

Tifton, Georgia: Triticale Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date					
	2-03-10	3-09-10	4-02-10	2010	2-Yr Avg	
----- lb/acre -----						
NCPT01-1433	558	2170	2662	5389	4187	
NF96210	344	1590	3049	4983	.	
DH-100	723	1673	2570	4966	.	
Trical 2700	776	1468	2684	4927	4030	
Trical 342	1403	1671	1560	4633	3735	
Average	761	1714	2505	4979 ¹	3984	
LSD at 10% Level	341	266	218	N.S. ²	N.S.	
Std. Err. of Entry Mean	135	106	86	209	122	

1. C.V. = 8.4%, and df for EMS = 12.
2. 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 2, 2009.
 Seeding Rate: 27 seed/foot in 7" rows.
 Soil Type: Tifton loamy sand.
 Soil Test: P = High, K = Medium, and pH = 6.2.
 Fertilization: Preplant: 50 lb N, 50 lb P₂O₅, and 50 lb K₂O/acre.
 Topdress: 54 lb N/acre after 1st and 2nd harvests.
 Management: Disked, chisel plowed and rototilled.
 Previous Crop: Canola.

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

Plains, Georgia: Triticale Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date					
	2-18-10	3-24-10	4-22-10	2010	2-Yr Avg	
----- lb/acre -----						
NCPT01-1433	1220	2788	2980	6987	5602	
Trical 2700	1878	2418	2657	6952	5662	
Trical 342	2374	2466	1856	6696	5017	
DH-100	1494	2226	2758	6478	.	
NF96210	558	2989	2670	6216	.	
Average	1505	2577	2584	6666 ¹	5427	
LSD at 10% Level	301	315	N.S. ²	N.S.	N.S.	
Std. Err. of Entry Mean	120	175	286	276	178	

1. C.V. = 8.2%, and df for EMS = 12.
2. 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 5, 2009.
 Seeding Rate: 27 seed/foot in 7" rows.
 Soil Type: Greenville sandy loam.
 Soil Test: P = Medium, K = Medium, and pH = 6.1.
 Fertilization: Preplant: 20 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.
 Topdress: 40 lb N/acre after 1st and 2nd harvests.
 Management: Disked, bedded and rototilled.
 Previous Crop: Peanuts.

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

Griffin, Georgia: Triticale Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield			
	Harvest Date		Season Totals	
	3-24-10	4-22-10	2010	2-Yr Avg
----- lb/acre -----				
Trical 342	4419	1319	5738	5460
Trical 2700	2994	2383	5376	5660
DH-100	3392	1678	5070	.
NCPT01-1433	3228	1772	5000	4959
NF96210	2024	2104	4127	.
Average	3211	1851	5062 ¹	5360
LSD at 10% Level	665	429	557	N.S. ²
Std. Err. of Entry Mean	264	170	221	226

1. C.V. = 8.7%, and df for EMS = 12.

2. 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 20, 2009.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

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

Fertilization: Preplant: 50 lb N, 100 lb P₂O₅, and 150 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st harvest.

Management: Chisel plowed, disked and rototilled.

Previous Crop: Sorghum.

Test conducted by J. Gassett and G. Ware.

Marianna, Florida: Triticale Forage Performance, 2009-2010

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2010	2-Yr Avg
	2-11-10	3-10-10	3-30-10	4-21-10		
----- lb/acre -----						
NCPT01-1433	242	1257	2823	377	4699	4238
Trical 342	1493	779	1883	284	4439	3680
NF96210	150	1159	2720	344	4373	.
DH-100	361	1012	2519	451	4342	.
Trical 2700	613	1188	1987	520	4307	3760
Average	572	1079	2386	395	4432 ¹	3893
LSD at 10% Level	230	185	302	102	N.S. ²	N.S.
Std. Err. of Entry Mean	91	74	120	40	160	95

1. C.V. = 7.2%, and df for EMS = 12.

2. 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 11, 2009.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 30 lb N, 0 lb P₂O₅, and 60 lb K₂O/acre.

Topdress: 51 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control; irrigated 0.75" on April 16, 2010 and April 24, 2010.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary: Triticale Forage Performance, 2009-2010 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield											
	Tifton			Plains			Griffin			Statewide		
	2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr		2-Yr	3-Yr	
	2010	Avg	Avg	2010	Avg	Avg	2010	Avg	Avg	2010	Avg	Avg
----- lb/acre -----												
DH-100	4966	.	.	6478	.	.	5070	.	.	5504	.	.
NCPT01-1433	5389	4187	.	6987	5602	.	5000	4959	.	5792	4916	.
NF96210	4983	.	.	6216	.	.	4127	.	.	5109	.	.
Trical 2700	4927	4030	5721	6952	5662	5912	5376	5660	6757	5752	5117	6130
Trical 342	4633	3735	4751	6696	5017	5595	5738	5460	6608	5689	4737	5651
Average	4979	3984	5236	6666	5427	5754	5062	5360	6683	5569	4923	5891
LSD at 10% Level	N.S. ¹	N.S.	N.S.	N.S.	N.S.	N.S.	557	N.S.	N.S.	N.S.	N.S.	N.S.
Std. Err. of Entry Mean	209	122	92	276	178	187	221	226	164	137	104	125

1. The F-Test indicated no statistical difference at the alpha = 0.1 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).

Tifton, Georgia: Triticale Silage Performance, 2009-2010

Brand-Variety	Forage Yields*		Plant Height in	Dry Matter %
	Dry	Green		
	----- tons/acre -----			
Trical 342	6.5	14.4	.	45
NCPT01-1433	6.2	15.0	.	41
DH-100	5.9	14.7	.	40
NC05-19896	5.8	13.6	.	43
Trical 2700	5.2	12.4	.	42
NF96210	5.0	12.3	.	41
Average	5.8 ¹	13.7 ²	.	42
LSD at 10% Level	0.4	0.9		2
Std. Err. of Entry Mean	0.1	0.4		1

* Harvested at early dough (just past milk stage).

1. C.V. = 5.0%, and df for EMS = 15.

2. C.V. = 5.3%, and df for EMS = 15.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: November 2, 2009.

Harvested: April 29, 2010.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

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

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

Topdress: 54 lb N/acre.

Management: Disked, chisel plowed and rototilled.

Previous Crop: Canola.

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

Griffin, Georgia: Triticale Silage Performance, 2009-2010

Brand-Variety	Forage Yields*		Plant Height in	Dry Matter %
	Dry ----- tons/acre -----	Green		
DH-100	4.7	15.0	.	32
Trical 342	4.5	10.8	.	42
Trical 2700	3.8	10.9	.	35
NF96210	3.4	9.5	.	36
NCPT01-1433	3.2	9.3	.	35
Average	3.9 ¹	11.1 ²	.	36
LSD at 10% Level	0.5	1.7		1
Std. Err. of Entry Mean	0.2	0.7		1

* Harvested at early dough (just past milk stage).

1. C.V. = 10.7%, and df for EMS = 12.

2. C.V. = 12.4%, and df for EMS = 12.

Bolding indicates entries yielding equal to highest yielding entry within a column based on Fisher's protected LSD (P = 0.10).

Planted: October 20, 2009.

Harvested: April 21, 2010.

Seeding Rate: 27 seed/foot in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.5.

Fertilization: Preplant: 50 lb N, 100 lb P₂O₅, and 150 lb K₂O/acre.

Topdress: 50 lb N/acre in mid-February.

Management: Chisel plowed, disked and rototilled; Headline applied for rust control.

Previous Crop: Soybeans.

Test conducted by J. Gassett and G. Ware.