

Plains, Georgia: Barley Grain Performance, 2011-2012

Brand-Variety	Yield ¹		Rank	2012 Data					
	3-Year	2-Year		Yield ¹	Test	Ht	Lodg.	Head	Winter
	Average	Average			Wt			Date	
	-----	bu/acre	-----	bu/acre	lb/bu	in	%	mo/day	%
Thoroughbred	79.7	85.0	3	67.9	44.3	34	1	04/05	100
Dan	62.9	66.1	4	50.3	56.0	33	0	04/01	100
Atlantic	.	90.7	2	83.6	44.2	29	3	03/28	100
Price	.	90.3	1	86.3	46.8	28	4	03/30	100
Average	71.3	83.0		72.0 ²	47.8	31	2	03/31	100
LSD at 10% Level	4.2	N.S. ³		6.3	0.7	2	N.S.	01	-
Std. Err. of Entry Mean	1.6	2.0		2.4	0.3	1	1	01	-

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.

2. C.V. = 6.8%, 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: December 2, 2011.

Harvested: May 25, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.

Topdress: 80 lb N/acre.

Management: Disked, chisel plowed and rototilled; irrigated 1 inch on March 26, 2012.

Previous Crop: Peanuts.

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

Calhoun, Georgia: Barley Grain Performance, 2011-2012

Brand-Variety	Yield ¹		2012 Data						
	3-Year	2-Year	Rank	Yield ¹	Test	Ht	Lodg.	Head	Winter
	Average	Average							
----- bu/acre -----									
Thoroughbred	113.5	107.3	4	84.9	50.7	32	8	03/24	100
Dan	99.8	100.3	2	99.5	48.5	33	10	03/20	100
Price	.	107.4	1	102.2	52.2	35	5	03/23	100
Atlantic	.	97.5	3	88.1	54.0	32	5	03/26	100
Average	106.6	103.1		93.7 ²	51.3	33	7	03/23	100
LSD at 10% Level	N.S. ³	N.S.		N.S.	N.S.	N.S.	N.S.	N.S.	-
Std. Err. of Entry Mean	7.0	5.8		9.0	2.9	1	4	02	-

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.

2. C.V. = 19.2%, 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: October 27, 2011.

Harvested: May 24, 2012.

Seeding Rate: 22 seeds per foot in 7" rows.

Soil Type: Rome gravelly clay loam.

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

Fertilization: Preplant: 25 lb N, 50 lb P₂O₅, and 76 lb K₂O/acre.

Topdress: 70 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Fallow.

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

Summary of Barley Yields: Georgia, 2011-2012 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide ⁴		
	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012	3-Year Average	2-Year Average	2012
	----- bu/acre -----								
Atlantic	.	90.7	83.6	.	97.5	88.1	.	94.1	85.8
Dan	62.9	66.1	50.3	99.8	100.3	99.5	81.4	83.2	74.9
Price	.	90.3	86.3	.	107.4	102.2	.	98.8	94.2
Thoroughbred	79.7	85.0	67.9	113.5	107.3	84.9	96.6	96.1	76.4
Average	71.3	83.0	72.0	106.7	103.1	93.7	89.0	93.1	82.8
LSD at 10% Level	4.2	N.S. ⁵	6.3	N.S.	N.S.	N.S.	5.3	N.S.	N.S.
Std. Err. of Entry Mean	1.6	2.0	2.4	7.0	5.8	9.0	2.2	3.1	4.7

1. Yields calculated at 48 pounds per bushel at 12/0% moisture.
2. Plains.
3. Calhoun.
4. Plains and Calhoun.
5. 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).