

# GRAIN SORGHUM

## Tifton, Georgia: Early-Planted Grain Sorghum Hybrid Performance, 2005 Nonirrigated

Company or Brand Name	Hybrid	Yield <sup>1</sup> bu/acre	2-Year		50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %	Disease <sup>3</sup> rating	Bird Damage <sup>4</sup> %
			Average Yield bu/acre	Test Wt. lb/bu					
SS	SS800	<b>74.8</b>	<b>65.4</b>	.	44	48	5	2.0	62
CSC	X3066	<b>72.4</b>	.	.	40	50	4	2.0	61
Monsanto	MTC15525	<b>63.9</b>	.	.	44	55	24	1.8	59
Monsanto	MSC531	<b>62.5</b>	.	.	45	54	15	2.0	61
Pioneer	83G66	60.8	<b>62.2</b>	.	43	59	10	2.0	45
Plantation Seed	Exp 408	54.9	.	.	45	64	54	1.5	42
DeKalb	DKS53-11	52.7	<b>60.6</b>	.	48	55	5	1.8	48
FL	FL900/BK45	50.2	.	.	48	55	15	2.0	47
DeKalb	DKS54-00	47.3	<b>62.2</b>	.	45	57	23	2.0	50
CSC	X3167	46.1	.	.	47	49	15	2.0	57
Asgrow	A567	45.7	<b>60.7</b>	.	46	53	23	2.3	49
Monsanto	MSC332	45.6	.	.	43	57	33	1.3	53
CSC	X8067	44.5	.	.	46	57	40	2.3	38
FL	FL800/BK45	44.2	.	.	47	56	44	1.8	40
SS	SS-650	43.4	<b>52.6</b>	.	47	52	0	2.3	48
Plantation Seed	Exp 401	39.4	.	.	46	65	30	2.3	27
Asgrow	A571	37.6	<b>52.4</b>	.	45	48	0	2.3	46
Plantation Seed	GS105	29.4	.	.	49	62	19	1.8	50
Plantation Seed	GS104	5.1	.	.	49	57	0	1.5	18
Cal/West Seeds	CW2-63-6	4.4	.	.	49	55	0	1.8	29
Average		46.2 <sup>5</sup>	59.5	.	46	55	18	1.9	46
LSD at 10% Level		12.4	N.S. <sup>6</sup>	.	3	4	29	N.S.	19
Std. Err. of Entry Mean		5.2	3.8	.	1	2	12	0.2	8

1. Yields calculated at 14% moisture.

2. Days from planting to 50% bloom.

3. Rated 1 = resistant to 5 = susceptible to foliar diseases.

4. Percent of grain head damaged.

5. CV = 22.7% and df for EMS = 57.

6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 25, 2005.

Harvested: August 22, 2005.

Seeding Rate: 140,000 seed/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Low, K = Medium, and pH = 5.2.

Fertilization: Preplant: 124 lb N, 100 lb P<sub>2</sub>O<sub>5</sub>, 100 lb K<sub>2</sub>O, and 2000 lb Dolomitic lime/acre.

Sidedress: 114 lb N/acre.

Previous Crop: Peanuts.

Management: Paratilled, subsoiled and bedded, and rototilled; Atrazine and three cultivations for weed control; Lorsban, Karate, and Tracer for insect control.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. Burton.

## Tifton, Georgia: Late-Planted Grain Sorghum Hybrid Performance, 2005 Nonirrigated

Company or Brand Name	Hybrid	2-Year		Test Wt. lb/bu	50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %	Disease <sup>3</sup> rating	Bird Damage <sup>4</sup> %
		Yield <sup>1</sup> bu/acre	Average Yield bu/acre						
DeKalb	DKS54-00	<b>111.3</b>	<b>72.0</b>	.	67	56	0	1.5	8
DeKalb	DKS53-11	<b>103.1</b>	.	.	70	54	0	2.3	1
Asgrow	A567	<b>103.1</b>	.	.	69	53	0	2.8	29
Plantation Seed	GS105	78.1	.	.	69	56	0	2.0	16
Plantation Seed	Exp 408	76.9	.	.	64	62	3	1.3	28
Plantation Seed	Exp 401	76.3	.	.	66	63	5	2.3	9
Monsanto	MTC15525	72.7	.	.	69	50	0	2.3	10
Plantation Seed	GS104	70.1	.	.	69	57	8	1.8	15
FL	FS-03BK-5B	69.5	46.7	.	69	60	1	1.8	8
Moss	M1024DPW	67.8	52.7	.	65	56	0	1.8	16
Monsanto	MSC531	67.1	.	.	65	49	5	3.5	34
Monsanto	MSC332	65.7	.	.	67	57	0	2.5	16
FL	FL900/BK45	62.3	.	.	64	58	0	1.8	28
Asgrow	A571	54.9	39.9	.	63	52	0	3.3	33
FL	FL800/BK45	52.5	.	.	61	62	0	2.5	34
Moss	M927ER	52.3	35.5	.	61	53	0	2.8	22
SS	SS800	50.8	37.4	.	61	47	0	3.8	27
Pioneer	83G66	47.4	32.2	.	62	51	0	2.3	27
CSC	X8067	44.7	.	.	63	57	0	2.5	30
SS	SS-650	38.8	28.2	.	63	52	0	3.3	34
CSC	X3167	34.0	.	.	63	52	0	3.5	64
CSC	X3066	33.4	.	.	64	48	0	3.3	31
Moss	M929MB	18.1	28.2	.	60	48	0	2.3	65
Average		63.1 <sup>5</sup>	41.4	.	65	54	1	2.5	25
LSD at 10% Level		10.7	14.3	.	2	3	3	0.6	25
Std. Err. of Entry Mean		4.5	6.0	.	1	1	1	0.3	11

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 14.4% and df for EMS = 66.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 25, 2005.

Harvested: October 17, 2005.

Seeding Rate: 140,000 seed/acre in 30" rows.

Soil Type: Tifton loamy sand.

Soil Test: P = Low, K = Medium, and pH = 5.2.

Fertilization: Preplant: 75 lb N, 100 lb P<sub>2</sub>O<sub>5</sub>, 100 lb K<sub>2</sub>O, and 2000 lb Dolomitic lime/acre.

Sidedress: 114 lb N/acre.

Previous Crop: Peanuts.

Management: Paratilled, subsoiled and bedded, and rototilled; Atrazine and three cultivations for weed control; Lorsban, Karate, and Tracer for insect control.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. Burton.

## Plains, Georgia: Early-Planted Grain Sorghum Hybrid Performance, 2005 Nonirrigated

Company or Brand Name	Hybrid	2-Year Average		Test Wt. lb/bu	50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %	Disease <sup>3</sup> rating	Bird Damage <sup>4</sup> %
		Yield <sup>1</sup> bu/acre	Yield bu/acre						
DeKalb	DKS54-00	<b>138.1</b>	<b>114.2</b>	.	38	63	38	2.3	0
DeKalb	DKS53-11	<b>137.3</b>	<b>115.5</b>	.	39	59	14	2.3	0
Pioneer	83G66	<b>135.7</b>	<b>114.3</b>	.	38	61	8	2.0	0
CSC	X3167	<b>133.2</b>	.	.	38	59	0	2.5	0
Monsanto	MSC531	<b>130.1</b>	.	.	38	59	25	3.5	3
Monsanto	MTC15525	<b>129.6</b>	.	.	38	60	5	2.5	1
Asgrow	A567	<b>129.5</b>	<b>110.5</b>	.	37	56	33	2.3	0
SS	SS800	<b>128.5</b>	<b>107.6</b>	.	38	58	10	2.8	0
Asgrow	A571	<b>126.0</b>	<b>110.1</b>	.	38	62	10	3.0	1
FL	FL900/BK45	<b>122.9</b>	.	.	44	62	25	2.3	1
Plantation Seed	GS104	115.6	.	.	47	64	0	3.0	0
SS	SS-650	113.5	93.9	.	38	61	10	3.3	1
CSC	X3066	112.2	.	.	28	56	3	3.3	3
Cal/West Seeds	CW2-63-6	102.1	.	.	46	65	13	2.3	0
Monsanto	MSC332	101.7	.	.	38	57	86	2.0	3
Plantation Seed	GS105	99.1	.	.	46	65	25	2.0	0
Plantation Seed	Exp 408	97.0	.	.	41	65	55	2.0	1
CSC	X8067	86.8	.	.	38	63	69	2.8	1
FL	FL800/BK45	71.7	.	.	42	62	94	2.0	3
Plantation Seed	Exp 401	43.2	.	.	41	65	89	2.0	1
Average		112.7 <sup>5</sup>	109.4	.	39	61	30	2.5	1
LSD at 10% Level		15.6	15.5		1	3	22	0.6	N.S. <sup>6</sup>
Std. Err. of Entry Mean		6.6	6.5		1	1	10	0.3	1

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 11.7% and df for EMS = 57.
6. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 21, 2005.  
Harvested: August 24, 2005.  
Seeding Rate: 140,000 seed/acre in 30" rows.  
Soil Type: Paceville sandy loam  
Soil Test: P = Low, K = High, and pH = 5.5.  
Fertilization: Preplant: 66 lb N, 88 lb P<sub>2</sub>O<sub>5</sub>, 24 lb K<sub>2</sub>O, and 1000 lb Dolomitic lime/acre.  
Sidedress: 50 lb N/acre.  
Previous Crop: Soybeans.  
Management: Subsoiled and rototilled; Atrazine and one cultivation used for weed control;  
Karate used for insect control.

## Plains, Georgia: Late-Planted Grain Sorghum Hybrid Performance, 2005 Nonirrigated

Company or Brand Name	Hybrid	2-Year		Test Wt. lb/bu	50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %	Disease <sup>3</sup> rating	Bird Damage <sup>4</sup> %
		Yield <sup>1</sup> bu/acre	Average Yield bu/acre						
DeKalb	DKS54-00	<b>107.8</b>	<b>74.8</b>	.	69	61	7	1.8	0
DeKalb	DKS53-11	<b>100.6</b>	<b>72.1</b>	.	70	57	8	2.0	1
Moss	M929MB	<b>100.0</b>	<b>84.0</b>	.	60	52	0	1.5	6
CSC	X8067	<b>98.0</b>	.	.	59	64	1	2.5	4
Monsanto	MSC332	<b>96.6</b>	.	.	68	60	1	2.0	3
Pioneer	83G66	<b>96.4</b>	61.6	.	62	57	1	2.5	7
Monsanto	MTC15525	94.8	.	.	68	54	2	2.0	0
Asgrow	A567	92.1	62.0	.	69	55	20	2.0	0
Asgrow	A571	89.4	64.3	.	64	58	2	2.5	6
Plantation Seed	Exp 408	88.0	.	.	64	66	4	1.8	1
Monsanto	MSC531	85.3	.	.	66	56	3	2.5	2
Moss	M927ER	82.0	53.9	.	62	54	1	2.3	3
Moss	M1024DPW	81.5	60.4	.	78	60	33	1.0	0
FL	FL800/BK45	79.1	.	.	68	69	7	2.0	2
FL	FL900/BK45	77.7	.	.	64	59	7	2.0	2
Plantation Seed	GS105	72.6	.	.	68	61	13	2.0	0
CSC	X3066	68.7	.	.	64	54	0	3.0	4
SS	SS-650	68.1	50.1	.	63	55	36	2.0	4
Plantation Seed	GS104	67.1	.	.	68	58	70	1.8	0
SS	SS800	66.0	48.7	.	60	52	21	2.8	11
FL	FS-03BK-5B	63.0	42.9	.	68	57	25	2.0	0
CSC	X3167	61.6	.	.	60	57	3	2.8	5
Plantation Seed	Exp 401	54.4	.	.	65	72	21	1.8	3
Average		82.2 <sup>5</sup>	61.3	.	65	58	12	2.1	3
LSD at 10% Level		11.6	15.8	.	7	2	14	0.6	4
Std. Err. of Entry Mean		4.9	6.7	.	3	1	6	0.2	1

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. Rated 1 = resistant to 5 = susceptible to foliar diseases.
4. Percent of grain head damaged.
5. CV = 11.7% and df for EMS = 66.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 21, 2005.  
 Harvested: October 13, 2005.  
 Seeding Rate: 140,000 seed/acre in 30" rows.  
 Soil Type: Paceville sandy loam  
 Soil Test: P = Low, K = High, and pH = 5.5.  
 Fertilization: Preplant: 66 lb N, 88 lb P<sub>2</sub>O<sub>5</sub>, 24 lb K<sub>2</sub>O, and 1000 lb Dolomitic lime/acre.  
 Sidedress: 50 lb N/acre.  
 Previous Crop: Soybeans.  
 Management: Subsoiled and rototilled; Atrazine and one cultivation used for weed control;  
 Karate used for insect control.

Test conducted by A. E. Coy, R. Bennett, R. Brooke, and R. R. Pines.

## Griffin, Georgia: Early-Planted Grain Sorghum Hybrid Performance, 2005 Irrigated

Company or Brand Name	Hybrid	Yield <sup>1</sup> bu/acre	2-Year Average Yield bu/acre	Test Wt. lb/bu	50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %
Monsanto	MTC15525	<b>115.6</b>	.	60.4	67	60	0
DeKalb	DKS53-11	<b>110.9</b>	.	58.4	71	61	0
Monsanto	MSC332	<b>110.7</b>	.	59.7	67	61	0
Monsanto	MSC531	<b>110.0</b>	.	57.4	69	62	0
DeKalb	DKS54-00	<b>110.0</b>	<b>109.1</b>	59.3	68	61	0
FL	FL800/BK45	<b>109.5</b>	.	58.5	68	68	0
SS	SS-650	105.8	<b>104.2</b>	59.5	66	59	0
FL	FL900/BK45	105.6	.	60.7	70	58	0
Pioneer	83G66	105.0	<b>105.5</b>	59.0	66	62	0
Plantation Seed	GS105	102.5	.	60.1	74	65	0
SS	SS800	94.3	99.2	57.9	66	53	0
Moss	M929MB	89.8	86.0	59.8	65	55	0
FL	FS-03BK-5B	89.1	81.9	58.6	75	64	0
Asgrow	A571	89.0	92.2	57.8	66	57	0
Plantation Seed	GS104	84.0	.	59.7	75	63	0
Moss	M927ER	82.0	83.5	58.6	66	55	0
Average		100.9 <sup>3</sup>	95.2	59.1	69	60	0
LSD at 10% Level		9.4	9.9	1.4	2	4	-
Std. Err. of Entry Mean		3.9	4.2	0.6	1	2	-

1. Yields calculated at 14% moisture.

2. Days from planting to 50% bloom.

3. CV = 7.8% and df for EMS = 45.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: May 19, 2005.

Harvested: September 6, 2005.

Seeding Rate: 140,000 seed/acre in 30" rows.

Soil Type: Cecil clay loam.

Soil Test: P = Medium, K = Medium, and pH = 6.0.

Fertilization: Preplant: 28 lb N, 56 lb P<sub>2</sub>O<sub>5</sub>, and 84 lb K<sub>2</sub>O/acre. Sidedress: 100 lb N/acre.

Previous Crop: Wheat.

Management: Chisel plowed, disked, and rototilled; Aatrex and one cultivation used for weed control; irrigated 1.0 inch.

Test conducted by P. A. Rose.

## Griffin, Georgia: Late-Planted Grain Sorghum Hybrid Performance, 2005 Irrigated

Company or Brand Name	Hybrid	2-Year Average		Test Wt. lb/bu	50% Bloom <sup>2</sup> days	Plant Ht. in	Lodging %
		Yield <sup>1</sup> bu/acre	Yield bu/acre				
Moss	M927ER	<b>67.2</b>	<b>62.3</b>	54.6	60	58	14
Asgrow	A571	<b>60.2</b>	<b>70.4</b>	55.4	62	59	8
SS	SS800	57.4	<b>65.5</b>	54.6	61	60	11
FL	FS-03BK-5B	55.5	<b>66.4</b>	57.6	67	63	9
SS	SS-650	54.2	<b>43.7</b>	56.4	61	63	56
Pioneer	83G66	53.5	.	54.8	62	61	9
Monsanto	MSC332	52.8	.	53.4	64	63	3
DeKalb	DKS54-00	52.8	<b>79.2</b>	55.4	69	67	0
Plantation Seed	GS104	52.7	.	57.9	68	64	64
FL	FL900/BK45	51.8	.	58.0	61	63	28
Moss	M929MB	50.4	<b>74.1</b>	55.2	60	53	3
Monsanto	MSC531	50.0	.	54.9	68	64	24
Monsanto	MTC15525	48.2	.	54.2	67	61	0
DeKalb	DKS53-11	46.1	.	56.5	66	61	1
FL	FL800/BK45	45.4	.	55.6	62	68	18
Plantation Seed	GS105	39.8	.	54.8	67	65	14
Average		52.4 <sup>3</sup>	65.9	55.6	64	62	16
LSD at 10% Level		8.9	N.S. <sup>4</sup>	N.S.	3	4	18
Std. Err. of Entry Mean		3.7	5.1	1.3	1	1	7

1. Yields calculated at 14% moisture.
2. Days from planting to 50% bloom.
3. CV = 14.4% and df for EMS = 45.
4. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 23, 2005.  
Harvested: October 28, 2005.  
Seeding Rate: 140,000 seed/acre in 30" rows.  
Soil Type: Cecil clay loam.  
Soil Test: P = Medium, K = High, and pH = 6.0.  
Fertilization: Preplant: 28 lb N, 56 lb P<sub>2</sub>O<sub>5</sub>, and 84 lb K<sub>2</sub>O/acre. Sidedress: 100 lb N/acre.  
Previous Crop: Wheat.  
Management: Chisel plowed, disked, and rototilled; Aatrex and one cultivation used for weed control; irrigated 0 inches.

Test conducted by P. A. Rose.

## Marianna, Florida: Early-Planted Grain Sorghum Hybrid Performance, 2005 Irrigated

Company or Brand Name	Hybrid	Yield lb/acre	2-Year Average Yield bu/acre	Test Wt. lb/bu	50% Bloom <sup>1</sup> days	Plant Ht. in	Lodging <sup>2</sup> rating	Disease <sup>3</sup> rating
DeKalb	DKS54-00	<b>6262</b>	<b>5649</b>	.	69	59	1.8	3.6
Plantation Seed	Exp 408	<b>5763</b>	.	.	70	65	2.5	3.1
Asgrow	A567	<b>5649</b>	5053	.	70	55	1.8	5.0
Monsanto	MSC531	<b>5604</b>	.	.	70	56	1.9	4.6
Monsanto	MTC15525	<b>5604</b>	.	.	71	55	1.8	4.0
FL	FL800/BK45	4923	.	.	69	62	2.1	4.2
SS	SS800	4810	4093	.	66	50	1.5	6.4
FL	FL900/BK45	4787	.	.	72	56	1.9	4.0
FL	A2816CxBK7	4719	.	.	71	68	2.9	3.0
Pioneer	83G66	4674	4401	.	67	55	1.9	4.6
Plantation Seed	Exp 401	4674	.	.	72	65	2.5	3.8
DeKalb	DKS53-11	4628	4379	.	72	55	1.8	3.9
FL	FL-BK5	4606	.	.	75	62	2.1	4.3
Monsanto	MSC332	4424	.	.	69	55	2.4	4.1
Asgrow	A571	4379	4385	.	67	54	1.9	4.3
Moss	M927ER	4356	3689	.	64	50	1.8	6.0
SS	SS-650	4288	4095	.	69	54	2.0	5.1
Moss	M1024DPW	4197	4526	.	72	58	2.0	3.0
FL	A1114xBK45	4174	.	.	69	54	2.3	5.0
Moss	M929MB	4084	3943	.	64	50	1.8	8.4
Average		4830 <sup>4</sup>	4421	.	69	57	2.0	4.5
LSD at 10% Level		843	587		2	3	0.4	0.6
Std. Err. of Entry Mean		356	248		1	1	0.2	0.2

1. Days from planting to 50% bloom.
2. Lodging rated 1 to 5, where 1 = no lodging to 5 = 100% lodging.
3. Rated 1 = resistant to 10 = highly susceptible to foliar diseases.
4. CV = 14.8% and df for EMS = 57.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: April 21, 2005.

Harvested: July 30, 2005.

Seeding Rate: 130,000 seed/acre in 36" rows.

Soil Type: Chipola loamy sand.

Fertilization: Preplant: 90 lb N, 45 lb P<sub>2</sub>O<sub>5</sub>, and 90 lb K<sub>2</sub>O/acre. Sidedress: 130 lb N/acre.

Management: Moldboard plowed and disked; Atrazine, Dual, and Prowl used for weed control; Asana and Karate used for insect control; irrigated 5.25 inches.

Test conducted by M. Gomillion.

## Marianna, Florida: Late-Planted Grain Sorghum Hybrid Performance, 2005 Irrigated

Company or Brand Name	Hybrid	Yield lb/acre	2-Year	Test Wt. lb/bu	50% Bloom <sup>1</sup> days	Plant Ht. in	Lodging <sup>2</sup> rating	Disease <sup>3</sup> rating
			Average Yield bu/acre					
DeKalb	DKS54-00	<b>2074</b>	<b>1926</b>	.	67	61	1.5	6.8
Plantation Seed	Exp 401	<b>2055</b>	.	.	65	68	2.0	7.4
FL	FL900/BK45	<b>2019</b>	.	.	63	59	2.0	7.3
Plantation Seed	Exp 408	<b>2019</b>	.	.	64	61	2.1	6.1
Monsanto	MTC15525	<b>1960</b>	.	.	68	58	1.8	7.6
	A1114xBK45	<b>1900</b>	.	.	62	51	2.3	8.6
A2816C	R4	<b>1715</b>	.	.	63	55	2.0	6.3
SS	SS-650	1538	<b>2266</b>	.	64	56	3.1	9.5
Asgrow	A571	1520	<b>2566</b>	.	63	53	2.0	9.3
Monsanto	MSC332	1447	.	.	66	56	1.8	8.5
Asgrow	A567	1420	.	.	68	55	2.1	8.9
FL	FL800/BK45	1357	.	.	63	59	2.3	8.1
Pioneer	83G66	1349	.	.	64	53	2.0	8.8
SS	SS800	1339	<b>1982</b>	.	64	51	2.4	9.5
DeKalb	DKS53-11	1329	.	.	68	57	1.9	7.8
FL	FL-BK5	1283	.	.	69	60	2.1	6.4
Monsanto	MSC531	1221	.	.	67	53	2.1	9.3
McCurdy	Birdoff	1048	.	.	70	59	2.1	4.5
Average		1597 <sup>4</sup>	2185	.	65	57	2.1	7.8
LSD at 10% Level		374	N.S. <sup>5</sup>		2	2	0.4	0.6
Std. Err. of Entry Mean		158	223		1	1	0.2	0.2

1. Days from planting to 50% bloom.

2. Lodging rated 1 to 5, where 1 = no lodging to 5 = 100% lodging.

3. Rated 1 = resistant to 10 = highly susceptible to foliar diseases.

4. CV = 19.8% and df for EMS = 51.

5. The F-test indicated no statistical differences at the alpha = .10 probability level; therefore, a LSD value was not calculated.

**Bolding** indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: June 27, 2005.

Harvested: October 27, 2005.

Seeding Rate: 130,000 seed/acre in 30" rows.

Soil Type: Chipola loamy sand.

Fertilization: Preplant: 70 lb N, 31 lb P<sub>2</sub>O<sub>5</sub>, and 31 lb K<sub>2</sub>O/acre. Sidedress: 83 lb N/acre.

Management: Moldboard plowed and disked; Atrazine, Dual, and Prowl used for weed control; Asana and Karate used for insect control; irrigated 5.1 inches.

Test conducted by M. Gomillion.