

Ryegrass

Tifton, Georgia: Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield					
	Harvest Date				Season Totals	
	12-11-13	02-06-14	03-11-14	04-11-14	2014	2-Yr Avg
----- lb/acre -----						
TAMTBO	1187	1655	3740	4233	10815	8234
ME4	1430	1580	3272	4405	10686	8201
TetraStar	1438	1819	3458	3953	10667	8197
Big Boss	1318	1753	3436	4050	10557	.
RM exp. 2013A	1252	1862	3437	3891	10442	.
FL Red 4x ER	1329	1830	3860	3424	10442	.
Nelson	1568	1884	3161	3695	10308	7870
Early Ploid	1372	1851	4039	3032	10294	.
Attain	1430	1856	2930	4060	10276	.
Fria	1307	1579	3655	3708	10249	7650
Marshall	1242	1579	3107	4224	10151	7623
Chuckwagon	1329	1841	3089	3854	10113	8056
Prine	1252	1753	3120	3968	10093	.
ME-94	1165	1557	3295	4027	10045	7843
FL4XMarona	1198	1786	3981	3063	10027	.
M2CVS	1623	1525	2940	3931	10019	7427
Passerel Plus	1448	1764	3125	3635	9972	7447
Diamond T	1436	1753	2907	3855	9950	7817
GA-103 F	1351	1775	3489	3273	9887	.
GA-102 A	1209	1786	3253	3575	9824	.
Lonestar	1568	1754	2930	3551	9802	7695
FL SME	1133	1858	3848	2939	9778	.
RM exp. 2013B	1318	1775	3018	3531	9641	.
Maximus	1383	1666	2875	3707	9631	7484
Flying A	1742	1623	2597	3623	9585	7601
FL4XMarmid	1111	1557	3615	3302	9584	.
Jackson	1176	1448	3361	3540	9526	7584
DH-3	1372	1677	3056	3404	9509	7738
Winterhawk	1078	1416	3309	3700	9502	7385
SARG-KOWE	1296	1394	3214	3440	9343	.
Ed	1242	1775	2792	3455	9263	.
FL PEER	828	1699	3582	2920	9028	.
FL ER	1089	1764	3486	2674	9013	.
SARG-KOSP	1100	1634	3272	2887	8892	.
GA-101 M	1350	1383	2356	3650	8740	.
FL SER	1187	1590	3144	2524	8445	.
Bulldog Grazer	632	1567	3025	3186	8410	7256
Average	1283	1686	3264	3564	9797 ¹	7728
LSD at 10% Level	322	269	482	486	778	N.S. ²
Std. Err. of Entry Mean	137	114	206	208	332	226

Tifton, Georgia: Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 6.8%, and df for EMS = 108.
2. 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 17, 2013.

Seeding Rate: 50 lb per acre in 7" rows.

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 46 lb N, 0 lb P₂O₅, and 46 lb K₂O/acre.

Topdress: 40 lb N/acre after first, second, and third harvests.

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

Previous Crop: Summer annuals.

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

Plains, Georgia: Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	01-23-14	02-25-14	04-01-14	2014	2-Yr Avg
----- lb/acre -----					
ME4	1502	2244	4763	8508	8012
Fria	1195	2273	4698	8165	7633
Lonestar	1307	1971	4786	8064	7917
TAMTBO	1133	1743	5147	8022	7932
M2CVS	1459	1688	4823	7971	7739
Ed	1307	1982	4673	7961	.
Marshall	1329	1819	4729	7876	8120
ME-94	1253	1971	4609	7833	7835
SARG-KOSP	1448	2069	4306	7823	.
Jackson	1155	1514	5069	7737	7690
DH-3	1122	1923	4624	7669	7404
Prine	1470	2058	4133	7662	.
FL4XMarmid	958	2276	4413	7647	.
Nelson	1383	1808	4428	7619	7668
Winterhawk	1165	1960	4489	7614	7303
TetraStar	1176	1601	4811	7588	7304
GA-102 A	1282	2157	4139	7577	.
FL Red 4x ER	1329	1645	4589	7562	.
RM exp. 2013A	1427	1993	4119	7538	.
Big Boss	1481	1470	4555	7506	.
FL4XMarona	1263	2015	4202	7479	.
Passerel Plus	1568	1645	4236	7449	7416
Flying A	1144	1775	4484	7402	7200
Diamond T	1274	1699	4340	7313	7328
GA-101 M	1023	1383	4824	7230	.
GA-103 F	915	1655	4593	7164	.
FL PEER	871	1666	4576	7113	.
SARG-KOWE	629	2015	4461	7104	.
Attain	1612	1721	3740	7073	.
RM exp. 2013B	1231	1623	4163	7016	.
Maximus	1723	1438	3830	6990	7419
Early Ploid	1024	1895	4038	6957	.
Chuckwagon	1024	2058	3630	6712	7222
FL SME	1144	1873	3465	6482	.
Bulldog Grazer	273	1688	4146	6106	6585
FL ER	926	1917	3216	6058	.
FL SER	1176	1645	3213	6033	.
Average	1208	1834	4353	7395 ¹	7540
LSD at 10% Level	399	N.S. ²	566	622	N.S.
Std. Err. of Entry Mean	170	215	242	265	165

Plains, Georgia: Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 7.2%, and df for EMS = 108.
2. 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 31, 2013.

Seeding Rate: 50 lb per acre in 7" rows.

Soil Type: Greenville sandy loam.

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

Fertilization: Preplant: 15 lb N, 66 lb P_2O_5 , and 18 lb K_2O /acre.

Topdress: 80 lb N/acre and 40 lb N/acre after first and second harvest.

Management: Disked and rototilled.

Previous Crop: Cotton.

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

Griffin, Georgia: Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	03-24-14	04-02-14	05-08-14	2014	2-Yr Avg
----- lb/acre -----					
ME4	1984	4512	6530	13025	15386
ME-94	1265	5466	5851	12582	14448
Winterhawk	2039	4430	5995	12463	14698
GA-101 M	1344	4652	6290	12285	.
Marshall	1292	4485	6041	11818	15505
Lonestar	1759	3794	6161	11714	15012
Fria	1710	4279	5694	11683	14200
Prine	1088	4229	6138	11455	.
Nelson	789	4487	6154	11430	14563
FL PEER	1040	4408	5956	11404	.
SARG-KOSP	1093	4864	5306	11263	.
Jackson	1405	4114	5632	11151	14311
M2CVS	1347	4068	5707	11122	14314
RM exp. 2013A	1274	4046	5801	11120	.
RM exp. 2013B	830	4024	6252	11106	.
Ed	1399	4051	5583	11032	.
SARG-KOWE	875	4095	6016	10986	.
Flying A	1822	3694	5454	10970	13077
Attain	1060	4279	5611	10949	.
GA-102 A	1275	4047	5603	10925	.
Bulldog Grazer	727	4156	5814	10696	12409
FL4XMarmid	812	4432	5428	10672	.
DH-3	1377	4039	5256	10671	13486
Maximus	745	3682	6221	10648	13577
GA-103 F	1255	3946	5343	10543	.
Chuckwagon	967	3681	5856	10505	13708
Early Ploid	1256	3824	5210	10290	.
Diamond T	1002	3399	5836	10236	12512
Big Boss	1023	3354	5848	10225	.
TetraStar	946	3534	5684	10164	12590
Passerel Plus	1317	3381	5221	9919	12397
TAMTBO	925	3538	5391	9854	13596
FL Red 4x ER	908	3922	4962	9792	.
FL SME	1216	3408	4926	9550	.
FL ER	1044	3114	4874	9032	.
FL4XMarona	781	3645	4542	8968	.
FL SER	873	2722	4559	8154	.
Average	1185	3995	5642	10822 ¹	13877
LSD at 10% Level	413	519	691	1007	918
Std. Err. of Entry Mean	176	221	294	429	391

Griffin, Georgia: Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 7.9%, and df for EMS = 108.

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

Planted: October 23, 2013.

Seeding Rate: 50 lb per acre in 7" rows.

Soil Type: Appling sandy loam.

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

Fertilization: Preplant: 50 lb N, 100 lb P_2O_5 , and 150 lb K_2O /acre.

Topdress: 50 lb N/acre after first and second harvests.

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

Previous Crop: Wheat.

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

Calhoun, Georgia: Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield				Season Totals		Survival %
	Harvest Date				2014	2-Yr Avg	
	03-11-14	04-03-14	05-08-14	06-16-14			
----- lb/acre -----							
Marshall	2170	2833	3362	3280	11645	15136	82
ME-94	1704	2725	3694	3423	11546	14611	80
Big Boss	1067	2185	4207	3846	11305	.	77
Attain	1091	2158	4210	3753	11212	.	78
M2CVS	1514	2962	3713	2990	11179	13730	83
RM exp. 2013A	1146	1999	4031	3981	11157	.	75
Winterhawk	1950	2497	3423	3213	11084	14941	77
FL PEER	1505	2106	4094	3263	10968	.	70
Diamond T	1067	2286	3947	3607	10907	14059	85
RM exp. 2013B	1164	1866	3802	4008	10840	.	80
Chuckwagon	1384	2256	3268	3865	10773	13503	73
TAMTBO	1241	1993	3961	3532	10727	13784	85
ME4	1978	2650	3110	2944	10682	14732	80
Fria	1442	2358	3739	3088	10627	14353	72
Ed	1467	2004	3697	3440	10608	.	77
Nelson	1268	1881	4114	3336	10600	14502	78
GA-102 A	1139	2087	4030	3310	10566	.	82
Prine	1300	2260	3482	3498	10540	.	80
Jackson	1692	2542	3261	2990	10485	14010	70
Flying A	1496	2031	3545	3372	10443	13215	67
Bulldog Grazer	1029	2441	3652	3012	10134	12189	75
Lonestar	1434	2234	3620	2729	10018	13541	75
FL SME	1179	1826	3848	3153	10006	.	75
Maximus	934	2162	3437	3270	9803	13424	72
SARG-KOWE	1142	2483	3282	2888	9794	.	75
Early Ploid	1148	1700	3766	3043	9658	.	83
GA-101 M	1532	2355	2886	2700	9473	.	70
DH-3	1227	2409	3187	2561	9385	13040	75
SARG-KOSP	1440	2058	3110	2484	9092	.	80
TetraStar	849	1880	3470	2830	9029	12462	75
FL Red 4x ER	1154	1808	3194	2845	9001	.	60
GA-103 F	1238	1902	2878	2691	8709	.	62
FL ER	1029	1490	2939	3054	8512	.	80
Passerel Plus	1309	2041	2424	2517	8292	11958	65
FL SER	578	1232	2582	2699	7090	10746	78
Average	1315	2163	3513	3178	10168 ¹	13576	76
LSD at 10% Level	286	354	835	650	1436	1114	8.8
Std. Err. of Entry Mean	121	150	354	276	609	474	3.7

Calhoun, Georgia: Ryegrass Forage Performance, 2013-2014 (Continued)

1. C.V. = 10.4%, and df for EMS = 68.

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

Planted: October 10, 2013.

Seeding Rate: 50 lb per acre in 7" rows.

Soil Type: Rome gravelly loam.

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

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

Topdress: 50 lb N/acre after first, second, and third harvests.

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.

Marianna, Florida: Ryegrass Forage Performance, 2013-2014

Brand-Variety	Dry Matter Yield				
	Harvest Date			Season Totals	
	02-18-14	03-21-14	04-22-14	2014	2-Yr Avg
----- lb/acre -----					
Early Ploid	771	4277	3669	8717	.
FL SER	870	4307	3337	8514	8622
FL SME	480	4618	3250	8348	.
FL4XMarmid	671	4291	3200	8162	.
FL ER	542	4275	3338	8155	.
Lonestar	534	4101	3444	8078	8425
FL Red 4x ER	936	3894	3182	8011	.
Marshall	244	3436	4248	7928	8371
TetraStar	737	3608	3531	7875	8374
M2CVS	182	3636	4010	7827	7805
FL4XMarona	764	3773	3272	7809	.
Jumbo	392	3713	3700	7805	8432
RM exp. 2013A	726	3596	3474	7795	.
GA-102 A	640	3684	3421	7745	.
Jackson	219	3838	3632	7689	8211
SARG-KOSP	291	3783	3614	7687	.
GA-103 F	485	3926	3260	7671	.
Nelson	554	3331	3763	7648	8580
Prine	434	3263	3904	7601	.
ME4	201	3522	3847	7569	8114
DH-3	316	3624	3503	7442	7777
Fria	206	3818	3413	7436	7733
Flying A	435	3787	3159	7381	7181
TAMTBO	501	3422	3425	7349	8200
SARG-KOWE	187	3672	3490	7348	.
Ed	336	3888	3097	7321	.
ME-94	324	3693	3270	7287	7764
Big Boss	664	3289	3307	7260	.
RM exp. 2013B	738	3223	3279	7240	.
GA-101 M	159	3511	3542	7212	.
Attain	634	3267	3294	7195	.
Winterhawk	186	3640	3362	7189	7491
Chuckwagon	440	3294	3365	7099	8160
Diamond T	625	3213	3260	7099	7977
Passerel Plus	452	3300	3343	7094	7640
FL PEER	248	3488	3315	7051	.
Bulldog Grazer	136	3303	3400	6839	7220
Average	466	3684	3457	7607 ¹	8004
LSD at 10% Level	262	459	353	696	658
Std. Err. of Entry Mean	111	196	151	297	280

**Marianna, Florida:
Ryegrass Forage Performance, 2013-2014
(Continued)**

1. C.V. = 7.8%, and df for EMS = 108.

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

Planted: October 23, 2013.

Seeding Rate: 50 lb per acre in 7" rows.

Soil Type: Chipola loamy sand.

Soil Test: P = Medium, K = High, and pH = 5.7.

Fertilization: Preplant: 30 lb N, 0 lb P₂O₅, 20 lb K₂O, and 28 lb S/acre.

Topdress: 50 lb N/acre after first and second harvests.

Management: Moldboard plowed and rototilled; Buctril and Harmony Extra used for weed control.

Previous Crop: Corn.

Test conducted by J. Jones.

Statewide Summary: Ryegrass Forage Yields, 2013-2014 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield														
	Tifton			Plains			Griffin			Calhoun			Statewide		
	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg	2014	2-Yr Avg	3-Yr Avg
-----lb/acre-----															
Attain	10276	.	.	7073	.	.	10949	.	.	11212	.	.	9877	.	.
Big Boss	10557	.	.	7506	.	.	10225	.	.	11305	.	.	9898	.	.
Bulldog Grazer	8410	7256	6954	6106	6585	7351	10696	12409	13455	10134	12189	12216	8837	9610	9994
Chuckwagon	10113	8056	.	6712	7222	.	10505	13708	.	10773	13503	.	9525	10622	.
DH-3	9509	7738	6948	7669	7404	8146	10671	13486	13448	9385	13040	13048	9308	10417	10398
Diamond T	9950	7817	7029	7313	7328	8011	10236	12512	13298	10907	14059	14374	9601	10429	10678
Early Ploid	10294	.	.	6957	.	.	10290	.	.	9658	.	.	9299	.	.
Ed	9263	.	.	7961	.	.	11032	.	.	10608	.	.	9716	.	.
FL ER	9013	.	.	6058	.	.	9032	.	.	8512	.	.	8154	.	.
FL PEER	9028	.	.	7113	.	.	11404	.	.	10968	.	.	9628	.	.
FL Red 4x ER	10442	.	.	7562	.	.	9792	.	.	9001	.	.	9199	.	.
FL SER	8445	.	.	6033	.	.	8154	.	.	7090	10746	.	7431	.	.
FL SME	9778	.	.	6482	.	.	9550	.	.	10006	.	.	8954	.	.
FL4XMarmid	9584	.	.	7647	.	.	10672	.	.	.	.	.	.	.	.
FL4XMarona	10027	.	.	7479	.	.	8968	.	.	.	.	.	.	.	.
Flying A	9585	7601	6793	7402	7200	8143	10970	13077	13386	10443	13215	13408	9600	10273	10432
Fria	10249	7650	6826	8165	7633	8248	11683	14200	14094	10627	14353	14073	10181	10959	10810
GA-101 M	8740	.	.	7230	.	.	12285	.	.	9473	.	.	9432	.	.
GA-102 A	9824	.	.	7577	.	.	10925	.	.	10566	.	.	9723	.	.
GA-103 F	9887	.	.	7164	.	.	10543	.	.	8709	.	.	9076	.	.
Jackson	9526	7584	6928	7737	7690	8337	11151	14311	13922	10485	14010	13632	9725	10899	10704
Lonestar	9802	7695	.	8064	7917	.	11714	15012	15446	10018	13541	.	9899	11041	.
M2CVS	10019	7427	6885	7971	7739	8390	11122	14314	.	11179	13730	13946	10073	10802	.
ME-94	10045	7843	7071	7833	7835	8264	12582	14448	.	11546	14611	14436	10501	11184	.
ME4	10686	8201	7734	8508	8012	8435	13025	15386	15398	10682	14732	14571	10725	11583	11534
Marshall	10151	7623	7019	7876	8120	8810	11818	15505	15205	11645	15136	14469	10372	11596	11375
Maximus	9631	7484	.	6990	7419	.	10648	13577	13560	9803	13424	.	9268	10476	.
Nelson	10308	7870	7235	7619	7668	8486	11430	14563	14475	10600	14502	13978	9989	11151	11044
Passerel Plus	9972	7447	6735	7449	7416	7932	9919	12397	13156	8292	11958	.	8908	9804	.
Prine	10093	.	.	7662	.	.	11455	.	.	10540	.	.	9937	.	.
RM exp. 2013A	10442	.	.	7538	.	.	11120	.	.	11157	.	.	10064	.	.
RM exp. 2013B	9641	.	.	7016	.	.	11106	.	.	10840	.	.	9651	.	.
SARG-KOSP	8892	.	.	7823	.	.	11263	.	.	9092	.	.	9267	.	.
SARG-KOWE	9343	.	.	7104	.	.	10986	.	.	9794	.	.	9307	.	.
TAMTBO	10815	8234	7378	8022	7932	8469	9854	13596	14553	10727	13784	13931	9855	10886	11083
TetraStar	10667	8197	.	7588	7304	.	10164	12590	13117	9029	12462	.	9362	10138	.
Winterhawk	9502	7385	6728	7614	7303	7818	12463	14698	14684	11084	14941	14165	10166	11082	10849
Average	9797	7728	7019	7395	7540	8203	10822	13877	14080	10168	13576	13865	9557	10720	10809
LSD at 10% Level	778	N.S. ¹	N.S.	622	N.S.	381	1007	918	809	N.S.	1114	N.S.	730	380	329
Std. Err. of Entry Mean	332	226	181	265	165	162	429	391	345	609	474	423	202	163	141

1. 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).