

Barley

Plains, Georgia: Barley Grain Performance, 2013-2014

Brand-Variety	Yield ¹		Rank	Yield ¹ bu/acre	2014 Data			
	3-Year Average	2-Year Average			Test		Lodg. %	Head Date mo/day
	----- bu/acre -----				Wt lb/bu	Ht in		
Thoroughbred	95.8	109.7	1	98.9	43.5	37	0	04/11
Price	95.2	99.7	3	89.2	44.1	38	4	04/05
Atlantic	93.6	98.7	4	84.6	43.3	37	46	04/06
VA08B-85	.	95.5	2	97.0	42.0	39	48	04/09
VA07H-31WS	.	92.3	5	83.6	56.3	40	1	04/12
Average	94.9	99.2		90.6 ²	45.9	38	20	04/08
LSD at 10% Level	N.S. ³	N.S.		7.9	3.2	2	26	01
Std. Err. of Entry Mean	2.6	3.6		3.1	1.3	1	10	01

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. C.V. = 6.9%, and df for EMS = 12.
3. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, an 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 14, 2013.
 Harvested: June 3, 2014.
 Seeding Rate: 19 seeds per foot in 7-inch rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = Medium, K = High, and pH = 6.4.
 Fertilization: Preplant: 15 lb N, 66 lb P₂O₅, and 18 lb K₂O/acre.
 Topdress: 80 lb N/acre.
 Management: Disked and rototilled.
 Previous Crop: Peanuts.

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

Calhoun, Georgia: Barley Grain Performance, 2013-2014

Brand-Variety	Yield ¹		Rank	2014 Data					
	3-Year Average	2-Year Average		Yield ¹	Test Wt	Ht	Lodg.	Head Date	Bird Damage ²
	-----	bu/acre	-----	bu/acre	lb/bu	in	%	mo/day	%
Price	66.5	48.6	2	70.0	41.9	38	95	04/15	9
Atlantic	58.0	42.9	3	65.4	42.3	39	94	04/15	11
Thoroughbred	55.4	40.6	4	51.6	42.1	40	91	04/14	19
VA08B-85	.	54.2	1	70.8	42.1	39	94	04/15	13
VA07H-31WS	.	34.9	5	42.1	46.1	41	93	04/14	16
Average	59.9	44.3		60.0 ³	42.9	39	93	04/15	14
LSD at 10% Level	N.S. ⁴	N.S.		4.6	1.2	2	N.S.	01	N.S.
Std. Err. of Entry Mean	4.1	2.4		1.8	0.5	1	2	01	3

1. Yields calculated as 48 pounds per bushel at 12.0% moisture.
2. Rated as percent damage.
3. C.V. = 6.0%, and df for EMS = 12.
4. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore, an 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 25, 2013.

Harvested: June 17, 2014.

Seeding Rate: 19 seeds per foot in 7-inch rows.

Soil Type: Rome gravelly loam.

Soil Test: P = Very High, K = Medium, and pH = 6.4.

Fertilization: Preplant: 25 lb N, 50 lb P₂O₅, and 75 lb K₂O/acre.

Topdress: 75 lb N/acre.

Management: Chisel plowed, disked, and rototilled; Harmony Extra used for weed control.

Previous Crop: Fallow.

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

Summary of Barley Yields: Georgia, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Yield ¹								
	South ²			North ³			Statewide		
	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014	3-Year Average	2-Year Average	2014
	----- bu/acre -----								
Atlantic	93.6	98.7	84.6	58.0	42.9	65.4	75.8	70.8	75.0
Price	95.2	99.7	89.2	66.5	48.6	70.0	80.9	74.2	79.6
Thoroughbred	95.8	109.7	98.9	55.4	40.6	51.6	75.6	75.1	75.2
VA07H-31WS	.	92.3	83.6	.	34.9	42.1	.	63.6	62.9
VA08B-85	.	95.5	97.0	.	54.2	70.8	.	74.8	83.9
Average	94.9	99.2	90.7	60.0	44.2	60.0	77.4	71.7	75.3
LSD at 10% Level	N.S. ⁴	N.S.	7.9	N.S.	N.S.	4.6	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	2.6	3.6	3.1	4.1	2.4	1.8	2.4	2.2	1.8

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, an 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).