

Agronomy and Soils Departmental Series No. 227
Alabama Agricultural Experiment Station
Luther Waters, Director
Auburn University
Auburn, Alabama
September 2000

The 1999-2000

Alabama Performance

Comparison of

Small Grain

Varieties for

Forage

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*Information contained herein is available to all persons regardless of race,
color, sex, or national origin.*

Acknowledgments

Appreciation is expressed to Mien-Huei Tzeng, Research Data Analysis, for the computation and summarization of data in this report.

Appreciation is also expressed to the following supervisory personnel of the outlying units whose support is gratefully acknowledged:

Northern Alabama

Tennessee Valley Research and Extension Center, Belle Mina B.E. Norris, Jr., Supt.
H.E. Burgess, Assoc. Supt.

Sand Mountain Research and Extension Center, Crossville R.A. Dawkins, Supt.

Upper Coastal Plain Research Station, Winfield R.C. Rawls, Supt.

Central Alabama

Black Belt Research and Extension Center, Marion Junction J.L. Holliman, Supt.

Prattville Research Field D.P. Moore, Supt.

E. V. Smith Research Center J. S. Bannon, Dir.
Plant Breeding Unit, Tallassee S.P. Nightengale, Supt.

Southern Alabama

Monroeville Research Field J.R. Akridge, Supt.

Gulf Coast Research and Extension Center, Fairhope N.R. McDaniel, Supt.
M.D. Pegues, Asst. Supt.

Wiregrass Research and Extension Center, Headland L.W. Wells, Supt.
B.E. Gamble, Asst. Supt.

The 1999-2000 Alabama Performance Comparison of Small Grain Varieties for Forage

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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 Alabama 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 nine locations were used to compile this report. These locations represent the varied growing conditions in Alabama for the past three years.

PROCEDURE

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

The tests are normally planted in late September to early October. In 1999 and 1998, all test locations were planted in mid-October. In the 1999 harvest year, the forage test was not planted at Sand Mountain Research and Extension Center, Crossville, due to dry soil conditions. The tests were fertilized at planting with 100 pounds of nitrogen (N) per acre and clipped with a flail-type mower each time they reached six inches in height. The entire harvested forage from each plot was weighed; plus a sample was weighed green from each plot, then dried and reweighed. The percent dry matter figure from these weights was used to calculate forage dry matter per acre. The tests were topdressed 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. In the 1997-98 growing season, most locations reported a wet fall and winter with a dry spring. The 1998-99 growing season was dry in the fall and early spring which delayed planting and affected early growth. At Prattville, stray cattle grazed the test which delayed the second cutting by approximately two and a half weeks. The 1999-00 growing season had mild temperatures with a fairly dry spring.

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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, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
AR 584A-3-1	951	951	3,730	863	6,495
Roberts	821	1,006	3,430	946	6,204
AR 494B-2-2	610	729	3,681	1,156	6,176
VA96W-270	694	754	3,427	914	5,789
VA96W-158	987	848	3,066	775	5,676
Test Mean	813	858	3,467	931	6,068
C.V. (%)	17	16	4	10	5
L.S.D (.10)	209	206	234	141	470
Oat					
SC 910337	652	952	3,563	1,282	6,449
FL 920HR31,314	885	930	2,968	1,569	6,353
Harrison	756	972	2,975	1,470	6,173
Chapman	934	998	2,988	1,165	6,085
Ga Mitchell	880	1,030	2,997	988	5,895
Test Mean	822	976	3,098	1,295	6,191
C.V. (%)	34	14	10	23	9
L.S.D (.10)	424	205	485	449	801
Rye					
Oklon	2,162	1,028	4,479	1,103	8,771
Wheeler	1,436	997	3,527	1,900	7,861
Maton	1,415	896	4,663	858	7,831
Elbon	1,203	787	4,848	745	7,582
Bates	1,661	1,022	3,628	1,124	7,434
SPI Rye	1,455	1,075	3,731	1,159	7,419
Wren's 96	1,744	1,010	2,850	1,597	7,201
SS Early Graze	1,568	1,011	2,968	1,290	6,837
Wintergrazer 70	1,295	810	3,384	1,292	6,781
Wren's Abruzzi AL	1,453	950	2,422	1,545	6,370
Test Mean	1,539	959	3,650	1,261	7,409
C.V. (%)	33	12	9	15	8
L.S.D (.10)	719	169	479	261	787
Triticale					
Trical 2700	1,723	902	3,112	1,447	7,184
Trical 498	1,231	723	1,945	1,243	5,142
Test Mean	1,477	813	2,528	1,345	6,163
C.V. (%)	5	7	11	19	8
L.S.D (.10)	159	142	677	624	1,115

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, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	978	1,611	2,086	1,601	6,276
Oat					
Harrison	727	1,418	1,801	2,940	6,885
FL 920HR31,314	779	1,413	1,779	2,822	6,792
Chapman	1,049	1,417	1,752	2,526	6,744
Ga Mitchell	862	1,167	1,853	2,765	6,647
Rye					
Oklon	1,869	1,330	2,876	1,828	7,904
Wheeler	1,450	1,254	2,125	2,986	7,815
Maton	1,429	1,279	3,088	1,675	7,470
Elbon	1,305	1,175	3,172	1,521	7,174
Bates	1,610	1,414	2,314	1,704	7,043
Wren's 96	1,559	1,387	1,834	1,836	6,616
SS Early Graze	1,422	1,323	2,006	1,618	6,369
Wintergrazer 70	1,337	1,151	2,224	1,584	6,297
Wren's Abruzzi AL	1,430	1,304	1,540	1,777	6,051
Triticale					
Trical 2700	1,597	1,137	1,920	2,792	7,447

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, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	652	1,183	1,883	1,386	5,104
Oat					
Harrison	484	994	1,820	2,341	5,639
Chapman	699	995	1,914	1,954	5,561
Ga Mitchell	575	847	1,870	2,153	5,445
Rye					
Oklon	1,246	1,051	2,805	1,422	6,524
Maton	953	971	3,079	1,314	6,316
Elbon	870	861	3,062	1,233	6,026
Bates	1,074	1,126	2,318	1,340	5,857
Wren's 96	1,039	1,290	1,706	1,511	5,545
Wintergrazer 70	891	886	2,430	1,262	5,469
Wren's Abruzzi AL	953	1,024	1,592	1,465	5,034
Triticale					
Trical 2700	1,065	812	2,081	2,357	6,314

TABLE 4. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
VA96W-158	—	—	3,492	1,670	5,162
AR 584A-3-1	—	—	3,404	1,616	5,020
Roberts	—	—	3,390	1,407	4,797
AR 494B-2-2	—	—	3,048	1,588	4,637
VA96W-270	—	—	3,091	1,433	4,524
Test Mean	—	—	3,285	1,543	4,828
C.V. (%)	—	—	13	14	11
L.S.D (.10)	—	—	667	316	835
Oat					
FL 920HR31,314	—	—	2,288	2,050	4,338
SC 910337	—	—	1,953	1,975	3,929
Chapman	—	—	2,086	1,763	3,850
Harrison	—	—	1,718	1,878	3,596
Ga Mitchell	—	—	1,814	1,586	3,400
Test Mean	—	—	1,972	1,850	3,822
C.V. (%)	—	—	17	16	11
L.S.D (.10)	—	—	495	460	610
Rye					
Bates	—	—	4,316	1,992	6,307
SPI Rye	—	—	3,957	2,225	6,182
Oklon	—	—	4,021	1,808	5,829
Maton	—	—	3,925	1,775	5,700
Wintergrazer 70	—	—	3,434	2,220	5,654
Elbon	—	—	3,026	2,162	5,188
SS Early Graze	—	—	3,181	1,980	5,161
Wheeler	—	—	3,044	1,842	4,886
Wren's 96	—	—	2,798	1,850	4,648
Wren's Abruzzi AL	—	—	2,496	2,111	4,607
Test Mean	—	—	3,420	1,996	5,416
C.V. (%)	—	—	29	13	19
L.S.D (.10)	—	—	1,395	371	1,493
Triticale					
Trical 2700	—	—	2,756	1,704	4,460
Trical 498	—	—	2,670	1,180	3,850
Test Mean	—	—	2,713	1,442	4,155
C.V. (%)	—	—	13	22	15
L.S.D (.10)	—	—	843	771	1,484

TABLE 5. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 1998 AND 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
AR 584A-3-1	—	65	2,288	1,042	3,396
Roberts	—	291	2,138	881	3,310
Oat					
Chapman	—	84	1,627	1,041	2,752
Harrison	—	—	1,304	1,076	2,380
Ga Mitchell	—	—	1,428	937	2,365
Rye					
Bates	—	243	2,789	1,278	4,310
Maton	—	27	2,733	1,222	3,982
Oklon	—	108	2,687	1,167	3,963
Wintergrazer 70	—	39	2,469	1,352	3,860
Elbon	—	39	2,256	1,416	3,712
Wren's 96	—	698	1,777	1,104	3,579
Wren's Abruzzi AL	—	662	1,517	1,211	3,390
Triticale					
Trical 2700	—	—	2,101	1,133	3,234

TABLE 6. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN RESEARCH AND EXTENSION CENTER, CROSSVILLE, ALABAMA, 1997-98 AND 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	—	194	2,094	711	2,998
Oat					
Chapman	—	56	1,427	694	2,176
Harrison	—	—	1,307	798	2,105
Ga Mitchell	—	—	1,297	727	2,024
Rye					
Bates	—	162	2,746	1,109	4,017
Maton	—	18	2,658	1,094	3,770
Oklon	—	72	2,577	1,061	3,710
Wren's 96	—	465	1,949	985	3,399
Wren's Abruzzi AL	—	441	1,368	981	2,790
Triticale					
Trical 2700	—	—	1,840	899	2,739

TABLE 7. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN RESEARCH STATION, WINFIELD, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
VA96W-158	—	1,085	1,803	4,058	6,946
AR 494B-2-2	—	673	1,563	3,678	5,914
Roberts	—	1,170	1,539	2,875	5,584
AR 584A-3-1	—	673	1,337	3,404	5,413
VA96W-270	—	705	1,264	2,962	4,930
Test Mean	—	861	1,501	3,395	5,758
C.V. (%)	—	31	19	15	13
L.S.D (.10)	—	401	442	756	1,114
Oats					
SC 910337	—	850	1,156	3,301	5,307
Horizon 314	—	1,150	1,009	2,691	4,850
Chapman	—	714	1,184	2,836	4,734
Harrison	—	551	1,208	2,700	4,458
Ga Mitchell	—	711	940	2,778	4,429
Test Mean	—	795	1,100	2,861	4,756
C.V. (%)	—	40	22	22	17
L.S.D (.10)	—	484	368	975	1,239
Rye					
Wren's 96	—	1,584	1,766	4,439	7,789
Wintergrazer 70	—	874	1,696	5,133	7,703
SS Early Graze	—	1,267	1,691	4,097	7,055
Wren's Abruzzi AL	—	1,739	1,403	3,366	6,507
Oklon	—	817	1,570	3,988	6,375
Bates	—	993	1,607	3,418	6,017
Maton	—	748	1,350	3,174	5,272
SPI Rye	—	1,661	1,082	2,366	5,109
Elbon	—	677	1,114	2,777	4,567
Wheeler	—	987	907	2,499	4,394
Test Mean	—	1,135	1,418	3,526	6,079
C.V. (%)	—	40	18	34	24
L.S.D (.10)	—	640	358	1,699	2,023
Triticale					
Trical 2700	—	1,246	1,277	3,200	5,724
Trical 498	—	758	962	2,496	4,217
Test Mean	—	1,002	1,120	2,848	4,970
C.V. (%)	—	53	16	17	24
L.S.D (.10)	—	1,263	415	1,144	2,816

TABLE 8. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT UPPER COASTAL RESEARCH STATION, WINFIELD, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	
Wheat					
Roberts	—	1,794	1,211	1,438	4,443
Oats					
Horizon 314	—	1,536	974	1,346	3,856
Ga Mitchell	—	1,371	993	1,389	3,752
Harrison	—	1,436	891	1,350	3,677
Chapman	—	1,328	728	1,418	3,474
Rye					
Wren's 96	—	1,886	1,452	2,220	5,557
Wintergrazer 70	—	1,593	1,361	2,566	5,520
Oklon	—	1,822	1,500	1,994	5,316
SS Early Graze	—	1,845	1,331	2,049	5,224
Bates	—	1,725	1,468	1,709	4,902
Wren's Abruzzi AL	—	2,097	1,008	1,683	4,788
Maton	—	1,526	1,559	1,587	4,672
Elbon	—	1,587	1,196	1,388	4,172
Wheeler	—	1,650	1,145	1,250	4,045
Triticale					
Trical 2700	—	1,740	1,331	1,600	4,671

TABLE 9. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT UPPER COASTAL RESEARCH STATION, WINFIELD, ALABAMA, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	
Wheat					
Roberts	—	1,552	1,149	1,169	3,870
Oats					
Chapman	—	1,293	944	1,065	3,302
Ga Mitchell	—	1,174	915	1,090	3,179
Harrison	—	1,256	778	900	2,933
Rye					
Wintergrazer 70	—	1,409	1,588	2,026	5,023
Oklon	—	1,590	1,655	1,459	4,704
Wren's 96	—	1,694	1,326	1,641	4,661
Bates	—	1,600	1,560	1,212	4,372
Maton	—	1,249	1,778	1,265	4,291
Wren's Abruzzi AL	—	1,808	977	1,238	4,023
Elbon	—	1,398	1,542	1,041	3,981
Triticale					
Trical 2700	—	1,537	1,353	1,279	4,170

TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
AR 584A-3-1	—	283	926	2,354	3,562
Roberts	—	354	997	2,063	3,414
VA96W-158	—	390	1,214	1,562	3,166
AR 494B-2-2	—	273	1,222	1,555	3,050
VA96W-270	—	263	1,123	1,627	3,013
Test Mean	—	313	1,096	1,832	3,241
C.V. (%)	—	27	7	6	3
L.S.D (.10)	—	130	119	158	154
Oat					
Harrison	—	142	1,077	2,476	3,695
FL 920HR31,314	—	252	1,146	2,212	3,610
SC 910337	—	180	1,193	2,172	3,545
Secretariat LA 495	—	201	1,192	2,085	3,478
Chapman	—	195	1,176	1,883	3,254
Ga Mitchell	—	197	1,170	1,843	3,209
Test Mean	—	194	1,159	2,112	3,465
C.V. (%)	—	22	6	8	5
L.S.D (.10)	—	62	100	258	259
Rye					
Maton	—	94	971	2,252	3,317
Elbon	—	96	998	2,126	3,220
SPI Rye	—	126	1,282	1,677	3,085
Oklon	—	90	1,077	1,905	3,072
SS Early Graze	—	164	1,367	1,413	2,944
Wintergrazer 70	—	128	1,150	1,589	2,867
Wheeler	—	145	891	1,816	2,852
Bates	—	177	1,141	1,505	2,822
Wren's 96	—	153	1,431	1,103	2,687
Wren's Abruzzi AL	—	341	1,335	874	2,550
Test Mean	—	151	1,164	1,626	2,942
C.V. (%)	—	30	5	5	4
L.S.D (.10)	—	65	84	111	155
Triticale					
Trical 2700	—	684	1,208	1,053	2,945
Trical 498	—	671	855	923	2,449
Test Mean	—	678	1,032	988	2,697
C.V. (%)	—	31	5	5	5
L.S.D (.10)	—	495	120	120	337

TABLE 11. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	—	1,230	1,504	1,484	4,218
Oat					
Chapman	—	1,348	1,548	2,153	5,049
Harrison	—	1,326	796	2,586	4,708
FL 920HR31,314	—	1,308	1,084	2,130	4,522
Ga Mitchell	—	1,309	892	1,950	4,151
Rye					
Elbon	—	732	1,593	1,528	3,854
Maton	—	554	1,445	1,616	3,616
Oklon	—	862	1,422	1,248	3,531
Bates	—	889	1,477	1,026	3,392
SS Early Graze	—	1,000	1,315	1,070	3,385
Wren's Abruzzi AL	—	1,621	796	828	3,245
Wintergrazer 70	—	904	1,190	1,136	3,230
Wheeler	—	793	1,077	1,356	3,225
Wren's 96	—	1,074	1,126	917	3,117
Triticale					
Trical 2700	—	1,513	1,079	952	3,544

TABLE 12. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BLACK BELT RESEARCH AND EXTENSION CENTER, MARION JUNCTION, ALABAMA, 1997, 1999, AND 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	158	820	1,498	989	3,466
Oat					
Chapman	184	899	1,484	1,435	4,002
Harrison	179	884	1,028	1,724	3,815
Ga Mitchell	229	873	801	1,300	3,203
Rye					
Maton	180	370	1,441	1,078	3,069
Oklon	253	575	1,291	832	2,950
Bates	225	592	1,421	684	2,922
Wren's Abruzzi AL	187	1,081	1,051	552	2,871
Wren's 96	211	716	1,166	611	2,705
Triticale					
Trical 2700	206	1,009	1,010	635	2,860

TABLE 13. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PRATTVILLE RESEARCH FIELD, PRATTVILLE, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
AR 584A-3-1	—	779	2,242	1,277	4,299
Roberts	—	810	2,373	812	3,996
AR 494B-2-2	—	1,064	2,029	758	3,851
VA96W-158	—	661	2,117	781	3,558
VA96W-270	—	768	2,128	608	3,503
Test Mean	—	817	2,178	847	3,841
C.V. (%)	—	37	10	28	10
L.S.D (.10)	—	459	323	366	594
Oat					
FL 920HR31,314	—	710	2,257	1,522	4,489
Harrison	—	502	2,392	1,300	4,194
SC 910337	—	881	2,144	1,042	4,067
Secretariat LA 495	—	751	1,844	1,311	3,907
Chapman	—	397	2,007	1,435	3,839
Ga Mitchell	—	741	1,674	1,009	3,424
Test Mean	—	664	2,053	1,270	3,987
C.V. (%)	—	35	11	19	10
L.S.D (.10)	—	349	321	354	593
Rye					
Oklon	—	1,065	2,536	709	4,310
Elbon	—	980	2,477	745	4,201
Wintergrazer 70	—	986	2,370	758	4,113
Maton	—	783	2,394	899	4,076
Bates	—	1,060	2,320	679	4,059
SPI Rye	—	1,044	2,399	544	3,986
SS Early Graze	—	1,444	1,881	636	3,961
Wheeler	—	770	1,609	1,526	3,906
Wren's 96	—	1,056	2,098	616	3,771
Wren's Abruzzi AL	—	824	1,737	635	3,196
Test Mean	—	1,001	2,182	775	3,958
C.V. (%)	—	29	12	18	8
L.S.D (.10)	—	405	376	195	450
Triticale					
Trical 2700	—	1,187	1,600	1,015	3,802
Trical 498	—	528	663	600	1,792
Test Mean	—	858	1,132	808	2,797
C.V. (%)	—	17	8	9	10
L.S.D (.10)	—	352	205	177	682

TABLE 14. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PRATTVILLE RESEARCH FIELD, PRATTVILLE, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	—	2,162	3,017	406	5,584
Oat					
Harrison	—	1,511	3,243	650	5,404
FL 920HR31,314	—	1,391	3,190	761	5,342
Chapman	—	1,350	2,891	717	4,958
Ga Mitchell	—	1,547	2,379	505	4,431
Rye					
Bates	—	2,498	2,866	340	5,704
Elbon	—	2,045	3,062	372	5,479
Wintergrazer 70	—	2,291	2,788	379	5,458
Oklon	—	2,090	2,917	355	5,361
Maton	—	1,637	3,269	449	5,356
SS Early Graze	—	2,507	2,502	318	5,327
Wheeler	—	1,777	2,393	763	4,933
Wren's 96	—	2,241	2,337	308	4,886
Wren's Abruzzi AL	—	1,657	2,193	318	4,167
Triticale					
Trical 2700	—	1,692	2,300	508	4,499

TABLE 15. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PRATTVILLE RESEARCH FIELD, PRATTVILLE, ALABAMA, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	—	2,428	2,233	271	4,932
Oat					
Harrison	—	1,630	2,332	433	4,395
Chapman	—	1,674	2,085	478	4,238
Ga Mitchell	—	1,859	1,743	336	3,938
Rye					
Bates	—	2,609	2,239	226	5,074
Wintergrazer 70	—	2,229	2,222	253	4,704
Oklon	—	2,138	2,317	236	4,691
Elbon	—	2,005	2,421	248	4,674
Maton	—	1,663	2,581	300	4,543
Wren's 96	—	2,474	1,820	205	4,500
Wren's Abruzzi AL	—	2,281	1,718	212	4,210
Triticale					
Trical 2700	—	1,850	1,858	338	4,046

TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT E.V. SMITH RESEARCH CENTER, TALLASSEE, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
AR 584A-3-1	570	1,763	3,759	204	6,295
Roberts	582	1,776	3,117	207	5,682
AR 494B-2-2	668	1,789	2,501	317	5,275
VA96W-270	510	1,518	2,753	245	5,026
VA96W-158	607	1,625	2,564	132	4,928
Test Mean	587	1,694	2,939	221	5,441
C.V. (%)	19	25	19	32	15
L.S.D (.10)	167	645	865	107	1,215
Oat					
Ga Mitchell	627	1,965	3,823	351	6,767
Harrison	841	1,919	3,126	257	6,143
FL 920HR31,314	606	2,016	2,240	423	5,285
Secretariat LA 495	576	1,688	1,769	379	4,412
SC 910337	295	1,989	1,746	348	4,377
Chapman	375	1,567	2,035	168	4,145
Test Mean	553	1,857	2,456	321	5,188
C.V. (%)	29	21	56	47	32
L.S.D (.10)	237	569	2,035	222	2,419
Rye					
SS Early Graze	1,022	2,365	2,888	288	6,563
Wheeler	1,066	2,056	2,572	416	6,110
Oklon	1,068	2,404	2,276	251	5,999
Maton	1,015	1,927	2,657	316	5,915
Bates	1,043	2,648	1,727	216	5,634
Elbon	986	1,886	2,581	168	5,621
Wintergrazer 70	1,135	2,122	2,085	278	5,619
SPI Rye	987	2,030	2,273	241	5,530
Wren's 96	861	2,369	1,720	286	5,237
Wren's Abruzzi AL	1,308	2,066	1,148	389	4,911
Test Mean	1,049	2,187	2,193	285	5,714
C.V. (%)	17	20	42	35	21
L.S.D (.10)	260	627	1,300	143	1,690
Triticale					
Trical 2700	735	1,882	1,809	288	4,713
Trical 498	937	1,757	988	—	3,682
Test Mean	836	1,819	1,398	288	4,197
C.V. (%)	14	8	2	0	5
L.S.D (.10)	281	350	65	0	549

TABLE 17. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT E. V. SMITH RESEARCH CENTER, TALLASSEE, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	1,552	1,293	2,330	103	5,278
Oat					
Harrison	1,890	1,341	2,315	129	5,675
Ga Mitchell	1,524	1,408	2,490	176	5,597
FL 920HR31,314	1,531	1,272	1,693	212	4,707
Chapman	1,148	1,285	1,586	84	4,104
Rye					
Elbon	2,964	1,326	2,228	84	6,603
SS Early Graze	1,889	1,647	2,338	144	6,019
Oklon	2,007	1,569	2,189	126	5,891
Wren's 96	2,335	1,716	1,663	143	5,858
Wintergrazer 70	2,076	1,514	1,831	139	5,561
Wheeler	1,969	1,436	1,782	208	5,395
Bates	1,572	1,730	1,724	108	5,133
Maton	1,323	1,264	2,205	158	4,951
Wren's Abruzzi AL	1,824	1,703	1,150	194	4,871
Triticale					
Trical 2700	1,404	1,403	1,468	144	4,419

TABLE 18. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT E. V. SMITH RESEARCH CENTER, TALLASSEE, ALABAMA, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	1,288	1,240	1,890	489	4,906
Oat					
Harrison	1,382	1,206	1,768	555	4,911
Ga Mitchell	1,118	1,252	1,828	378	4,576
Chapman	870	1,324	1,239	387	3,820
Rye					
Elbon	2,226	1,220	1,891	346	5,684
Wren's 96	1,929	1,581	1,418	341	5,269
Oklon	1,598	1,338	1,918	311	5,166
Wintergrazer 70	1,606	1,359	1,713	398	5,076
Bates	1,288	1,566	1,512	294	4,660
Maton	1,011	1,013	1,960	421	4,404
Wren's Abruzzi AL	1,510	1,563	975	309	4,357
Triticale					
Trical 2700	1,049	1,226	1,343	405	4,023

TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST RESEARCH AND EXTENSION CENTER, FAIRHOPE, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
VA96W-270	1,090	2,341	1,334	—	4,765
Roberts	1,285	2,200	689	—	4,174
VA96W-158	1,054	2,122	643	—	3,819
Test Mean	1,143	2,221	889	—	4,253
C.V. (%)	5	5	11	—	2
L.S.D (.10)	102	177	173	—	178
Oat					
Harrison	1,852	2,424	1,632	—	5,908
Secretariat LA 495	1,706	2,394	1,567	—	5,667
SC 910337	1,510	2,332	1,697	—	5,539
FL 920HR31,314	1,305	2,477	1,517	—	5,299
Ga Mitchell	1,459	2,353	1,440	—	5,251
Chapman	1,370	2,442	1,150	—	4,962
Test Mean	1,534	2,404	1,500	—	5,438
C.V. (%)	13	4	6	—	4
L.S.D (.10)	295	128	125	—	351
Rye					
SPI Rye	2,283	2,617	1,306	—	6,206
Wren's 96	2,351	2,403	1,045	—	5,798
Wintergrazer 70	2,380	2,180	1,202	—	5,762
Oklon	2,143	2,327	1,264	—	5,733
Maton	1,872	2,036	1,775	—	5,683
Elbon	2,119	2,116	1,423	—	5,658
Bates	2,154	2,207	1,143	—	5,504
SS Early Graze	2,066	2,145	969	—	5,180
Wren's Abruzzi AL	2,073	2,419	624	—	5,116
Wheeler	1,936	1,993	963	—	4,892
Test Mean	2,138	2,244	1,171	—	5,553
C.V. (%)	14	15	13	—	10
L.S.D (.10)	423	472	218	—	784
Triticale					
Trical 2700	2,252	2,041	668	—	4,960
Trical 498	1,929	1,851	195	—	3,974
Test Mean	2,090	1,946	431	—	4,467
C.V. (%)	21	3	19	—	9
L.S.D (.10)	1,062	162	194	—	1,003

TABLE 20. 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, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	1,479	2,019	1,534	—	5,033
Oat					
FL 920HR31,314	1,722	2,441	2,392	1,315	7,871
Harrison	2,023	2,301	2,171	345	6,840
Secretariat LA 495	1,706	2,043	2,064	1,002	6,815
Ga Mitchell	1,752	2,270	1,982	276	6,280
Chapman	1,516	2,206	1,670	279	5,672
Rye					
Wren's 96	2,365	2,206	1,755	—	6,326
Elbon	2,134	2,121	2,025	—	6,281
Oklon	2,247	2,129	1,795	—	6,171
Bates	2,303	2,181	1,660	—	6,144
Wintergrazer 70	2,114	2,175	1,817	—	6,106
Maton	2,006	2,003	2,070	—	6,078
SS Early Graze	1,978	2,127	1,841	—	5,946
Wren's Abruzzi AL	1,978	2,201	1,344	—	5,523
Wheeler	1,942	2,115	1,448	—	5,506
Triticale					
Trical 2700	2,211	1,889	1,278	—	5,378

TABLE 21. THREE-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, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	1,416	2,195	1,426	453	5,491
Oat					
Harrison	1,689	2,302	1,607	1,369	6,968
Ga Mitchell	1,548	2,121	1,467	936	6,072
Chapman	1,370	2,092	1,262	1,078	5,802
Rye					
Maton	1,784	2,196	1,871	531	6,382
Bates	2,077	2,329	1,297	637	6,340
Elbon	1,840	2,211	1,750	439	6,240
Oklon	1,995	2,200	1,500	489	6,183
Wintergrazer 70	1,803	2,268	1,571	504	6,145
Wren's 96	2,024	2,237	1,240	512	6,012
Wren's Abruzzi AL	1,659	2,129	949	642	5,380
Triticale					
Trical 2700	1,858	2,009	1,137	871	5,874

TABLE 22. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT MONROEVILLE RESEARCH FIELD, MONROEVILLE, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
VA96W-158	809	2,210	2,367	—	5,387
VA96W-270	744	1,756	2,445	—	4,945
Roberts	675	2,021	2,066	—	4,762
Test Mean	743	1,996	2,293	—	5,031
C.V. (%)	21	9	4	—	5
L.S.D (.10)	268	297	162	—	454
Oat					
Ga Mitchell	759	1,862	2,073	—	4,694
FL 920HR31,314	601	1,845	2,233	—	4,678
Secretariat LA 495	636	1,770	2,178	—	4,585
SC 910337	517	1,751	2,269	—	4,536
Harrison	543	1,681	2,306	—	4,531
Chapman	603	2,015	1,909	—	4,527
Test Mean	610	1,821	2,161	—	4,592
C.V. (%)	21	11	9	—	6
L.S.D (.10)	189	308	272	—	420
Rye					
Wren's 96	1,136	2,209	2,610	—	5,956
SS Early Graze	1,198	1,970	2,477	—	5,646
SPI Rye	1,079	1,734	2,641	—	5,454
Wintergrazer 70	1,090	1,856	2,502	—	5,448
Bates	1,285	1,731	2,292	—	5,307
Wren's Abruzzi AL	1,233	2,183	1,835	—	5,251
Elbon	1,230	1,676	2,214	—	5,119
Maton	1,051	1,641	2,423	—	5,115
Wheeler	1,384	1,910	1,716	—	5,011
Oklon	1,039	1,504	2,346	—	4,889
Test Mean	1,172	1,841	2,306	—	5,320
C.V. (%)	24	10	5	—	8
L.S.D (.10)	394	266	151	—	584
Triticale					
Trical 2700	1,036	2,132	2,070	—	5,238
Trical 498	1,044	2,180	1,065	—	4,288
Test Mean	1,040	2,156	1,567	—	4,763
C.V. (%)	15	5	4	—	2
L.S.D (.10)	383	246	158	—	215

TABLE 23. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT MONROEVILLE RESEARCH FIELD, MONROEVILLE, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	642	2,072	2,674	—	5,388
Oat					
FL 920HR31,314	600	1,902	2,820	—	5,323
Ga Mitchell	769	1,853	2,619	—	5,241
Secretariat LA 495	693	1,811	2,657	—	5,161
Chapman	634	1,932	2,521	—	5,086
Harrison	509	1,653	2,702	—	4,864
Rye					
Wren's 96	1,127	2,313	3,522	—	6,962
Wintergrazer 70	1,007	1,982	3,390	—	6,380
Bates	1,168	1,960	3,097	—	6,224
SS Early Graze	1,004	2,003	3,149	—	6,156
Oklon	1,116	1,782	3,206	—	6,104
Elbon	1,126	1,748	3,094	—	5,967
Wren's Abruzzi AL	1,150	2,178	2,479	—	5,806
Maton	994	1,677	2,941	—	5,612
Wheeler	1,193	1,982	1,786	—	4,961
Triticale					
Trical 2700	912	2,064	2,285	—	5,261

TABLE 24. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT MONROEVILLE EXPERIMENT FIELD, MONROEVILLE, ALABAMA, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	428	1,563	2,195	—	4,186
Oat					
Ga Mitchell	513	1,337	2,275	—	4,125
Chapman	423	1,377	2,261	—	4,060
Harrison	339	1,190	2,260	—	3,789
Rye					
Wren's 96	751	1,710	2,750	—	5,210
Wintergrazer 70	672	1,439	2,609	—	4,719
Bates	778	1,469	2,449	—	4,697
Wren's Abruzzi AL	766	1,642	2,141	—	4,549
Oklon	744	1,292	2,467	—	4,503
Elbon	751	1,260	2,405	—	4,416
Maton	663	1,207	2,321	—	4,190
Triticale					
Trical 2700	608	1,480	2,035	—	4,124

TABLE 25. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, ALABAMA, 2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
VA96W-270	—	1,763	3,834	—	5,597
VA96W-158	—	2,109	3,359	—	5,468
Roberts	—	2,225	3,133	—	5,358
Test Mean	—	2,032	3,442	—	5,474
C.V. (%)	—	15	9	—	6
L.S.D (.10)	—	539	511	—	602
Oat					
Secretariat LA 495	—	2,619	3,504	—	6,123
SC 910337	—	2,664	2,996	—	5,660
FL 920HR31,314	—	2,198	3,269	—	5,466
Ga Mitchell	—	2,464	2,854	—	5,318
Harrison	—	2,492	2,766	—	5,258
Chapman	—	2,561	2,602	—	5,163
Test Mean	—	2,500	2,998	—	5,498
C.V. (%)	—	15	14	—	7
L.S.D (.10)	—	558	604	—	533
Rye					
Wren's 96	—	4,847	3,154	—	8,001
Maton	—	3,175	4,549	—	7,725
Wintergrazer 70	—	3,481	3,772	—	7,253
Bates	—	3,076	3,956	—	7,032
SPI Rye	—	2,790	3,901	—	6,691
SS Early Graze	—	3,354	3,336	—	6,690
Oklon	—	2,389	4,212	—	6,601
Wheeler	—	3,231	3,202	—	6,433
Wren's Abruzzi AL	—	4,505	1,824	—	6,329
Elbon	—	2,318	3,865	—	6,183
Test Mean	—	3,317	3,577	—	6,894
C.V. (%)	—	17	9	—	12
L.S.D (.10)	—	801	478	—	1,171
Triticale					
Trical 2700	—	3,092	2,409	—	5,501
Trical 498	—	2,664	1,002	—	3,666
Test Mean	—	2,878	1,706	—	4,584
C.V. (%)	—	4	16	—	9
L.S.D (.10)	—	285	651	—	935

TABLE 26. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, ALABAMA, 1999-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	753	2,305	3,249	—	6,306
Oat					
Secretariat LA 495	669	2,313	3,960	—	6,943
Harrison	810	2,457	3,573	—	6,840
FL 920HR31,314	708	2,261	3,787	—	6,757
Ga Mitchell	710	2,242	3,174	—	6,126
Chapman	872	2,227	2,992	—	6,091
Rye					
Maton	893	2,734	5,140	—	8,767
Bates	684	2,839	4,796	—	8,319
Wren's 96	652	3,577	3,869	—	8,098
Oklon	587	2,296	5,012	—	7,894
Wintergrazer 70	599	2,878	4,369	—	7,846
Elbon	658	2,238	4,751	—	7,647
SS Early Graze	587	2,769	4,153	—	7,509
Wren's Abruzzi AL	780	3,423	2,932	—	7,135
Wheeler	486	2,666	3,562	—	6,715
Triticale					
Trical 2700	914	2,682	2,890	—	6,485

TABLE 27. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT WIREGRASS RESEARCH AND EXTENSION CENTER, HEADLAND, ALABAMA, 1998-2000

Brand-Variety	Seasonal Forage Yield/Acre				Total
	Autumn	Winter	Early Spring	Late Spring	
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>
Wheat					
Roberts	795	2,912	3,459	—	7,166
Oat					
Harrison	774	3,058	3,756	—	7,588
Chapman	752	3,091	3,519	—	7,362
Ga Mitchell	657	3,093	3,496	—	7,247
Rye					
Bates	791	3,927	4,533	—	9,252
Maton	877	3,229	5,135	—	9,240
Wren's 96	933	4,355	3,439	—	8,726
Wintergrazer 70	623	3,761	4,338	—	8,722
Oklon	737	3,270	4,659	—	8,666
Elbon	657	3,003	4,436	—	8,096
Wren's Abruzzi AL	893	4,029	2,812	—	7,733
Triticale					
Trical 2700	788	3,522	3,538	—	7,849

Sources of Seed

Wheat

AR 494B-2-2*	University of Arkansas
AR 584A-5-1*	Fayetteville, Arkansas
Roberts	Univ. of Georgia, Georgia Station
	Griffin, Georgia
VA 96W-158*	Virginia Crop Improvement Assn.
VA 96W-270*	Mt. Holly, Virginia

Oats

Chapman	Univ. of Florida, Agric. Res. Ctr.
FL 920HR31,314*	Quincy, Florida
Ga Mitchell	Alabama Crop Improvement
	Assoc., Auburn, Alabama
Harrison	Alabama Farmer's Coop
	Decatur, Alabama
SC 910337*	Clemson University
	Clemson, South Carolina
Secretariat LA 495	Terral Seed, Inc.
	Lake Providence, Louisiana

Rye

Wren's Abruzzi AL	Alabama Crop Improvement
	Assoc., Auburn, Alabama
Bates, Elbon, Maton, Oklon	Samuel Roberts Noble Founda-
	tion, Inc., Ardmore, Oklahoma
Wren's 96	Univ. of Georgia, Georgia Station
	Griffin, Georgia
Wintergrazer 70	Pennington Seed, Inc.
SPR Rye	Madison, Georgia
SS Wheeler	Southern States Coop.
SS Early Graze	Richmond, Virginia
Triticale	
Trical 498	Resource Seeds, Inc.
Trical 2700	Union, Kentucky

*Experimental line; not yet commercially available.