

## Barley

### Plains, Georgia: Barley Grain Performance, 2006-2007

Brand-Variety	Yield <sup>1</sup>		Rank	2007 Data					
	3-Year	2-Year		Yield <sup>1</sup>	Test		Lodg.	Winter	Head
	Average	Average			Wt	Ht			
	-----	bu/acre	-----	bu/acre	lb/bu	in	%	%	mo/day
Thoroughbred	<b>125.3</b>	<b>122.4</b>	1	<b>138.7</b>	.	39	0	.	03/30
Price	111.0	<b>111.9</b>	3	<b>124.5</b>	.	32	0	.	03/28
Doyce	95.9	<b>100.0</b>	2	<b>125.1</b>	.	39	3	.	03/25
VA01H-68	.	<b>99.9</b>	4	<b>116.3</b>	.	40	6	.	03/23
Average	110.8	108.6		126.1 <sup>2</sup>	.	37	2	.	03/26
LSD at 10% Level	9.1	N.S. <sup>3</sup>		N.S.		3	4		N.S.
Std. Err. of Entry Mean	3.7	4.7		8.1		1	1		03

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 12.8%, and df for EMS = 9.
3. The F-test indicated no statistical difference at the alpha = 0.10 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: November 13, 2006.  
 Harvested: May 28, 2007.  
 Seeding Rate: 15 seeds per foot in 7" rows.  
 Soil Type: Greenville sandy loam.  
 Soil Test: P = Low, K = Medium, and pH = 6.1.  
 Fertilization: Preplant: 62 lb N, 88 lb P<sub>2</sub>O<sub>5</sub>, and 24 lb K<sub>2</sub>O/acre.  
 Topdress: 30 lb N/acre.  
 Management: Subsoiled and rototilled.  
 Previous Crop: Peanuts.

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

## Calhoun, Georgia: Barley Grain Performance, 2006-2007

Brand-Variety	Yield <sup>1</sup>		Rank	2007 Data					
	3-Year Average ----- bu/acre	2-Year Average ----- bu/acre		Yield <sup>1</sup> bu/acre	Test Wt lb/bu	Ht in	Lodg. %	Cold Damage <sup>2</sup> %	Head Date mo/day
Thoroughbred	.	.	1	<b>53.1</b>	54.2	36	19	35	.
Doyce	.	.	2	19.1	50.0	38	4	50	.
VA01H-68	.	.	3	16.0	54.4	36	11	50	.
Price	.	.	4	15.2	53.0	36	18	93	.
Average	.	.		25.8 <sup>3</sup>	52.9	36	13	57	.
LSD at 10% Level				8.1	N.S. <sup>4</sup>	N.S.	N.S.	19	
Std. Err. of Entry Mean				3.1	1.8	1	12	7	

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. Cold damage to seed head on April 7-9, 2007.
3. C.V. = 24.3%, and df for EMS = 9.
4. The F-test indicated no statistical difference at the alpha = 0.10 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: October 13, 2006.

Harvested: June 5, 2007.

Seeding Rate: 15 seeds per foot in 7" rows.

Soil Type: Waynesboro loam.

Soil Test: P = High, K = High, and pH = 6.3.

Fertilization: Preplant: 50 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 75 lb K<sub>2</sub>O/acre.

Topdress: 70 lb N/acre.

Management: Moldboard plowed, disked, and rototilled.

Previous Crop: Corn.

Test conducted by J. Gassett, G. Ware, and J. Stubbs.

## Summary of Barley Yields: Georgia, 2006-2007 with Two- and Three-Year Averages

Brand-Variety	Yield <sup>1</sup>								
	South <sup>2</sup>			North <sup>3</sup>			Statewide		
	3-Year	2-Year	2007	3-Year	2-Year	2007	3-Year	2-Year	2007
	Average	Average		Average	Average		Average	Average	
----- bu/acre -----									
Doyce	95.9	<b>100.0</b>	<b>125.1</b>	58.3	<b>65.5</b>	19.1	77.1	82.7	72.1
Price	111.0	<b>111.9</b>	<b>124.5</b>	65.9	<b>71.9</b>	15.2	88.4	91.9	69.8
Thoroughbred	<b>125.3</b>	<b>122.4</b>	<b>138.7</b>	<b>76.3</b>	<b>95.7</b>	<b>53.1</b>	<b>100.8</b>	<b>109.0</b>	<b>95.9</b>
VA01H-68	.	<b>99.9</b>	<b>116.3</b>	.	<b>61.1</b>	16.0	.	80.5	66.2
Average	110.7	108.6	126.2	66.8	73.6	25.9	88.8	91.0	76.0
LSD at 10% Level	9.1	N.S. <sup>4</sup>	N.S.	8.5	N.S.	8.1	6.1	7.6	10.6
Std. Err. of Entry Mean	3.7	4.7	8.1	3.5	4.2	3.1	2.5	3.2	4.4

1. Yields calculated at 48 pounds per bushel at 12.0% moisture.
2. Plains.
3. Calhoun.
4. The F-test indicated no statistical difference at the alpha = 0.10 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).