

Tifton, Georgia: Triticale Silage Performance, 2013-2014

Brand-Variety	Forage Yield		Plant Height	Dry Matter	Lodging	2-Yr Avg Dry Yield	Head Date
	Dry	Green					
	tons/acre	tons/acre	in	%	%	tons/acre	
Trical 342	6.8	24.5	.	28	0	5.7	03/24
FL01008	5.9	22.3	.	26	0	5.1	03/19
SS Triticale 1414	5.7	21.6	.	26	0	.	03/30
FL01143	5.4	22.7	.	24	0	5.1	03/28
Monarch	5.2	22.9	.	23	0	4.3	03/28
NC07-1088	4.9	23.6	.	21	0	4.7	04/01
NC07-1031	4.9	22.5	.	22	0	.	03/28
NF 96210	4.6	20.6	.	22	0	.	03/26
NC08-26	4.6	22.2	.	21	0	4.6	04/02
Arcia	4.5	22.5	.	20	0	.	04/03
Average	5.2 ¹	22.5 ²	.	23	0	4.9	03/28
LSD at 10% Level	0.6	N.S. ³		2	-	N.S.	02
Std. Err. of Entry Mean	0.3	0.8		1	-	0.3	01

1. CV = 9.9%, and df for EMS = 27.

2. CV = 7.2%, and df for EMS = 27.

3. The F-test indicated no statistical differences 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 25, 2013.

Harvested: April 11, 2014.

Seeding Rate: 27 seeds per acre in 30-inch rows.

Soil Type: Tifton sandy loam.

Soil Test: P = High, K = Medium, and pH = 5.3.

Fertilization: 46 lb N, 0 lb P₂O₅, and 46 lb K₂O/acre as preplant; 80 lb N/acre as topdress.

Previous Crop: Summer annuals.

Management: Disked, moldboard plowed, and rototilled; applied 1,000 lb lime.

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

Griffin, Georgia: Triticale Silage Performance, 2013-2014

Brand-Variety	Forage Yield		Plant Height in	Dry Matter %	Lodging %	2-Yr Avg Dry Yield tons/acre	Head Date
	Dry tons/acre	Green					
FL01008	4.4	15.4	.	29	0	3.1	.
Trical 342	4.3	18.2	.	24	0	3.1	.
FL01143	4.0	16.9	.	23	0	3.0	.
Arcia	3.8	15.1	.	25	0	.	.
Monarch	3.7	15.6	.	24	0	2.7	.
NC07-1088	3.6	15.6	.	23	0	2.6	.
NC07-1031	3.5	15.9	.	22	0	.	.
SS Triticale 1414	3.5	17.5	.	20	0	.	.
NF 96210	3.2	16.7	.	19	0	.	.
NC08-26	3.0	13.4	.	22	0	2.4	.
Average	3.7 ¹	16.0 ²	.	23	0	2.8	.
LSD at 10% Level	0.5	1.4	-	2	-	N.S. ³	
Std. Err. of Entry Mean	0.2	0.6	-	1	-	0.2	

1. CV = 11.0%, and df for EMS = 27.

2. CV = 7.0%, and df for EMS = 27.

3. The F-test indicated no statistical differences 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 30, 2013.

Harvested: April 4, 2014.

Seeding Rate: 27 seeds per acre in 30-inch rows.

Soil Type: Cecil sandy loam.

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

Fertilization: 30 lb N, 60 lb P₂O₅, and 90 lb K₂O/acre as preplant; 90 lb N/acre as topdress.

Previous Crop: Soybeans.

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

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

Statewide Summary: Triticale Silage Yields, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Yield																	
	South ¹						North ²						Statewide					
	2014		2-Yr Average		3-Yr Average		2014		2-Yr Average		3-Yr Average		2014		2-Yr Average		3-Yr Average	
	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry	Green	Dry
----- tons/acre -----																		
Arcia	22.5	4.5	.	.	.	.	15.1	3.8	.	.	.	.	18.8	4.1	.	.	.	.
FL01008	22.3	5.9	16.8	5.1	14.3	4.4	15.4	4.4	10.8	3.1	9.1	2.4	18.8	5.1	13.8	4.1	11.7	3.4
FL01143	22.7	5.4	17.4	5.1	15.0	4.5	16.9	4.0	12.2	3.0	10.1	2.4	19.8	4.7	14.8	4.1	12.6	3.4
Monarch	22.9	5.2	15.8	4.3	13.9	3.8	15.6	3.7	11.4	2.7	9.7	2.2	19.3	4.4	13.6	3.5	11.8	3.0
NC07-1031	22.5	4.9	.	.	.	.	15.9	3.5	.	.	.	.	19.2	4.2	.	.	.	.
NC07-1088	23.6	4.9	18.1	4.7	.	.	15.6	3.6	11.4	2.6	.	.	19.6	4.2	14.8	3.7	.	.
NC08-26	22.2	4.6	17.5	4.6	.	.	13.4	3.0	10.4	2.4	.	.	17.8	3.8	14.0	3.5	.	.
NF 96210	20.6	4.6	.	.	.	.	16.7	3.2	.	.	.	.	18.6	3.9	.	.	.	.
SS Triticale 1414	21.6	5.7	.	.	.	.	17.5	3.5	.	.	.	.	19.5	4.6	.	.	.	.
Trical 342	24.5	6.8	18.5	5.7	15.6	4.8	18.2	4.3	13.0	3.1	10.8	2.5	21.3	5.6	15.7	4.4	13.2	3.6
Average																		
Average	22.5	5.3	17.4	4.9	14.7	4.4	16.0	3.7	11.5	2.8	9.9	2.4	19.3	4.5	14.5	3.9	12.3	3.4
LSD at 10% Level	N.S. ³	0.6	N.S.	N.S.	N.S.	N.S.	1.4	0.5	N.S.	N.S.	N.S.	N.S.	N.S.	0.4	0.9	0.3	0.6	0.2
Std. Err. of Entry Mean	0.8	0.3	0.7	0.3	0.5	0.2	0.6	0.2	0.2	0.1	0.2	0.1	0.7	0.2	0.4	0.1	0.3	0.1

1. Tifton.

2. Griffin.

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).