

Ryegrass

Tifton, Georgia:

Ryegrass 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	4-09-05			
----- lb/acre -----								
FLX2003(BD)4XLRCT	806	1657	1176	2470	1599	7708	.	
FLX2002(NEW3)LRCT	510	1623	1246	2716	1451	7545	9316	
ME3	623	1557	1033	2570	1760	7543	.	
Jumbo	701	1542	1276	2461	1485	7466	9780	
Prine	815	1590	1132	2426	1459	7422	9452	
M/FL X2004 (4X) LRCT	745	1732	1198	2426	1320	7421	.	
FLX2001(NEW1)4XLR	614	1762	1172	2404	1446	7398	.	
Passerel Plus	662	1664	1015	2365	1664	7370	9218	
WVPB SS-93-AR-K4N	676	1518	1146	2383	1555	7277	.	
WAX WMN97	470	1516	1089	2527	1464	7065	8749	
Grazer	627	1697	884	2531	1302	7041	.	
Ed	623	1701	1167	2248	1298	7038	9026	
Marshall	584	1473	1037	2439	1459	6991	9272	
Diamond T	723	1396	1015	2296	1546	6976	.	
ME94	610	1459	1024	2570	1250	6913	8917	
Jackson	518	1422	1067	2448	1451	6907	8846	
Rio	610	1588	1085	2435	1189	6906	9230	
TAM 90	571	1509	1046	2357	1416	6898	8692	
TXR2004-BAR	675	1470	998	2326	1242	6711	.	
Flying A	623	1431	1002	2339	1281	6676	.	
FLX2002(NEW3)LRCT Select	392	1433	1076	2426	1346	6673	.	
Common	553	1416	1054	2283	1355	6660	8692	
Big Daddy ARG	553	1568	976	2231	1320	6648	9272	
FL/NE X2004 (Misc. 2X) LRCT	492	1263	1063	2531	1272	6621	.	
FLX2003(NEW2)ER	545	1599	898	2300	1115	6456	8409	
Brigadier	201	1083	906	2668	1520	6378	8841	
LM5003B	750	1226	780	1886	1656	6297	.	
M/FL X2004 (New 4) LRCT	475	1414	941	2239	1228	6296	.	
LM5003A	436	1045	697	1878	1930	5985	.	
Pennington Shiwasaoba	645	1085	658	1852	1337	5576	7517	
Average	594	1481	1028	2368	1424	6895 ¹	8952	
LSD at 10% Level	194	216	147	169	182	494	348	
Std. Err. of Entry Mean	82	92	62	72	78	210	148	

1. C.V. = 6.1%, and df for EMS = 87.

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: 50 lb/acre 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: Ryegrass Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2005	2-Yr Avg
	12-14-04	2-08-05	3-02-05	4-18-05		
----- lb/acre -----						
FL/NE X2004 (Misc. 2X) LRCT	436	1111	2365	7628	11540	.
Big Daddy ARG	1013	1350	1777	6823	10963	11014
WAX WMN97	795	1111	1747	7293	10946	10669
M/FL X2004 (4X) LRCT	697	1449	1917	6835	10897	.
Grazer	697	1459	2130	6551	10837	.
Marshall	1013	1438	2043	6289	10782	10805
TXR2004-BAR	664	1514	2209	6390	10776	.
Jackson	839	1263	1965	6620	10687	10576
Flying A	1002	1427	2034	6214	10677	.
Prine	1024	1285	2200	6149	10658	11173
Brigadier	168	1274	2101	7096	10639	10717
Ed	784	1481	2143	6085	10494	10619
Passerel Plus	643	1057	2217	6501	10417	10762
Common	936	1372	1917	6168	10393	10377
Rio	784	1557	1982	5799	10122	10501
M/FL X2004 (New 4) LRCT	523	1351	1838	6368	10080	.
ME94	677	926	1746	6560	9909	10384
King	599	980	2261	6012	9851	10262
FLX2003(BD)4XLRCT	762	1165	2030	5823	9781	.
WVPB SS-93-AR-K4N	686	1198	1951	5864	9699	.
FLX2001(NEW1)4XLR	1058	1285	1748	5545	9636	.
TAM 90	552	1115	1772	5951	9389	9999
ME3	381	850	1690	6408	9329	.
Diamond T	882	1111	1398	5846	9238	.
FLX2003(NEW2)ER	665	1176	2156	4791	8788	9528
LM5003A	577	1078	2326	4199	8181	.
Pennington Shiwasaoba	730	958	1411	4800	7899	8326
LM5003B	718	393	2086	4350	7545	.
Average	725	1205	1970	6106	10005 ¹	10381
LSD at 10% Level	339	385	380	1058	1148	700
Std. Err. of Entry Mean	144	164	162	450	488	297

1. C.V. = 9.8%, and df for EMS = 81.

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: 50 lb/acre 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: Ryegrass Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield					Season Totals	
	Harvest Date					2005	2-Yr Avg
	12-01-04	2-07-05	3-07-05	4-06-05	5-23-05		
----- lb/acre -----							
Passerel Plus	1231	944	855	1971	8898	13898	11441
FLX2002(NEW3)LRCT Select	2375	1047	1715	1841	6349	13327	.
Rio	1374	1111	1094	2552	6789	12920	11012
Marshall	1790	859	1227	2181	6740	12797	11418
Jackson	1240	1091	1022	2185	7215	12751	10965
Big Daddy ARG	1177	1311	1151	2027	6930	12595	11097
WAX WMN97	1740	1075	908	2038	6662	12422	10305
Jumbo	1273	872	1257	2278	6717	12397	10532
M/FL X2004 (4X) LRCT	1436	1176	1534	1715	6488	12348	.
FLX2003(BD)4XLRCT	1529	940	1110	1786	6941	12305	.
TAM 90	1270	1011	1010	2064	6802	12158	10195
WVPB SS-93-AR-K4N	1507	1215	1099	1960	6108	11888	.
Diamond T	1318	1085	1038	1818	6570	11828	.
Prine	1326	975	1101	2132	6203	11736	10581
ME94	1255	1222	1093	2046	5964	11579	10164
Pennington Shiwasaoba	1761	1052	1349	1617	5742	11520	9434
FLX2001(NEW1)4XLR	1226	935	1077	1895	6310	11442	.
FLX2003(NEW2)ER	1133	1020	1285	1955	6019	11411	9656
TXR2004-BAR	1100	939	1096	2145	6009	11290	.
FL/NE X2004 (Misc. 2X) LRCT	876	1110	1233	1781	6034	11033	.
FLX2002(NEW3)LRCT	931	793	1078	2306	5813	10920	10470
Ed	900	1128	963	1988	5924	10903	10633
Flying A	1031	1129	1186	1874	5439	10659	.
Common	907	815	872	2181	5860	10636	10291
Brigadier	411	745	1248	1888	6074	10366	10069
Grazer	1095	973	1304	2052	4310	9733	.
M/FL X2004 (New 4) LRCT	648	793	837	2054	5079	9410	.
Average	1254	1013	1139	2012	6296	11714 ¹	10516
LSD at 10% Level	630	N.S. ²	323	N.S.	1370	2054	N.S.
Std. Err. of Entry Mean	268	184	138	174	582	872	516

1. C.V. = 14.9%, and df for EMS = 78.

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: 50 lb/acre 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, 3rd, and 4th harvests.

Management: Chisel plowed, disked, and rototilled.

Previous Crop: Fallow.

Test conducted by P. A. Rose.

Calhoun, Georgia: Ryegrass Forage Performance, 2004-2005

Brand-Variety	Dry Matter Yield				Season Totals	
	Harvest Date				2005	2-Yr Avg
	1-12-05	3-15-05	4-29-05	6-13-05		
----- lb/acre -----						
King	832	2666	5900	7420	16817	14597
FLX2002(NEW3)LRCT Select	951	4041	5223	5756	15972	.
WVPB SS-93-AR-K4N	1112	2865	5890	6079	15945	.
FL/NE X2004 (Misc. 2X) LRCT	884	3080	5358	6332	15654	.
FLX2001(NEW1)4XLR	821	2927	4629	6516	14892	.
ME94	490	2646	5055	6637	14827	12999
Passerel Plus	854	2392	5322	6132	14700	13580
WAX WMN97	665	2698	4726	6471	14559	13763
Common	910	2895	5230	5505	14540	13326
Marshall	882	2190	4667	6757	14496	13906
Jumbo	886	2904	4281	6350	14422	13544
Big Daddy ARG	601	2442	5185	6120	14349	13082
FLX2003(BD)4XLRCT	1245	2479	4236	6378	14337	.
Diamond T	1026	2328	5114	5854	14322	.
Flying A	809	2682	4866	5829	14186	.
Prine	982	2215	4426	6386	14009	13623
M/FL X2004 (New 4) LRCT	657	2788	4544	5969	13957	.
Ed	771	1950	4248	6899	13867	13957
Rio	737	2411	5309	5347	13803	13225
Jackson	559	2788	4749	5456	13551	12841
FLX2002(NEW3)LRCT	665	2721	3487	6671	13544	13284
TAM 90	714	2866	3836	5778	13194	13300
Brigadier	149	2375	4622	5860	13006	12795
FLX2003(NEW2)ER	599	2801	4515	4886	12800	12493
Grazer	597	2948	4406	4644	12594	.
TXR2004-BAR	657	2464	4220	5054	12394	.
M/FL X2004 (4X) LRCT	872	2475	4124	4896	12366	.
Pennington Shiwasaoba	826	1828	3572	4448	10673	10695
Average	777	2638	4705	5944	14063 ¹	13236
LSD at 10% Level	350	778	981	1295	1617	N.S. ²
Std. Err. of Entry Mean	149	331	417	550	687	479

1. C.V. = 9.8%, and df for EMS = 81.

2. The F-test indicated no statistical difference at the alpha = 0.10 probability level; therefore a LSD value was

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

Planted: October 12, 2004.

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

Soil Type: Waynesboro loam.

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

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

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

Management: Moldboard plowed, disked, and rototilled.

Previous Crop: Corn.

Test conducted by P. A. Rose and J. Stubbs.

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

Brand-Variety	Dry Forage Yield										
	Tifton		Plains		Griffin		Calhoun		Statewide		
	2005	3-Year Avg	2005	3-Year Avg	2005	3-Year Avg	2005	3-Year Avg	2005	2-Year Avg	3-Year Avg
	-----lb/acre-----										
Big Daddy ARG	6648	9503	10963	9820	12595	9001	14349	10380	11138	11116	9676
Brigadier	6378	8907	10639	9635	10366	8250	13006	10557	10097	10606	9337
Common	6660	8719	10393	9320	10636	8409	14540	10716	10557	10671	9291
Diamond T	6976	.	9238	.	11828	.	14322	.	10591	.	.
Ed	7038	9079	10494	9696	10903	8959	13867	10932	10575	11059	9667
FL/NE X2004 (Misc. 2X) LRCT	6621	.	11540	.	11033	.	15654	.	11212	.	.
FLX2001(NEW1)4XLR	7398	.	9636	.	11442	.	14892	.	10842	.	.
FLX2002(NEW3)LRCT	7545	.	.	.	10920	.	13544	.	.	.	.
FLX2002(NEW3)LRCT Select	6673	.	.	.	13327	.	15972	.	.	.	.
FLX2003(BD)4XLRCT	7708	.	9781	.	12305	.	14337	.	11033	.	.
FLX2003(NEW2)ER	6456	.	8788	.	11411	.	12800	.	9864	10021	.
Flying A	6676	.	10677	.	10659	.	14186	.	10549	.	.
Grazer	7041	.	10837	.	9733	.	12594	.	10051	.	.
Jackson	6907	8820	10687	9461	12751	9181	13551	10486	10974	10807	9487
Jumbo	7466	9578	.	.	12397	8686	14422	10716	.	.	.
King	.	.	9851	.	.	.	16817	.	.	.	.
LM5003A	5985	.	8181	.	.	.	.	.	.	.	.
LM5003B	6297	.	7545	.	.	.	.	.	.	.	.
M/FL X2004 (4X) LRCT	7421	.	10897	.	12348	.	12366	.	10758	.	.
M/FL X2004 (New 4) LRCT	6296	.	10080	.	9410	.	13957	.	9936	.	.
ME3	7543	.	9329	.	.	.	.	.	.	.	.
ME94	6913	8984	9909	9421	11579	8456	14827	10506	10807	10616	9342
Marshall	6991	9334	10782	9713	12797	9557	14496	11509	11266	11350	10028
Passerel Plus	7370	9055	10417	9673	13898	9077	14700	10963	11596	11250	9692
Pennington Shiwasuaoba	5576	.	7899	.	11520	.	10673	.	8917	8993	.
Prine	7422	9393	10658	9914	11736	8731	14009	10901	10956	11207	9735
Rio	6906	9260	10122	.	12920	.	13803	11034	10938	10992	.
TAM 90	6898	8750	9389	9108	12158	8518	13194	10760	10410	10546	9284
TXR2004-BAR	6711	.	10776	.	11290	.	12394	.	10293	.	.
WAX WMN97	7065	8737	10946	9629	12422	8216	14559	11385	11248	10872	9492
WVPB SS-93-AR-K4N	7277	.	9699	.	11888	.	15945	.	11202	.	.
Average	6895	9086	10005	9581	11714	8753	14063	10834	10659	10722	9548
LSD at 10% Level	494	391	1148	N.S. ¹	2054	N.S.	1617	N.S.	946	530	N.S.
Std. Err. of Entry Mean	210	140	488	213	872	375	687	338	301	190	138

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).