

*Performance  
of Small Grain  
Varieties for  
Forage in  
Alabama,  
2005-06*

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# THE 2006 ALABAMA PERFORMANCE COMPARISON OF SMALL GRAIN VARIETIES FOR FORAGE

**K.M. Glass and E. van Santen**

**Agric. Program Associate and Professor, Dept. of Agronomy and Soils, Auburn University, AL 36849**

## INTRODUCTION

The large number of commercially available varieties of wheat, oats, rye, barley, and triticale makes it difficult for growers to select varieties most suited for forage production in their particular area of the State because yields and distribution of growth vary. For example, many of the small grain species and varieties differ in their capability to produce early fall and winter forage for livestock production. Making the proper selection requires up-to-date, unbiased, reliable information on total forage yields and seasonal yields of varieties.

Entries in each experiment are determined by the companies or institutes which control each variety, or line, not by Experiment Station personnel. Data from tests conducted at eight locations were used to compile this report. These locations represent the varied growing conditions around the State for the past 3 years.

## PROCEDURE

The experimental design for the tests was a split plot with species as the main plot and varieties as subplots. Plots were 5 feet by 20 feet with rows spaced 7 inches apart. A cone drill was used to plant all tests. Each variety was replicated three times in each test entered.

The tests are normally planted in late September to early October. The tests were fertilized at planting with 100 pounds N per acre and clipped with a flail-type mower each time they reached 6 inches in height. The entire harvested forage from each plot was weighed. A sub-sample was also weighed green from each plot, then dried and reweighed. The percent dry matter figure from these weights was then used to calculate forage dry matter per acre. The tests were top-dressed in February with 60 pounds N per acre and clipping was continued until no regrowth occurred in the spring.

## DATA EXPLANATION

Total and seasonal dry matter yields are recorded by locations. The four seasonal periods are: autumn-forage produced through December; winter-January and February production; early spring-March and early April production; and late spring-production after April 20.

## DISCUSSION

Growing conditions and variety forage performance often vary among locations and years. Multiple-year averages are provided and should be a better indicator for performance comparisons. Cold weather and wet conditions in the fall combined to reduce fall and winter growth.

**TABLE 1. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER, BELLE MINA, ALABAMA, 2006**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
SS MPV 57	.	.	1968	1103	3071
GA Gore	.	.	1860	1046	2906
<b><i>Oat</i></b>					
LA 99016SBSB-98	.	.	1857	1576	3433
LA 97006GBS-22-B-S2	.	.	1855	1326	3181
AR 0258-7	.	.	1662	1372	3034
Florida 501	.	.	1654	1194	2848
SS 76-40	.	.	1723	957	2680
LA 981DSBS-58	.	.	1336	1161	2497
<b><i>Rye</i></b>					
Wintergrazer 70	.	.	2297	1208	3505
NF 65	.	.	2358	1021	3378
Maton	.	.	1935	1153	3088
Wren's Abruzzi AL	.	.	2202	832	3034
<b><i>Triticale</i></b>					
Trical 336	.	.	2158	1242	3400
RSI 4236	.	.	2152	1115	3267
RSI 4227	.	.	2030	1130	3160
Trical 2700	.	.	1435	1457	2892
RSI 342	.	.	1890	900	2791
<b><i>Test Mean</i></b>	.	.	1904	1164	3069
<b><i>C.V. (%)</i></b>	.	.	14	10	8
<b><i>LSD(0.10)</i></b>	.	.	485	174	503

**TABLE 2. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER, BELLE MINA, ALABAMA, 2005-2006**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	.	.	2081	1178	3260
SS MPV 57	.	.	1821	1408	3229
<b><i>Oat</i></b>					
SS 76-40	.	.	1698	1831	3529
<b><i>Rye</i></b>					
Wintergrazer 70	.	.	2164	1640	3804
Maton	.	.	2016	1346	3362
NF 65	.	.	2300	1061	3361
Wren's Abruzzi AL	.	.	2360	964	3324
<b><i>Triticale</i></b>					
Trical 2700	.	.	1569	2345	3914
Trical 336	.	.	2032	1603	3635
RSI 342	.	.	1935	1306	3242
<b><i>Test Mean</i></b>	.	.	1998	1468	3466
<b><i>C.V. (%)</i></b>	.	.	15	12	10
<b><i>LSD(0.10)</i></b>	.	.	226	194	320

**TABLE 3. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER, BELLE MINA, ALABAMA, 2004-2006**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Rye</i></b>					
Wintergrazer 70	.	993	2475	1355	4823
Wren's Abruzzi AL	.	1092	2253	855	4201
<b><i>Triticale</i></b>					
Trical 2700	.	1069	1860	1779	4709
Trical 336	.	485	2246	1276	4006
RSI 342	.	1141	1971	1036	4148
<b><i>Test Mean</i></b>	.	956	2161	1260	4377
<b><i>C.V. (%)</i></b>	.	29	13	13	8
<b><i>LSD(0.10)</i></b>	.	505	170	123	283

**TABLE 4. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<i>Wheat</i>					
SS MPV 57	.	0	2715	1115	3830
GA Gore	.	0	2666	1152	3818
<i>Oat</i>					
LA 97006GBS-22-B-S2	.	0	3151	1353	4504
LA 99016SBSB-98	.	0	3002	1424	4426
SS 76-40	.	0	2730	1416	4146
Florida 501	.	0	2684	1174	3858
AR 0258-7	.	0	2484	1318	3802
LA 981DSBS-58	.	0	2260	1097	3357
<i>Rye</i>					
Maton	.	0	6230	1040	7270
Wintergrazer 70	.	0	5226	980	6206
NF 65	.	516	4761	919	6196
Wren's Abruzzi AL	.	1147	2980	1221	5349
<i>Triticale</i>					
Trical 2700	.	0	3698	1199	4898
RSI 4236	.	550	3097	954	4600
RSI 342	.	929	2681	823	4434
RSI 4227	.	392	2973	1039	4404
Trical 336	.	0	3229	1140	4368
<i>Test Mean</i>	.	208	3328	1139	4674
<i>C.V. (%)</i>	.	82	17	17	11
<i>LSD(0.10)</i>	.	225	735	247	823

**TABLE 5. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b>Wheat</b>					
SS MPV 57	.	576	2796	3350	6722
GA Gore	.	702	2590	2987	6279
<b>Oat</b>					
SS 76-40	.	444	2642	4544	7629
<b>Rye</b>					
Maton	.	846	4903	4375	10124
Wintergrazer 70	.	743	4307	4602	9653
NF 65	.	1229	3782	3542	8554
Wren's Abruzzi AL	.	1232	2258	4826	8316
<b>Triticale</b>					
Trical 2700	.	626	3497	5583	9706
RSI 342	.	1213	2403	4295	7910
Trical 336	.	770	3556	3538	7864
<b>Test Mean</b>	.	838	3274	4164	8276
<b>C.V. (%)</b>	.	30	16	14	9
<b>LSD(0.10)</b>	.	199	423	481	623

**TABLE 6. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b>Rye</b>					
Wintergrazer 70	.	618	5959	3867	10443
Wren's Abruzzi AL	.	1491	3663	4132	9286
<b>Triticale</b>					
Trical 2700	.	731	4578	4747	10055
Trical 336	.	599	4656	3158	8413
RSI 342	.	1310	3166	3619	8096
<b>Test Mean</b>	.	950	4404	3905	9259
<b>C.V. (%)</b>	.	27	11	17	8
<b>LSD(0.10)</b>	.	153	273	467	507



**TABLE 7. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<i>Wheat</i>					
GA Gore	.	.	1977	.	1977
<i>Oat</i>					
LA 99016SBSB-98	.	.	2858	.	2858
Florida 501	.	.	2410	.	2410
LA 97006GBS-22-B-S2	.	.	2285	.	2285
LA 981DSBS-58	.	.	2063	.	2063
AR 0258-7	.	.	2008	.	2008
<i>Rye</i>					
Maton	.	.	2358	.	2358
NF 65	.	.	2298	.	2298
Wintergrazer 70	.	.	2267	.	2267
Wren's Abruzzi AL	.	.	2191	.	2191
<i>Triticale</i>					
Trical 336	.	.	2526	.	2526
RSI 4236	.	.	2327	.	2327
Trical 2700	.	.	2252	.	2252
RSI 4227	.	.	2118	.	2118
RSI 342	.	.	1928	.	1928
<i>Test Mean</i>	.	.	2258	.	2258
<i>C.V. (%)</i>	.	.	6	.	6
<i>LSD(0.10)</i>	.	.	294	.	294

**TABLE 8. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 2005-2006.**

TRIAL WAS NOT PLANTED IN 2005 DUE TO EXCESSIVE RAINFALL

**TABLE 9. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 2004-2006.**

TRIAL WAS NOT PLANTED IN 2005 DUE TO EXCESSIVE RAINFALL

**TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE PRATTVILLE EXPERIMENT FIELD, PRATTVILLE, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b>Wheat</b>					
GA Gore	.	559	3298	.	3856
<b>Oat</b>					
LA 97006GBS-22-B-S2	.	559	3635	.	4193
LA 99016SBSB-98	.	611	3482	.	4093
LA 981DSBS-58	.	573	2971	.	3544
Florida 501	.	691	2848	.	3539
AR 0258-7	.	477	2915	.	3392
<b>Rye</b>					
Wintergrazer 70	.	1096	4096	.	5192
NF 65	.	1329	3622	.	4950
Maton	.	1027	3597	.	4624
Wren's Abruzzi AL	.	1234	2536	.	3770
<b>Triticale</b>					
RSI 4236	.	838	3733	.	4571
Trical 336	.	548	4012	.	4560
Trical 2700	.	809	3536	.	4345
RSI 342	.	855	3062	.	3917
RSI 4227	.	795	3083	.	3877
<b>Test Mean</b>	.	800	3362	.	4162
<b>C.V. (%)</b>	.	16	10	.	9
<b>LSD(0.10)</b>	.	146	435	.	476

**TABLE 11. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE PRATTVILLE EXPERIMENT FIELD, PRATTVILLE, ALABAMA, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b><i>Wheat</i></b>					
GA Gore	.	1075	3220	.	4295
<b><i>Rye</i></b>					
Wintergrazer 70	.	1404	3594	.	4998
Maton	.	1461	3466	.	4927
NF 65	.	1627	3207	.	4835
Wren's Abruzzi AL	.	2227	2477	.	4705
<b><i>Triticale</i></b>					
Trical 336	.	923	3551	.	4474
Trical 2700	.	1395	2986	.	4381
RSI 342	.	1441	2471	.	3913
<b><i>Test Mean</i></b>	.	1444	3122	.	4566
<b><i>C.V. (%)</i></b>	.	24	11	.	17
<b><i>LSD(0.10)</i></b>	.	242	240	.	320

**TABLE 12. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE PRATTVILLE EXPERIMENT FIELD, PRATTVILLE, ALABAMA, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b><i>Rye</i></b>					
Wintergrazer 70	.	1259	3448	.	4707
Wren's Abruzzi AL	.	2037	2669	.	4706
<b><i>Triticale</i></b>					
Trical 2700	.	1433	2999	.	4432
RSI 342	.	1552	2533	.	4085
Trical 336	.	817	3255	.	4072
<b><i>Test Mean</i></b>	.	1419	2981	.	4400
<b><i>C.V. (%)</i></b>	.	28	13	.	14
<b><i>LSD(0.10)</i></b>	.	204	247	.	389

**TABLE 13. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE E.V. SMITH RESEARCH CENTER, PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	452	1198	2089	.	3739
<b><i>Oat</i></b>					
LA 99016SBSB-98	237	869	2018	.	3124
Florida 501	531	1016	1429	.	2976
LA 97006GBS-22-B-S2	196	782	1927	.	2904
LA 981DSBS-58	449	771	1671	.	2891
AR 0258-7	154	709	1875	.	2739
<b><i>Rye</i></b>					
Maton	839	1051	3850	.	5741
Wren's Abruzzi AL	1123	2075	1958	.	5156
NF 65	1145	1459	2448	.	5051
Wintergrazer 70	831	927	2858	.	4617
<b><i>Triticale</i></b>					
RSI 4227	446	1384	2474	.	4305
Trical 2700	395	986	2714	.	4096
RSI 4236	386	1292	2210	.	3887
RSI 342	573	1645	1624	.	3842
Trical 336	120	673	2659	.	3452
<b><i>Test Mean</i></b>	525	1123	2254	.	3901
<b><i>C.V. (%)</i></b>	19	17	15	.	13
<b><i>LSD(0.10)</i></b>	128	228	431	.	605

**TABLE 14. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE E.V. SMITH RESEARCH CENTER, PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	435	868	1548	772	3623
<b><i>Rye</i></b>					
Maton	777	1185	2745	923	5628
Wintergrazer 70	956	844	2197	995	4993
NF 65	929	1343	1895	571	4739
Wren's Abruzzi AL	974	1651	1455	509	4590
<b><i>Triticale</i></b>					
Trical 2700	438	896	1776	617	3728
RSI 342	569	1298	1091	549	3506
Trical 336	217	543	1826	584	3170
<b><i>Test Mean</i></b>	662	1079	1817	690	4247
<b><i>C.V. (%)</i></b>	33	16	17	16	13
<b><i>LSD(0.10)</i></b>	186	141	216	132	385

**TABLE 15. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE E.V. SMITH RESEARCH CENTER, PLANT BREEDING UNIT, TALLASSEE, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Rye</i></b>					
Wintergrazer 70	905	696	1989	1026	4617
Wren's Abruzzi AL	995	1595	1234	680	4504
<b><i>Triticale</i></b>					
Trical 2700	522	851	1464	872	3710
RSI 342	519	1219	867	274	2880
Trical 336	215	521	1442	487	2665
<b><i>Test Mean</i></b>	631	976	1399	668	3675
<b><i>C.V. (%)</i></b>	38	19	26	39	13
<b><i>LSD(0.10)</i></b>	168	151	291	175	481

**TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BREWTON EXPERIMENT FIELD, BREWTON, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	.	2527	2142	.	4669
<b><i>Oat</i></b>					
LA 97006GBS-22-B-S2	.	2587	1782	.	4368
LA 99016SBSB-98	.	2451	1634	.	4084
LA 981DSBS-58	.	2612	1366	.	3978
Florida 501	.	2191	1519	.	3710
<b><i>Rye</i></b>					
Maton	.	5674	2295	.	7969
NF 65	.	3830	1632	.	5462
Wintergrazer 70	.	3070	2136	.	5206
Wren's Abruzzi AL	.	3567	1264	.	4831
<b><i>Triticale</i></b>					
Trical 336	.	2608	2334	.	4942
RSI 4236	.	3031	1745	.	4776
RSI 4227	.	3061	1640	.	4700
Trical 2700	.	2862	1563	.	4426
RSI 342	.	3135	1094	.	4229
<b><i>Test Mean</i></b>	.	3086	1725	.	4811
<b><i>C.V. (%)</i></b>	.	38	10	.	24
<b><i>LSD(0.10)</i></b>	.	1406	217	.	1379

**TABLE 17. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BREWTON EXPERIMENT FIELD, BREWTON, ALABAMA, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<i>Wheat</i>					
GA Gore	.	1967	2150	.	4117
<i>Rye</i>					
Maton	.	3511	2299	.	5811
NF 65	.	2720	1835	.	4554
Wintergrazer 70	.	2175	2196	.	4372
Wren's Abruzzi AL	.	2609	1497	.	4106
<i>Triticale</i>					
Trical 336	.	2065	2223	.	4288
Trical 2700	.	2269	1702	.	3971
RSI 342	.	2433	1209	.	3641
<i>Test Mean</i>	.	2469	1889	.	4358
<i>C.V. (%)</i>	.	45	10	.	25
<i>LSD(0.10)</i>	.	848	122	.	853

**TABLE 18. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE BREWTON EXPERIMENT FIELD, BREWTON, ALABAMA, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<i>Rye</i>					
Wintergrazer 70	1239	1785	2357	.	5382
Wren's Abruzzi AL	1302	2287	1551	.	5140
<i>Triticale</i>					
Trical 336	1015	1799	2357	.	5172
Trical 2700	1396	2034	1733	.	5162
RSI 342	1004	2310	1252	.	4567
<i>Test Mean</i>	1191	2043	1850	.	5084
<i>C.V. (%)</i>	10	5	11	.	6
<i>LSD(0.10)</i>	128	80	128	.	163

**TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b>Wheat</b>					
GA Gore	.	4355	1492	.	5847
<b>Oat</b>					
LA 981DSBS-58	.	5638	1365	.	7003
LA 99016SBSB-98	.	4634	1642	.	6276
LA 97006GBS-22-B-S2	.	4130	1833	.	5963
Florida 501	.	4617	1296	.	5913
<b>Rye</b>					
Wren's Abruzzi AL	.	5624	1975	.	7599
Maton	.	3849	3414	.	7263
Wintergrazer 70	.	3906	3280	.	7186
NF 65	.	4736	2337	.	7073
<b>Triticale</b>					
Trical 2700	.	5611	1792	.	7403
RSI 4227	.	4804	1904	.	6708
RSI 342	.	4085	1770	.	5855
RSI 4236	.	4049	1803	.	5853
Trical 336	.	2857	1779	.	4635
<b>Test Mean</b>	.	4493	1977	.	6470
<b>C.V. (%)</b>	.	8	15	.	8
<b>LSD(0.10)</b>	.	602	350	.	726



**TABLE 20. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	757	2557	2577	.	5892
<b><i>Rye</i></b>					
Wren's Abruzzi AL	1070	3316	2872	.	7258
NF 65	1070	2680	3256	.	7007
Wintergrazer 70	870	2252	3865	.	6987
Maton	855	2204	3912	.	6971
<b><i>Triticale</i></b>					
Trical 2700	967	3233	2622	.	6822
RSI 342	675	2770	2379	.	5825
Trical 336	479	1580	2278	.	4337
<b><i>Test Mean</i></b>	843	2574	2970	.	6387
<b><i>C.V. (%)</i></b>	11	14	10	.	8
<b><i>LSD(0.10)</i></b>	157	353	233	.	420

**TABLE 21. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Rye</i></b>					
Wren's Abruzzi AL	1806	2825	2568	.	7200
Wintergrazer 70	1243	1706	4016	.	6965
<b><i>Triticale</i></b>					
Trical 2700	1556	2673	2398	.	6627
RSI 342	1331	2535	2122	.	5987
Trical 336	772	1438	2481	.	4691
<b><i>Test Mean</i></b>	1342	2236	2717	.	6294
<b><i>C.V. (%)</i></b>	19	17	9	.	9
<b><i>LSD(0.10)</i></b>	173	205	168	.	332

**TABLE 22. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE GULF COAST RESEARCH AND EXTENSION CENTER, FAIRHOPE, ALABAMA, 2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
	----- lbs/acre -----				
<b><i>Wheat</i></b>					
GA Gore	.	2504	2590	.	5094
<b><i>Oat</i></b>					
LA 97006GBS-22-B-S2	.	2583	2842	.	5425
LA 99016SBSB-98	.	2471	2802	.	5273
LA 981DSBS-58	.	2509	2558	.	5068
Florida 501	.	2411	2496	.	4906
<b><i>Rye</i></b>					
Maton	.	2708	3316	.	6024
NF 65	.	2837	2460	.	5298
Wintergrazer 70	.	2580	2669	.	5249
Wren's Abruzzi AL	.	2630	2127	.	4756
<b><i>Triticale</i></b>					
RSI 4236	.	2916	2363	.	5279
Trical 336	.	2560	2538	.	5098
RSI 4227	.	2691	2102	.	4793
Trical 2700	.	2585	2113	.	4698
RSI 342	.	2877	1768	.	4645
<b><i>Test Mean</i></b>	.	2633	2482	.	5115
<b><i>C.V. (%)</i></b>	.	7	8	.	5
<b><i>LSD(0.10)</i></b>	.	215	293	.	394

**TABLE 23. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST RESEARCH AND EXTENSION CENTER, FAIRHOPE, ALABAMA, 2005-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b>Wheat</b>					
GA Gore	1387	1810	2590	.	5787
<b>Rye</b>					
Maton	1507	1876	3316	.	6698
NF 65	1672	2024	2460	.	6156
Wintergrazer 70	1360	1756	2669	.	5785
Wren's Abruzzi AL	1641	1948	2127	.	5716
<b>Triticale</b>					
RSI 342	1458	2073	1768	.	5299
Trical 336	1155	1734	2538	.	5426
Trical 2700	1437	1870	2113	.	5420
<b>Test Mean</b>	1452	1886	2448	.	5786
<b>C.V. (%)</b>	8	9	7	.	7
<b>LSD(0.10)</b>	204	167	303	.	259

**TABLE 24. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT THE GULF COAST RESEARCH AND EXTENSION CENTER, FAIRHOPE, ALABAMA, 2004-2006.**

Brand-Variety	Autumn	Winter	Early Spring	Late Spring	Total
----- lbs/acre -----					
<b>Rye</b>					
Wren's Abruzzi AL	1810	1689	2573	.	6073
Wintergrazer 70	1690	1524	2773	.	5987
<b>Triticale</b>					
RSI 342	1640	1755	2720	.	6115
Trical 2700	1633	1662	2710	.	6006
Trical 336	1734	1526	2684	.	5944
<b>Test Mean</b>	1702	1631	2692	.	6025
<b>C.V. (%)</b>	19	12	15	.	10
<b>LSD(0.10)</b>	218	131	373	.	297

**SEED SOURCES**

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**Wheat**

GA Gore Alabama Crop Improvement Assn., Auburn, Alabama

SS-MPV-57 Southern States Coop., Richmond, Virginia

**Rye**

Wren's Abruzzi Alabama Crop Improvement Assn., Auburn, Alabama

Maton, NF 65 Noble Foundation, Ardmore, Oklahoma

Wintergrazer 70 Pennington Seed, Inc., Madison, Georgia

**Triticale**

Trical 336, Trical 342, Trical 2700 RSI 4236, RSI 4227 Resource Seeds, Inc., Union, Kentucky

**Oat**

Fla. 501 Alabama Crop Improvement Assn., Auburn, Alabama

AR0258-7 \* University of Arkansas Fayetteville, Arkansas

LA 9810SBS-58 \* Louisiana State University Baton Rouge, Louisiana

LA 97006GBS-22-B-S2 \*

LA 99016SBSB-98 \*

SS 76-40 Southern States Coop. Richmond, Virginia

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\* Experimental line; not yet commercially available.

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