Halo X451	63.2	.	<b>49.7</b>	.	56.5	.
US Seeds	Halo X452	60.4	.	<b>53.6</b>	.	57.0	.
Average		61.9	60.8	51.6	53.5	56.8	57.1
LSD at 10% Level		4.8	3.0	N.S. <sup>5</sup>	N.S.	3.9	2.4
Std. Err. of Entry Mean		2.1	1.3	2.6	1.6	1.7	1.0
<b>Maturity Group VI</b>							
Armor	61-R14	59.4	.	<b>55.5</b>	.	57.4	.
Armor	67-R90	67.4	.	44.0	.	55.7	.
Asgrow	AG6534	61.0	58.8	44.4	<b>50.0</b>	52.7	54.4
Asgrow	AG6834	<b>72.3</b>	<b>68.3</b>	50.4	<b>48.3</b>	<b>61.3</b>	<b>58.3</b>
Croplan Genetics	R2C6764	66.7	.	45.7	.	56.2	.
Dyna-Gro	S65RY73	69.5	67.9	50.8	<b>51.3</b>	<b>60.1</b>	<b>59.6</b>
Dyna-Gro	S69RY34	63.5	60.9	44.5	44.2	54.0	52.6
Dyna-Gro	SX14867R	68.5	.	47.3	.	57.9	.
NK	S67-R6 Brand	<b>73.3</b>	<b>70.5</b>	49.3	<b>50.5</b>	<b>61.3</b>	<b>60.5</b>
Public Variety	Musen	58.7	59.0	43.6	42.0	51.2	50.5
SS	6713N R2	<b>70.5</b>	62.9	49.9	<b>48.7</b>	<b>60.2</b>	55.8
SS	SS 6810N R2	67.4	65.4	45.4	46.8	56.4	56.1
UGA	G10-3429 RR	67.8	.	49.2	.	58.5	.
Average		66.6	64.2	47.7	47.7	57.1	56.0
LSD at 10% Level		3.4	2.5	3.7	4.0	2.5	2.3
Std. Err. of Entry Mean		1.4	1.1	1.6	1.7	1.1	1.0

1. Yields calculated at 13% moisture.
2. Midville, Plains and Tifton.
3. Athens, Calhoun and Griffin.
4. All six locations.
5. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore a LSD value was not calculated.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

## Regional Summary of MG VII and MG VIII Soybean Variety Performance, 2014

Company or Brand Name	Variety	Yield <sup>1</sup>					
		South <sup>2</sup>		North <sup>3</sup>		Statewide <sup>4</sup>	
		2014	2-Year Average	2014	2-Year Average	2014	2-Year Average <sup>5</sup>
----- bu/acre -----							
<b>Maturity Group VII and VIII</b>							
AgSouth	AGS 738 RR	65.4	<b>67.2</b>	56.6	57.7	62.4	<b>63.7</b>
AgSouth	AGS 787 RR	57.8	60.5	52.2	56.4	55.9	59.0
AgSouth	AGS 828 RR	63.8	63.1	52.9	55.7	60.2	60.4
AgSouth	AGS Prichard RR	52.9	56.4	51.9	51.1	52.6	54.5
AgSouth	AGS Woodruff	57.2	62.7	<b>64.6</b>	<b>63.8</b>	59.6	<b>63.1</b>
Armor	AX4700	55.7	.	54.5	.	55.3	.
Armor	AX4750	53.6	.	54.4	.	53.9	.
Armor	AX4770	<b>68.6</b>	.	52.7	.	63.3	.
Asgrow	AG7535	<b>70.0</b>	.	<b>63.5</b>	.	<b>67.8</b>	.
Asgrow	AG7934	64.9	<b>66.8</b>	51.6	56.3	60.5	<b>63.0</b>
Bayer	HBK RY7523	57.6	58.8	55.2	58.1	56.8	58.6
Croplan Genetics	R2C7094	58.9	.	52.8	.	56.9	.
Dyna-Gro	34RY75	63.1	62.7	57.0	<b>63.0</b>	61.1	<b>62.8</b>
Dyna-Gro	S74RY15	59.4	61.3	52.9	56.8	57.2	59.6
Dyna-Gro	S77RY85	<b>68.4</b>	.	51.8	.	62.9	.
Dyna-Gro	S79RY05	58.7	.	50.3	.	55.9	.
NK	S74-M3 Brand	<b>67.4</b>	<b>66.8</b>	<b>59.8</b>	<b>60.2</b>	<b>64.9</b>	<b>64.4</b>
NK	S77-T7 Brand	62.2	63.9	51.3	55.3	58.6	60.8
Public Variety	Cook	54.1	57.3	49.6	50.7	52.6	54.9
Public Variety	Motte	59.1	60.6	45.0	49.8	54.4	56.7
Public Variety	Santee	62.0	63.8	55.9	55.9	59.9	60.9
SC	SC03-062	62.2	64.2	54.8	55.8	59.7	61.1
SC	SC04-306	62.8	63.0	57.5	56.2	61.0	60.5
SC	SC04-375	64.5	.	55.7	.	61.6	.
SC	SC04-386RR	62.9	.	50.5	.	58.7	.
SC	SC06-301RR	59.2	.	54.5	.	57.7	.
SC	SC07-108	64.4	62.5	55.4	56.7	61.4	60.4
SC	SC07-1490RR	58.8	.	51.0	.	56.2	.
SC	SC07-1518RR	58.4	.	56.0	.	57.6	.
SC	SC07-676RR	58.0	.	52.7	.	56.2	.
SC	SC07-786RR	55.7	.	52.3	.	54.6	.
SS	SS 7511N R2	62.8	64.2	57.3	56.5	61.0	61.4
Terral-REV®	73R74™	57.8	.	55.8	.	57.1	.
UGA	G08-3279RR	60.4	62.4	55.3	55.9	58.7	60.0
UGA	G08-4200RR	65.2	66.5	53.8	50.4	61.4	60.7
UGA	G10-3833 RR	60.7	.	52.4	.	57.9	.
UGA	G10-3913R2	62.1	.	53.1	.	59.1	.
UGA	G10PR-224R2	<b>66.8</b>	<b>67.4</b>	54.7	54.7	62.8	<b>62.8</b>
UGA	G10PR-3954R2	60.1	.	49.2	.	56.5	.
UGA	G10PR-56264R2	58.3	62.9	53.5	58.2	56.7	61.2

## Regional Summary of MG VII and MG VIII Soybean Variety Performance, 2014 (Continued)

Company or Brand Name	Variety	Yield <sup>1</sup>					
		South <sup>2</sup>		North <sup>3</sup>		Statewide <sup>4</sup>	
		2014	2-Year Average	2014	2-Year Average	2014	2-Year Average
----- bu/acre -----							
<b>Maturity Group VII and VIII - continued</b>							
UGA	G10PR-56444R2	<b>67.7</b>	<b>69.0</b>	53.1	56.1	62.8	<b>64.3</b>
UGA	G10PR-86R2	62.5	64.7	56.1	<b>58.9</b>	60.4	<b>62.6</b>
UGA	G11PR-209R2	<b>66.8</b>	.	54.5	.	62.7	.
UGA	G11PR-407R2	61.4	.	54.2	.	59.0	.
UGA	G11PR-418R2	61.3	.	53.8	.	58.8	.
UGA	G11PR-56151R2	62.2	.	55.9	.	60.1	.
UGA	G11PR-56158R2	58.9	.	56.4	.	58.1	.
UGA	G11PR-56238R2	65.8	.	53.9	.	61.9	.
UGA	G12PR-54R2	63.3	62.3	54.0	55.6	60.2	59.8
UGA	G12PR-63R2	65.5	65.3	<b>58.2</b>	56.8	63.1	<b>62.2</b>
UGA	G12PR-7R2	62.2	66.1	52.4	56.4	58.9	<b>62.5</b>
USG	77S13R	60.7	60.4	49.8	54.5	57.1	58.3
USG	77S40R2	66.4	65.0	<b>61.1</b>	<b>62.6</b>	<b>64.7</b>	<b>64.1</b>
USG	77S63R	58.3	60.8	56.2	<b>60.2</b>	57.6	60.5
USG	78S04R	60.0	.	49.1	.	56.4	.
Average		61.5	63.3	54.2	56.5	59.1	60.8
LSD at 10% Level		3.3	2.4	7.0	5.3	3.1	2.4
Std. Err. of Entry Mean		1.4	1.0	3.0	2.3	1.3	1.0

1. Yields calculated at 13% moisture.
  2. Midville, Plains and Tifton early-planted plus Plains late-planted.
  3. Athens early-planted plus Griffin late-planted.
  4. All locations early- and late-planted.
  5. Plains late-planted 2014 data only included.
- Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

## Tifton, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group V</b>										
SS	5513N R2	<b>72.7</b>	5	<b>80.3</b>	9/27	37	2.3	16.1	1.5	1.0
Terral-REV®	56R63™	<b>72.6</b>	9	<b>77.1</b>	10/1	41	2.3	16.6	1.3	1.0
NK	S52-Y2 Brand	<b>69.0</b>	12	<b>74.6</b>	9/19	39	2.0	15.1	1.7	1.0
Bayer	HBK LL4950	<b>69.0</b>	17	72.7	9/19	47	2.3	14.4	1.5	1.0
Armor	53-R16	<b>67.8</b>	6	<b>79.1</b>	9/20	35	1.7	13.9	1.5	1.0
SS	5711N R2	<b>67.4</b>	16	73.0	9/30	35	2.0	18.0	1.7	1.0
AgSouth	AGS 533 LL	<b>66.4</b>	21 <sup>T</sup>	69.6	9/20	47	2.3	13.9	1.5	1.0
US Seeds	Halo 5:01	<b>65.5</b>	35	65.5	9/24	43	1.7	14.0	1.5	1.0
AgSouth	AGS 568RR	<b>63.7</b>	10	<b>76.2</b>	9/21	42	2.3	16.6	1.3	1.0
US Seeds	Halo 5:45	<b>63.1</b>	21 <sup>T</sup>	69.6	10/6	33	1.0	17.0	1.5	1.0
SS	LL 595N	<b>62.6</b>	38	65.1	11/7	35	1.0	15.9	1.5	1.0
Terral-REV®	57R21™	61.9	39	64.3	9/29	45	2.7	16.1	1.7	1.0
SS	SS 5511N R2	61.0	22	68.9	10/1	36	1.0	18.1	1.5	1.0
Bayer	HBK RY5421	59.9	36 <sup>T</sup>	65.3	9/22	34	2.0	15.2	1.3	1.0
Bayer	HBK RY5221	58.1	44	56.1	9/22	43	3.0	16.1	3.0	1.0
Pioneer	95Y70	57.9	27	67.0	9/30	43	3.3	14.9	1.3	1.0
Public Variety	Ozark	57.5	32	65.8	9/21	30	1.0	17.6	1.3	1.0
Public Variety	Osage	57.4	19	70.2	10/1	31	1.0	14.7	1.5	1.0
Armor	55-R22	56.7	46	53.9	9/29	34	1.7	17.0	1.5	1.0
AR	UA 5612	55.8	28	66.9	9/24	36	2.0	15.1	1.5	1.0
US Seeds	Halo 5:26	55.3	42	58.7	9/23	28	1.0	16.9	1.5	1.0
Pioneer	95Y71	55.2	40	63.0	9/22	36	2.0	14.7	1.5	1.0
SS	5911N R2	52.4	43	58.4	10/8	26	1.0	14.9	2.2	1.0
NK	S55-Q3 Brand	.	1	<b>85.7</b>	9/20	37	2.3	15.9	1.5	1.0
Dyna-Gro	556RY84	.	2	<b>83.8</b>	9/28	39	1.7	16.4	1.5	1.0
Armor	AX4520	.	3	<b>81.1</b>	9/23	33	1.0	18.4	1.5	1.0
Asgrow	AG5535	.	4	<b>80.4</b>	9/30	33	1.7	18.2	1.5	1.0
Pioneer	P52T86R	.	7	<b>78.4</b>	9/17	33	1.3	14.8	1.7	1.0
AR	R05-374	.	8	<b>77.7</b>	9/21	41	2.7	16.1	1.8	1.0
Armor	AX4550	.	11	<b>75.3</b>	9/23	39	1.7	16.1	1.5	1.0
US Seeds	Halo X449	.	13	<b>74.4</b>	9/17	46	3.0	15.3	1.5	1.0
Armor	AX4490	.	14	<b>74.0</b>	9/18	39	1.7	17.3	1.8	1.0
Terral-REV®	55R53™	.	15	<b>73.6</b>	11/4	31	1.7	16.5	2.0	1.0
NK	S59-V9 Brand	.	18	71.4	10/5	34	2.0	14.9	1.7	1.0
Armor	49-R56	.	20	70.0	9/23	35	2.0	17.5	1.8	1.0
US Seeds	Halo X451	.	21 <sup>T</sup>	69.6	9/18	44	2.0	14.0	1.5	1.0
AR	UA 5213C	.	23 <sup>T</sup>	68.8	9/19	32	1.7	13.9	1.2	1.0
Bayer	HBK LL4850	.	23 <sup>T</sup>	68.8	9/19	36	2.0	15.1	2.2	1.0
Dyna-Gro	39RY57	.	24	68.5	10/1	36	1.7	17.2	1.7	1.0
US Seeds	Halo 4:95	.	25	67.5	9/16	37	2.0	14.6	1.5	1.0
Armor	51-R50	.	26	67.2	9/18	39	2.0	16.7	1.8	1.0
US Seeds	Halo X452	.	29	66.4	9/21	45	2.7	13.3	1.7	1.0
US Seeds	HALO 5:25	.	30	66.3	9/27	33	1.3	15.6	1.8	1.0
US Seeds	Halo 4:97	.	31	66.2	9/14	47	2.7	12.3	1.5	1.0
Pioneer	P54T94R	.	33	65.7	9/21	29	1.3	14.6	1.5	1.0

## Tifton, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b><u>Maturity Group V - continued</u></b>										
US Seeds	HALO 4:94	.	34	65.6	9/15	42	2.7	13.4	1.7	1.0
Asgrow	AG5935	.	36 <sup>T</sup>	65.3	10/2	34	1.3	16.9	1.7	1.0
Bayer	HBK LL4953	.	37	65.2	9/20	43	2.3	13.3	1.5	1.0
Armor	50-R44	.	41	62.4	9/18	41	1.7	13.7	2.8	1.0
GoSoy	5911LL	.	45	55.6	10/2	35	1.0	15.4	1.5	1.0
Average		62.1		69.5 <sup>5</sup>	9/25	37	1.9	15.6	1.6	1.0
LSD at 10% Level		10.2		12.1	N.S. <sup>6</sup>	3	N.S.	1.4	0.4	.
Std. Err. of Entry Mean		3.1		5.1	7	1	0.3	0.6	0.2	.
<b><u>Maturity Group VI</u></b>										
NK	S67-R6 Brand	<b>74.6</b>	1	<b>85.8</b>	10/7	39	1.0	17.9	2.0	1.0
Dyna-Gro	S65RY73	<b>72.9</b>	4	<b>81.0</b>	10/5	31	1.3	14.6	1.7	1.0
Asgrow	AG6834	<b>68.9</b>	2	<b>84.7</b>	10/10	37	1.3	19.2	1.7	1.0
SS	SS 6810N R2	<b>64.6</b>	8	68.1	10/9	39	2.0	14.9	1.7	1.0
Dyna-Gro	S69RY34	<b>56.8</b>	10	66.2	10/10	43	1.3	15.7	1.5	1.0
Public Variety	Musen	<b>56.2</b>	12	64.7	10/9	41	2.3	13.3	1.5	1.0
SS	6713N R2	<b>55.3</b>	5	76.1	10/8	34	1.0	16.5	1.7	1.0
Asgrow	AG6534	<b>55.1</b>	11	65.5	10/5	32	1.3	14.5	1.8	1.0
UGA	G10-3429 RR	.	3	<b>84.0</b>	10/6	35	1.0	18.7	1.7	1.0
Croplan Genetics	R2C6764	.	6	74.5	10/7	35	1.0	16.0	1.7	1.0
Dyna-Gro	SX14867R	.	7	73.0	10/7	33	1.0	16.4	1.7	1.0
Armor	67-R90	.	9	66.6	10/11	39	2.3	15.0	1.7	1.0
Armor	61-R14	.	13	63.7	10/4	27	1.0	14.1	1.7	1.0
Average		63.1		73.4 <sup>7</sup>	10/7	36	1.4	15.9	1.7	1.0
LSD at 10% Level		N.S.		6.7	1	3	N.S.	N.S.	N.S.	.
Std. Err. of Entry Mean		2.6		2.8	1	1	0.2	0.5	0.2	.
<b><u>Maturity Group VII and VIII</u></b>										
UGA	G12PR-7R2	<b>75.5</b>	26	68.0	10/12	35	1.3	19.7	1.5	1.0
AgSouth	AGS 738 RR	<b>75.2</b>	8	<b>76.8</b>	10/12	33	1.0	15.9	1.5	1.0
UGA	G08-4200RR	<b>74.6</b>	16	73.3	10/12	41	2.0	12.7	1.5	1.0
UGA	G10PR-56444R2	<b>73.0</b>	12 <sup>T</sup>	<b>75.0</b>	10/18	41	2.3	16.7	1.5	1.0
NK	S77-T7 Brand	<b>72.3</b>	1	<b>81.9</b>	10/19	41	1.7	15.4	1.5	1.0
Asgrow	AG7934	<b>71.8</b>	15	73.4	10/20	41	1.7	17.8	1.5	1.0
UGA	G10PR-224R2	<b>69.8</b>	9	<b>76.7</b>	10/11	39	1.3	16.4	1.5	1.0
AgSouth	AGS Woodruff	<b>69.5</b>	37	64.4	10/19	39	2.0	18.5	1.5	1.0
UGA	G12PR-63R2	<b>68.4</b>	4	<b>78.5</b>	10/12	43	2.3	16.0	1.5	1.0
SS	SS 7511N R2	<b>68.4</b>	13	<b>74.9</b>	10/17	34	2.0	18.5	1.5	1.0
UGA	G10PR-86R2	<b>68.2</b>	19 <sup>T</sup>	71.7	10/14	42	2.7	17.8	1.5	1.0
UGA	G12PR-54R2	<b>67.9</b>	3	<b>79.3</b>	10/18	43	2.0	18.4	1.5	1.0
Public Variety	Santee	<b>67.7</b>	23	68.4	10/12	43	2.0	17.1	1.5	1.0
Dyna-Gro	34RY75	<b>67.6</b>	7	<b>77.0</b>	10/19	38	2.0	16.2	1.5	1.0
UGA	G10PR-56264R2	<b>65.6</b>	39	64.2	10/12	41	1.0	15.5	1.5	1.0

**Tifton, Georgia:**  
**Soybean Variety Performance, 2014, Irrigated (Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group VII and VIII - continued</b>										
USG	77S40R2	<b>65.0</b>	14	74.2	10/12	35	1.0	17.9	1.5	1.0
UGA	G08-3279RR	<b>64.6</b>	34	65.0	10/20	35	1.0	18.4	1.5	1.0
NK	S74-M3 Brand	<b>63.7</b>	17 <sup>T</sup>	73.0	10/13	36	1.3	18.6	1.5	1.0
Public Variety	Motte	<b>63.1</b>	31	65.5	10/19	43	3.3	16.8	1.5	1.0
AgSouth	AGS 828 RR	<b>63.0</b>	6	<b>77.7</b>	10/13	37	2.7	15.1	1.5	1.0
SC	SC03-062	<b>62.2</b>	50	55.9	10/20	29	1.0	17.5	1.8	1.0
AgSouth	AGS 787 RR	<b>62.1</b>	45	58.9	10/19	36	1.0	17.7	1.5	1.0
Dyna-Gro	S74RY15	<b>62.1</b>	47	58.5	10/19	29	1.0	17.8	1.8	1.0
AgSouth	AGS Prichard RR	<b>60.8</b>	36	64.5	10/21	45	2.7	14.2	1.5	1.0
USG	77S63R	<b>60.5</b>	44	59.0	10/18	31	1.0	16.6	1.8	1.0
USG	77S13R	<b>60.4</b>	40	64.1	10/18	37	1.3	17.9	1.7	1.0
SC	SC07-108	<b>59.3</b>	12 <sup>T</sup>	<b>75.0</b>	10/19	41	2.7	15.2	1.5	1.0
SC	SC04-306	<b>59.2</b>	28	66.4	10/19	37	1.7	15.0	1.5	1.0
Bayer	HBK RY7523	<b>58.3</b>	48	57.1	10/20	29	1.0	16.9	1.7	1.0
Public Variety	Cook	<b>57.5</b>	43	60.0	10/21	43	3.0	18.0	1.5	1.0
UGA	G11PR-209R2	.	2	<b>80.2</b>	10/19	39	2.3	15.7	1.5	1.0
Armor	AX4770	.	5	<b>78.3</b>	10/19	40	1.7	16.3	1.5	1.0
UGA	G11PR-56238R2	.	10	<b>76.4</b>	10/14	42	1.7	16.6	1.5	1.0
Dyna-Gro	S77RY85	.	11	<b>75.6</b>	10/20	37	2.0	16.8	1.5	1.0
Asgrow	AG7535	.	17 <sup>T</sup>	73.0	10/19	33	1.3	18.7	2.0	1.0
SC	SC04-375	.	18	72.8	10/15	36	1.0	18.7	1.5	1.0
SC	SC04-386RR	.	19 <sup>T</sup>	71.7	10/20	45	1.3	15.9	1.5	1.0
SC	SC07-676RR	.	20	70.4	10/21	40	2.3	15.8	1.7	1.0
UGA	G11PR-56151R2	.	21	70.0	10/14	39	1.0	18.5	1.5	1.0
UGA	G11PR-418R2	.	22	68.9	10/11	39	1.7	17.0	1.5	1.0
UGA	G10PR-3954R2	.	24	68.3	10/14	42	1.0	16.0	1.5	1.0
SC	SC07-1490RR	.	25	68.2	10/21	45	3.0	16.1	1.5	1.0
UGA	G10-3913R2	.	27	66.9	10/12	41	1.3	19.2	1.7	1.0
SC	SC06-301RR	.	29	66.2	10/13	39	1.7	15.0	1.5	1.0
Dyna-Gro	S79RY05	.	30	65.6	10/21	46	1.7	19.0	1.7	1.0
SC	SC07-786RR	.	32	65.2	10/18	45	1.3	16.3	1.5	1.0
UGA	G10-3833 RR	.	33 <sup>T</sup>	65.1	10/18	41	1.7	13.9	1.5	1.0
UGA	G11PR-407R2	.	33 <sup>T</sup>	65.1	10/14	45	1.7	15.9	1.5	1.0
SC	SC07-1518RR	.	35	64.6	10/22	43	2.0	16.8	1.5	1.0
Terral-REV®	73R74™	.	38	64.3	10/13	39	2.7	17.0	1.5	1.0
UGA	G11PR-56158R2	.	41	61.6	10/15	41	2.7	19.5	1.5	1.0
Armor	AX4700	.	42	60.5	10/14	36	1.0	17.2	1.5	1.0
USG	78S04R	.	46	58.8	10/20	44	1.7	18.6	1.8	1.0
Croplan Genetics	R2C7094	.	49	57.0	10/13	37	1.7	17.6	1.5	1.0
Armor	AX4750	.	51	50.4	10/20	29	1.0	17.3	1.8	1.0
Average		65.9		68.4 <sup>b</sup>	10/16	39	1.7	16.9	1.6	1.0
LSD at 10% Level		N.S.		7.0	N.S.	N.S.	0.8	N.S.	N.S.	.
Std. Err. of Entry Mean		2.4		3.0	1	1	0.3	0.5	0.1	.

## Tifton, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

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1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 12.8% and df for EMS = 98.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 6.6% and df for EMS = 24.
8. CV = 7.5% and df for EMS = 108.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: Maturity Group V and VI - May 23, 2014.

Maturity Group VII and VIII - May 22, 2014.

Harvested: Maturity Group V - October 10, 2014.

Maturity Group VI - October 16, 2014.

Maturity Group VII and VIII - October 27, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: Maturity Group V and VI: P = Very High, K = Medium, and pH = 6.0.

Maturity Group VII and VIII: P = High, K = Medium, and pH = 6.1.

Fertilization: 0 lb N, 0 lb P<sub>2</sub>O<sub>5</sub>, and 120 lb K<sub>2</sub>O/acre.

Previous Crop: Corn.

Management: Disked, subsoiled, bedded, rototilled; Prowl (incorporated), Dual Magnum, Select, Basagran, Classic, Ultra Blazer, and Reflex used for weed control; Tracer and Bifenthrin used for insect control; Telone II used for nematode control; Domark used for fungal control; irrigated 12 inches.

Test conducted by A. Coy, B. Brooke, D. Dunn, and B. McCranie.

## Plains, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b><u>Maturity Group V</u></b>										
SS	5711N R2	<b>72.8</b>	1	<b>62.7</b>	10/9	32	1.3	.	.	1.0
AR	UA 5612	<b>69.9</b>	6	<b>59.2</b>	10/7	37	2.7	.	.	1.0
SS	5911N R2	<b>69.3</b>	2	<b>60.9</b>	10/13	27	1.0	.	.	1.0
Pioneer	95Y70	<b>68.4</b>	8	<b>58.6</b>	10/11	40	3.7	.	.	1.0
SS	5513N R2	<b>68.3</b>	4	<b>59.6</b>	10/7	36	1.3	.	.	1.0
Bayer	HBK LL4950	<b>67.1</b>	5	<b>59.3</b>	10/8	43	2.0	.	.	1.0
AgSouth	AGS 568RR	65.9	25	52.1	10/9	29	1.0	.	.	1.0
Terral-REV®	56R63™	65.8	24 <sup>T</sup>	52.5	10/9	38	3.7	.	.	1.0
AgSouth	AGS 533 LL	65.1	21	53.8	10/8	39	1.3	.	.	1.0
SS	SS 5511N R2	64.9	15	55.2	10/6	33	1.0	.	.	1.0
US Seeds	Halo 5:45	64.3	16	55.1	10/9	33	1.0	.	.	1.0
Armor	55-R22	64.1	14 <sup>T</sup>	56.1	10/7	35	1.7	.	.	1.0
Armor	53-R16	64.0	13	56.5	10/6	32	1.0	.	.	1.0
US Seeds	Halo 5:01	63.9	27	51.7	10/6	40	1.7	.	.	1.0
Public Variety	Ozark	63.8	22	53.3	10/7	28	1.0	.	.	1.0
US Seeds	Halo 5:26	63.4	7 <sup>T</sup>	<b>59.1</b>	10/5	29	1.0	.	.	1.0
Bayer	HBK RY5421	62.7	29	50.7	10/5	34	1.7	.	.	1.0
Pioneer	95Y71	62.3	34	50.0	10/8	35	2.0	.	.	1.0
Public Variety	Osage	60.8	23 <sup>T</sup>	53.0	10/9	28	1.3	.	.	1.0
SS	LL 595N	60.0	32	50.3	10/7	32	1.3	.	.	1.0
Terral-REV®	57R21™	59.8	41	46.6	10/9	41	3.3	.	.	1.0
NK	S52-Y2 Brand	59.1	24 <sup>T</sup>	52.5	10/3	35	1.7	.	.	1.0
Bayer	HBK RY5221	41.0	44	38.2	10/2	42	3.3	.	.	1.0
Asgrow	AG5935	.	3	<b>59.9</b>	10/13	35	1.3	.	.	1.0
Dyna-Gro	39RY57	.	7 <sup>T</sup>	<b>59.1</b>	10/11	35	1.7	.	.	1.0
Armor	AX4520	.	9	57.8	10/5	33	1.0	.	.	1.0
Dyna-Gro	556RY84	.	10	57.7	10/8	39	1.3	.	.	1.0
NK	S59-V9 Brand	.	11	56.8	10/10	31	1.0	.	.	1.0
Asgrow	AG5535	.	12	56.7	10/5	33	1.0	.	.	1.0
Armor	AX4490	.	14 <sup>T</sup>	56.1	10/2	35	1.7	.	.	1.0
AR	UA 5213C	.	17	55.0	9/29	31	1.0	.	.	1.0
NK	S55-Q3 Brand	.	18	54.6	10/5	38	1.3	.	.	1.0
US Seeds	Halo X452	.	19 <sup>T</sup>	54.2	10/10	37	2.0	.	.	1.0
Bayer	HBK LL4953	.	19 <sup>T</sup>	54.2	10/8	35	1.0	.	.	1.0
Armor	AX4550	.	20	53.9	10/7	35	1.0	.	.	1.0
US Seeds	Halo X451	.	23 <sup>T</sup>	53.0	10/9	33	1.0	.	.	1.0
Terral-REV®	55R53™	.	26	51.8	10/10	30	1.3	.	.	1.0
Pioneer	P54T94R	.	28	51.4	10/9	29	1.0	.	.	1.0
US Seeds	HALO 4:94	.	30	50.6	10/5	35	1.0	.	.	1.0
US Seeds	HALO 5:25	.	31	50.5	10/6	26	1.0	.	.	1.0
US Seeds	Halo 4:95	.	33	50.1	9/27	35	1.0	.	.	1.0
Armor	51-R50	.	35 <sup>T</sup>	49.5	10/1	35	1.3	.	.	1.0
Armor	49-R56	.	35 <sup>T</sup>	49.5	9/30	32	1.0	.	.	1.0
Pioneer	P52T86R	.	36	48.3	10/4	35	1.0	.	.	1.0
US Seeds	Halo 4:97	.	37	47.9	10/3	37	1.7	.	.	1.0
GoSoy	5911LL	.	38	47.7	10/6	32	1.0	.	.	1.0

**Plains, Georgia:  
Soybean Variety Performance, 2014, Irrigated  
(Continued)**

Company or Brand Name	Variety	2-Year	2014 Data							
		Average Yield bu/acre	Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b><u>Maturity Group V - continued</u></b>										
US Seeds	Halo X449	.	39	47.5	9/30	36	1.7	.	.	1.0
Bayer	HBK LL4850	.	40	47.2	10/1	33	1.0	.	.	1.0
Armor	50-R44	.	42	46.4	9/29	39	2.0	.	.	1.0
AR	R05-374	.	43	45.6	10/7	37	2.3	.	.	1.0
Average		63.8		53.2 <sup>4</sup>	10/6	34	1.5	.	.	1.0
LSD at 10% Level		6.7		4.6	4	3	0.6	.	.	.
Std. Err. of Entry Mean		1.5		2.0	1	1	0.2	.	.	.
<b><u>Maturity Group VI</u></b>										
Dyna-Gro	S65RY73	<b>77.4</b>	3	<b>70.4</b>	10/20	32	1.7	.	.	1.0
Asgrow	AG6834	<b>74.2</b>	7	67.1	10/22	38	1.0	.	.	1.0
NK	S67-R6 Brand	<b>74.1</b>	8	67.0	10/19	39	1.7	.	.	1.0
SS	SS 6810N R2	<b>72.8</b>	2	<b>70.7</b>	10/21	37	2.0	.	.	1.0
SS	6713N R2	<b>72.0</b>	4	<b>68.5</b>	10/17	33	1.3	.	.	1.0
Public Variety	Musen	<b>69.6</b>	11	62.4	10/21	37	2.3	.	.	1.0
Dyna-Gro	S69RY34	<b>69.5</b>	5	<b>68.3</b>	10/20	42	2.3	.	.	1.0
Asgrow	AG6534	<b>64.0</b>	13	56.9	10/17	30	1.0	.	.	1.0
Armor	67-R90	.	1	<b>74.1</b>	10/21	39	2.7	.	.	1.0
Croplan Genetics	R2C6764	.	6	67.8	10/18	32	1.0	.	.	1.0
Dyna-Gro	SX14867R	.	9	65.1	10/18	34	1.0	.	.	1.0
Armor	61-R14	.	10	62.5	10/16	27	1.0	.	.	1.0
UGA	G10-3429 RR	.	12	59.1	10/18	35	1.3	.	.	1.0
Average		71.7		66.1 <sup>5</sup>	10/21	35	1.6	.	.	1.0
LSD at 10% Level		N.S. <sup>6</sup>		6.2	N.S.	4	0.6	.	.	.
Std. Err. of Entry Mean		1.6		2.5	2	2	0.3	.	.	.
<b><u>Maturity Group VII and VIII</u></b>										
NK	S74-M3 Brand	<b>77.9</b>	2	<b>69.5</b>	10/18	34	1.0	.	.	1.0
UGA	G10PR-224R2	<b>75.1</b>	5	67.1	10/16	41	2.0	.	.	1.0
NK	S77-T7 Brand	<b>74.3</b>	14	63.2	10/19	38	2.0	.	.	1.0
Dyna-Gro	34RY75	<b>74.2</b>	4	67.3	10/19	39	2.0	.	.	1.0
Asgrow	AG7934	<b>74.1</b>	8	66.3	10/21	38	2.3	.	.	1.0
UGA	G10PR-56444R2	<b>73.6</b>	13 <sup>T</sup>	64.8	10/18	41	2.3	.	.	1.0
SC	SC04-306	<b>73.2</b>	9	66.0	10/21	39	2.0	.	.	1.0
USG	77S40R2	<b>72.3</b>	10	65.2	10/17	35	1.0	.	.	1.0
AgSouth	AGS 738 RR	71.7	17	62.8	10/17	33	2.3	.	.	1.0
AgSouth	AGS 828 RR	71.5	28 <sup>T</sup>	59.8	10/16	41	2.7	.	.	1.0
SC	SC03-062	70.8	7	66.7	10/26	40	3.0	.	.	1.0
UGA	G12PR-54R2	70.6	15 <sup>T</sup>	63.1	10/19	41	2.0	.	.	1.0
UGA	G10PR-86R2	70.5	36	57.6	10/17	45	3.0	.	.	1.0
SS	SS 7511N R2	70.4	31	59.2	10/19	38	1.7	.	.	1.0
UGA	G08-4200RR	70.3	11	65.1	10/20	39	3.3	.	.	1.0

**Plains, Georgia:  
Soybean Variety Performance, 2014, Irrigated  
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group VII and VIII - continued</b>										
UGA	G12PR-63R2	70.2	20	62.1	10/17	41	1.3	.	.	1.0
USG	77S63R	69.5	19	62.2	10/19	31	1.0	.	.	1.0
Public Variety	Santee	69.3	29	59.7	10/17	43	2.7	.	.	1.0
SC	SC07-108	69.3	34	58.3	10/25	39	2.0	.	.	1.0
UGA	G12PR-7R2	69.2	23	61.1	10/18	38	2.3	.	.	1.0
UGA	G10PR-56264R2	67.9	43 <sup>T</sup>	54.4	10/19	40	1.3	.	.	1.0
UGA	G08-3279RR	67.8	27	60.1	10/25	45	2.7	.	.	1.0
Dyna-Gro	S74RY15	67.3	22	61.3	10/20	31	1.0	.	.	1.0
AgSouth	AGS Woodruff	67.3	44 <sup>T</sup>	54.2	10/25	36	2.0	.	.	1.0
AgSouth	AGS 787 RR	67.2	35	58.1	10/25	35	1.7	.	.	1.0
Public Variety	Motte	66.8	32	58.5	10/17	43	3.3	.	.	1.0
USG	77S13R	64.1	38	57.2	10/17	42	1.7	.	.	1.0
Public Variety	Cook	64.0	45	53.5	10/19	43	2.7	.	.	1.0
AgSouth	AGS Prichard RR	62.7	44 <sup>T</sup>	54.2	10/26	41	3.3	.	.	1.0
Bayer	HBK RY7523	61.4	39 <sup>T</sup>	56.5	10/21	31	1.0	.	.	1.0
Armor	AX4770	.	1	<b>74.3</b>	10/25	34	2.3	.	.	1.0
Dyna-Gro	S77RY85	.	3	68.0	10/18	34	2.0	.	.	1.0
SC	SC04-375	.	6	67.0	10/19	40	1.7	.	.	1.0
Asgrow	AG7535	.	12	64.9	10/16	36	1.3	.	.	1.0
UGA	G11PR-209R2	.	13 <sup>T</sup>	64.8	10/16	37	3.0	.	.	1.0
SC	SC06-301RR	.	15 <sup>T</sup>	63.1	10/25	38	2.7	.	.	1.0
UGA	G11PR-407R2	.	16	63.0	10/22	41	3.3	.	.	1.0
UGA	G10-3833 RR	.	18	62.6	10/18	41	2.0	.	.	1.0
UGA	G10-3913R2	.	21	61.6	10/19	40	2.0	.	.	1.0
Armor	AX4750	.	24	61.0	10/19	31	1.0	.	.	1.0
UGA	G11PR-418R2	.	25	60.7	10/18	40	1.3	.	.	1.0
UGA	G11PR-56238R2	.	26	60.4	10/18	40	2.3	.	.	1.0
Croplan Genetics	R2C7094	.	28 <sup>T</sup>	59.8	10/17	41	2.0	.	.	1.0
UGA	G11PR-56151R2	.	30 <sup>T</sup>	59.3	10/17	41	1.3	.	.	1.0
USG	78S04R	.	30 <sup>T</sup>	59.3	10/25	41	2.7	.	.	1.0
SC	SC04-386RR	.	33	58.4	10/25	37	1.3	.	.	1.0
UGA	G11PR-56158R2	.	37	57.3	10/15	44	2.0	.	.	1.0
UGA	G10PR-3954R2	.	39 <sup>T</sup>	56.5	10/17	37	1.3	.	.	1.0
Terral-REV <sub>3</sub>	73R74	.	40	56.4	10/19	37	3.0	.	.	1.0
SC	SC07-786RR	.	41	55.9	10/25	44	2.7	.	.	1.0
Dyna-Gro	S79RY05	.	42 <sup>T</sup>	55.4	10/19	43	2.3	.	.	1.0
SC	SC07-676RR	.	42 <sup>T</sup>	55.4	10/24	37	1.3	.	.	1.0
Armor	AX4700	.	43 <sup>T</sup>	54.4	10/16	40	1.7	.	.	1.0
SC	SC07-1518RR	.	46	51.6	10/27	39	1.7	.	.	1.0
SC	SC07-1490RR	.	47	51.2	10/20	45	2.7	.	.	1.0
Average		69.8		60.7 <sup>7</sup>	10/19	39	2.1	.	.	1.0
LSD at 10% Level		5.7		5.8	1	7	0.7	.	.	.
Std. Err. of Entry Mean		1.7		2.5	1	2	0.3	.	.	.

## Plains, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

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1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
4. CV = 6.4% and df for EMS = 98.
5. CV = 6.7% and df for EMS = 24.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 7.1% and df for EMS = 108.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: June 5, 2014.

Harvested: Maturity Group V and VI - October 23, 2014  
Maturity Groups VII & VIII - November 3, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Low, K = Medium, and pH = 6.7.

Fertilization: 23 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 57 lb K<sub>2</sub>O/acre.

Previous Crop: Wheat.

Management: Disked, chisel plowed, and bedded; Acumen, Valor, and Blazer used for weed control; irrigated 5.5 inches.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie.

## Plains, Georgia: Late-Planted Soybean Variety Performance, 2014, Irrigated

		2014 Data							
Company or Brand Name	Variety	Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group VII and VIII</b>									
Dyna-Gro	S77RY85	1	<b>70.3</b>	10/26	29	2.3	.	.	1.0
UGA	G10PR-56444R2	2	<b>68.6</b>	10/25	38	2.7	.	.	1.0
Public Variety	Motte	3	<b>66.7</b>	10/24	37	3.0	.	.	1.0
UGA	G11PR-209R2	4	<b>66.3</b>	10/16	37	2.0	.	.	1.0
Asgrow	AG7535	5	<b>65.9</b>	10/25	31	1.7	.	.	1.0
Armor	AX4770	6	<b>65.5</b>	10/24	30	1.7	.	.	1.0
USG	78S04R	7	<b>65.2</b>	10/27	36	2.7	.	.	1.0
SC	SC03-062	8	<b>65.0</b>	10/27	34	2.3	.	.	1.0
SC	SC07-108	9	<b>64.2</b>	10/29	35	2.3	.	.	1.0
UGA	G11PR-56238R2	10 <sup>T</sup>	63.5	10/17	35	1.7	.	.	1.0
UGA	G10PR-224R2	10 <sup>T</sup>	63.5	10/17	34	2.0	.	.	1.0
UGA	G10-3913R2	11	63.2	10/21	35	1.3	.	.	1.0
Public Variety	Santee	12	62.3	10/21	35	1.7	.	.	1.0
UGA	G08-4200RR	13	62.2	10/25	37	2.7	.	.	1.0
UGA	G11PR-407R2	14	62.1	10/25	36	2.3	.	.	1.0
UGA	G10-3833 RR	15	62.0	10/23	34	1.0	.	.	1.0
Asgrow	AG7934	16	61.5	10/27	32	2.0	.	.	1.0
USG	77S13R	17	61.2	10/17	36	1.7	.	.	1.0
UGA	G10PR-86R2	18	60.8	10/22	36	2.0	.	.	1.0
USG	77S40R2	19 <sup>T</sup>	60.5	10/16	29	1.0	.	.	1.0
Dyna-Gro	S74RY15	19 <sup>T</sup>	60.5	10/19	27	1.3	.	.	1.0
NK	S74-M3 Brand	20	60.4	10/16	29	1.0	.	.	1.0
SC	SC04-306	21	60.3	10/26	32	1.3	.	.	1.0
AgSouth	AGS 738 RR	20 <sup>T</sup>	60.1	10/15	32	1.7	.	.	1.0
NK	S77-T7 Brand	20 <sup>T</sup>	60.1	10/23	34	2.3	.	.	1.0
UGA	G08-3279RR	20 <sup>T</sup>	60.1	10/28	38	2.7	.	.	1.0
UGA	G12PR-63R2	20 <sup>T</sup>	60.1	10/17	37	1.7	.	.	1.0
UGA	G12PR-7R2	21	60.0	10/17	37	2.3	.	.	1.0
AgSouth	AGS 828 RR	22 <sup>T</sup>	58.9	10/25	35	2.0	.	.	1.0
UGA	G12PR-54R2	22 <sup>T</sup>	58.9	10/23	36	2.0	.	.	1.0
Dyna-Gro	34RY75	23	58.8	10/25	34	2.0	.	.	1.0
SC	SC04-375	24	58.6	10/17	31	1.0	.	.	1.0
Croplan Genetics	R2C7094	25	58.5	10/16	36	1.0	.	.	1.0
SC	SC04-386RR	26	57.8	10/29	31	1.7	.	.	1.0
UGA	G11PR-56151R2	27	57.3	10/17	37	1.3	.	.	1.0
AgSouth	AGS 787 RR	28 <sup>T</sup>	57.2	10/16	33	1.0	.	.	1.0
SC	SC06-301RR	28 <sup>T</sup>	57.2	10/28	29	1.7	.	.	1.0
SS	SS 7511N R2	29 <sup>T</sup>	56.7	10/24	32	1.7	.	.	1.0
UGA	G10PR-3954R2	29 <sup>T</sup>	56.7	10/24	32	1.0	.	.	1.0
UGA	G11PR-56158R2	30	56.3	10/21	37	2.7	.	.	1.0
Dyna-Gro	S79RY05	31 <sup>T</sup>	56.2	10/26	35	2.0	.	.	1.0
SC	SC07-1490RR	31 <sup>T</sup>	56.2	10/25	40	2.3	.	.	1.0
SC	SC07-786RR	32	56.0	10/28	37	2.3	.	.	1.0
Bayer	HBK RY7523	33	55.8	10/24	26	1.0	.	.	1.0
UGA	G11PR-418R2	34	55.0	10/17	35	1.7	.	.	1.0

**Plains, Georgia:  
Late-Planted Soybean Variety Performance, 2014, Irrigated  
(Continued)**

Company or Brand Name	Variety	2014 Data							
		Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group VII and VIII - continued</b>									
Terral-REV®	73R74™	35	54.7	10/16	37	2.0	.	.	1.0
SC	SC07-1518RR	36	54.3	10/31	38	2.0	.	.	1.0
UGA	G10PR-56264R2	37	52.7	10/16	32	1.3	.	.	1.0
AgSouth	AGS Woodruff	38 <sup>T</sup>	52.5	10/27	31	2.0	.	.	1.0
USG	77S63R	38 <sup>T</sup>	52.5	10/23	28	1.3	.	.	1.0
Armor	AX4700	39	51.2	10/16	33	1.3	.	.	1.0
AgSouth	AGS Prichard RR	40	48.6	10/28	35	2.3	.	.	1.0
SC	SC07-676RR	41	45.3	10/27	30	1.0	.	.	1.0
Armor	AX4750	42	45.2	10/16	24	1.3	.	.	1.0
Public Variety	Cook	43	44.8	10/25	35	1.7	.	.	1.0
Average			58.8 <sup>4</sup>	10/20	34	1.8	.	.	1.0
LSD at 10% Level			6.4	2	3	0.8	.	.	.
Std. Err. of Entry Mean			2.7	1	1	0.3	.	.	.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
4. CV = 8.1% and df for EMS = 108.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: June 23, 2014.

Harvested: November 2, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Low, K = Medium, and pH = 6.7.

Fertilization: 23 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 57 lb K<sub>2</sub>O/acre.

Previous Crop: Wheat.

Management: Disked, chisel plowed and bedded; Acumen, Valor, Prowl, and Reflex used for weed control; irrigated 2.8 inches.

Test conducted by A. Coy, D. Pearce, W. Jones, R. Brooke, D. Dunn, and B. McCranie

## Midville, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group V</b>										
Pioneer	95Y71	<b>64.9</b>	1	<b>73.8</b>	10/6	38	1.7	.	.	1.0
NK	S52-Y2 Brand	<b>63.7</b>	3	<b>69.9</b>	10/3	40	1.0	.	.	1.0
SS	LL 595N	<b>59.7</b>	8	<b>67.6</b>	10/4	39	1.3	.	.	1.0
Bayer	HBK LL4950	<b>59.6</b>	16 <sup>T</sup>	65.1	10/2	48	1.7	.	.	1.0
US Seeds	Halo 5:45	<b>59.5</b>	23 <sup>T</sup>	62.1	10/6	39	1.7	.	.	1.0
US Seeds	Halo 5:01	58.8	20 <sup>T</sup>	63.6	10/2	47	2.3	.	.	1.0
SS	5513N R2	58.7	15	65.2	10/3	43	2.3	.	.	1.0
AgSouth	AGS 533 LL	58.6	10 <sup>T</sup>	66.9	10/2	45	2.0	.	.	1.0
SS	SS 5511N R2	58.5	19 <sup>T</sup>	63.7	10/2	41	1.3	.	.	1.0
Pioneer	95Y70	58.4	18	64.3	10/6	49	3.3	.	.	1.0
Public Variety	Osage	57.3	13 <sup>T</sup>	66.0	10/5	32	1.0	.	.	1.0
SS	5711N R2	56.7	7	<b>67.9</b>	10/4	41	2.3	.	.	1.0
AgSouth	AGS 568RR	55.7	24	61.4	10/4	39	1.0	.	.	1.0
Armor	55-R22	55.6	12	66.3	10/2	43	2.3	.	.	1.0
Terral-REV®	57R21™	55.6	29	59.3	10/4	47	2.7	.	.	1.0
Bayer	HBK RY5421	54.0	36	55.9	10/2	34	2.0	.	.	1.0
Public Variety	Ozark	53.8	33	58.6	10/3	37	2.3	.	.	1.0
Terral-REV®	56R63™	53.7	37	55.7	10/5	44	3.2	.	.	1.0
Armor	53-R16	53.3	27 <sup>T</sup>	60.7	10/3	38	1.3	.	.	1.0
AR	UA 5612	53.2	31	58.9	10/4	41	3.0	.	.	1.0
US Seeds	Halo 5:26	52.3	34	57.5	10/1	38	1.7	.	.	1.0
Bayer	HBK RY5221	50.7	38	55.6	9/30	48	2.0	.	.	1.0
SS	5911N R2	48.1	40	54.0	10/9	36	2.3	.	.	1.0
Asgrow	AG5935	.	2	<b>73.5</b>	10/12	38	2.0	.	.	1.0
Pioneer	P54T94R	.	4	<b>69.1</b>	10/5	35	1.7	.	.	1.0
Dyna-Gro	39RY57	.	5	<b>68.6</b>	10/5	43	3.3	.	.	1.0
US Seeds	HALO 5:25	.	6 <sup>T</sup>	<b>68.1</b>	10/5	35	1.3	.	.	1.0
Armor	49-R56	.	6 <sup>T</sup>	<b>68.1</b>	10/5	37	1.0	.	.	1.0
US Seeds	Halo X451	.	9	<b>67.1</b>	10/2	39	1.0	.	.	1.0
Armor	AX4520	.	10 <sup>T</sup>	66.9	10/2	39	2.0	.	.	1.0
GoSoy	5911LL	.	11	66.7	10/6	40	1.0	.	.	1.0
Bayer	HBK LL4953	.	13 <sup>T</sup>	66.0	9/30	41	2.3	.	.	1.0
Pioneer	P52T86R	.	14	65.4	10/2	41	1.7	.	.	1.0
Bayer	HBK LL4850	.	16 <sup>T</sup>	65.1	9/29	39	1.0	.	.	1.0
Dyna-Gro	556RY84	.	17	64.8	10/3	44	2.3	.	.	1.0
Armor	AX4550	.	19 <sup>T</sup>	63.7	10/4	43	2.3	.	.	1.0
NK	S59-V9 Brand	.	20 <sup>T</sup>	63.6	10/6	39	2.0	.	.	1.0
US Seeds	Halo 4:95	.	21	63.5	9/28	36	1.0	.	.	1.0
Asgrow	AG5535	.	22	62.7	10/4	35	1.7	.	.	1.0
Terral-REV®	55R53™	.	23 <sup>T</sup>	62.1	10/5	33	1.0	.	.	1.0

## Midville, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b><u>Maturity Group V - continued</u></b>										
AR	R05-374	.	25	61.2	10/2	40	3.3	.	.	1.0
NK	S55-Q3 Brand	.	26	61.1	10/2	41	3.7	.	.	1.0
US Seeds	Halo X452	.	27 <sup>T</sup>	60.7	10/2	42	2.3	.	.	1.0
Armor	51-R50	.	28	60.2	10/3	36	2.0	.	.	1.0
US Seeds	HALO 4:94	.	30	59.0	10/1	41	1.7	.	.	1.0
US Seeds	Halo X449	.	32 <sup>T</sup>	58.7	9/29	46	2.0	.	.	1.0
US Seeds	Halo 4:97	.	32 <sup>T</sup>	58.7	10/2	45	2.3	.	.	1.0
Armor	AX4490	.	32 <sup>T</sup>	58.7	9/30	40	1.3	.	.	1.0
Armor	50-R44	.	35	56.3	9/28	44	1.3	.	.	1.0
AR	UA 5213C	.	39	54.4	10/1	34	3.0	.	.	1.0
Average		56.5		63.1 <sup>4</sup>	10/3	40	2.0	.	.	1.0
LSD at 10% Level		6.0		6.7	2	4	0.9	.	.	.
Std. Err. of Entry Mean		1.6		2.8	1	2	0.4	.	.	.
<b><u>Maturity Group VI</u></b>										
NK	S67-R6 Brand	<b>62.9</b>	2	<b>67.2</b>	10/15	43	2.3	.	.	1.0
Asgrow	AG6834	<b>62.0</b>	4	<b>65.1</b>	10/16	41	1.7	.	.	1.0
SS	6713N R2	<b>61.3</b>	3	<b>66.8</b>	10/16	38	1.7	.	.	1.0
SS	SS 6810N R2	<b>58.8</b>	5	<b>63.5</b>	10/16	42	1.7	.	.	1.0
Asgrow	AG6534	<b>57.2</b>	7	60.5	10/17	37	1.3	.	.	1.0
Dyna-Gro	S69RY34	<b>56.5</b>	11	55.8	10/15	48	2.3	.	.	1.0
Dyna-Gro	S65RY73	<b>53.3</b>	10	57.2	10/14	37	2.3	.	.	1.0
Public Variety	Musen	<b>51.1</b>	13	49.2	10/17	44	3.3	.	.	1.0
Dyna-Gro	SX14867R	.	1	<b>67.4</b>	10/15	37	1.7	.	.	1.0
Armor	67-R90	.	6	61.6	10/17	41	2.3	.	.	1.0
UGA	G10-3429 RR	.	8	60.1	10/12	39	1.7	.	.	1.0
Croplan Genetics	R2C6764	.	9	57.9	10/16	37	1.3	.	.	1.0
Armor	61-R14	.	12	52.1	10/13	37	1.7	.	.	1.0
Average		57.9		60.3 <sup>5</sup>	10/15	40	1.9	.	.	1.0
LSD at 10% Level		N.S. <sup>6</sup>		5.3	2	5	0.9	.	.	.
Std. Err. of Entry Mean		1.2		2.2	1	2	0.4	.	.	.
<b><u>Maturity Group VII and VIII</u></b>										
NK	S74-M3 Brand	<b>62.1</b>	2	66.8	10/17	38	2.0	.	.	1.0
UGA	G10PR-56444R2	<b>60.7</b>	7 <sup>T</sup>	62.3	10/17	43	3.7	.	.	1.0
UGA	G10PR-56264R2	<b>60.2</b>	8	61.9	10/17	43	2.3	.	.	1.0
USG	77S40R2	<b>60.0</b>	3	65.8	10/17	40	2.3	.	.	1.0
UGA	G12PR-63R2	<b>60.0</b>	10	61.3	10/16	44	3.0	.	.	1.0
UGA	G10PR-224R2	<b>59.2</b>	18 <sup>T</sup>	60.0	10/14	44	2.7	.	.	1.0
SC	SC03-062	<b>59.1</b>	11	61.2	10/22	47	4.2	.	.	1.0
Bayer	HBK RY7523	<b>58.2</b>	12	61.0	10/14	40	1.7	.	.	1.0
AgSouth	AGS 738 RR	<b>58.1</b>	9	61.7	10/15	39	3.0	.	.	1.0
SC	SC04-306	<b>58.0</b>	25 <sup>T</sup>	58.5	10/19	47	3.3	.	.	1.0

## Midville, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group VII and VIII - continued</b>										
SC	SC07-108	<b>57.9</b>	18 <sup>T</sup>	60.0	10/20	47	2.7	.	.	1.0
SS	SS 7511N R2	<b>57.6</b>	15	60.5	10/19	45	2.7	.	.	1.0
UGA	G10PR-86R2	<b>57.3</b>	19	59.9	10/18	45	3.7	.	.	1.0
Asgrow	AG7934	<b>57.2</b>	25 <sup>T</sup>	58.5	10/21	45	2.7	.	.	1.0
UGA	G08-4200RR	<b>56.9</b>	16 <sup>T</sup>	60.4	10/14	45	3.3	.	.	1.0
AgSouth	AGS 828 RR	<b>56.9</b>	24 <sup>T</sup>	59.0	10/17	47	4.0	.	.	1.0
Public Variety	Cook	<b>56.6</b>	26	58.2	10/15	47	3.3	.	.	1.0
USG	77S13R	<b>56.5</b>	17	60.2	10/15	50	2.7	.	.	1.0
AgSouth	AGS Woodruff	<b>56.5</b>	29	57.5	10/15	44	2.7	.	.	1.0
UGA	G12PR-7R2	56.4	22 <sup>T</sup>	59.6	10/15	44	3.0	.	.	1.0
USG	77S63R	56.4	23	59.5	10/15	41	2.0	.	.	1.0
UGA	G08-3279RR	55.8	35	56.3	10/16	48	3.3	.	.	1.0
Public Variety	Santee	55.2	30	57.4	10/15	50	3.0	.	.	1.0
Dyna-Gro	S74RY15	54.7	31	57.3	10/15	39	2.0	.	.	1.0
AgSouth	AGS 787 RR	53.7	32	57.0	10/14	45	2.3	.	.	1.0
UGA	G12PR-54R2	50.1	40	51.8	10/15	45	2.7	.	.	1.0
AgSouth	AGS Prichard RR	49.7	45	44.1	10/24	49	3.3	.	.	1.0
Public Variety	Motte	49.0	43	45.8	10/18	47	3.7	.	.	1.0
Dyna-Gro	34RY75	48.3	42	49.2	10/17	45	3.0	.	.	1.0
NK	S77-T7 Brand	46.9	46	43.5	10/17	46	4.0	.	.	1.0
Asgrow	AG7535	.	1	<b>76.2</b>	10/16	43	2.3	.	.	1.0
SC	SC04-386RR	.	4	63.6	10/21	49	2.0	.	.	1.0
SC	SC07-1518RR	.	5	63.2	10/23	49	2.7	.	.	1.0
UGA	G11PR-56238R2	.	6	63.0	10/15	44	3.7	.	.	1.0
UGA	G11PR-56151R2	.	7 <sup>T</sup>	62.3	10/17	45	2.3	.	.	1.0
SC	SC07-676RR	.	13	60.9	10/20	47	1.7	.	.	1.0
UGA	G11PR-418R2	.	14	60.6	10/15	45	2.3	.	.	1.0
UGA	G11PR-56158R2	.	16 <sup>T</sup>	60.4	10/16	49	3.0	.	.	1.0
Croplan Genetics	R2C7094	.	16 <sup>T</sup>	60.4	10/15	51	2.3	.	.	1.0
Dyna-Gro	S77RY85	.	20	59.8	10/18	44	3.3	.	.	1.0
SC	SC04-375	.	21	59.7	10/15	44	3.0	.	.	1.0
SC	SC07-1490RR	.	22 <sup>T</sup>	59.6	10/22	52	2.7	.	.	1.0
UGA	G10PR-3954R2	.	24 <sup>T</sup>	59.0	10/16	43	2.0	.	.	1.0
Armor	AX4750	.	27	57.9	10/15	42	2.3	.	.	1.0
Dyna-Gro	S79RY05	.	28	57.7	10/20	47	3.0	.	.	1.0
Armor	AX4700	.	33	56.9	10/15	48	2.3	.	.	1.0
USG	78S04R	.	34 <sup>T</sup>	56.8	10/19	48	2.7	.	.	1.0
UGA	G10-3913R2	.	34 <sup>T</sup>	56.8	10/18	49	2.3	.	.	1.0
Armor	AX4770	.	36	56.1	10/21	43	2.7	.	.	1.0
Terral-REV®	73R74™	.	37 <sup>T</sup>	55.8	10/14	47	4.0	.	.	1.0

## Midville, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality rating	Shatt. <sup>3</sup> rating
<b>Maturity Group VII and VIII - continued</b>										
UGA	G11PR-209R2	.	37 <sup>T</sup>	55.8	10/14	41	2.7	.	.	1.0
UGA	G11PR-407R2	.	38	55.6	10/15	44	2.7	.	.	1.0
UGA	G10-3833 RR	.	39	53.1	10/17	47	2.0	.	.	1.0
SC	SC06-301RR	.	41	50.4	10/17	44	2.7	.	.	1.0
SC	SC07-786RR	.	44	45.6	10/21	47	2.0	.	.	1.0
Average		56.2		58.2 <sup>7</sup>	10/17	45	2.8	.	.	1.0
LSD at 10% Level		5.6		5.0	2	3	0.9	.	.	.
Std. Err. of Entry Mean		1.3		2.1	1	1	0.4	.	.	.

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
4. CV = 7.8% and df for EMS = 98.
5. CV = 6.2% and df for EMS = 24.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 6.4% and df for EMS = 108.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: June 5, 2014.  
 Harvested: October 28, 2014.  
 Seeding Rate: Nine seeds per foot in 36" rows.  
 Soil Type: Tifton loamy sand.  
 Soil Test: P = High, K = Medium, and pH = 6.1.  
 Fertilization: 30 lb N, 0 lb P<sub>2</sub>O<sub>5</sub>, and 110 lb K<sub>2</sub>O/acre.  
 Previous Crop: Corn.  
 Management: Harrowed, field conditioned, subsoiled, and bedded; Valor, Roundup, Prowl, and Reflex used for weed control; Dimilin, Belt, Radiant, and Mustang Max used for insect control; Telone II used for nematode control; irrigated 11 inches.

Test conducted by A. Coy, R. Brooke, D. Dunn, and B. McCranie.

## Griffin, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group V</b>										
US Seeds	Halo 5:26	<b>67.9</b>	13	<b>62.7</b>	10/2	35	1.0	17.9	2.0	1.0
SS	5711N R2	<b>65.4</b>	3 <sup>T</sup>	<b>65.5</b>	10/7	37	1.5	19.2	2.3	1.0
Public Variety	Ozark	<b>64.5</b>	5	<b>65.3</b>	9/28	34	1.5	18.8	2.2	1.0
Public Variety	Osage	<b>64.4</b>	12 <sup>T</sup>	<b>62.8</b>	10/2	31	1.0	16.2	2.2	1.0
Terral-REV®	57R21™	<b>64.2</b>	1	<b>67.8</b>	10/7	48	2.3	17.0	2.0	1.0
SS	LL 595N	<b>62.5</b>	24 <sup>T</sup>	<b>58.8</b>	9/29	36	1.2	15.2	2.0	1.0
NK	S52-Y2 Brand	<b>62.4</b>	16	<b>60.2</b>	9/19	35	1.3	15.8	2.2	1.0
Armor	55-R22	<b>62.1</b>	8	<b>64.3</b>	10/7	39	1.2	20.9	1.8	1.0
SS	SS 5511N R2	<b>61.9</b>	11 <sup>T</sup>	<b>63.0</b>	9/29	38	1.2	20.3	1.7	1.0
AgSouth	AGS 533 LL	<b>61.5</b>	15 <sup>T</sup>	<b>61.1</b>	10/4	38	1.2	16.6	1.7	1.0
Pioneer	95Y71	<b>60.9</b>	10	<b>63.1</b>	9/30	41	1.3	16.6	2.0	1.0
SS	5911N R2	<b>60.7</b>	6	<b>64.7</b>	10/11	36	1.0	15.3	1.7	1.0
AR	UA 5612	<b>60.7</b>	25	58.7	10/1	38	2.7	15.7	2.5	1.0
US Seeds	Halo 5:45	<b>60.1</b>	31	57.1	10/9	36	1.0	16.2	2.2	1.0
Bayer	HBK RY5221	<b>59.5</b>	18	<b>59.8</b>	9/21	43	2.7	18.3	3.2	1.0
Pioneer	95Y70	<b>59.1</b>	4	<b>65.4</b>	10/11	48	2.2	16.5	1.5	1.0
SS	5513N R2	<b>58.6</b>	19	<b>59.7</b>	10/7	44	1.5	17.7	2.3	1.0
US Seeds	Halo 5:01	<b>58.6</b>	38	53.3	10/4	43	1.5	15.7	2.0	1.0
Bayer	HBK LL4950	<b>58.4</b>	9	<b>63.2</b>	9/28	41	1.7	15.0	1.8	1.0
AgSouth	AGS 568RR	<b>57.9</b>	27	57.7	10/7	38	1.3	18.5	2.0	1.0
Armor	53-R16	<b>57.7</b>	29	57.5	9/29	38	1.3	14.8	2.5	1.0
Bayer	HBK RY5421	<b>57.0</b>	21	<b>59.2</b>	9/28	36	1.5	16.7	1.5	1.0
Terral-REV®	56R63™	<b>54.7</b>	39	53.1	10/7	43	2.2	18.0	3.2	1.0
Pioneer	P52T86R	.	2	<b>67.3</b>	9/22	39	1.3	16.0	1.7	1.0
AR	UA 5213C	.	3 <sup>T</sup>	<b>65.5</b>	10/2	33	2.3	15.3	2.3	1.0
US Seeds	Halo X451	.	7	<b>64.5</b>	9/30	35	1.0	15.7	2.7	1.0
Armor	AX4550	.	11 <sup>T</sup>	<b>63.0</b>	10/2	43	1.8	17.8	2.0	1.0
US Seeds	HALO 5:25	.	12 <sup>T</sup>	<b>62.8</b>	10/1	30	1.0	15.8	2.0	1.0
US Seeds	Halo X452	.	14	<b>62.6</b>	10/7	38	1.8	14.7	1.7	1.0
Asgrow	AG5935	.	15 <sup>T</sup>	<b>61.1</b>	10/11	36	1.0	19.6	1.7	1.0
NK	S55-Q3 Brand	.	17	<b>60.0</b>	9/28	39	3.0	18.8	2.0	1.0
Dyna-Gro	556RY84	.	20	<b>59.5</b>	10/6	45	2.3	17.8	2.2	1.0
Armor	AX4520	.	22	<b>59.1</b>	9/24	37	2.2	17.2	2.0	1.0
Armor	49-R56	.	23	<b>58.9</b>	9/15	33	1.2	17.9	2.5	1.0
Dyna-Gro	39RY57	.	24 <sup>T</sup>	<b>58.8</b>	10/5	37	1.7	20.6	2.3	1.0
Armor	51-R50	.	26	57.8	9/22	31	1.0	17.0	2.3	1.0
Terral-REV®	55R53™	.	28	57.6	10/5	34	1.3	16.2	2.8	1.0
GoSoy	5911LL	.	30	57.3	10/8	38	1.0	15.7	2.8	1.0
NK	S59-V9 Brand	.	32	57.0	10/11	35	2.3	17.6	2.3	1.0
Bayer	HBK LL4953	.	33	55.9	10/6	34	1.2	15.3	2.0	1.0
AR	R05-374	.	34	55.7	9/22	39	1.7	15.4	3.2	1.0
US Seeds	Halo 4:97	.	35	55.3	9/22	41	1.8	13.2	1.8	1.0
Pioneer	P54T94R	.	36	55.2	10/2	36	1.0	17.4	2.8	1.0
Asgrow	AG5535	.	37	54.6	10/1	34	1.0	19.1	2.3	1.0
US Seeds	Halo X449	.	40	52.9	9/20	39	1.3	16.0	1.8	1.0

## Griffin, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group V - continued</b>										
US Seeds	HALO 4:94	.	41	52.7	9/22	36	1.0	14.3	2.0	1.0
US Seeds	Halo 4:95	.	42	50.9	9/17	35	1.3	14.7	2.7	1.0
Armor	50-R44	.	43	50.0	9/20	40	1.0	15.0	3.3	1.0
Bayer	HBK LL4850	.	44	49.6	9/19	31	1.0	15.0	2.3	1.0
Armor	AX4490	.	45	49.4	9/21	32	1.0	17.4	2.5	1.0
Average		60.9		59.2 <sup>5</sup>	9/30	38	1.5	16.8	2.2	1.0
LSD at 10% Level		N.S. <sup>6</sup>		9.0	N.S.	4	0.6	1.2	0.6	.
Std. Err. of Entry Mean		2.7		3.8	3	2	0.3	0.5	0.3	.
<b>Maturity Group VI</b>										
Asgrow	AG6534	<b>60.8</b>	11	53.9	10/18	32	1.0	15.5	2.0	1.0
SS	6713N R2	<b>59.1</b>	2	62.5	10/15	35	1.2	17.2	2.0	1.0
Dyna-Gro	S65RY73	<b>58.3</b>	5	59.3	10/12	37	1.3	15.0	1.5	1.0
SS	SS 6810N R2	<b>57.4</b>	6	58.2	10/19	38	1.5	15.4	2.0	1.0
NK	S67-R6 Brand	<b>56.0</b>	9	54.8	10/16	40	1.0	18.6	2.2	1.0
Asgrow	AG6834	<b>54.7</b>	7	57.1	10/17	40	1.2	19.0	1.7	1.0
Dyna-Gro	S69RY34	<b>52.1</b>	13	51.2	10/19	47	1.7	16.4	2.0	1.0
Public Variety	Musen	<b>48.7</b>	12	52.2	10/18	39	1.8	14.7	1.8	1.0
Armor	61-R14	.	1	<b>68.6</b>	10/11	37	1.0	14.5	1.8	1.0
Croplan Genetics	R2C6764	.	3	62.3	10/15	33	1.0	17.0	1.2	1.0
Dyna-Gro	SX14867R	.	4	61.9	10/16	36	1.2	16.4	1.7	1.0
UGA	G10-3429 RR	.	8	56.6	10/15	35	1.2	19.6	1.7	1.0
Armor	67-R90	.	10	54.5	10/19	43	1.3	15.9	2.3	1.0
Average		55.9		57.9 <sup>7</sup>	10/16	38	1.3	16.6	1.8	1.0
LSD at 10% Level		N.S.		5.5	3	3	0.5	1.0	N.S.	.
Std. Err. of Entry Mean		2.5		2.3	1	1	0.2	0.4	0.2	.

1. Yields calculated at 13% moisture.

2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).

3. Seed quality rating: Rated 1 (very good) to 5 (very poor).

4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).

5. CV = 11.2% and df for EMS = 98.

6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.

7. CV = 6.8% and df for EMS = 24.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 20, 2014.

Harvested: October 24, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Pacolet coarse sandy loam

Soil Test: P = High, K = High, and pH = 6.2.

Fertilization: 30 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 90 lb K<sub>2</sub>O/acre.

Previous Crop: Fallow.

Management: Chisel plowed, disked, and rototilled; Lasso, Classic, and one cultivation used for weed control; Karate used for insect control; Domark used for fungal control; irrigated 11.5 inches.

Test conducted by H. Jordan and G. Ware.

## Griffin, Georgia: Late-Planted Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group VII and VIII</b>										
USG	77S40R2	<b>63.2</b>	2	<b>72.3</b>	10/30	35	1.5	19.5	1.5	1.0
USG	77S63R	<b>60.9</b>	8	62.6	10/29	29	1.3	15.8	2.3	1.7
Dyna-Gro	34RY75	<b>57.5</b>	18 <sup>T</sup>	60.4	11/1	40	2.3	15.0	1.8	1.0
AgSouth	AGS Woodruff	<b>57.3</b>	3	<b>67.9</b>	11/2	39	2.7	20.1	1.7	1.0
Dyna-Gro	S74RY15	<b>56.3</b>	21	59.5	10/29	33	1.0	15.3	2.3	1.0
UGA	G10PR-56264R2	<b>55.4</b>	35 <sup>T</sup>	57.1	10/29	36	1.5	16.8	1.5	1.0
Bayer	HBK RY7523	<b>55.2</b>	13	61.5	10/27	32	1.7	15.8	2.3	1.0
SC	SC03-062	<b>55.1</b>	4	64.7	11/7	38	2.5	16.9	1.7	1.0
UGA	G08-3279RR	<b>54.5</b>	12	61.6	11/3	44	2.3	18.7	1.3	1.3
AgSouth	AGS 738 RR	<b>54.0</b>	23	59.3	10/25	34	1.8	14.7	1.3	1.3
UGA	G12PR-63R2	<b>53.7</b>	6	63.9	10/26	37	1.5	14.9	1.7	1.0
AgSouth	AGS 828 RR	<b>53.1</b>	32	57.6	10/31	34	2.0	15.2	1.5	1.0
AgSouth	AGS 787 RR	<b>53.1</b>	44	53.9	10/29	34	1.5	16.5	2.0	1.3
UGA	G10PR-86R2	<b>53.0</b>	16 <sup>T</sup>	60.9	10/29	43	2.3	17.7	1.8	1.0
Asgrow	AG7934	<b>53.0</b>	28	58.5	11/2	33	1.5	17.4	2.3	1.0
USG	77S13R	<b>52.8</b>	33	57.4	10/24	39	1.5	17.8	1.5	1.3
Public Variety	Santee	<b>52.0</b>	27	58.6	10/27	40	1.7	17.3	1.2	1.0
UGA	G10PR-56444R2	<b>51.9</b>	25	59.1	11/5	34	1.5	15.0	1.8	1.0
NK	S74-M3 Brand	<b>51.7</b>	10 <sup>T</sup>	62.0	11/1	32	1.0	18.4	1.7	1.0
Public Variety	Cook	<b>51.7</b>	39	56.1	10/29	38	2.3	19.1	1.8	1.0
NK	S77-T7 Brand	<b>51.6</b>	45	52.8	11/3	35	2.2	14.5	1.7	1.0
UGA	G10PR-224R2	<b>51.4</b>	5	64.2	10/26	39	1.8	16.3	2.0	1.0
SC	SC04-306	<b>51.2</b>	19	60.3	10/31	37	1.5	16.4	1.3	1.3
SC	SC07-108	<b>51.2</b>	24	59.2	11/7	38	1.7	16.1	1.7	1.0
SS	SS 7511N R2	<b>50.8</b>	22	59.4	10/30	34	1.5	17.9	1.2	1.0
UGA	G12PR-7R2	<b>50.6</b>	29	58.0	10/29	37	2.5	21.5	1.8	1.3
UGA	G12PR-54R2	<b>50.6</b>	40	56.0	10/25	40	1.7	15.7	1.7	1.0
AgSouth	AGS Prichard RR	<b>47.6</b>	37	56.5	11/6	38	2.5	15.1	1.5	1.0
Public Variety	Motte	<b>45.9</b>	46	46.6	11/5	40	3.8	17.0	2.3	1.0
UGA	G08-4200RR	<b>42.5</b>	41 <sup>T</sup>	55.0	11/3	42	3.5	15.8	2.0	1.0
Asgrow	AG7535	.	1	<b>74.4</b>	10/31	33	1.2	17.7	1.8	1.0
UGA	G11PR-56158R2	.	7 <sup>T</sup>	63.6	10/31	39	2.7	21.7	1.5	1.0
SC	SC07-1518RR	.	7 <sup>T</sup>	63.6	11/5	37	1.0	16.4	2.0	1.0
UGA	G11PR-56151R2	.	9	62.5	10/31	40	2.0	20.2	1.8	1.0
SC	SC07-1490RR	.	10 <sup>T</sup>	62.0	11/5	39	1.3	16.6	1.3	1.0
UGA	G11PR-407R2	.	11	61.9	11/1	38	2.3	18.3	1.3	1.0
Dyna-Gro	S79RY05	.	14	61.2	11/6	41	1.0	18.0	1.7	1.0
UGA	G10-3833 RR	.	15	61.1	11/1	35	1.2	15.4	1.7	1.0
SC	SC07-786RR	.	16 <sup>T</sup>	60.9	11/7	41	1.8	18.1	2.0	1.0
Dyna-Gro	S77RY85	.	17 <sup>T</sup>	60.6	11/1	34	1.2	14.7	1.7	1.0

**Griffin, Georgia:  
Late-Planted Soybean Variety Performance, 2014, Irrigated  
(Continued)**

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group VII and VIII - continued</b>										
SC	SC04-375	.	17 <sup>T</sup>	60.6	10/29	34	1.8	18.5	1.7	1.3
USG	78S04R	.	18 <sup>T</sup>	60.4	11/3	39	1.2	18.5	1.3	1.3
Armor	AX4750	.	20	60.2	10/26	33	1.5	15.6	2.3	1.3
SC	SC07-676RR	.	26	58.9	10/31	35	1.3	16.1	1.7	1.0
Terral-REV®	73R74™	.	30	57.9	10/26	39	2.8	15.9	1.5	1.3
Armor	AX4700	.	31	57.8	10/24	38	1.5	17.7	1.7	1.7
SC	SC06-301RR	.	34	57.2	11/5	35	1.5	15.4	1.8	1.0
Armor	AX4770	.	35 <sup>T</sup>	57.1	10/31	35	1.5	14.7	1.7	1.0
UGA	G10PR-3954R2	.	36 <sup>T</sup>	56.9	10/25	32	1.3	16.9	1.3	1.3
UGA	G11PR-56238R2	.	36 <sup>T</sup>	56.9	10/28	39	2.3	16.1	1.8	1.0
UGA	G11PR-418R2	.	38 <sup>T</sup>	56.4	10/28	40	2.3	20.1	1.3	1.0
UGA	G11PR-209R2	.	38 <sup>T</sup>	56.4	10/27	34	1.7	14.9	2.0	1.0
Croplan Genetics	R2C7094	.	41 <sup>T</sup>	55.0	10/26	34	1.7	17.8	1.7	1.0
UGA	G10-3913R2	.	42	54.7	10/25	40	1.5	19.3	1.5	1.3
SC	SC04-386RR	.	43	54.6	11/6	37	1.2	15.9	1.3	1.0
Average		53.0		59.6 <sup>5</sup>	10/31	37	1.8	17.0	1.7	1.1
LSD at 10% Level		N.S. <sup>6</sup>		7.7	2	4	0.6	1.1	0.4	N.S.
Std. Err. of Entry Mean		2.2		3.3	1	2	0.3	0.5	0.2	0.2

1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 9.5% and df for EMS = 108.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: June 24, 2014.  
Harvested: November 20, 2014.  
Seeding Rate: Eight seeds per foot in 30" rows.  
Soil Type: Cecil clay loam.  
Soil Test: P = Medium, K = Medium, and pH = 6.2.  
Fertilization: 30 lb N, 60 lb P<sub>2</sub>O<sub>5</sub>, and 90 lb K<sub>2</sub>O/acre.  
Previous Crop: Wheat.  
Management: Chisel plowed, disked, and rototilled; Lasso and one cultivation used for weed control; Lorsban and Karate used for insect control; Domark used for fungal control; irrigated 10.25 inches.

Test conducted by H. Jordan and G. Ware.

## Athens, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data						
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating
<b>Maturity Group V</b>									
NK	S52-Y2 Brand	<b>55.0</b>	2	<b>50.1</b>	9/22	33	1.0	17.1	3.0
SS	5513N R2	<b>53.2</b>	5	<b>47.5</b>	10/2	35	1.0	15.4	2.0
Terral-REV®	56R63™	<b>53.2</b>	10	44.5	10/3	36	1.0	15.6	1.7
Armor	53-R16	<b>53.0</b>	11	44.2	10/2	31	1.0	14.4	2.3
AgSouth	AGS 568RR	<b>52.6</b>	3	<b>48.4</b>	10/1	32	1.0	16.4	1.0
Bayer	HBK LL4950	<b>52.2</b>	21	40.3	10/4	32	1.0	15.5	2.7
AR	UA 5612	<b>51.3</b>	12	43.6	10/2	30	1.0	14.7	2.3
Bayer	HBK RY5421	<b>51.3</b>	16	41.3	10/1	25	1.0	15.4	1.3
Pioneer	95Y71	<b>49.6</b>	28	37.8	10/5	34	1.0	16.1	2.0
US Seeds	Halo 5:01	48.8	27	38.9	10/2	35	1.0	14.4	2.3
Pioneer	95Y70	48.3	22 <sup>T</sup>	39.6	10/10	38	1.0	15.3	1.3
US Seeds	Halo 5:45	48.3	37	34.8	10/9	28	1.0	14.8	2.0
AgSouth	AGS 533 LL	47.9	29	37.5	10/2	32	1.0	14.8	2.7
SS	SS 5511N R2	47.7	14	42.4	10/4	29	1.0	18.0	1.7
US Seeds	Halo 5:26	46.9	32	37.1	10/3	24	1.0	15.6	2.0
SS	5711N R2	46.6	26	38.6	10/5	30	1.0	16.8	2.0
Bayer	HBK RY5221	46.0	25 <sup>T</sup>	38.7	9/24	37	1.0	17.1	3.0
SS	5911N R2	46.0	30 <sup>T</sup>	37.3	10/11	30	1.0	12.4	3.3
Armor	55-R22	44.5	40 <sup>T</sup>	33.8	10/4	29	1.0	18.6	1.7
SS	LL 595N	44.2	33	36.5	10/5	29	1.0	14.6	2.0
Terral-REV®	57R21™	43.6	34	35.4	10/4	39	1.0	15.3	2.3
Public Variety	Ozark	42.3	42	32.2	9/30	22	1.0	16.0	1.7
Public Variety	Osage	42.3	44	31.0	10/1	23	1.0	13.4	1.7
Armor	49-R56	.	1	<b>52.8</b>	9/29	31	1.0	19.0	2.3
US Seeds	Halo X449	.	4	<b>47.8</b>	9/29	35	1.0	17.7	2.0
Armor	AX4550	.	6	<b>47.0</b>	10/3	33	1.0	15.3	1.7
Dyna-Gro	556RY84	.	7 <sup>T</sup>	46.7	10/3	33	1.0	15.2	1.3
Armor	AX4490	.	7 <sup>T</sup>	45.7	9/22	32	1.0	18.2	2.7
Armor	50-R44	.	8 <sup>T</sup>	45.3	9/24	36	1.0	16.5	3.7
Terral-REV®	55R53™	.	8 <sup>T</sup>	45.3	10/7	31	1.0	15.3	3.0
AR	UA 5213C	.	9	44.7	9/27	26	1.0	14.1	2.0
NK	S55-Q3 Brand	.	13	43.4	10/1	31	1.0	16.9	2.3
Pioneer	P54T94R	.	15	42.3	10/2	26	1.0	15.0	2.3
Pioneer	P52T86R	.	17	41.2	9/25	33	1.0	15.1	1.3
Armor	51-R50	.	18	40.9	9/24	29	1.0	18.3	3.7
Bayer	HBK LL4953	.	19	40.7	9/29	28	1.0	14.1	2.3
US Seeds	Halo X452	.	20	40.6	10/4	34	1.0	14.6	2.0
Bayer	HBK LL4850	.	22 <sup>T</sup>	39.6	9/21	29	1.0	14.8	3.0
US Seeds	Halo 4:95	.	23	39.0	9/21	29	1.0	14.8	3.3
US Seeds	Halo 4:97	.	25 <sup>T</sup>	38.7	9/26	35	1.0	13.6	2.0
Armor	AX4520	.	25 <sup>T</sup>	38.7	9/30	27	1.0	16.8	2.7
NK	S59-V9 Brand	.	30 <sup>T</sup>	37.3	10/5	29	1.0	15.3	1.6
Asgrow	AG5535	.	31	37.2	10/4	29	1.0	17.6	2.7
Dyna-Gro	39RY57	.	35	35.2	10/6	28	1.0	17.0	2.0
AR	R05-374	.	36	35.1	9/29	30	1.0	17.0	3.0

## Athens, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data						
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating
<b><u>Maturity Group V - continued</u></b>									
Asgrow	AG5935	.	38	34.5	10/9	30	1.0	17.9	1.7
US Seeds	HALO 5:25	.	39	34.1	9/28	23	1.0	14.7	1.7
GoSoy	5911LL	.	40 <sup>T</sup>	33.8	10/6	28	1.0	14.8	1.7
US Seeds	Halo X451	.	41	33.6	10/2	28	1.0	15.0	3.1
US Seeds	HALO 4:94	.	43	32.1	9/29	29	1.0	13.5	2.7
Average		48.5		40.1 <sup>4</sup>	10/1	30	1.0	15.7	2.2
LSD at 10% Level		5.7		5.8	3	4	.	1.0	0.7
Std. Err. of Entry Mean		1.8		2.5	1	1	.	0.4	0.3
<b><u>Maturity Group VI</u></b>									
NK	S67-R6 Brand	<b>51.2</b>	4	<b>42.5</b>	10/10	31	1.0	13.9	1.7
Asgrow	AG6834	<b>50.7</b>	1	<b>46.6</b>	10/14	37	1.0	16.6	1.3
Dyna-Gro	S65RY73	<b>49.9</b>	5	<b>40.5</b>	10/11	30	1.0	13.6	1.7
Asgrow	AG6534	<b>49.3</b>	12	34.3	10/16	28	1.0	13.9	1.7
SS	6713N R2	<b>45.5</b>	6	37.9	10/15	28	1.0	14.3	1.0
SS	SS 6810N R2	<b>44.8</b>	11	36.5	10/16	34	1.0	14.8	1.3
Dyna-Gro	S69RY34	<b>44.1</b>	7	37.4	10/16	43	1.0	15.4	1.7
Public Variety	Musen	<b>42.5</b>	9	36.8	10/16	35	1.0	12.2	1.0
UGA	G10-3429 RR	.	2	<b>44.8</b>	10/8	29	1.0	16.9	2.0
Armor	61-R14	.	3	<b>43.4</b>	10/10	30	1.0	13.0	2.0
Dyna-Gro	SX14867R	.	8	37.3	10/12	32	1.0	15.3	1.0
Armor	67-R90	.	10	36.7	10/17	37	1.0	14.4	1.7
Croplan Genetics	R2C6764	.	13	32.4	10/15	28	1.0	14.4	1.7
Average		47.2		39.0 <sup>5</sup>	10/14	32	1.0	14.5	1.5
LSD at 10% Level		N.S. <sup>6</sup>		6.6	3	5	.	2.2	0.6
Std. Err. of Entry Mean		2.0		2.7	1	2	.	0.9	0.2
<b><u>Maturity Groups VII and VIII</u></b>									
AgSouth	AGS Woodruff	<b>70.4</b>	1	<b>61.2</b>	10/22	37	1.0	16.3	1.0
NK	S74-M3 Brand	<b>68.7</b>	2	<b>57.5</b>	10/19	37	1.0	16.8	1.7
Dyna-Gro	34RY75	<b>68.5</b>	6	53.6	10/21	37	1.0	13.8	1.0
UGA	G10PR-86R2	<b>64.7</b>	13	51.3	10/17	44	1.3	14.9	1.3
SC	SC07-108	62.3	12 <sup>T</sup>	51.5	10/24	38	1.0	15.3	1.3
SS	SS 7511N R2	62.2	3	<b>55.2</b>	10/20	34	1.0	18.3	2.0
UGA	G12PR-7R2	62.1	29	46.8	10/16	34	1.0	18.5	2.0
USG	77S40R2	61.9	19	50.0	10/18	34	1.0	17.3	2.0
SC	SC04-306	61.3	4	<b>54.7</b>	10/21	37	1.0	14.1	1.0
AgSouth	AGS 738 RR	61.3	5 <sup>T</sup>	53.8	10/16	36	1.0	13.5	2.0
Bayer	HBK RY7523	61.1	23	49.0	10/17	32	1.0	14.6	2.0
UGA	G10PR-56264R2	61.0	20 <sup>T</sup>	49.9	10/20	38	1.0	14.6	1.0
UGA	G12PR-54R2	60.6	10	52.0	10/20	40	1.0	15.2	1.0
UGA	G10PR-56444R2	60.3	28	47.0	10/21	42	1.0	14.9	2.0
UGA	G12PR-63R2	60.0	9 <sup>T</sup>	52.6	10/18	41	1.0	14.3	2.0

## Athens, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data						
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating
<b>Maturity Groups VII and VIII - continued</b>									
AgSouth	AGS 787 RR	59.8	18	50.4	10/19	40	1.0	16.0	1.3
Public Variety	Santee	59.7	7	53.2	10/18	42	1.0	15.3	1.7
Asgrow	AG7934	59.6	35	44.7	10/23	41	1.0	15.6	1.3
USG	77S63R	59.4	20 <sup>T</sup>	49.9	10/17	31	1.0	14.2	2.0
NK	S77-T7 Brand	59.0	21	49.8	10/20	38	1.0	14.0	1.3
UGA	G08-4200RR	58.3	8 <sup>T</sup>	52.7	10/18	37	1.0	13.0	1.0
AgSouth	AGS 828 RR	58.3	27 <sup>T</sup>	48.3	10/20	36	1.3	14.4	1.3
UGA	G10PR-224R2	58.0	33	45.1	10/18	42	1.0	13.7	1.3
UGA	G08-3279RR	57.4	24	48.9	10/22	42	1.0	17.1	2.0
Dyna-Gro	S74RY15	57.3	32 <sup>T</sup>	46.3	10/17	29	1.0	14.0	2.0
SC	SC03-062	56.6	34	44.9	10/24	38	1.0	15.1	1.7
USG	77S13R	56.3	41	42.3	10/16	41	1.0	15.2	2.0
AgSouth	AGS Prichard RR	54.7	27 <sup>T</sup>	47.3	10/22	45	1.0	14.0	1.0
Public Variety	Motte	53.6	38	43.4	10/24	45	1.0	13.8	1.0
Public Variety	Cook	49.8	39	43.2	10/19	41	1.0	16.5	2.0
Terral-REV®	73R74™	.	5 <sup>T</sup>	53.8	10/16	46	1.7	14.7	2.0
UGA	G11PR-209R2	.	8 <sup>T</sup>	52.7	10/17	37	1.0	13.8	1.0
Asgrow	AG7535	.	9 <sup>T</sup>	52.6	10/17	35	1.0	16.8	1.0
SC	SC06-301RR	.	11	51.9	10/21	35	1.0	13.6	1.0
UGA	G10-3913R2	.	12 <sup>T</sup>	51.5	10/17	39	1.0	18.9	1.0
Armor	AX4700	.	17	51.2	10/16	43	1.0	15.0	2.0
UGA	G11PR-418R2	.	15	51.1	10/16	38	1.0	17.1	2.0
UGA	G11PR-56238R2	.	16 <sup>T</sup>	50.9	10/17	40	1.0	14.5	1.3
SC	SC04-375	.	16 <sup>T</sup>	50.9	10/16	36	1.0	15.8	1.3
Croplan Genetics	R2C7094	.	17	50.6	10/16	44	1.0	14.6	1.7
UGA	G11PR-56158R2	.	22 <sup>T</sup>	49.2	10/17	40	1.0	18.3	1.7
UGA	G11PR-56151R2	.	22 <sup>T</sup>	49.2	10/18	40	1.0	17.2	1.3
Armor	AX4750	.	25	48.6	10/17	30	1.0	14.9	2.0
Armor	AX4770	.	26 <sup>T</sup>	48.4	10/20	38	1.0	13.9	1.0
SC	SC07-1518RR	.	26 <sup>T</sup>	48.4	10/24	43	1.0	16.2	2.0
SC	SC07-676RR	.	30	46.6	10/21	41	1.0	14.8	1.7
UGA	G11PR-407R2	.	31	46.5	10/21	39	1.0	16.9	1.0
SC	SC04-386RR	.	32 <sup>T</sup>	46.3	10/22	40	1.0	14.7	1.3
SC	SC07-786RR	.	36	43.8	10/24	43	1.0	17.0	1.7
UGA	G10-3833 RR	.	37	43.7	10/20	41	1.0	14.7	1.0
Dyna-Gro	S77RY85	.	40	43.0	10/20	36	1.0	13.1	1.3
UGA	G10PR-3954R2	.	42	41.4	10/16	36	1.0	14.7	1.0
SC	SC07-1490RR	.	43	40.0	10/23	47	1.0	16.9	1.3
Dyna-Gro	S79RY05	.	44	39.4	10/23	41	1.0	16.2	1.3
USG	78S04R	.	45	37.8	10/23	43	1.0	16.3	2.0
Average		60.1		48.8 <sup>7</sup>	10/19	39	1.0	15.4	1.5
LSD at 10% Level		6.7		6.8	2	3	.	1.0	0.5
Std. Err. of Entry Mean		2.3		2.9	1	1	.	0.4	0.2

## Athens, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

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1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. CV = 10.7% and df for EMS = 98.
5. CV = 12.1% and df for EMS = 24.
6. The F-test indicated no statistical differences at the alpha = 0.10 probability level; therefore, an LSD value was not calculated.
7. CV = 10.2% and df for EMS = 108.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD (P = 0.10).

Planted: May 22, 2014

Harvested: Maturity Groups V and VI - October 20, 2014.  
Maturity Group VII and VIII - November 11, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Cecil coarse sandy loam.

Soil Test: Maturity Groups V and VI: P = Medium, K = Medium, and pH = 6.1.

Maturity Group VII and VIII: P = High, K = High, and pH = 6.3.

Fertilization: 14 lb N, 52 lb P<sub>2</sub>O<sub>5</sub>, and 105 lb K<sub>2</sub>O/acre.

Previous Crop: Maturity Groups V and VI: Fallow.

Maturity Group VII and VIII: Cotton.

Management: Chisel plowed and disked; Valor XLT, Prowl, Classic, and one cultivation used for weed control; subsoiled between rows after cultivation; Endigo used for insect control; Telone II used for nematode control; Domark used for disease control; irrigated four times for total of 4 inches.

Test conducted by Z. Li, E.D. Wood, G.B. Rowan, S.L. Finnerty, W.E. Baxter, C.T. Collins, B.F. Wilson, C.W. White, S.S. Stone, T.W. Thorne, E.B. Beck, J.J. Griffin, P.K. Roach, J.M. Cartey, M.H. Hargrave, and P.L. Glenn.

## Calhoun, Georgia: Soybean Variety Performance, 2014, Irrigated

Company or Brand Name	Variety	2-Year Average Yield bu/acre	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b>Maturity Group V</b>										
US Seeds	Halo 5:01	<b>54.8</b>	4	<b>61.7</b>	10/9	50	1.7	16.4	2.3	1.0
US Seeds	Halo 5:45	<b>54.7</b>	25	55.3	10/3	42	1.5	15.2	2.0	1.0
Bayer	HBK LL4950	<b>54.1</b>	8 <sup>T</sup>	<b>59.4</b>	10/6	48	1.5	16.5	2.5	1.0
SS	LL 595N	<b>53.8</b>	11 <sup>T</sup>	<b>58.4</b>	10/5	42	1.8	15.7	2.0	1.0
Armor	53-R16	<b>53.7</b>	13	<b>58.2</b>	10/2	42	1.7	14.8	2.3	1.0
Pioneer	95Y71	<b>53.2</b>	1	<b>63.5</b>	10/1	47	1.5	16.8	1.7	1.0
AgSouth	AGS 533 LL	<b>52.8</b>	17 <sup>T</sup>	<b>57.5</b>	10/7	44	1.2	17.2	2.2	1.0
Public Variety	Ozark	<b>52.5</b>	9	<b>59.2</b>	10/1	41	2.3	18.5	1.5	1.0
NK	S52-Y2 Brand	<b>52.3</b>	40	48.5	9/18	41	1.3	15.3	2.7	1.0
SS	SS 5511N R2	<b>51.8</b>	5	<b>60.5</b>	10/3	43	1.3	21.5	1.7	1.0
AgSouth	AGS 568RR	<b>51.4</b>	14 <sup>T</sup>	<b>58.0</b>	9/29	48	2.0	18.7	1.7	1.0
Armor	55-R22	<b>51.3</b>	16	<b>57.6</b>	10/5	43	1.8	21.5	1.7	1.0
Public Variety	Osage	<b>50.9</b>	31	53.6	10/1	40	1.2	15.4	2.0	1.0
US Seeds	Halo 5:26	<b>50.5</b>	37	51.1	9/25	38	2.3	16.9	2.0	1.0
SS	5711N R2	<b>50.2</b>	8 <sup>T</sup>	<b>59.4</b>	10/2	37	1.8	20.8	1.8	1.0
Pioneer	95Y70	<b>49.8</b>	14 <sup>T</sup>	<b>58.0</b>	10/13	49	2.5	18.3	1.8	1.0
Terral-REV®	57R21™	<b>49.5</b>	27	54.7	10/2	55	2.2	16.9	1.8	1.0
Terral-REV®	56R63™	<b>48.8</b>	18	<b>57.4</b>	10/9	51	2.5	18.4	2.2	1.0
SS	5911N R2	<b>48.3</b>	17 <sup>T</sup>	<b>57.5</b>	10/11	37	1.2	14.0	1.8	1.0
SS	5513N R2	<b>48.0</b>	29	54.4	10/2	50	2.7	17.9	2.0	1.0
Bayer	HBK RY5421	<b>47.9</b>	19	<b>57.3</b>	10/1	44	2.2	17.8	1.3	1.0
AR	UA 5612	<b>47.1</b>	21	56.4	10/2	45	3.3	15.5	2.2	1.0
Bayer	HBK RY5221	<b>43.2</b>	43	44.4	9/29	45	1.7	15.8	3.8	1.0
NK	S55-Q3 Brand	.	2	<b>62.8</b>	9/30	46	2.7	19.9	1.8	1.0
Dyna-Gro	39RY57	.	3	<b>62.2</b>	10/6	38	1.7	20.6	1.5	1.0
Dyna-Gro	556RY84	.	6	<b>59.9</b>	10/2	46	2.0	17.6	1.8	1.0
Armor	50-R44	.	7 <sup>T</sup>	<b>59.7</b>	9/27	54	1.5	14.8	2.8	1.0
Armor	51-R50	.	7 <sup>T</sup>	<b>59.7</b>	9/22	38	1.0	16.2	3.0	1.0
NK	S59-V9 Brand	.	7 <sup>T</sup>	<b>59.7</b>	10/17	42	2.0	18.2	2.3	1.0
Asgrow	AG5535	.	10	<b>58.6</b>	9/30	42	1.2	17.9	1.8	1.0
Armor	AX4550	.	11 <sup>T</sup>	<b>58.4</b>	10/5	51	2.5	16.5	2.2	1.0
Pioneer	P52T86R	.	12	<b>58.3</b>	9/19	47	2.2	16.1	1.7	1.0
US Seeds	Halo X452	.	15	<b>57.8</b>	10/8	42	1.3	15.6	2.3	1.0
AR	R05-374	.	20	<b>57.2</b>	10/2	50	2.2	16.6	2.8	1.0
Pioneer	P54T94R	.	22	56.1	10/2	39	1.3	16.8	2.5	1.0
AR	UA 5213C	.	23	55.8	10/8	44	4.2	15.4	2.0	1.0
Asgrow	AG5935	.	24	55.6	10/10	43	1.2	19.5	2.2	1.0
US Seeds	Halo X449	.	26	54.9	9/29	52	2.0	17.3	2.3	1.0
US Seeds	HALO 5:25	.	28	54.5	9/27	35	1.3	15.9	2.0	1.0
Bayer	HBK LL4953	.	30	53.6	10/4	41	1.0	16.4	2.0	1.0

## Calhoun, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

Company or Brand Name	Variety	2-Year Average Yield	2014 Data							
			Rank	Yield <sup>1</sup> bu/acre	Maturity date	Plant Ht in	Lodg. <sup>2</sup> rating	Wt of 100 Seed gm	Seed Quality <sup>3</sup> rating	Shatt. <sup>4</sup> rating
<b><u>Maturity Group V - continued</u></b>										
Armor	AX4520	.	32	52.1	10/1	43	2.0	17.5	2.3	1.0
Bayer	HBK LL4850	.	33	51.8	9/16	40	1.7	14.3	2.3	1.0
GoSoy	5911LL	.	34	51.5	10/6	41	1.3	15.5	2.3	1.0
US Seeds	Halo 4:97	.	35	51.5	9/19	48	2.3	13.6	2.0	1.0
US Seeds	Halo 4:95	.	36	51.2	9/12	38	1.3	14.0	2.2	1.0
US Seeds	Halo X451	.	38	51.0	9/27	42	1.2	16.3	2.3	1.0
Terral-REV®	55R53™	.	39	50.3	10/7	40	1.7	15.5	3.0	1.0
Armor	49-R56	.	41	46.9	9/14	38	1.3	15.8	2.2	1.0
US Seeds	HALO 4:94	.	42	44.8	9/22	41	1.2	14.7	2.0	1.0
Armor	AX4490	.	44	43.9	9/19	38	1.3	15.5	3.2	1.0
Average		50.9		55.6 <sup>5</sup>	10/1	44	1.8	16.8	2.2	1.0
LSD at 10% Level		N.S. <sup>6</sup>		6.7	N.S.	6	N.S.	1.0	N.S.	.
Std. Err. of Entry Mean		3.7		2.8	2	2	0.3	0.4	0.2	.
<b><u>Maturity Group VI</u></b>										
Dyna-Gro	S65RY73	<b>45.6</b>	2	<b>52.5</b>	10/14	46	2.0	14.9	2.0	1.0
NK	S67-R6 Brand	<b>44.3</b>	3	<b>50.7</b>	10/14	47	1.7	19.7	2.0	1.0
SS	6713N R2	<b>41.4</b>	4	<b>49.3</b>	10/16	45	1.0	17.1	1.8	1.0
Asgrow	AG6534	39.9	7 <sup>T</sup>	44.9	10/16	43	1.2	16.7	1.5	1.0
Asgrow	AG6834	39.5	5	<b>47.4</b>	10/16	50	1.2	19.1	1.7	1.0
SS	SS 6810N R2	38.2	11	41.6	10/16	48	1.2	17.6	1.7	1.0
Dyna-Gro	S69RY34	36.3	7 <sup>T</sup>	44.9	10/13	48	2.2	16.5	1.8	1.0
Public Variety	Musen	34.6	10	41.7	10/17	44	2.5	14.8	1.5	1.0
Armor	61-R14	.	1	<b>54.4</b>	10/10	44	1.2	14.8	2.0	1.0
UGA	G10-3429 RR	.	6	46.2	10/13	43	1.3	19.6	1.7	1.0
Dyna-Gro	SX14867R	.	8	42.6	10/16	45	1.2	16.7	1.7	1.0
Croplan Genetics	R2C6764	.	9	42.3	10/16	45	1.2	16.1	1.7	1.0
Armor	67-R90	.	12	40.8	10/16	49	1.0	17.9	1.8	1.0
Average		40.0		46.1 <sup>7</sup>	10/15	46	1.4	17.0	1.8	1.0
LSD at 10% Level		4.6		7.7	4	5	0.9	N.S.	N.S.	.
Std. Err. of Entry Mean		2.0		3.2	2	2	0.4	0.4	0.2	.

## Calhoun, Georgia: Soybean Variety Performance, 2014, Irrigated (Continued)

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1. Yields calculated at 13% moisture.
2. Lodging rating: Rated 1 (all plants erect) to 5 (over 80% of plants down).
3. Seed quality rating: Rated 1 (very good) to 5 (very poor).
4. Shattering rating: Rated 1 (no shattering) to 5 (>50% pods shattered).
5. CV = 8.9% and df for EMS = 98.
6. The F-test indicated no statistical differences at the  $\alpha = 0.10$  probability level; therefore, an LSD value was not calculated.
7. CV = 12.0% and df for EMS = 24.

**Bolding** within each test denotes entries with yields equal to the highest yielding entry based on Fisher's protected LSD ( $P = 0.10$ ).

Planted: May 23, 2014.

Harvested: Maturity Group V - November 11, 2014.  
Maturity Group VI - November 12, 2014.

Seeding Rate: Eight seeds per foot in 30" rows.

Soil Type: Rome gravelly clay loam.

Soil Test: Maturity Group V: P = High, K = Medium, and pH = 5.7.  
Maturity Group VI: P = Very High, K = High, and pH = 5.9.

Fertilization: 9 lb N, 42 lb P<sub>2</sub>O<sub>5</sub>, and 138 lb K<sub>2</sub>O/acre.

Previous Crop: Corn.

Management: Moldboard plowed, disked, rototilled, and one cultivation; Treflan, Select Max, Classic, Basagran, and Blazer used for weed control; Karate and Dimilin used for insect control; Domark used for fungal control; irrigated 11 inches.

Test conducted by H. Jordan, G. Ware, and J. Stubbs.