

Rye

Tifton, Georgia:

Rye Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield						Season Totals	
	Harvest Date					2005	2-Yr Avg	
	12-15-04	1-11-05	2-17-05	3-07-05	3-30-05			
----- lb/acre -----								
WR2001	588	1196	1442	1350	2370	6945	8269	
Gurley CGI87	403	991	1416	1420	2444	6674	7823	
Wintergrazer 70	545	924	1594	1368	2222	6652	8289	
Maton	621	954	1551	1316	2178	6619	8199	
Wintermore	697	1019	1621	1172	2056	6565	8131	
Elbon	392	922	1568	1403	2270	6554	7991	
Noble NF65	632	1159	1738	1072	1825	6425	8009	
Gurley Grazer 2000	512	828	1433	1303	2344	6418	7643	
Oklon	741	1002	1577	1202	1895	6417	8181	
Bates	686	1020	1558	1089	1865	6216	8164	
Hancock	610	1007	1433	1189	1852	6090	7085	
Early Graze	643	1109	1529	972	1756	6007	7525	
Wrens 96	948	1037	1494	828	1634	5940	7621	
FL96RP16-34-1	654	1209	1560	875	1568	5865	7102	
AGS104	893	1207	1433	719	1586	5838	7098	
Boss	839	936	1542	850	1529	5695	7027	
Wrens Abruzzi	751	970	1497	810	1451	5478	7038	
Average	656	1029	1529	1114	1932	6259 ¹	7717	
LSD at 10% Level	143	183	N.S. ²	162	165	395	295	
Std. Err. of Entry Mean	60	77	88	68	70	166	178	

1. C.V. = 5.3%, and df for EMS = 48.

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 1, 2004.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Tifton loamy sand.

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

Fertilization: Preplant: 26 lb N, 51 lb P₂O₅, and 77 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, 3rd, and 4th harvests.

Management: Paratilled and rototilled; Harmony Extra used for weed control.

Previous Crop: Summer annual forage.

Test conducted by A. E. Coy, R. B. Bennett, R. E. Brooke, and R. D. Burton.

Plains, Georgia: Rye Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield					
	Harvest Date				Season Totals	
	12-14-04	2-08-05	3-02-05	4-18-05	2005	2-Yr Avg
	----- lb/acre -----					
Gurley CGI87	1220	1263	1520	8292	12295	9767
Elbon	1318	1013	1895	6845	11070	9741
Wintergrazer 70	1438	1405	1738	6095	10675	9533
WR2001	1263	969	1673	6524	10429	9757
Oklon	1089	1350	1669	6214	10322	9438
Maton	1111	1133	1538	6371	10152	9557
Noble NF65	1612	1623	1634	5242	10110	9390
Gurley Grazer 2000	1165	1067	1520	6326	10078	8731
FL96RP16-34-1	1547	1481	1956	5004	9987	8743
Bates	1743	1361	1477	5402	9982	9264
Wintermore	1503	1165	1390	5788	9845	9304
Early Graze	1329	1503	1865	4941	9637	8801
Hancock	1275	1187	1542	5392	9395	8006
Wrens 96	1329	1231	1795	4953	9307	8542
Boss	1416	1252	1760	4744	9171	.
AGS104	1296	1285	1688	4306	8574	7881
Wrens Abruzzi	1285	1514	1873	3666	8338	8183
Average	1349	1282	1678	5653	9963 ¹	9040
LSD at 10% Level	N.S. ²	N.S.	N.S.	1179	1549	N.S.
Std. Err. of Entry Mean	195	188	170	497	653	373

1. C.V. = 13.1%, and df for EMS = 48.

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 19, 2004.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Greenville sandy loam.

Soil Test: P = Medium, K = High, and pH = 6.1.

Fertilization: Preplant: 56 lb N, 88 lb P₂O₅, and 24 lb K₂O/acre.

Topdress: 40 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Subsoiled and rototilled.

Previous Crop: Cotton.

Test conducted by A. E. Coy, R. D. Bennett, R. E. Brooke, R. D. Burton, R. R. Pines, and P. A. Rose.

Griffin, Georgia: Rye Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield					
	Harvest Date*				Season Totals	
	12-02-04	2-07-05	3-07-05	3-30-05	2005	2-Yr Avg
	----- lb/acre -----					
Bates	1285	1275	1554	1422	5536	4496
AGS104	1618	1770	1355	775	5517	4548
WR2001	1289	1021	1177	1913	5400	4327
Boss	1245	1427	1795	767	5234	4390
Wrens 96	1276	1669	1582	639	5166	4335
Wintermore	1164	882	1446	1437	4930	4064
Noble NF65	1082	1254	1439	1095	4870	4071
Gurley CGI87	1431	559	785	1999	4773	4108
Wrens Abruzzi	920	1434	1446	918	4718	3993
Maton	1049	764	1237	1655	4704	4080
FL96RP16-34-1	979	1313	1519	873	4683	4023
Elbon	994	852	927	1863	4635	4198
Oklon	1106	1010	1155	1364	4635	4050
Early Graze	1044	1321	1394	858	4616	4139
Wintergrazer 70	956	786	879	1834	4454	3983
Gurley Grazer 2000	696	455	607	2407	4166	3845
Hancock	1032	899	510	968	3409	3243
Average	1127	1099	1224	1340	4791 ¹	4111
LSD at 10% Level	282	246	264	218	683	N.S. ²
Std. Err. of Entry Mean	119	104	112	92	288	250

* Due to forage systems in Georgia and Florida, harvest season ends on or about March 31st.

1. C.V. = 12.0%, and df for EMS = 48.

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 8, 2004.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Appling coarse sandy loam.

Soil Test: P = High, K = Medium, and pH = 5.6.

Fertilization: Preplant: 49 lb N, 98 lb P₂O₅, and 147 lb K₂O/acre.

Topdress: 50 lb N/acre after 1st, 2nd, and 3rd harvests.

Management: Chisel plowed, disked, and rototilled.

Previous Crop: Fallow.

Test conducted by P. A. Rose.

Marianna, Florida: Rye Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield					
	Harvest Date				Season Totals	
	1-11-05	2-08-05	3-14-05	4-11-05	2005	2-Yr Avg
----- lb/acre -----						
Wintergrazer 70	866	1699	1362	2237	6164	5319
Early Graze	1523	1624	1175	1438	5761	4821
Elbon	962	1051	1395	2096	5504	4938
Wintermore	885	1330	1094	2184	5494	4795
Gurley CGI87	650	994	1183	2563	5390	5154
Gurley Grazer 2000	669	946	1125	2380	5121	4889
FL96RP16-34-1	1014	1669	692	1675	5050	4489
WR2001	941	1199	1008	1887	5035	4719
AGS104	1596	1315	860	1263	5034	4506
Boss	1456	1546	791	1136	4929	4431
Maton	916	961	1130	1888	4894	4626
Bates	976	1355	1102	1448	4881	4677
Noble NF65	688	1578	1136	1416	4818	4271
Wrens Abruzzi	1261	1405	985	1018	4669	4168
Wrens 96	1169	1331	918	1185	4603	4304
Hancock	722	937	835	1557	4050	3905
Average	1018	1309	1050	1711	5087 ¹	4626
LSD at 10% Level	333	318	327	415	681	-
Std. Err. of Entry Mean	139	133	136	173	284	-

1. C.V. = 9.8%, and df for EMS = 48.

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

Planted: November 1, 2004.

Seeding Rate: 36 seed/foot in 7" rows.

Soil Type: Chipola loamy sand.

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

Fertilization: Preplant: 50 lb N, 0 lb P₂O₅, and 0 lb K₂O/acre.

Topdress: 50 lb N/acre on December 21, 2004 and 50 lb N/acre on January 20, 2005.

Management: Moldboard plowed and rototilled.

Previous Crop: Small grain for grain.

Test conducted by J. Jones and A. Blount.

Statewide Summary: Rye Forage Performance, 2004-2005 with Two- and Three-Year Averages

Brand-Variety	Dry Forage Yield								
	Tifton		Plains		Griffin		Statewide		
	2005	3-Year Average	2005	3-Year Average	2005	3-Year Average	2005	2-Year Average	3-Year Average
	----- lb/acre -----								
AGS104	5838	6190	8574	6010	5517	3775	6643	6509	5325
Bates	6216	7028	9982	7129	5536	3848	7245	7308	6001
Boss	5695	6141	9171	.	5234	3573	6700	.	.
Early Graze	6007	6423	9637	6926	4616	3495	6753	6822	5615
Elbon	6554	.	11070	.	4635	.	7420	7310	.
FL96RP16-34-1	5865	.	9987	.	4683	.	6845	6622	.
Gurley CGI87	6674	6634	12295	7464	4773	3500	7914	7233	5866
Gurley Grazer 2000	6418	.	10078	.	4166	.	6887	6740	.
Hancock	6090	6119	9395	6098	3409	2736	6298	6111	4984
Maton	6619	.	10152	.	4704	.	7158	7279	.
Noble NF65	6425	6855	10110	7102	4870	3590	7135	7157	5849
Oklon	6417	6900	10322	7173	4635	3573	7124	7223	5882
WR2001	6945	.	10429	.	5400	.	7591	7451	.
Wintergrazer 70	6652	7026	10675	7224	4454	3321	7260	7268	5857
Wintermore	6565	6900	9845	7153	4930	3586	7113	7166	5879
Wrens 96	5940	6436	9307	6451	5166	3548	6804	6833	5478
Wrens Abruzzi	5478	6075	8338	6205	4718	3369	6178	6404	5216
Average	6259	6561	9963	6812	4791	3493	7004	6965	5632
LSD at 10% Level	395	279	1549	N.S. ¹	683	364	N.S.	400	273
Std. Err. of Entry Mean	186	100	653	246	288	130	244	144	98

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).