



THE 1995  
ALABAMA  
PERFORMANCE  
OF SMALL GRAIN  
VARIETIES  
FOR FORAGE

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

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# THE 1995 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 the State. 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 and varietal forage yield by season.

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 11 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 design 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.

The tests are normally planted in late September to early October. Most test locations were planted at normal times of late September and early October 1992 and 1994. In 1994, Winfield was planted October 31. In 1993, all tests were planted in October. The tests were fertilized at planting with 100 pounds N per acre and clipped with a flail-type mower each time

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they reached 6 inches in height. 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**

Dry matter forage is recorded for seasonal and total yields 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 forage variety performance often vary among locations and years. Multiple-year averages are given here to use as a better indicator for performance comparison. In the 1992-93 growing season, there was little damage to any of the small grain species. A very dry April and early May resulted in little or no late spring growth for both growing seasons. In the 1993-94 growing season, a dry fall resulted in little or no fall and winter growth. In the 1994-95 growing season, wet, cloudy conditions in the north reduced fall growth. A mild winter allowed good forage production in the spring.

TABLE 1. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1995

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Wheat</b>					
Florida 304 .....	1,147	-	1,590	192	2,928
GA Stuckey .....	1,168	-	1,321	249	2,739
Wakefield .....	949	-	1,366	365	2,680
Stacy .....	1,172	-	1,264	244	2,680
GA Dozier .....	1,031	-	1,381	200	2,611
Hazen .....	1,025	-	1,143	332	2,500
Jackson .....	877	-	1,225	308	2,410
Madison .....	739	-	1,216	308	2,264
Saluda .....	833	-	1,108	273	2,214
Florida 302 .....	874	-	974	215	2,064
<u>GA Morey .....</u>	<u>1,045</u>	-	<u>550</u>	<u>94</u>	<u>1,689</u>
Test Mean .....	987	-	1,194	253	2,434
C.V. (%) .....	14	-	12	16	9
<u>L.S.D (.10) .....</u>	<u>196</u>	-	<u>197</u>	<u>57</u>	<u>320</u>
<b>Oats</b>					
Ozark .....	1,062	-	1,078	430	2,571
FL 874-S1-G3 .....	1,377	-	610	178	2,165
Simpson .....	920	-	770	333	2,022
Citation .....	1,427	-	428	140	1,995
FL 874-E55 .....	1,088	-	581	122	1,792
Florida 502 .....	1,209	-	288	-	1,496
Iapar 61 .....	1,388	-	0	-	1,388
<u>Florida 501 .....</u>	<u>949</u>	-	<u>185</u>	<u>-</u>	<u>1,134</u>
Test Mean .....	1,177	-	493	241	1,820
C.V. (%) .....	15	-	31	28	13
<u>L.S.D (.10) .....</u>	<u>250</u>	-	<u>223</u>	<u>97</u>	<u>352</u>
<b>Barley</b>					
Pamunkey .....	1,327	-	1,941	599	3,867
Wysor .....	983	-	1,564	683	3,230
Nomini .....	1,074	-	1,482	582	3,138
<u>Starling .....</u>	<u>997</u>	-	<u>1,660</u>	<u>422</u>	<u>3,079</u>
Test Mean .....	1,095	-	1,662	571	3,328
C.V. (%) .....	13	-	9	9	7
<u>L.S.D (.10) .....</u>	<u>219</u>	-	<u>233</u>	<u>81</u>	<u>383</u>

Continued

TABLE 1. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Rye</b>					
Oklon .....	1,431	-	2,543	1,165	5,140
GA WACL-7 .....	1,425	-	2,632	925	4,981
AFC 20-30 .....	1,429	-	2,408	1,023	4,860
NF 73 .....	1,387	-	2,216	1,017	4,620
AFC 20-20 .....	1,526	-	2,101	913	4,541
Wintergrazer 70 .....	1,333	-	2,187	972	4,492
Maton .....	1,331	-	2,192	960	4,483
Wren's Abruzzi AL .....	1,339	-	2,284	842	4,465
Bonel .....	1,391	-	1,980	1,033	4,404
Florida 401 .....	<u>1,823</u>	-	<u>757</u>	<u>621</u>	<u>3,202</u>
Test Mean .....	1,442	-	2,130	947	4,519
C.V. (%) .....	11	-	8	12	7
L.S.D (.10) .....	<u>225</u>	-	<u>253</u>	<u>167</u>	<u>469</u>
<b>Triticale</b>					
Trical 2700 .....	1,367	-	1,601	991	3,958
Sunland .....	<u>1,946</u>	-	<u>221</u>	-	<u>2,167</u>
Test Mean .....	1,656	-	911	991	3,063
C.V. (%) .....	7	-	14	-	7
L.S.D (.10) .....	272	-	311	-	491

TABLE 2. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1994-95

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	716	896	1,169	96	2,877
Stacy .....	723	744	1,182	122	2,772
Wakefield .....	607	734	1,214	183	2,738

Continued



TABLE 2. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS,  
BARLEY, AND RYE VARIETIES CUT AS FORAGE AT TENNESSEE  
VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1994-95

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
Jackson .....	590	699	1,141	154	2,583
Florida 302 .....	573	874	856	108	2,411
Madison .....	440	568	1,155	154	2,317
Saluda .....	508	478	1,143	137	2,266
<b>Oats</b>					
Ozark .....	636	600	1,224	215	2,675
Simpson .....	576	534	1,016	166	2,292
Citation .....	820	403	744	70	2,037
Florida 502 .....	711	411	572	-	1,695
Florida 501 .....	640	353	585	-	1,577
<b>Barley</b>					
Pamunkey .....	827	619	1,737	299	3,482
Wysor .....	618	428	1,727	342	3,115
Nomini .....	728	516	1,555	291	3,089
Starling .....	667	490	1,655	211	3,023
<b>Rye</b>					
Bonel .....	953	1,108	1,455	516	4,032
Wintergrazer 70 .....	974	1,005	1,521	486	3,986
NF 73 .....	850	840	1,752	508	3,950
AFC 20-20 .....	1,047	910	1,530	457	3,944
Wren's Abruzzi AL .....	981	1,091	1,271	421	3,764
Florida 401 .....	1,170	604	663	311	2,748

**TABLE 3. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS,  
BARLEY, AND RYE VARIETIES CUT AS FORAGE AT TENNESSEE  
VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Florida 304 .....	477	1,058	1,186	341	3,063
Wakefield .....	404	849	1,283	403	2,939
Florida 302 .....	382	1,042	989	430	2,844
Saluda .....	339	661	1,189	382	2,572
Madison .....	294	593	1,204	417	2,508
<b>Oats</b>					
Simpson .....	384	818	1,187	585	2,974
Ozark .....	424	703	1,237	517	2,881
Citation .....	547	741	903	329	2,519
Florida 501 .....	427	896	719	237	2,279
Florida 502 .....	474	751	759	256	2,240
<b>Barley</b>					
Wysor .....	412	800	1,778	584	3,574
Nomini .....	485	654	1,585	591	3,315
Starling .....	444	606	1,774	479	3,304
<b>Rye</b>					
Bonel .....	635	1,533	1,365	622	4,155
Wren's Abruzzi AL .....	654	1,743	1,091	559	4,047
Wintergrazer 70 .....	649	1,330	1,419	626	4,024
AFC 20-20 .....	698	1,240	1,379	615	3,932
Florida 401 .....	780	1,749	510	532	3,571

**TABLE 4. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1995**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Morey .....	-	-	2,941	-	2,941
Florida 304 .....	-	-	2,424	201	2,625
Jackson .....	-	-	2,176	270	2,446
Stacy .....	-	-	2,004	248	2,252
GA Stuckey .....	-	-	2,104	-	2,104
Florida 302 .....	-	-	1,872	193	2,065
GA Dozier .....	-	-	1,652	227	1,879
Hazen .....	-	-	1,482	201	1,682
Wakefield .....	-	-	1,400	223	1,623
Saluda .....	-	-	1,397	214	1,612
<u>Madison .....</u>	-	-	<u>1,322</u>	<u>239</u>	<u>1,561</u>
Test Mean .....	-	-	1,889	224	2,072
C.V. (%) .....	-	-	15	13	14
<u>L.S.D (.10) .....</u>	-	-	<u>389</u>	<u>45</u>	<u>408</u>
<b>Oats</b>					
FL 874-S1-G3 .....	-	-	1,156	-	1,156
FL 874-E55 .....	-	-	1,137	-	1,137
Florida 501 .....	-	-	1,074	-	1,074
Citation .....	-	-	982	-	982
Simpson .....	-	-	775	163	938
Florida 502 .....	-	-	857	-	857
<u>Ozark .....</u>	-	-	<u>739</u>	<u>-</u>	<u>739</u>
Test Mean .....	-	-	960	163	983
C.V. (%) .....	-	-	30	-	30
<u>L.S.D (.10) .....</u>	-	-	<u>413</u>	<u>-</u>	<u>425</u>
<b>Barley</b>					
Pamunkey .....	-	-	1,967	224	2,191
Wysor .....	-	-	1,693	253	1,945
Starling .....	-	-	1,678	170	1,848
<u>Nomini .....</u>	-	-	<u>1,492</u>	<u>231</u>	<u>1,723</u>
Test Mean .....	-	-	1,708	219	1,927
C.V. (%) .....	-	-	9	4	7
<u>L.S.D (.10) .....</u>	-	-	<u>249</u>	<u>16</u>	<u>217</u>

Continued

TABLE 4. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Rye</b>					
NF 73 .....	-	843	2,347	184	3,373
Oklon .....	-	1,429	1,751	152	3,332
AFC 20-20 .....	-	1,320	1,868	-	3,188
AFC 20-30 .....	-	1,402	1,604	169	3,174
Wintergrazer 70 .....	-	524	2,430	203	3,156
GA WACL-7 .....	-	1,340	1,480	152	2,973
Wren's Abruzzi AL .....	-	1,777	985	153	2,915
Florida 401 .....	-	2,131	582	158	2,870
Maton .....	-	358	2,050	205	2,613
<u>Bonel .....</u>	-	<u>427</u>	<u>1,852</u>	<u>163</u>	<u>2,442</u>
Test Mean .....	-	1,155	1,695	171	3,004
C.V. (%) .....	-	22	11	13	12
<u>L.S.D (.10) .....</u>	-	<u>353</u>	<u>257</u>	<u>32</u>	<u>497</u>
<b>Triticale</b>					
Trical 2700 .....	-	268	2,025	337	2,630
<u>Sunland .....</u>	-	<u>1,870</u>	<u>749</u>	-	<u>2,619</u>
Test Mean .....	-	1,069	1,387	337	2,624
C.V. (%) .....	-	-	17	-	9
L.S.D (.10) .....	-	-	548	-	579

TABLE 5. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1994-95

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Jackson .....	-	-	1,904	471	2,375
Florida 304 .....	-	-	2,023	281	2,304
Stacy .....	-	-	1,738	422	2,161
Florida 302 .....	-	-	1,733	337	2,069
Wakefield .....	-	-	1,484	468	1,952
Saluda .....	-	-	1,449	416	1,864
Madison .....	-	-	1,347	440	1,787

Continued

**TABLE 5. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Oats</b>					
Florida 501 .....	-	-	1,059	464	1,523
Simpson .....	-	-	1,015	416	1,430
Citation .....	-	-	989	355	1,345
Florida 502 .....	-	-	843	379	1,222
Ozark .....	-	-	870	287	1,158
<b>Barley</b>					
Pamunkey .....	-	-	1,679	535	2,214
Wysor .....	-	-	1,532	587	2,120
Starling .....	-	-	1,523	399	1,922
Nomini .....	-	-	1,357	485	1,842
<b>Rye</b>					
NF 73 .....	-	534	2,061	461	3,057
Wintergrazer 70 .....	-	552	1,826	480	2,858
AFC 20-20 .....	-	796	1,467	405	2,667
Bonel .....	-	375	1,778	456	2,609
Wren's Abruzzi AL .....	-	1,293	884	384	2,561
Florida 401 .....	-	1,417	626	394	2,437

**TABLE 6. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Wheat</b>					
Florida 304 .....	24	234	1,816	358	2,433
Wakefield .....	43	143	1,558	516	2,260
Florida 302 .....	42	266	1,543	363	2,213
Madison .....	44	76	1,425	505	2,050
Saluda .....	36	104	1,419	452	2,011

Continued

**TABLE 6. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1993-95**  
Continued

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>
<b>Oats</b>					
Florida 501 .....	78	263	1,003	413	1,756
Simpson .....	29	104	1,182	413	1,727
Citation .....	45	202	1,042	359	1,649
Ozark .....	15	68	1,012	314	1,410
Florida 502 .....	20	195	771	346	1,332
<b>Barley</b>					
Wysor .....	67	26	1,916	535	2,545
Starling .....	32	30	1,932	341	2,335
Nomini .....	44	32	1,680	505	2,261
<b>Rye</b>					
Bonel .....	285	524	1,828	602	3,239
Wintergrazer 70 .....	119	581	1,785	630	3,116
Wren's Abruzzi AL .....	361	1,201	919	518	2,999
AFC 20-20 .....	160	779	1,440	570	2,949
Florida 401 .....	265	1,434	559	585	2,843

**TABLE 7. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN SUBSTATION, WINFIELD, ALABAMA, 1995**

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>
<b>Wheat</b>					
GA Stuckey .....	-	625	1,758	-	2,383
Florida 304 .....	-	513	1,739	-	2,252
GA Morey .....	-	950	1,034	-	1,984
Stacy .....	-	445	1,432	-	1,877
Florida 302 .....	-	470	1,396	-	1,866
Madison .....	-	306	1,493	-	1,799
Wakefield .....	-	453	1,289	-	1,742
Saluda .....	-	554	1,175	-	1,728
Jackson .....	-	252	1,262	-	1,514
GA Dozier .....	-	285	1,196	-	1,481
<u>Hazen</u> .....	-	<u>261</u>	<u>1,098</u>	-	<u>1,358</u>
Test Mean .....	-	465	1,352	-	1,817
C.V. (%) .....	-	51	16	-	20
L.S.D (.10) .....	-	334	298	-	512

Continued

TABLE 7. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, RYE AND TRITICALE VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN SUBSTATION, WINFIELD, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn Lb.	Winter Lb.	Early Spring Lb.	Late Spring Lb.	
<b>Oats</b>					
FL 874-S1-G3 .....	-	768	1,763	-	2,531
Iapar 61 .....	-	1,289	1,148	-	2,437
FL 874-E55 .....	-	425	1,601	-	2,026
Citation .....	-	606	1,322	-	1,929
Florida 501 .....	-	938	947	-	1,885
Florida 502 .....	-	594	1,230	-	1,824
Simpson .....	-	419	1,261	-	1,680
<u>Ozark .....</u>	-	<u>371</u>	<u>1,108</u>	-	<u>1,479</u>
Test Mean .....	-	676	1,298	-	1,974
C.V. (%) .....	-	80	34	-	32
<u>L.S.D (.10) .....</u>	-	<u>780</u>	<u>643</u>	-	<u>914</u>
<b>Barley</b>					
Pamunkey .....	-	331	1,730	-	2,061
Nomini .....	-	404	1,622	-	2,026
Wysor .....	-	272	1,418	-	1,690
<u>Starling .....</u>	-	<u>327</u>	<u>1,323</u>	-	<u>1,650</u>
Test Mean .....	-	334	1,523	-	1,857
C.V. (%) .....	-	61	29	-	33
<u>L.S.D (.10) .....</u>	-	<u>325</u>	<u>692</u>	-	<u>1,012</u>
<b>Rye</b>					
Oklon .....	-	966	2,124	-	3,090
AFC 20-20 .....	-	815	2,092	-	2,906
Florida 401 .....	-	1,698	1,113	-	2,812
GA WACL-7 .....	-	828	1,920	-	2,748
Wintergrazer 70 .....	-	605	1,981	-	2,585
NF 73 .....	-	498	2,049	-	2,548
Bonel .....	-	366	1,863	-	2,229
Wren's Abruzzi AL .....	-	835	1,338	-	2,173
AFC 20-30 .....	-	591	1,538	-	2,129
<u>Maton .....</u>	-	<u>299</u>	<u>1,530</u>	-	<u>1,830</u>
Test Mean .....	-	750	1,755	-	2,505
C.V. (%) .....	-	56	17	-	27
<u>L.S.D (.10) .....</u>	-	<u>591</u>	<u>429</u>	-	<u>952</u>
<b>Triticale</b>					
Sunland .....	-	1,625	1,122	-	2,747
<u>Trical 2700 .....</u>	-	<u>415</u>	<u>1,327</u>	-	<u>1,742</u>
Test Mean .....	-	1,020	1,225	-	2,244
C.V. (%) .....	-	30	5	-	16
<u>L.S.D (.10) .....</u>	-	<u>739</u>	<u>158</u>	-	<u>850</u>

**TABLE 8. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS,  
BARLEY, AND RYE VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN SUBSTATION,  
WINFIELD, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Florida 304 .....	-	698	2,592	-	3,291
Saluda.....	-	659	2,586	-	3,245
Jackson .....	-	623	2,565	-	3,188
Florida 302 .....	-	826	2,284	-	3,109
Stacy .....	-	609	2,468	-	3,077
Madison.....	-	426	2,442	-	2,868
Wakefield.....	-	226	645	-	871
<b>Oats</b>					
Simpson .....	-	683	2,544	-	3,227
Citation.....	-	704	2,444	-	3,148
Florida 501 .....	-	995	2,056	-	3,052
Florida 502 .....	-	820	2,119	-	2,939
Ozark.....	-	484	2,388	-	2,872
<b>Barley</b>					
Pamunkey .....	-	604	2,844	-	3,448
Starling.....	-	361	2,777	-	3,138
Wysor .....	-	270	2,850	-	3,119
Nomini.....	-	533	2,559	-	3,092
<b>Rye</b>					
AFC 20-20 .....	-	1,177	2,546	-	3,723
NF 73 .....	-	728	2,849	-	3,577
Bonel .....	-	965	2,562	-	3,527
Wintergrazer 70 .....	-	1,209	2,302	-	3,511
Wren's Abruzzi AL.....	-	1,428	1,882	-	3,310
Florida 401 .....	-	1,807	1,458	-	3,265



**TABLE 9. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN SUBSTATION, WINFIELD, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	-	1,058	2,188	-	3,246
Saluda.....	-	835	2,349	-	3,184
Florida 302 .....	-	1,073	1,978	-	3,051
Madison.....	-	734	2,117	-	2,851
Wakefield.....	-	671	922	-	1,593
<b>Oats</b>					
Simpson.....	-	837	2,390	-	3,227
Citation.....	-	989	2,139	-	3,128
Ozark.....	-	839	2,148	-	2,988
Florida 501 .....	-	1,206	1,722	-	2,928
Florida 502 .....	-	1,081	1,774	-	2,855
<b>Barley</b>					
Wysor .....	-	605	2,711	-	3,315
Nomini.....	-	683	2,429	-	3,113
Starling.....	-	468	2,605	-	3,073
<b>Rye</b>					
AFC 20-20 .....	-	1,380	2,498	-	3,878
Bonel .....	-	1,279	2,314	-	3,593
Wintergrazer 70 .....	-	1,329	2,202	-	3,531
Florida 401 .....	-	2,071	1,359	-	3,430
Wren's Abruzzi AL.....	-	1,643	1,748	-	3,391

**TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1995**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda.....	1,163	-	1,850	405	3,418
Florida 302 .....	892	-	2,120	300	3,312
Stacy .....	1,184	-	1,602	434	3,221
GA Dozier .....	1,249	-	1,556	400	3,205
GA Stuckey .....	1,067	-	1,725	346	3,138

Continued

TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
Wakefield .....	929	-	1,674	441	3,043
Florida 304 .....	1,093	-	1,646	294	3,033
Jackson .....	952	-	1,421	507	2,880
Madison .....	961	-	1,444	450	2,854
Hazen .....	1,025	-	1,300	503	2,829
<u>GA Morey .....</u>	<u>1,123</u>	-	<u>1,230</u>	<u>378</u>	<u>2,731</u>
Test Mean .....	1,058	-	1,597	405	3,060
C.V. (%) .....	14	-	18	23	14
<u>L.S.D (.10) .....</u>	<u>207</u>	-	<u>397</u>	<u>131</u>	<u>600</u>
<b>Oats</b>					
Florida 502 .....	1,189	-	1,903	576	3,668
Citation .....	1,443	-	1,164	714	3,321
FL 874-S1-G3 .....	1,310	-	1,454	649	3,313
FL 874-E55 .....	1,293	-	1,213	570	3,077
Florida 501 .....	1,379	-	1,229	430	3,037
Simpson .....	1,086	-	868	755	2,709
Ozark .....	1,082	-	917	580	2,578
<u>Iapar 61 .....</u>	<u>1,247</u>	-	<u>213</u>	<u>248</u>	<u>1,708</u>
Test Mean .....	1,241	-	1,120	565	2,926
C.V. (%) .....	14	-	18	14	9
<u>L.S.D (.10) .....</u>	<u>252</u>	-	<u>289</u>	<u>111</u>	<u>372</u>
<b>Rye</b>					
Wren's Abruzzi AL .....	944	-	1,957	373	3,274
Wintergrazer 70 .....	1,075	-	1,646	354	3,074
Oklon .....	1,212	-	1,438	285	2,935
NF 73 .....	1,098	-	1,341	377	2,815
Florida 401 .....	1,102	-	1,156	524	2,783
GI 87 .....	1,057	-	1,357	355	2,769
GA WACL-7 .....	972	-	1,466	315	2,752
Maton .....	1,110	-	1,229	369	2,708
Gurley Grazer 2000 .....	1,079	-	1,203	357	2,639
<u>Bonel .....</u>	<u>1,016</u>	-	<u>1,184</u>	<u>397</u>	<u>2,597</u>
Test Mean .....	1,067	-	1,398	370	2,835
C.V. (%) .....	22	-	17	28	13
<u>L.S.D (.10) .....</u>	<u>327</u>	-	<u>346</u>	<u>147</u>	<u>530</u>
<b>Triticale</b>					
Sunland .....	1,728	-	1,057	563	3,348
<u>Trical 2700 .....</u>	<u>1,152</u>	-	<u>1,346</u>	<u>322</u>	<u>2,820</u>
Test Mean .....	1,440	-	1,202	443	3,084
C.V. (%) .....	10	-	19	17	7
<u>L.S.D (.10) .....</u>	<u>338</u>	-	<u>538</u>	<u>175</u>	<u>528</u>

TABLE 11. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1994-95

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>	
<b>Wheat</b>					
Stacy .....	592	-	2,137	624	3,353
Florida 304 .....	547	-	2,214	514	3,275
Florida 302 .....	446	-	2,185	640	3,270
Saluda .....	582	-	1,859	587	3,027
Jackson .....	476	-	1,809	725	3,010
Wakefield .....	465	-	1,890	614	2,968
Madison .....	480	-	1,676	634	2,791
<b>Oats</b>					
Citation .....	721	-	1,809	1,025	3,556
Florida 502 .....	594	-	2,001	931	3,526
Florida 501 .....	689	-	1,693	687	3,069
Ozark .....	541	-	1,401	999	2,941
Simpson .....	543	-	1,197	1,085	2,825
<b>Rye</b>					
Wren's Abruzzi AL .....	472	-	3,092	599	4,163
Florida 401 .....	551	-	2,422	813	3,787
Wintergrazer 70 .....	537	-	2,306	590	3,433
NF 73 .....	549	-	2,218	606	3,373
Bonel .....	508	-	2,170	612	3,290
GI 87 .....	529	-	1,955	624	3,108

TABLE 12. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1993-95

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>	
<b>Wheat</b>					
Florida 304 .....	364	735	2,122	342	3,564
Florida 302 .....	297	406	2,368	427	3,498
Saluda .....	388	558	2,041	391	3,378
Wakefield .....	310	366	2,127	409	3,211
Madison .....	320	344	1,957	423	3,044

Continued

TABLE 12. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1993-95  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Oats</b>					
Citation.....	481	1,020	1,730	683	3,915
Florida 502.....	396	1,144	1,686	620	3,846
Ozark.....	361	675	1,870	666	3,572
Florida 501.....	460	1,153	1,462	458	3,532
Simpson.....	362	781	1,485	723	3,351
<b>Rye</b>					
Florida 401.....	367	1,422	2,074	542	4,406
Wren's Abruzzi AL.....	315	870	2,771	399	4,355
Bonel.....	339	526	2,407	408	3,679
Wintergrazer 70.....	358	367	2,537	393	3,655

TABLE 13. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1995

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Dozier.....	1,708	1,370	1,762	796	5,637
GA Stuckey.....	1,527	1,846	1,256	921	5,551
Jackson.....	1,408	1,282	1,806	901	5,397
Saluda.....	1,562	1,138	1,705	821	5,227
Wakefield.....	1,356	1,389	1,550	927	5,222
Hazen.....	1,515	1,082	1,443	1,026	5,066
Madison.....	1,222	1,248	1,584	954	5,008
Florida 304.....	1,497	1,290	1,427	705	4,920
Florida 302.....	1,275	1,515	1,131	975	4,897
Stacy.....	1,516	1,092	1,532	715	4,856
<u>GA Morey.....</u>	<u>1,618</u>	<u>1,772</u>	<u>885</u>	<u>406</u>	<u>4,680</u>
Test Mean.....	1,473	1,366	1,462	832	5,133
C.V. (%).....	8	14	10	15	7
L.S.D (.10).....	158	271	203	175	541

Continued

TABLE 13. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1995

Cotinued

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn Lb.	Winter Lb.	Early Spring Lb.	Late Spring Lb.	
<b>Oats</b>					
FL 874-S1-G3 .....	1,564	1,280	1,607	883	5,334
Citation .....	1,450	944	1,693	1,011	5,098
Florida 502 .....	1,690	1,159	1,184	978	5,011
FL 874-E55 .....	1,630	902	1,531	870	4,933
Ozark .....	1,382	642	1,444	931	4,399
Simpson .....	1,235	664	1,421	1,074	4,394
Florida 501 .....	1,406	1,065	1,152	644	4,268
<u>Iapar 61 .....</u>	<u>1,276</u>	<u>759</u>	<u>873</u>	<u>822</u>	<u>3,730</u>
Test Mean .....	1,454	927	1,363	902	4,646
C.V. (%) .....	4	11	5	19	5
<u>L.S.D (.10) .....</u>	<u>89</u>	<u>140</u>	<u>106</u>	<u>246</u>	<u>347</u>
<b>Rye</b>					
Wintergrazer 70 .....	1,523	1,209	2,154	1,095	5,981
Maton .....	1,840	898	2,195	961	5,895
NF 73 .....	1,794	1,276	1,866	912	5,848
GI 87 .....	1,745	1,125	1,995	861	5,727
Bonel .....	1,689	1,053	1,942	992	5,677
GA WACL-7 .....	1,872	1,290	1,662	820	5,644
Oklon .....	1,908	1,199	1,734	791	5,632
Wren's Abruzzi AL .....	1,357	2,051	1,140	895	5,445
Florida 401 .....	1,561	1,995	742	1,024	5,321
<u>Gurley Grazer 2000 .....</u>	<u>1,700</u>	<u>987</u>	<u>1,792</u>	<u>840</u>	<u>5,319</u>
Test Mean .....	1,699	1,309	1,722	919	5,649
C.V. (%) .....	9	18	7	14	8
<u>L.S.D (.10) .....</u>	<u>217</u>	<u>341</u>	<u>176</u>	<u>187</u>	<u>623</u>
<b>Triticale</b>					
Trical 2700 .....	1,318	1,496	1,408	1,161	5,383
<u>Sunland .....</u>	<u>1,654</u>	<u>1,579</u>	<u>1,075</u>	<u>597</u>	<u>4,904</u>
Test Mean .....	1,486	1,537	1,242	879	5,144
C.V. (%) .....	9	12	8	27	8
<u>L.S.D (.10) .....</u>	<u>301</u>	<u>423</u>	<u>223</u>	<u>566</u>	<u>1,040</u>

**TABLE 14. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Jackson .....	704	1,276	1,626	451	4,057
Saluda .....	781	1,210	1,627	411	4,029
Wakefield .....	678	1,406	1,428	464	3,976
Stacy .....	758	1,334	1,444	358	3,894
Florida 304 .....	749	1,509	1,267	353	3,877
Florida 302 .....	638	1,584	1,157	488	3,867
Madison .....	611	1,227	1,484	477	3,799
<b>Oats</b>					
Simpson .....	617	1,044	1,546	1,500	4,707
Citation .....	725	1,066	1,547	1,121	4,459
Florida 502 .....	845	1,228	1,213	1,064	4,349
Ozark .....	691	974	1,579	1,052	4,297
Florida 501 .....	703	1,264	1,268	813	4,049
<b>Rye</b>					
Wintergrazer 70 .....	761	1,734	1,854	548	4,897
NF 73 .....	897	1,623	1,813	456	4,789
GI 87 .....	873	1,419	1,873	431	4,595
Wren's Abruzzi AL .....	679	2,223	1,189	448	4,539
Bonel .....	845	1,390	1,634	496	4,365
Florida 401 .....	780	1,972	882	512	4,146

**TABLE 15. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Saluda .....	521	1,485	1,729	274	4,009
Wakefield .....	452	1,623	1,448	309	3,832
Florida 304 .....	499	1,734	1,221	235	3,689
Florida 302 .....	425	1,687	1,225	325	3,661
Madison .....	407	1,364	1,495	318	3,584

Continued

**TABLE 15. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1993-95**  
Continued

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Oats</b>					
Simpson .....	412	1,552	1,671	1,000	4,634
Citation .....	483	1,508	1,620	747	4,358
Ozark .....	461	1,415	1,724	702	4,302
Florida 502 .....	563	1,490	1,267	709	4,030
Florida 501 .....	469	1,477	1,298	542	3,787
<b>Rye</b>					
Wintergrazer 70 .....	508	1,848	2,050	365	4,771
Bonel .....	563	1,682	1,919	331	4,495
Wren's Abruzzi AL .....	452	2,191	1,527	298	4,469
Florida 401 .....	520	2,281	1,080	341	4,222

**TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1995**

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Wheat</b>					
GA Dozier .....	1,307	227	1,431	740	3,705
Saluda .....	1,046	313	1,500	686	3,544
GA Morey .....	1,484	814	438	783	3,518
GA Stuckey .....	1,164	991	721	595	3,471
Stacy .....	1,398	289	1,137	467	3,291
Wakefield .....	1,144	480	1,020	606	3,249
Jackson .....	1,222	194	1,263	543	3,222
Madison .....	1,299	254	915	692	3,160
Hazen .....	1,160	367	1,072	560	3,159
Florida 304 .....	1,285	418	897	510	3,109
<u>Florida 302 .....</u>	<u>946</u>	<u>751</u>	<u>693</u>	<u>504</u>	<u>2,894</u>
Test Mean .....	1,223	463	1,008	608	3,302
C.V. (%) .....	18	29	12	34	9
L.S.D (.10) .....	311	188	177	290	420

Continued

TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1995  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Oats</b>					
Florida 501 .....	1,750	347	569	472	3,137
FL 874-S1-G3 .....	1,056	337	820	642	2,855
Citation .....	1,061	302	726	631	2,719
Iapar 61 .....	1,238	277	460	727	2,702
Florida 502 .....	843	602	673	525	2,643
Ozark .....	1,329	144	621	542	2,635
FL 874-E55 .....	776	331	685	577	2,369
<u>Simpson .....</u>	<u>503</u>	<u>103</u>	<u>663</u>	<u>723</u>	<u>1,992</u>
Test Mean .....	1,070	305	652	605	2,632
C.V. (%) .....	45	36	21	21	23
<u>L.S.D (.10) .....</u>	<u>696</u>	<u>159</u>	<u>193</u>	<u>181</u>	<u>889</u>
<b>Rye</b>					
GA WACL-7 .....	1,759	1,145	1,227	984	5,115
Maton .....	1,495	461	1,912	1,172	5,040
NF 73 .....	1,554	930	1,546	895	4,926
Bonel .....	1,343	727	1,650	1,029	4,749
Oklon .....	1,512	927	1,298	897	4,634
Wren's Abruzzi AL .....	1,405	1,523	781	922	4,631
Gurley Grazer 2000 .....	1,186	485	1,923	1,034	4,628
GI 87 .....	1,391	796	1,522	830	4,540
Wintergrazer 70 .....	1,206	691	1,565	1,038	4,499
<u>Florida 401 .....</u>	<u>1,339</u>	<u>1,387</u>	<u>431</u>	<u>881</u>	<u>4,038</u>
Test Mean .....	1,419	907	1,385	968	4,680
C.V. (%) .....	12	18	10	20	9
<u>L.S.D (.10) .....</u>	<u>240</u>	<u>228</u>	<u>195</u>	<u>273</u>	<u>592</u>
<b>Triticale</b>					
Sunland .....	1,491	831	495	610	3,428
<u>Trical 2700 .....</u>	<u>883</u>	<u>508</u>	<u>1,117</u>	<u>852</u>	<u>3,359</u>
Test Mean .....	1,187	669	806	731	3,393
C.V. (%) .....	15	13	31	18	16
<u>L.S.D (.10) .....</u>	<u>423</u>	<u>202</u>	<u>604</u>	<u>309</u>	<u>1,323</u>



TABLE 17. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1994-95

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda.....	873	638	2,467	343	4,321
Jackson.....	921	514	2,258	272	3,964
Wakefield.....	825	800	2,024	303	3,951
Florida 304.....	1,111	859	1,648	255	3,873
Madison.....	941	801	1,763	346	3,852
Stacy.....	1,194	547	1,715	234	3,689
Florida 302.....	894	962	1,559	252	3,667
<b>Oats</b>					
Florida 501.....	1,265	465	1,468	236	3,433
Citation.....	778	406	1,676	315	3,175
Simpson.....	469	207	1,855	361	2,893
Ozark.....	790	279	1,535	271	2,874
Florida 502.....	515	573	1,504	262	2,855
<b>Rye</b>					
Wren's Abruzzi AL.....	1,541	1,362	1,273	461	4,636
GI 87.....	1,363	773	2,060	415	4,611
NF 73.....	1,266	786	2,067	448	4,567
Wintergrazer 70.....	1,249	773	1,976	519	4,516
Bonel.....	1,269	758	1,933	515	4,474
Florida 401.....	1,465	1,257	945	441	4,107

TABLE 18. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1993-95

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda.....	845	643	2,962	229	4,679
Florida 304.....	1,097	805	2,597	170	4,669
Wakefield.....	676	689	2,270	202	3,837
Florida 302.....	655	774	1,998	168	3,596
Madison.....	653	602	1,996	231	3,482

Continued

TABLE 18. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1993-95  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Oats</b>					
Citation .....	1,119	550	2,021	210	3,900
Florida 501 .....	1,258	593	1,720	157	3,728
Ozark .....	810	363	1,875	181	3,228
Florida 502 .....	581	614	1,830	175	3,199
Simpson .....	538	273	1,807	241	2,859
<b>Rye</b>					
Bonel .....	1,500	1,025	3,230	1,001	6,757
Wren's Abruzzi AL .....	1,667	1,429	2,516	796	6,408
Wintergrazer 70 .....	1,290	872	3,276	912	6,350
Florida 401 .....	1,590	1,203	1,935	975	5,703

TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1995

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Dozier .....	3,167	1,284	3,192	-	7,643
GA Stuckey .....	2,222	1,916	3,266	-	7,404
Madison .....	2,945	959	2,851	-	6,755
Florida 304 .....	2,752	1,401	2,576	-	6,729
Wakefield .....	2,411	1,473	2,804	-	6,688
Jackson .....	2,180	1,147	3,221	-	6,547
Stacy .....	2,294	1,196	2,791	-	6,280
Hazen .....	2,545	1,237	2,496	-	6,278
Florida 302 .....	2,609	1,234	2,284	-	6,127
Saluda .....	1,951	1,279	2,468	-	5,698
<u>GA Morey .....</u>	<u>2,566</u>	<u>1,557</u>	<u>1,502</u>	-	<u>5,626</u>
Test Mean .....	2,513	1,335	2,677	-	6,525
C.V. (%) .....	28	15	10	-	13
L.S.D (.10) .....	993	280	377	-	1,208

Continued

TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1995  
Continued

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>
<b>Oats</b>					
FL 874-E55 .....	2,791	941	2,514	-	6,247
FL 874-S1-G3 .....	2,204	1,006	2,518	-	5,729
Florida 502 .....	2,101	1,048	2,471	-	5,620
Citation .....	2,377	691	2,354	-	5,423
Ozark .....	2,507	567	2,109	-	5,182
Florida 501 .....	2,276	800	1,605	-	4,682
Iapar 61 .....	1,785	317	2,241	-	4,342
<u>Simpson .....</u>	<u>1,460</u>	<u>439</u>	<u>2,098</u>	-	<u>3,997</u>
Test Mean .....	2,188	726	2,239	-	5,153
C.V. (%) .....	18	31	13	-	10
<u>L.S.D (.10) .....</u>	<u>561</u>	<u>320</u>	<u>412</u>	-	<u>758</u>
<b>Rye</b>					
Maton .....	3,104	1,373	3,330	-	7,807
Wintergrazer 70 .....	3,541	1,289	2,966	-	7,795
Gurley Grazer 2000 .....	3,136	1,186	3,277	-	7,598
Oklon .....	3,230	1,267	2,992	-	7,489
NF 73 .....	2,785	1,426	3,146	-	7,357
GI 87 .....	2,564	1,248	3,068	-	6,880
GA WACL-7 .....	2,982	1,218	2,650	-	6,850
Bonel .....	2,831	1,123	2,774	-	6,728
Dossco Grazer III .....	2,591	1,133	2,888	-	6,612
Wren's Abruzzi AL .....	2,361	1,278	2,484	-	6,122
<u>Florida 401 .....</u>	<u>1,792</u>	<u>433</u>	<u>2,195</u>	-	<u>4,419</u>
Test Mean .....	2,810	1,179	2,888	-	6,878
C.V. (%) .....	24	11	7	-	11
<u>L.S.D (.10) .....</u>	<u>943</u>	<u>176</u>	<u>279</u>	-	<u>1,093</u>
<b>Triticale</b>					
Trical 2700 .....	1,886	1,395	2,895	-	6,176
<u>Sunland .....</u>	<u>2,876</u>	<u>582</u>	<u>1,638</u>	-	<u>5,095</u>
Test Mean .....	2,381	989	2,266	-	5,636
C.V. (%) .....	15	14	9	-	8
<u>L.S.D (.10) .....</u>	<u>838</u>	<u>340</u>	<u>464</u>	-	<u>1,013</u>

**TABLE 20. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Florida 304 .....	1,376	2,396	2,440	-	6,212
Jackson .....	1,090	2,038	2,962	-	6,090
Stacy .....	1,147	1,916	2,946	-	6,009
Wakefield .....	1,205	2,136	2,620	-	5,961
Madison .....	1,473	1,510	2,929	-	5,912
Florida 302 .....	1,305	2,257	2,024	-	5,586
Saluda .....	975	1,793	2,816	-	5,584
<b>Oats</b>					
Citation .....	1,189	1,277	2,386	-	4,852
Ozark .....	1,254	1,189	2,275	-	4,717
Florida 502 .....	1,050	1,933	1,731	-	4,715
Florida 501 .....	1,138	1,678	1,578	-	4,394
Simpson .....	730	1,291	2,286	-	4,307
<b>Rye</b>					
Wintergrazer 70 .....	1,770	2,189	2,580	-	6,539
NF 73 .....	1,392	2,241	2,863	-	6,496
Gurley Grazer 2000 .....	1,568	1,824	2,975	-	6,366
Bonel .....	1,415	2,199	2,397	-	6,011
Dossco Grazer III .....	1,295	1,825	2,523	-	5,643
Wren's Abruzzi AL .....	1,180	2,587	1,792	-	5,559
Florida 401 .....	896	1,472	1,556	-	3,923

**TABLE 21. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Florida 304 .....	1,791	2,054	2,054	-	5,899
Wakefield .....	1,591	1,848	2,154	-	5,593
Madison .....	1,654	1,498	2,333	-	5,486
Saluda .....	1,533	1,531	2,310	-	5,373
Florida 302 .....	1,625	1,918	1,716	-	5,259

Continued

**TABLE 21. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1993-95**  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Oats</b>					
Citation .....	1,549	1,307	2,060	-	4,916
Ozark .....	1,546	1,159	1,983	-	4,688
Florida 502 .....	1,387	1,672	1,507	-	4,566
Simpson .....	1,351	1,245	1,831	-	4,428
Florida 501 .....	1,583	1,432	1,296	-	4,312
<b>Rye</b>					
Wintergrazer 70 .....	2,080	1,764	2,445	-	6,289
Bonel .....	1,931	1,758	2,231	-	5,920
Dosscos Grazer III .....	1,793	1,539	2,480	-	5,811
Wren's Abruzzi AL .....	1,799	2,055	1,703	-	5,557
Florida 401 .....	1,380	1,078	1,447	-	3,905

**TABLE 22. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1995**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Dozier .....	1,536	626	858	-	3,021
Florida 304 .....	1,341	534	991	-	2,865
GA Stuckey .....	1,113	508	1,107	-	2,728
Saluda .....	1,206	575	861	-	2,641
GA Morey .....	1,320	687	623	-	2,631
Hazen .....	1,318	585	692	-	2,596
Florida 302 .....	1,154	525	807	-	2,486
Jackson .....	1,004	461	719	-	2,185
Madison .....	921	302	874	-	2,097
Stacy .....	1,100	332	598	-	2,031
Wakefield .....	950	307	667	-	1,924
Test Mean .....	1,178	495	800	-	2,473
C.V. (%) .....	13	28	26	-	19
L.S.D (.10) .....	217	193	289	-	649

Continued

TABLE 22. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Oats</b>					
Florida 501 .....	1,737	538	1,190	-	3,465
FL 874-E55 .....	1,624	529	1,173	-	3,326
Citation .....	1,750	556	870	-	3,176
FL 874-S1-G3 .....	1,342	456	1,241	-	3,040
Florida 502 .....	1,163	571	1,135	-	2,869
Ozark .....	1,525	505	832	-	2,862
Iapar 61 .....	1,628	431	579	-	2,639
<u>Simpson .....</u>	<u>1,256</u>	<u>381</u>	<u>875</u>	-	<u>2,513</u>
Test Mean .....	1,503	496	987	-	2,986
C.V. (%) .....	16	17	28	-	15
<u>L.S.D (.10) .....</u>	<u>352</u>	<u>123</u>	<u>394</u>	-	<u>650</u>
<b>Rye</b>					
GA WACL-7 .....	2,178	695	1,516	-	4,388
Wren's Abruzzi AL .....	2,113	763	1,465	-	4,341
Wintergrazer 70 .....	1,989	744	1,479	-	4,212
NF 73 .....	1,956	768	1,472	-	4,196
Oklon .....	2,121	679	1,376	-	4,175
Gurley Grazer 2000 .....	1,909	800	1,359	-	4,068
GI 87 .....	1,960	771	1,198	-	3,929
Dossco Grazer III .....	1,736	724	1,374	-	3,834
Maton .....	1,773	647	1,297	-	3,717
Bonel .....	1,562	738	1,398	-	3,698
<u>Florida 401 .....</u>	<u>1,818</u>	<u>612</u>	<u>948</u>	-	<u>3,379</u>
Test Mean .....	1,920	722	1,353	-	3,994
C.V. (%) .....	12	8	11	-	9
<u>L.S.D (.10) .....</u>	<u>329</u>	<u>83</u>	<u>218</u>	-	<u>482</u>
<b>Triticale</b>					
Trical 2700 .....	1,180	648	994	-	2,823
<u>Sunland .....</u>	<u>1,616</u>	<u>477</u>	<u>552</u>	-	<u>2,644</u>
Test Mean .....	1,398	562	773	-	2,733
C.V. (%) .....	3	10	4	-	2
<u>L.S.D (.10) .....</u>	<u>93</u>	<u>137</u>	<u>70</u>	-	<u>130</u>

**TABLE 23. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	670	1,490	1,136	-	3,296
Jackson .....	502	1,175	1,313	-	2,990
Florida 302 .....	577	1,309	1,080	-	2,966
Saluda.....	603	936	1,367	-	2,906
Wakefield.....	475	1,106	1,177	-	2,758
Stacy .....	550	1,044	1,046	-	2,640
Madison.....	461	806	1,298	-	2,564
<b>Oats</b>					
Florida 501 .....	869	1,638	1,306	-	3,812
Citation.....	875	1,341	1,395	-	3,611
Florida 502 .....	582	1,408	1,426	-	3,416
Ozark.....	763	1,092	1,396	-	3,250
Simpson.....	628	1,159	1,400	-	3,187
<b>Rye</b>					
Wintergrazer 70 .....	1,361	1,219	1,581	-	4,160
Wren's Abruzzi AL.....	1,447	1,424	1,247	-	4,118
NF 73 .....	1,165	1,099	1,853	-	4,117
Gurley Grazer 2000 .....	1,239	1,048	1,758	-	4,045
Dossco Grazer III .....	1,183	1,198	1,581	-	3,963
Bonel .....	1,053	1,218	1,495	-	3,766
Florida 401 .....	1,237	1,125	1,134	-	3,496

**TABLE 24. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	807	1,448	1,013	-	3,269
Florida 302 .....	675	1,229	1,034	-	2,938
Wakefield.....	651	1,071	1,191	-	2,912
Saluda.....	676	858	1,286	-	2,820
Madison.....	512	900	1,152	-	2,564

Continued

**TABLE 24. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1993-95**

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Oats</b>					
Florida 501 .....	1,059	1,411	1,158	-	3,627
Citation.....	1,026	1,251	1,339	-	3,616
Florida 502 .....	697	1,308	1,369	-	3,375
Ozark.....	827	1,041	1,303	-	3,170
Simpson.....	728	1,050	1,364	-	3,143
<b>Rye</b>					
Wintergrazer 70 .....	1,256	1,285	1,792	-	4,333
Wren's Abruzzi AL.....	1,445	1,523	1,277	-	4,245
Dossco Grazer III.....	1,134	1,244	1,803	-	4,181
Bonel .....	1,088	1,345	1,527	-	3,959
Florida 401 .....	1,342	1,079	1,276	-	3,697

**TABLE 25. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE , AND TRITICALE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1995**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
GA Stuckey .....	2,026	1,220	2,144	-	5,390
Florida 302 .....	1,998	894	1,546	-	4,439
Stacy .....	2,252	826	1,261	-	4,339
Madison.....	1,857	687	1,742	-	4,287
Saluda.....	2,316	789	1,079	-	4,184
Florida 304 .....	2,050	684	1,307	-	4,040
Hazen .....	2,147	836	1,007	-	3,990
GA Dozier .....	2,096	819	1,058	-	3,974
Jackson .....	1,968	766	1,055	-	3,789
Wakefield.....	1,743	801	1,205	-	3,749
<u>GA Morey .....</u>	<u>2,042</u>	<u>1,005</u>	<u>672</u>	=	<u>3,720</u>
Test Mean .....	2,045	848	1,280	-	4,173
C.V. (%) .....	11	10	13	-	10
L.S.D (.10) .....	311	120	227	-	561

Continued



**TABLE 25. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE , AND TRITICALE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1995**

Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Oats</b>					
Citation.....	2,353	703	1,237	-	4,293
FL 874-S1-G3 .....	2,244	689	1,131	-	4,064
Ozark.....	2,339	657	930	-	3,926
Florida 502 .....	2,174	743	986	-	3,903
FL 874-E55 .....	2,317	588	922	-	3,827
Florida 501 .....	2,304	556	784	-	3,644
Simpson.....	2,196	564	856	-	3,617
Iapar 61 .....	<u>1,811</u>	<u>451</u>	<u>788</u>	=	<u>3,050</u>
Test Mean .....	2,217	619	954	-	3,790
C.V. (%) .....	12	14	20	-	13
<u>L.S.D (.10) .....</u>	<u>377</u>	<u>127</u>	<u>271</u>	=	<u>696</u>
<b>Rye</b>					
Wren's Abruzzi AL.....	2,342	929	2,290	-	5,561
GA WACL-7 .....	2,489	714	1,992	-	5,194
Oklon.....	2,447	680	1,760	-	4,887
NF 73 .....	2,344	755	1,754	-	4,853
Gurley Grazer 2000 .....	2,272	742	1,667	-	4,681
Wintergrazer 70 .....	2,131	768	1,693	-	4,592
Dossco Grazer III .....	2,210	619	1,664	-	4,492
Bonel .....	2,242	719	1,529	-	4,490
GI 87 .....	2,172	739	1,538	-	4,449
Maton .....	2,144	549	1,337	-	4,029
<u>Florida 401 .....</u>	<u>1,897</u>	<u>683</u>	<u>1,433</u>	-	<u>4,013</u>
Test Mean .....	2,244	718	1,696	-	4,658
C.V. (%) .....	13	14	9	-	9
<u>L.S.D (.10) .....</u>	<u>413</u>	<u>142</u>	<u>216</u>	-	<u>577</u>
<b>Triticale</b>					
Trical 2700 .....	2,260	830	1,397	-	4,486
<u>Sunland.....</u>	<u>2,321</u>	<u>552</u>	<u>664</u>	-	<u>3,537</u>
Test Mean .....	2,290	691	1,030	-	4,012
C.V. (%) .....	3	9	6	-	3
<u>L.S.D (.10) .....</u>	<u>143</u>	<u>144</u>	<u>143</u>	-	<u>310</u>

**TABLE 26. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda.....	1,158	1,186	2,247	-	4,591
Jackson.....	984	1,424	2,000	-	4,408
Stacy.....	1,126	1,372	1,891	-	4,389
Madison.....	929	1,178	2,201	-	4,308
Florida 302.....	999	1,442	1,838	-	4,280
Wakefield.....	871	1,333	1,950	-	4,154
Florida 304.....	1,025	1,445	1,676	-	4,145
<b>Oats</b>					
Ozark.....	1,169	1,547	2,153	-	4,870
Simpson.....	1,098	1,501	2,106	-	4,706
Citation.....	1,177	1,393	2,048	-	4,618
Florida 502.....	1,087	1,441	1,894	-	4,422
Florida 501.....	1,152	1,598	1,661	-	4,412
<b>Rye</b>					
Gurley Grazer 2000.....	1,325	1,443	2,470	-	5,237
Wren's Abruzzi AL.....	1,436	1,692	1,830	-	4,958
Dossco Grazer III.....	1,325	1,343	2,086	-	4,754
Wintergrazer 70.....	1,351	1,418	1,921	-	4,690
Bonel.....	1,313	1,419	1,864	-	4,597
NF 73.....	1,260	1,183	2,122	-	4,566
Florida 401.....	1,123	1,408	1,530	-	4,061

**TABLE 27. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda.....	1,463	1,376	2,088	-	4,927
Florida 302.....	1,449	1,710	1,515	-	4,675
Florida 304.....	1,465	1,787	1,281	-	4,533
Wakefield.....	1,269	1,591	1,660	-	4,520
Madison.....	1,199	1,486	1,776	-	4,461

Continued

TABLE 27. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1993-95  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Oats</b>					
Ozark .....	1,483	1,567	1,834	-	4,884
Citation .....	1,536	1,556	1,655	-	4,748
Simpson .....	1,425	1,447	1,742	-	4,614
Florida 502 .....	1,404	1,643	1,483	-	4,530
Florida 501 .....	1,583	1,634	1,298	-	4,515
<b>Rye</b>					
Wren's Abruzzi AL .....	1,878	1,812	1,618	-	5,307
Dossco Grazer III .....	1,587	1,539	2,090	-	5,216
Wintergrazer 70 .....	1,619	1,607	1,980	-	5,206
Bonel .....	1,735	1,620	1,700	-	5,055
Florida 401 .....	1,481	1,357	1,553	-	4,391

TABLE 28. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1995

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Dozier .....	1,420	2,336	2,831	-	6,587
GA Stuckey .....	1,107	3,436	1,817	-	6,360
Florida 304 .....	1,334	2,593	2,392	-	6,319
GA Morey .....	1,036	3,874	1,317	-	6,227
Stacy .....	1,062	2,083	2,454	-	5,599
Hazen .....	762	1,984	2,102	-	4,848
Wakefield .....	1,077	2,087	1,681	-	4,846
Jackson .....	807	1,901	1,827	-	4,534
Florida 302 .....	672	2,357	1,493	-	4,522
Saluda .....	803	1,868	1,822	-	4,493
<u>Madison .....</u>	<u>756</u>	<u>1,980</u>	<u>1,641</u>	-	<u>4,377</u>
Test Mean .....	985	2,409	1,943	-	5,337
C.V. (%) .....	23	19	19	-	11
L.S.D (.10) .....	325	630	517	-	839

Continued

TABLE 28. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1995

Continued

Brand-variety	Seasonal Forage Yield/Acre				Total Lb.
	Autumn	Winter	Early Spring	Late Spring	
	Lb.	Lb.	Lb.	Lb.	
<b>Oats</b>					
FL 874-E55 .....	2,051	3,154	2,226	-	7,431
Florida 502 .....	2,174	3,051	1,966	-	7,191
FL 874-S1-G3 .....	1,797	2,906	2,479	-	7,181
Citation .....	2,110	2,357	2,119	-	6,586
Florida 501 .....	1,968	2,047	1,443	-	5,459
Iapar 61 .....	1,535	2,372	1,532	-	5,438
Ozark .....	1,493	1,552	1,875	-	4,920
<u>Simpson .....</u>	<u>1,336</u>	<u>1,787</u>	<u>1,529</u>	-	<u>4,651</u>
Test Mean .....	1,808	2,403	1,896	-	6,107
C.V. (%) .....	18	27	16	-	16
<u>L.S.D (.10) .....</u>	<u>460</u>	<u>933</u>	<u>427</u>	-	<u>1,414</u>
<b>Rye</b>					
Wren's Abruzzi AL .....	2,052	5,175	2,069	-	9,295
Florida 401 .....	2,754	4,827	1,488	-	9,069
Wintergrazer 70 .....	2,737	2,936	3,273	-	8,945
NF 73 .....	2,000	3,903	2,943	-	8,846
Gurley Grazer 2000 .....	1,780	3,922	3,032	-	8,735
Maton .....	1,680	3,556	3,403	-	8,640
GI 87 .....	1,709	4,003	2,712	-	8,424
Oklon .....	1,934	3,695	2,693	-	8,322
Bonel .....	1,497	3,221	3,348	-	8,065
Dossco Grazer III .....	2,363	2,799	2,832	-	7,994
<u>GA WACL-7 .....</u>	<u>2,125</u>	<u>3,231</u>	<u>2,298</u>	-	<u>7,653</u>
Test Mean .....	2,057	3,752	2,736	-	8,544
C.V. (%) .....	38	29	14	-	20
<u>L.S.D (.10) .....</u>	<u>1,114</u>	<u>1,514</u>	<u>521</u>	-	<u>2,356</u>
<b>Triticale</b>					
Sunland .....	1,750	4,386	1,737	-	7,874
<u>Trical 2700 .....</u>	<u>1,093</u>	<u>2,606</u>	<u>2,011</u>	-	<u>5,709</u>
Test Mean .....	1,422	3,496	1,874	-	6,791
C.V. (%) .....	3	36	29	-	25
<u>L.S.D (.10) .....</u>	<u>113</u>	<u>3,017</u>	<u>1,304</u>	-	<u>4,092</u>

**TABLE 29. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Saluda .....	901	1,927	3,866	-	6,694
Florida 304 .....	1,124	2,609	2,930	-	6,663
Stacy .....	1,124	2,318	3,197	-	6,639
Wakefield .....	977	2,147	3,206	-	6,330
Jackson .....	774	2,015	3,220	-	6,009
Florida 302 .....	893	2,382	2,554	-	5,829
Madison .....	597	1,812	3,257	-	5,665
<b>Oats</b>					
Florida 502 .....	1,479	2,991	3,643	-	8,113
Simpson .....	1,102	2,101	4,393	-	7,596
Citation .....	1,320	2,323	3,623	-	7,267
Florida 501 .....	1,651	2,521	2,943	-	7,116
Ozark .....	1,192	1,803	4,114	-	7,110
<b>Rye</b>					
Gurley Grazer 2000 .....	1,678	3,666	4,821	-	10,165
Wintergrazer 70 .....	2,371	3,508	4,012	-	9,891
Florida 401 .....	2,235	4,156	3,440	-	9,831
NF 73 .....	1,650	3,656	4,312	-	9,618
Dossco Grazer III .....	2,077	3,516	4,017	-	9,610
Bonel .....	1,800	3,888	3,640	-	9,328
Wren's Abruzzi AL .....	2,063	5,213	1,884	-	9,160

**TABLE 30. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	1,226	3,263	2,341	-	6,831
Saluda .....	954	2,132	3,000	-	6,086
Wakefield .....	1,099	2,229	2,515	-	5,843
Florida 302 .....	1,033	2,456	2,070	-	5,559
Madison .....	766	2,180	2,503	-	5,449

Continued

TABLE 30. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1993-95  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Oats</b>					
Florida 502 .....	1,399	3,459	3,123	-	7,981
Simpson .....	1,574	2,924	3,460	-	7,957
Citation .....	1,406	3,357	3,027	-	7,790
Florida 501 .....	1,791	3,067	2,523	-	7,382
Ozark .....	1,154	2,749	3,379	-	7,282
<b>Rye</b>					
Wintergrazer 70 .....	2,030	4,087	3,562	-	9,679
Wren's Abruzzi AL .....	2,237	5,086	2,352	-	9,675
Florida 401 .....	2,732	3,897	2,965	-	9,594
Dossco Grazer III .....	2,017	3,836	3,651	-	9,505
Bonel .....	1,894	4,272	3,288	-	9,454

TABLE 31. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN SUBSTATION, CAMDEN, ALABAMA, 1995

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
GA Stuckey .....	2,198	833	1,286	275	4,592
Florida 304 .....	1,952	503	1,348	252	4,055
GA Dozier .....	2,163	440	1,141	256	3,999
Saluda .....	2,188	338	1,075	241	3,842
Florida 302 .....	1,803	648	948	431	3,829
Stacy .....	1,949	417	1,147	315	3,828
Wakefield .....	1,665	479	1,141	362	3,648
Madison .....	1,592	297	1,330	382	3,601
Hazen .....	1,735	468	1,112	221	3,536
Jackson .....	1,515	400	1,206	355	3,478
GA Morey .....	1,721	880	369	491	3,462
Test Mean .....	1,862	519	1,100	326	3,806
C.V. (%) .....	15	16	11	36	10
L.S.D (.10) .....	390	118	165	166	547

Continued

**TABLE 31. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN SUBSTATION, CAMDEN, ALABAMA, 1995**  
Continued

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Oats</b>					
Citation .....	1,932	544	1,529	384	4,388
FL 874-S1-G3 .....	2,142	458	1,219	478	4,297
Florida 501 .....	2,285	498	871	246	3,899
Florida 502 .....	1,709	794	925	309	3,737
Iapar 61 .....	1,896	371	863	578	3,708
FL 874-E55 .....	1,765	265	1,234	443	3,708
Simpson .....	1,705	194	1,077	515	3,491
<u>Ozark .....</u>	<u>1,670</u>	<u>260</u>	<u>1,051</u>	<u>413</u>	<u>3,394</u>
Test Mean .....	1,888	423	1,096	421	3,828
C.V. (%) .....	16	19	10	20	8
<u>L.S.D (.10) .....</u>	<u>429</u>	<u>113</u>	<u>156</u>	<u>121</u>	<u>460</u>
<b>Rye</b>					
GI 87 .....	2,613	315	1,702	449	5,078
NF 73 .....	2,389	354	1,700	478	4,921
Bonel .....	2,387	284	1,721	423	4,815
GA WACL-7 .....	2,330	355	1,663	404	4,753
Maton .....	2,213	185	1,758	528	4,684
Dosco Grazer III .....	2,237	323	1,567	515	4,642
Wren's Abruzzi AL .....	2,336	570	1,240	429	4,575
Wintergrazer 70 .....	2,182	273	1,720	391	4,567
Gurley Grazer 2000 .....	2,283	288	1,646	308	4,525
Oklon .....	2,192	299	1,546	404	4,441
<u>Florida 401 .....</u>	<u>2,083</u>	<u>457</u>	<u>916</u>	<u>433</u>	<u>3,890</u>
Test Mean .....	2,295	337	1,562	433	4,626
C.V. (%) .....	11	20	9	15	7
<u>L.S.D (.10) .....</u>	<u>346</u>	<u>94</u>	<u>202</u>	<u>94</u>	<u>487</u>
<b>Triticale</b>					
Trical 2700 .....	1,797	547	1,352	335	4,031
<u>Sunland .....</u>	<u>2,008</u>	<u>649</u>	<u>570</u>	<u>439</u>	<u>3,667</u>
Test Mean .....	1,903	598	961	387	3,849
C.V. (%) .....	11	9	13	34	8
<u>L.S.D (.10) .....</u>	<u>518</u>	<u>130</u>	<u>307</u>	<u>314</u>	<u>746</u>

**TABLE 32. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN SUBSTATION, CAMDEN, ALABAMA, 1994-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	Lb.	Lb.	Lb.	Lb.	Lb.
<b>Wheat</b>					
Florida 304 .....	976	1,420	1,344	372	4,112
Stacy .....	975	1,147	1,460	349	3,931
Saluda .....	1,094	861	1,528	388	3,871
Jackson .....	758	998	1,550	438	3,744
Florida 302 .....	901	1,190	1,158	435	3,684
Madison .....	796	872	1,510	507	3,684
Wakefield .....	833	957	1,410	391	3,591
<b>Oats</b>					
Simpson .....	853	720	1,663	852	4,087
Citation .....	966	789	1,728	556	4,039
Florida 501 .....	1,142	822	1,401	464	3,830
Florida 502 .....	855	1,106	1,254	512	3,726
Ozark .....	835	654	1,591	584	3,663
<b>Rye</b>					
NF 73 .....	1,194	1,414	1,843	470	4,921
Bonel .....	1,194	1,563	1,555	453	4,765
Dossco Grazer III .....	1,119	1,375	1,558	451	4,503
Wintergrazer 70 .....	1,091	1,404	1,564	353	4,412
Gurley Grazer 2000 .....	1,142	1,200	1,727	323	4,391
Wren's Abruzzi AL .....	1,168	1,437	1,177	558	4,340
Florida 401 .....	1,041	1,230	859	554	3,684



**TABLE 33. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN SUBSTATION, CAMDEN, ALABAMA, 1993-95**

Brand-variety	Seasonal Forage Yield/Acre				
	Autumn	Winter	Early Spring	Late Spring	Total
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>
<b>Wheat</b>					
Florida 304 .....	909	1,365	1,572	248	4,095
Saluda .....	896	799	1,745	259	3,699
Florida 302 .....	776	1,170	1,318	290	3,554
Madison .....	641	840	1,635	338	3,454
Wakefield .....	753	906	1,501	261	3,421
<b>Oats</b>					
Citation .....	819	832	1,952	371	3,974
Simpson .....	719	639	1,929	568	3,854
Ozark .....	657	639	1,932	389	3,616
Florida 501 .....	919	824	1,511	310	3,564
Florida 502 .....	686	1,031	1,392	341	3,451
<b>Rye</b>					
Bonel .....	1,161	1,477	1,861	302	4,801
Wintergrazer 70 .....	1,020	1,324	1,922	235	4,500
Dossco Grazer III .....	1,052	1,262	1,876	301	4,491
Wren's Abruzzi AL .....	1,134	1,397	1,385	372	4,287
Florida 401 .....	1,084	1,223	1,135	369	3,811

## SOURCES OF SEED

### WHEAT

GA-Stacy, GA-Dozier  
GA-Morey, GA-Stuckey

Univ. of Georgia, Georgia Station  
Griffin, Georgia

Florida 302, Florida 304

Univ. of Florida, Agric. Res. Ctr.  
Quincy, Florida

Hazen

Univ. of Arkansas  
Fayetteville, Arkansas

Jackson, Madison,  
Wakefield

Department of Agronomy,  
Virginia Polytechnic Inst.  
Blacksburg, Virginia

Saluda

Alabama Crop Improvement Assoc.  
Auburn, Alabama

### OATS

Ozark

Univ. of Arkansas  
Fayetteville, Arkansas

Citation

Terral-Norris Seed Co.  
Lake Providence, Louisiana

Florida 501, Florida 502,  
FL 874-E55, FL 874-S1-G3

Univ. of Florida, Agric. Res. Ctr.  
Quincy, Florida

Simpson

South Carolina Crop Impr. Assoc.  
Clemson, South Carolina

Iapar 61

Auburn University/USDA-ARS  
Auburn University, Alabama

## **RYE**

Wren's Abruzzi AL

Alabama Crop Improvement Assoc.  
Auburn, Alabama

Florida 401

Univ. of Florida, Agric. Res. Ctr.  
Quincy, Florida

AFC 20-20, AFC 20-30,  
Dossco Grazer III

Gainey Grain, Inc.  
Laurel Hill, North Carolina

GI-87, Gurley's Grazer 2000

Carl R. Gurley, Inc.  
Princeton, North Carolina

Wintergrazer 70

Pennington Seed Inc.  
Madison, Georgia

NF 73, Bonel,  
Maton, Oklon

Samuel Roberts Noble Foundation, Inc.  
Ardmore, Oklahoma

GA-WACL-7

Univ. of Georgia, Georgia Station  
Griffin, Georgia

## **BARLEY**

Pamunkey, Wysor,  
Nomini, Starling

Department of Agronomy  
Virginia Polytechnic Inst.  
Blacksburg, Virginia

## **TRITICALE**

Trical 2700

Resource Seeds, Inc.  
Union, Kentucky

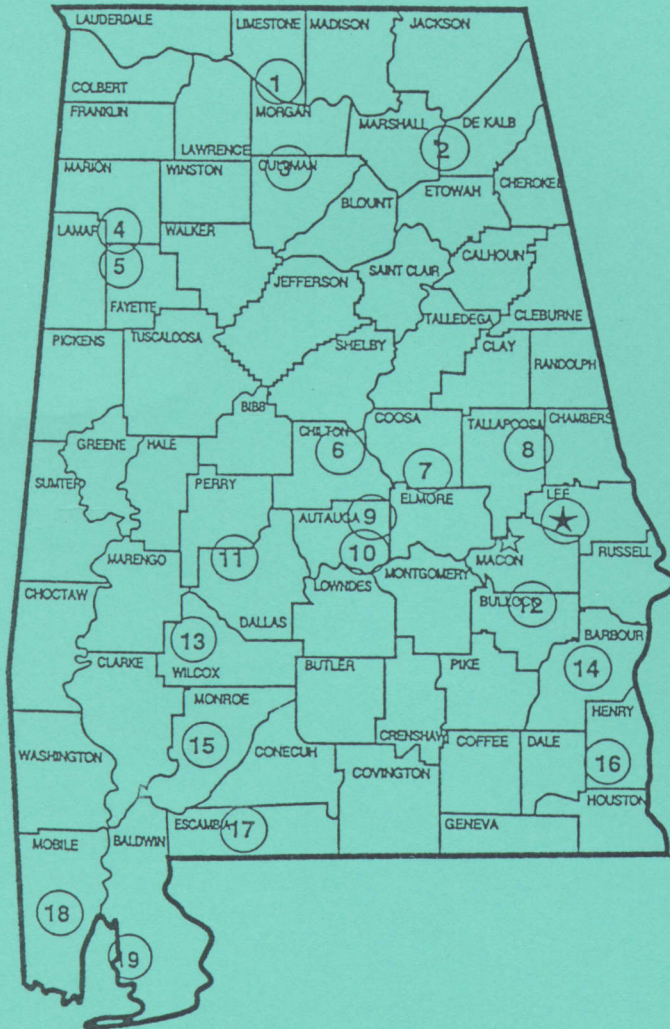
Sunland

Univ. of Florida, Agric. Res. Ctr.  
Quincy, Florida





# Alabama's Agricultural Experiment Station System AUBURN UNIVERSITY



★ Main Agricultural Experiment Station,  
Auburn.

☆ E. V. Smith Research Center,  
Shorter.

1. Tennessee Valley Substation,  
Belle Mina.
2. Sand Mountain Substation,  
Crossville.
3. North Alabama Horticulture  
Substation, Cullman.
4. Upper Coastal Plain Substation,  
Winfield.
5. Forestry Unit, Fayette County.
6. Chilton Area Horticulture Substation,  
Clanton.
7. Forestry Unit, Coosa County.
8. Piedmont Substation,  
Camp Hill.
9. Forestry Unit, Autauga County.
10. Prattville Experiment Field,  
Prattville.
11. Black Belt Substation,  
Marion Junction.
12. The Turnipseed-Ikenberry Place,  
Union Springs.
13. Lower Coastal Plain Substation,  
Camden.
14. Forestry Unit, Barbour County.
15. Monroeville Experiment Field,  
Monroeville.
16. Wiregrass Substation,  
Headland.
17. Brewton Experiment Field,  
Brewton.
18. Ornamental Horticulture Substation,  
Spring Hill.
19. Gulf Coast Substation,  
Fairhope.