

## Tifton, Georgia: Rye Grain Performance, 2009-2010

Brand-Variety	Yield <sup>1</sup>		2010 Data						
	3-Year	2-Year	Rank	Yield <sup>1</sup>	Test	Ht	Lodg.	Winter	Head
	Average	Average							
	-----	bu/acre	-----	bu/acre	lb/bu	in	%	%	mo/day
Wintergrazer 70	<b>35.3</b>	<b>31.1</b>	3	<b>42.7</b>	54.3	72	5	100	04/11
Wrens 96	<b>34.1</b>	<b>31.2</b>	9	37.4	54.3	72	0	100	04/06
NF95307A	<b>31.6</b>	<b>27.4</b>	6	39.7	53.5	73	8	100	04/12
Maton II	<b>30.2</b>	<b>26.4</b>	4	41.1	52.2	72	5	100	04/10
Bates RS4	<b>29.4</b>	<b>26.0</b>	7	38.2	52.9	72	13	100	04/06
AGS 104	.	.	1	<b>46.4</b>	54.5	73	0	100	04/12
Early Graze	.	.	2	<b>44.7</b>	54.6	73	8	100	04/12
Florida 401	.	.	5	40.7	53.2	73	0	100	04/12
Wrens Abruzzi	.	.	8	38.0	53.9	72	28	100	04/10
Average	32.1	28.4		41.0 <sup>2</sup>	53.7	72	7	100	04/10
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		4.7	1.2	N.S.	15	-	-
Std. Err. of Entry Mean	1.0	1.0		1.9	0.5	1	6	-	-

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 9.4%, and df for EMS = 24.

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 18, 2009.

Harvested: May 26, 2010.

Seeding Rate: 18 seeds per foot in 7" rows.

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 50 lb N, 50 lb P<sub>2</sub>O<sub>5</sub>, and 50 lb K<sub>2</sub>O/acre.  
 Topdress: 54 lb N/acre.

Management: Disked, chisel plowed and rototilled.

Previous Crop: Small grain.

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

## Griffin, Georgia: Rye Grain Performance, 2009-2010

Brand-Variety	Yield <sup>1</sup>		2010 Data						
	3-Year Average	2-Year Average	Rank	Yield <sup>1</sup>	Test Wt	Ht	Lodg.	Winter Survival	Head Date
	----- bu/acre	----- bu/acre		bu/acre	lb/bu	in	%	%	mo/day
Maton II	<b>41.1</b>	<b>35.7</b>	1	<b>46.6</b>	53.5	67	95	100	40282
Bates RS4	<b>40.8</b>	<b>36.4</b>	5	<b>39.8</b>	52.9	68	98	100	40282
NF95307A	<b>39.8</b>	<b>39.3</b>	2	<b>43.1</b>	53.9	65	93	100	40282
Wintergrazer 70	<b>38.9</b>	<b>36.1</b>	4	<b>40.9</b>	52.4	70	99	100	40281
Wrens 96	<b>35.7</b>	<b>32.6</b>	8	27.4	52.9	70	98	100	40282
AGS 104	.	.	3	<b>41.8</b>	53.1	67	91	100	40281
Wrens Abruzzi	.	.	6	35.7	52.6	70	96	100	40281
Early Graze	.	.	7	34.1	52.9	69	95	100	40281
Florida 401	.	.	9	25.6	50.1	65	96	100	40281
Average	39.3	36.0		37.2 <sup>2</sup>	52.7	68	96	100	40281
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		6.9	N.S.	N.S.	3	-	01
Std. Err. of Entry Mean	1.3	1.8		2.9	0.8	2	1	-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 15.4%, and df for EMS = 24.

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 9, 2009.

Harvested: June 2, 2010.

Seeding Rate: 18 seeds per foot in 7" rows.

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 20 lb N, 40 lb P<sub>2</sub>O<sub>5</sub>, and 60 lb K<sub>2</sub>O/acre.  
 Topdress: 65 lb N/acre.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Wheat.

Test conducted by J. Gassett and G. Ware.

## Marianna, Florida: Rye Grain Performance, 2009-2010

Brand-Variety	Yield <sup>1</sup>		2010 Data						
	3-Year	2-Year	Rank	Yield <sup>1</sup>	Test	Ht	Lodg.	Winter	Head
	Average	Average							
----- bu/acre -----			bu/acre	lb/bu		%	%	mo/day	
Wintergrazer 70	<b>22.6</b>	<b>27.4</b>	3	<b>25.2</b>	50.9	.	.	100	04/12
NF95307A	<b>21.4</b>	<b>27.3</b>	4	<b>21.7</b>	48.2	.	.	100	04/11
Bates RS4	<b>20.1</b>	<b>25.2</b>	5	19.4	49.1	.	.	100	04/17
Wrens 96	<b>19.5</b>	<b>21.2</b>	8	17.0	49.1	.	.	100	04/17
Maton II	<b>17.6</b>	<b>22.0</b>	6	18.4	47.4	.	.	100	04/17
AGS 104	.	.	1	<b>26.5</b>	50.4	.	.	100	04/11
Florida 401	.	.	2	<b>26.3</b>	49.0	.	.	100	04/08
Wrens Abruzzi	.	.	7	17.5	48.9	.	.	100	04/14
Early Graze	.	.	9	16.0	48.6	.	.	100	04/15
Average	20.2	24.6		20.9 <sup>2</sup>	49.1	.	.	100	04/13
LSD at 10% Level	N.S. <sup>3</sup>	N.S.		5.1	-			-	01
Std. Err. of Entry Mean	1.4	1.5		2.2	-			-	01

1. Yields calculated as 56 pounds per bushel at 13.0% moisture.

2. C.V. = 20.3%, and df for EMS = 24.

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: January 12, 2010.

Harvested: June 10, 2010.

Seeding Rate: 18 seeds per foot in 7" rows.

Soil Type: Orangeburg loamy sand.

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

Fertilization: Preplant: 54 lb N, 27 lb P<sub>2</sub>O<sub>5</sub>, and 54 lb K<sub>2</sub>O/acre.

Topdress: 50 lb N/acre.

Management: Disked; Buctril and Harmony Extra used for weed control.

Test conducted by J. Jones.

## Summary of Rye Yields: Georgia, 2009-2010 with Two- and Three-Year Averages

Brand-Variety	Yield <sup>1</sup>								
	South <sup>2</sup>			North <sup>3</sup>			Statewide		
	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010	3-Year Average	2-Year Average	2010
	----- bu/acre -----								
AGS 104	.	.	<b>46.4</b>	.	.	<b>41.8</b>	.	.	<b>44.1</b>
Bates RS4	<b>29.4</b>	<b>26.0</b>	38.2	<b>40.8</b>	<b>36.4</b>	<b>39.8</b>	<b>35.1</b>	<b>31.2</b>	<b>39.0</b>
Early Graze	.	.	<b>44.7</b>	.	.	34.1	.	.	<b>39.4</b>
Florida 401	.	.	40.7	.	.	25.6	.	.	<b>33.1</b>
Maton II	<b>30.2</b>	<b>26.4</b>	41.1	<b>41.1</b>	<b>35.7</b>	<b>46.6</b>	<b>35.7</b>	<b>31.1</b>	<b>43.9</b>
NF95307A	<b>31.6</b>	<b>27.4</b>	39.7	<b>39.8</b>	<b>39.3</b>	<b>43.1</b>	<b>35.7</b>	<b>33.3</b>	<b>41.4</b>
Wintergrazer 70	<b>35.3</b>	<b>31.1</b>	<b>42.7</b>	<b>38.9</b>	<b>36.1</b>	<b>40.9</b>	<b>37.1</b>	<b>33.6</b>	<b>41.8</b>
Wrens 96	<b>34.1</b>	<b>31.2</b>	37.4	<b>35.7</b>	<b>32.6</b>	27.4	<b>34.9</b>	<b>31.9</b>	<b>32.4</b>
Wrens Abruzzi	.	.	38.0	.	.	35.7	.	.	<b>36.8</b>
Average	32.1	28.4	41.0	39.3	36.0	37.2	35.7	32.2	39.1
LSD at 10% Level	N.S. <sup>4</sup>	N.S.	4.7	N.S.	N.S.	6.9	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	1.0	1.0	1.9	1.3	1.8	2.9	1.0	1.0	1.7

1. Yields calculated at 56 pounds per bushel at 13.0% moisture.
  2. Tifton.
  3. Griffin.
  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).