

1990



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P e r f o r m a n c e
C o m p a r i s o n o f
S m a l l G r a i n
V a r i e t i e s
f o r F o r a g e



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Information contained herein is available to all without regard
to race, color, sex, or national origin.

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1990 ALABAMA PERFORMANCE COMPARISON OF

SMALL GRAIN VARIETIES FOR FORAGE

Donald L. Thurlow and W.C. Johnson¹

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.

Data from tests conducted at 12 locations were used to compile this report and they 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. However, in 1987 only the tests at Tallassee and

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Headland were planted October 1 and 9, respectively. All other locations in 1987 were planted in late October to early November because of dry conditions. All test locations were planted at normal times of late September and early October of 1988 and 1989. The tests were fertilized at planting with 100 pounds N per acre and clipped with a flail-type mower each time they reached 6 inches in height. 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 test was topdressed in February with 60 pounds N per acre and continued to be clipped 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 variety forage performance often vary among locations and years. Multiple-year averages are given here to use as a better indicator for performance comparison.

TABLE 1. SEASONAL DRY MATTER YIELD OF WHEAT, DATS, BARLEY, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
WHEAT					
PIONEER 2548	-	783	2,902	1,072	4,757
MASSEY	-	1,081	2,357	824	4,263
PIONEER 2551	-	718	2,204	1,021	3,943
COKER 983	-	777	2,064	1,067	3,907
PIONEER 2555	-	636	2,231	1,001	3,868
MCNAIR 1003	-	670	2,071	997	3,738
FILLMORE	-	301	1,466	1,956	3,723
SALUDA	-	564	2,191	927	3,681
TERRAL 101	-	620	2,001	1,052	3,673
CALDWELL	-	398	1,811	1,420	3,629
TRAVELER	-	896	1,780	952	3,629
WILLIAMS	-	705	2,087	809	3,601
COKER 9733	-	955	1,865	781	3,600
STACY	-	801	2,084	633	3,518
FLORIDA 302	-	755	1,687	979	3,422
COKER 9323	-	804	1,697	908	3,409
TYLER	-	494	2,035	837	3,367
FLORIDA 303	-	878	1,439	959	3,277
COKER 916	-	585	1,788	821	3,194
FFR 525W	-	659	1,656	846	3,161
COKER 9766	-	651	1,708	750	3,109
COMPTON	-	245	1,640	880	2,765
TEST MEAN	-	681	1,944	977	3,601
C. V. (%)	-	18	20	15	12
L. S. D (.10)	-	171	522	197	592
DATS					
COKER 716	-	-	361	2,390	2,751
AR 102-S	-	-	484	1,908	2,392
FFR SF7630	-	-	399	1,956	2,355
SIMPSON	-	-	307	2,031	2,337
833	-	-	233	1,764	1,997
CITATION	-	-	250	1,366	1,615
BOB	-	-	282	1,263	1,544
COKER 227	-	-	238	1,124	1,362
COKER 820	-	-	194	984	1,179
TEST MEAN	-	-	305	1,643	1,948
C. V. (%)	-	-	30	17	12
L. S. D (.10)	-	-	131	392	333

CONTINUED

TABLE 1. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>BARLEY</u>					
WYSOR	-	94	857	3,077	4,028
SUSSEX	-	180	1,131	2,243	3,553
ANSON	-	53	532	2,146	2,731
BARSOY	-	143	771	1,681	2,596
KEOWEE	-	53	469	1,873	2,395
TEST MEAN	-	104	752	2,204	3,061
C. V. (%)	-	28	20	14	13
L. S. D (.10)	-	44	233	479	611
<u>TRITICALE</u>					
COUNCIL	-	245	1,403	2,417	4,065
MORRISON	-	322	1,830	1,750	3,902
STAN I	-	211	1,277	2,354	3,842
STAN II	-	124	910	2,310	3,344
THOMAS	-	236	1,344	1,615	3,196
VICTORIA	-	286	938	1,139	2,363
SUNLAND	-	289	619	854	1,762
BEAGLE 82	-	254	623	673	1,550
JENKINS	-	200	570	779	1,549
TEST MEAN	-	241	1,057	1,543	2,841
C. V. (%)	-	26	29	9	13
L. S. D (.10)	-	90	443	203	536

TABLE 2. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, BARLEY, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
MASSEY	1,485	1,016	1,493	1,951	5,946
WILLIAMS	1,365	916	1,566	1,947	5,794
PIONEER 2551	1,362	845	1,704	1,781	5,693
MCNAIR 1003	1,226	1,016	1,341	1,903	5,486
SALUDA	1,123	1,022	1,580	1,758	5,482
FILLMORE	915	510	1,400	2,611	5,436
PIONEER 2555	933	902	1,708	1,682	5,225
COKER 983	1,370	736	1,270	1,849	5,225
STACY	1,197	1,135	1,549	1,341	5,222
CALDWELL	881	598	1,685	1,984	5,146
COKER 9733	1,468	819	1,129	1,662	5,078
COKER 9323	1,481	664	955	1,928	5,028
COKER 916	1,115	752	1,202	1,697	4,766
FLORIDA 302	1,274	633	995	1,774	4,676
TYLER	1,058	723	1,453	1,440	4,674
COMPTON	974	732	1,552	1,414	4,672
TRAVELER	1,462	629	992	1,509	4,592
FLORIDA 303	1,605	505	784	1,575	4,468
COKER 9766	1,057	657	1,061	1,543	4,318
<u>OATS</u>					
COKER 716	874	403	557	3,239	5,072
FFR SF7630	1,040	410	619	2,958	5,026
SIMPSON	958	314	484	3,002	4,757
833	966	347	379	2,694	4,385
COKER 820	1,194	339	306	2,219	4,058
COKER 227	994	396	421	2,227	4,038
CITATION	1,107	401	395	2,097	4,000
<u>BARLEY</u>					
WYSOR	782	400	948	2,869	4,999
SUSSEX	1,195	417	859	2,067	4,539
ANSON	953	367	801	2,068	4,189
KEOWEE	735	417	675	2,004	3,831
BARSOY	880	486	829	1,393	3,588
<u>TRITICALE</u>					
STAN I	903	646	1,208	2,420	5,177
COUNCIL	914	623	1,187	2,429	5,154
MORRISON	897	748	1,480	1,818	4,943
THOMAS	955	734	1,221	1,764	4,675
JENKINS	196	638	1,080	1,979	3,893
BEAGLE 82	1,595	202	388	1,441	3,626

TABLE 3. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, BARLEY, AND TRITICALE VARIETIES CUT AS FORAGE AT TENNESSEE VALLEY SUBSTATION, BELLE MINA, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>WHEAT</u>					
MASSEY	990	1,502	1,459	1,660	5,612
WILLIAMS	910	1,329	1,768	1,515	5,522
PIONEER 2551	908	1,252	1,810	1,492	5,462
SALUDA	749	1,405	1,756	1,425	5,335
MCNAIR 1003	817	1,345	1,345	1,582	5,090
FILLMORE	610	803	1,567	2,094	5,074
STACY	798	1,460	1,708	1,043	5,009
COCKER 983	913	1,189	1,268	1,547	4,916
CALDWELL	587	774	1,863	1,615	4,839
COCKER 9323	987	1,225	993	1,583	4,789
FLORIDA 302	849	1,220	1,172	1,464	4,705
COCKER 916	743	1,123	1,449	1,314	4,629
TYLER	706	1,032	1,603	1,160	4,501
COMPTON	649	954	1,714	1,176	4,494
COCKER 9766	704	1,136	1,170	1,383	4,394
<u>BARLEY</u>					
WYSOR	521	715	1,370	2,181	4,787
SUSSEX	797	996	1,116	1,639	4,548
ANSON	635	654	1,177	1,604	4,071
KEOWEE	490	729	1,153	1,668	4,040
BARSOY	586	1,008	1,220	1,137	3,951
<u>TRITICALE</u>					
COUNCIL	610	1,033	1,405	1,975	5,022
STAN I	602	935	1,400	1,967	4,904
MORRISON	598	1,075	1,612	1,491	4,776
THOMAS	637	1,196	1,451	1,490	4,774
JENKINS	131	762	1,499	1,940	4,332
BEAGLE 82	1,063	701	617	1,172	3,553

TABLE 4. SEASONAL DRY MATTER YIELD OF OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>OATS</u>					
COKER 820	-	407	560	442	1,408
CITATION	-	259	657	322	1,239
FFR SF7630	-	243	669	284	1,196
COKER 227	-	190	589	397	1,176
COKER 716	-	105	510	299	913
SIMPSON	-	101	514	293	908
AR 102-S	-	130	624	149	903
833	-	82	486	300	868
BOB	-	139	421	292	853
TEST MEAN	-	184	559	309	1,052
C. V. (%)	-	56	21	22	18
L. S. D (.10)	-	146	165	95	265
<u>BARLEY</u>					
SUSSEX	-	1,500	977	295	2,772
WYSOR	-	787	1,407	232	2,426
KEDWEE	-	635	1,152	323	2,110
BARSOY	-	952	819	306	2,077
ANSON	-	325	1,105	330	1,760
TEST MEAN	-	840	1,092	297	2,229
C. V. (%)	-	23	5	17	7
L. S. D (.10)	-	292	87	79	250

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TABLE 4. SEASONAL DRY MATTER YIELD OF OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>RYE</u>					
WINTERGRAZER 70	-	1,772	1,071	440	3,283
NF 142	-	1,417	1,216	478	3,110
BONEL	-	1,481	1,147	367	2,995
MATON	-	1,083	1,427	467	2,977
GI 90	-	1,568	959	420	2,946
ELBON	-	1,078	1,366	432	2,876
AFC 20-20X	-	1,389	1,009	417	2,815
GURLEY'S GRAZER 2000	-	1,346	1,030	434	2,811
GI 87	-	1,366	968	460	2,794
NF 73	-	1,266	1,132	389	2,787
MGI 30-30	-	1,313	1,024	439	2,775
GI 87X	-	1,294	1,001	455	2,749
AFC 20-30	-	1,452	897	395	2,744
CAROLINA MAGIC	-	1,213	1,175	341	2,729
AFC 20-10	-	1,425	957	343	2,726
FLORIDA 401	-	1,592	620	508	2,720
GA WA C3L	-	1,599	727	363	2,688
AFC 20-20	-	1,300	916	449	2,664
DOSSCO GRAZER II	-	1,212	1,042	401	2,655
GI 85	-	1,271	951	432	2,654
FORAGER	-	1,645	635	370	2,649
UNDERWOOD EXP 845	-	1,507	811	326	2,643
GA WA C3E	-	1,688	563	374	2,625
GI 88	-	1,214	962	384	2,560
WREN'S ABRUZZI AL	-	1,485	631	422	2,538
AFC 20-40	-	933	1,138	434	2,505
GA WA HRC3	-	1,159	926	352	2,436
WREN'S ABRUZZI	-	1,514	533	377	2,424
TEST MEAN	-	1,378	958	410	2,746
C. V. (%)	-	15	11	15	9
L. S. D (.10)	-	283	139	84	342

TABLE 5. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS,
BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN
SUBSTATION, CROSSVILLE, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>OATS</u>					
FFR SF7630	54	540	1,057	482	2,134
CITATION	124	648	908	436	2,116
COKER 820	132	719	734	434	2,019
COKER 227	55	637	816	507	2,014
COKER 716	66	469	883	571	1,988
SIMPSON	46	462	790	479	1,778
833	52	570	699	412	1,732
<u>BARLEY</u>					
SUSSEX	137	1,453	914	262	2,766
WYSOR	71	810	1,356	235	2,472
ANSON	91	530	1,340	282	2,243
BARSOY	84	1,001	919	226	2,229
KEOWEE	72	620	1,235	241	2,169
<u>RYE</u>					
WINTERGRAZER 70	272	1,424	998	369	3,063
BONEL	327	1,168	1,104	401	2,999
MATON	218	992	1,292	427	2,928
NF 73	340	1,169	999	409	2,917
NF 142	296	1,095	1,062	405	2,858
CAROLINA MAGIC	328	1,111	1,057	357	2,854
GI 87X	189	1,325	921	397	2,832
GI 90	235	1,365	846	372	2,817
ELBON	206	1,037	1,176	359	2,778
AFC 20-30	335	1,230	836	365	2,766
GI 88	224	1,258	896	369	2,747
AFC 20-20X	278	1,210	829	375	2,691
GI 87	267	1,234	798	388	2,688
AFC 20-20	334	1,172	736	440	2,681
AFC 20-40	368	1,021	894	385	2,668
GI 85	209	1,294	791	372	2,666
AFC 20-10	242	1,208	870	334	2,654
GURLEY'S GRAZER 2000	212	1,241	808	369	2,630
MGI 30-30	194	1,226	849	358	2,627
DOSSCO GRAZER II	232	1,070	937	369	2,608
FORAGER	319	1,323	562	346	2,550
WREN'S ABRUZZI	325	1,302	492	349	2,468
UNDERWOOD EXP 845	123	1,274	697	321	2,415

TABLE 6. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS, BARLEY, AND RYE VARIETIES CUT AS FORAGE AT SAND MOUNTAIN SUBSTATION, CROSSVILLE, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
OATS					
COKER 227	37	441	1,032	981	2,491
COKER 820	88	533	955	839	2,415
CITATION	83	463	1,014	849	2,409
COKER 716	44	330	1,023	996	2,393
SIMPSON	31	328	945	873	2,177
833	34	393	892	738	2,056
BARLEY					
SUSSEX	91	1,028	1,154	525	2,799
WYSOR	47	563	1,502	508	2,621
KEOWEE	48	444	1,423	645	2,559
BARSOY	56	680	1,186	614	2,536
ANSON	61	373	1,434	639	2,507
RYE					
MATON	145	890	1,369	649	3,053
WINTERGRAZER 70	182	1,200	1,078	545	3,005
BONEL	218	1,024	1,149	541	2,932
NF 142	197	969	1,130	612	2,909
NF 73	227	943	1,057	589	2,816
ELBON	137	925	1,239	501	2,802
GI 87X	126	1,064	1,005	542	2,738
AFC 20-20	223	1,032	806	580	2,640
DOSSCO GRAZER II	155	1,004	934	537	2,629
GI 88	149	1,043	904	525	2,621
GI 85	139	1,111	846	515	2,610
AFC 20-10	161	1,057	897	463	2,579
GURLEY'S GRAZER 2000	141	1,057	833	524	2,555
FORAGER	213	1,152	584	541	2,489
UNDERWOOD EXP 845	82	1,066	762	514	2,424
WREN'S ABRUZZI	216	1,153	522	528	2,419

TABLE 7. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND BARLEY VARIETIES CUT AS FORAGE AT UPPER COASTAL PLAIN SUBSTATION, WINFIELD, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY	LATE	TOTAL
	LB.	LB.	SPRING	SPRING	LB.
<u>WHEAT</u>					
MASSEY	253	1,008	1,109	-	2,370
PIONEER 2555	157	1,065	897	-	2,120
CALDWELL	171	722	1,202	-	2,095
TRAVELER	327	973	768	-	2,068
COKER 983	252	840	936	-	2,028
FILLMORE	218	630	1,149	-	1,997
STACY	213	1,018	696	-	1,927
PIONEER 2551	247	788	877	-	1,912
COKER 9323	316	935	643	-	1,894
TYLER	275	828	788	-	1,891
TERRAL 101	154	873	841	-	1,868
PIONEER 2548	206	884	773	-	1,863
COKER 916	254	633	949	-	1,836
FFR 525W	252	691	865	-	1,808
COKER 9733	261	939	575	-	1,775
COMPTON	89	621	1,054	-	1,764
SALUDA	200	785	761	-	1,747
FLORIDA 302	258	893	557	-	1,708
MCNAIR 1003	249	734	723	-	1,705
WILLIAMS	245	838	597	-	1,681
COKER 9766	187	780	683	-	1,650
FLORIDA 303	329	599	556	-	1,484
TEST MEAN	232	822	818	-	1,872
C. V. (%)	26	20	26	-	16
L. S. D (.10)	82	230	294	-	401
<u>OATS</u>					
COKER 227	49	363	1,273	-	1,685
833	40	359	1,270	-	1,669
COKER 716	33	225	1,347	-	1,603
FFR SF7630	54	314	1,176	-	1,544
COKER 820	135	289	1,118	-	1,543
SIMPSON	62	230	1,230	-	1,522
CITATION	171	225	1,089	-	1,484
BOB	66	322	1,066	-	1,455
AR 102-S	31	257	1,037	-	1,325
TEST MEAN	71	287	1,178	-	1,537
C. V. (%)	48	28	15	-	15
L. S. D (.10)	49	116	248	-	338
<u>BARLEY</u>					
WYSOR	135	597	1,354	-	2,086
KEOWEE	102	582	1,059	-	1,743
BARSOY	106	678	706	-	1,490
SUSSEX	87	647	734	-	1,468
ANSON	100	426	913	-	1,439
TEST MEAN	106	586	953	-	1,645
C. V. (%)	51	27	28	-	20
L. S. D (.10)	83	240	404	-	503

TABLE 8. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS,
AND BARLEY VARIETIES CUT AS FORAGE AT UPPER COASTAL
PLAIN SUBSTATION, WINFIELD, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
CALDWELL	614	813	1,554	-	2,981
PIONEER 2551	896	973	990	-	2,859
MASSEY	905	985	962	-	2,851
PIONEER 2555	551	1,151	1,095	-	2,797
FILLMORE	495	819	1,351	-	2,666
SALUDA	784	929	941	-	2,654
COMPTON	506	878	1,267	-	2,650
STACY	811	1,055	750	-	2,616
WILLIAMS	929	911	703	-	2,542
COKER 983	952	801	733	-	2,485
TYLER	812	826	807	-	2,445
MCNAIR 1003	960	790	674	-	2,425
COKER 916	790	784	817	-	2,392
TRAVELER	1,100	625	656	-	2,381
COKER 9733	978	732	581	-	2,291
COKER 9323	1,003	658	575	-	2,236
FLORIDA 302	1,059	680	472	-	2,211
COKER 9766	921	640	605	-	2,166
FLORIDA 303	1,119	324	404	-	1,848
<u>OATS</u>					
COKER 227	886	620	1,105	-	2,611
COKER 716	415	539	1,575	-	2,528
FFR SF7630	527	615	1,237	-	2,378
833	693	546	1,026	-	2,265
CITATION	854	436	736	-	2,026
SIMPSON	386	439	1,190	-	2,015
COKER 820	741	363	713	-	1,817
<u>BARLEY</u>					
WYSOR	528	761	1,648	-	2,937
SUSSEX	1,026	709	781	-	2,516
ANSON	623	639	1,212	-	2,475
KEOWEE	547	784	1,119	-	2,450
BARSOY	688	844	861	-	2,393

TABLE 9. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
AND OATS VARIETIES CUT AS FORAGE AT UPPER COASTAL
PLAIN SUBSTATION, WINFIELD, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>WHEAT</u>					
CALDWELL	409	542	1,872	398	3,221
MASSEY	603	657	1,649	244	3,153
COMPTON	337	585	1,673	299	2,894
PIONEER 2551	597	649	1,302	270	2,818
SALUDA	523	619	1,351	316	2,809
STACY	541	703	1,348	212	2,803
FILLMORE	330	546	1,530	281	2,687
MCNAIR 1003	640	527	1,264	256	2,687
COKER 916	527	523	1,406	184	2,640
WILLIAMS	619	607	1,197	159	2,582
TYLER	541	551	1,264	182	2,538
FLORIDA 302	706	453	1,055	317	2,531
COKER 983	635	534	1,155	204	2,527
COKER 9766	614	427	1,122	264	2,426
COKER 9323	669	439	1,032	226	2,366
<u>OATS</u>					
COKER 227	590	413	1,707	280	2,991
COKER 716	277	359	1,999	309	2,944
833	462	364	1,573	285	2,684
CITATION	569	291	1,212	306	2,379
SIMPSON	257	293	1,336	461	2,347
COKER 820	494	242	956	433	2,125

TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION, MARION JUNCTION, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
PIONEER 2551	-	3,394	3,024	-	6,418
CALDWELL	-	1,724	3,824	-	5,548
STACY	-	3,613	1,892	-	5,506
TRAVELER	-	4,181	1,229	-	5,409
SALUDA	-	3,050	2,273	-	5,322
WILLIAMS	-	3,348	1,875	-	5,223
MCNAIR 1003	-	3,383	1,838	-	5,222
TERRAL 817	-	3,835	1,384	-	5,219
FFR 525W	-	3,496	1,698	-	5,194
FLORIDA 303	-	4,146	943	-	5,089
PIONEER 2548	-	2,796	2,218	-	5,014
PIONEER 2555	-	2,399	2,432	-	4,831
COKER 9733	-	3,734	1,086	-	4,819
FLORIDA 302	-	3,492	1,309	-	4,801
FILLMORE	-	1,583	3,181	-	4,763
TYLER	-	2,871	1,813	-	4,684
MASSEY	-	3,393	1,181	-	4,574
COKER 916	-	2,857	1,644	-	4,501
COMPTON	-	1,065	3,196	-	4,261
COKER 9766	-	2,784	1,109	-	3,893
TERRAL 101	-	2,321	1,437	-	3,758
TEST MEAN	-	3,022	1,933	-	4,955
C. V. (%)	-	11	15	-	10
L. S. D (.10)	-	454	410	-	681
<u>OATS</u>					
COKER 227	-	1,557	2,737	-	4,295
FFR SF7630	-	428	3,653	-	4,081
CITATION	-	1,506	2,180	-	3,686
833	-	633	2,969	-	3,602
SIMPSON	-	442	2,894	-	3,336
COKER 716	-	434	2,792	-	3,226
COKER 820	-	1,315	1,866	-	3,181
AR 102-S	-	622	1,887	-	2,510
BOB	-	874	1,435	-	2,309
TEST MEAN	-	868	2,490	-	3,358
C. V. (%)	-	33	26	-	19
L. S. D (.10)	-	405	925	-	924

CONTINUED

TABLE 10. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
 VARIETIES CUT AS FORAGE AT BLACK BELT SUBSTATION,
 MARION JUNCTION, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	
<u>RYE</u>					
GI 85	-	2,875	2,093	-	4,968
GURLEY'S GRAZER 2000	-	2,881	2,081	-	4,962
WINTERGRAZER 70	-	2,515	2,367	-	4,882
GI 87	-	2,626	2,023	-	4,649
WREN'S ABRUZZI	-	3,390	1,219	-	4,609
MATON	-	1,910	2,675	-	4,585
GI 87X	-	2,694	1,872	-	4,566
AFC 20-20	-	2,459	2,022	-	4,482
AFC 20-10	-	2,739	1,719	-	4,458
ELBON	-	2,106	2,334	-	4,440
TEST MEAN	-	2,620	2,040	-	4,660
C. V. (%)	-	11	14	-	9
L. S. D (.10)	-	411	416	-	581

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, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
CALDWELL	213	1,994	3,753	-	5,960
PIONEER 2551	301	2,694	2,875	-	5,870
STACY	330	3,074	2,014	-	5,419
SALUDA	355	2,513	2,468	-	5,336
MCNAIR 1003	246	2,493	2,399	-	5,138
WILLIAMS	283	2,628	2,193	-	5,104
TYLER	199	2,531	2,374	-	5,104
FILLMORE	144	1,599	3,214	-	4,957
TERRAL 817	143	2,885	1,862	-	4,891
COKER 9733	194	2,934	1,760	-	4,888
COMPTON	325	1,494	3,033	-	4,852
PIONEER 2555	228	2,119	2,471	-	4,818
FLORIDA 302	133	2,692	1,965	-	4,791
FLORIDA 303	138	2,880	1,629	-	4,647
COKER 916	139	2,513	1,947	-	4,599
MASSEY	371	2,489	1,689	-	4,549
COKER 9766	161	2,220	1,612	-	3,993
<u>OATS</u>					
FFR SF7630	263	1,564	3,301	-	5,127
COKER 227	325	2,125	2,632	-	5,081
SIMPSON	252	1,495	2,881	-	4,629
COKER 716	261	1,513	2,855	-	4,629
833	245	1,673	2,663	-	4,581
CITATION	392	2,044	2,070	-	4,506
COKER 820	460	1,448	2,232	-	4,141
<u>RYE</u>					
GURLEY'S GRAZER 2000	397	2,794	1,758	-	4,949
GI 87X	296	2,901	1,713	-	4,910
WREN'S ABRUZZI	371	3,044	1,468	-	4,883
WINTERGRAZER 70	307	2,588	1,950	-	4,846
AFC 20-20	366	2,679	1,794	-	4,838
MATON	251	2,327	2,253	-	4,830

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, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
PIONEER 2551	200	2,346	2,901	191	5,639
CALDWELL	142	1,568	3,494	218	5,422
STACY	220	2,595	2,212	87	5,115
SALUDA	237	2,081	2,571	202	5,091
WILLIAMS	189	2,473	2,350	75	5,086
TYLER	133	2,341	2,436	41	4,950
TERRAL 817	95	2,578	1,905	101	4,680
MCNAIR 1003	164	2,226	2,117	168	4,675
COMPTON	217	1,271	2,954	201	4,642
FLORIDA 302	89	2,271	2,001	152	4,513
FILLMORE	96	1,253	3,025	120	4,494
COKER 9733	129	2,528	1,647	187	4,491
MASSEY	247	2,297	1,695	185	4,424
COKER 916	92	1,984	2,022	119	4,218
COKER 9766	107	1,810	1,860	153	3,931
<u>OATS</u>					
COKER 227	216	1,600	2,523	445	4,784
COKER 716	174	1,304	2,663	569	4,711
SIMPSON	168	1,304	2,588	547	4,607
833	164	1,355	2,604	457	4,579
CITATION	261	1,776	2,135	381	4,553
COKER 820	307	1,507	1,980	428	4,222
<u>RYE</u>					
WINTERGRAZER 70	205	2,520	1,973	36	4,733
MATON	167	2,150	2,331	50	4,698
WREN'S ABRUZZI	247	2,848	1,497	58	4,650
AFC 20-20	244	2,538	1,809	42	4,632

TABLE 13. SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PIEDMONT SUBSTATION, CAMP HILL, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
OATS					
FFR SF7630	-	528	703	1,217	2,448
CITATION	-	524	657	1,204	2,385
AR 102-S	-	258	612	1,399	2,269
BOB	-	364	680	1,192	2,235
COKER 227	-	359	605	1,236	2,200
833	-	353	374	1,461	2,188
COKER 716	-	294	638	1,047	1,979
COKER 820	-	573	617	746	1,936
SIMPSON	-	336	406	1,135	1,877
TEST MEAN	-	399	588	1,182	2,169
C. V. (%)	-	23	50	15	20
L. S. D (.10)	-	130	423	253	625
RYE					
FLORIDA 402	-	1,401	1,015	563	2,979
GA WA C3L	-	1,214	731	671	2,617
BONEL	-	459	1,104	941	2,505
AFC 20-10	-	923	1,091	409	2,422
FORAGER	-	1,293	673	332	2,299
GI 90	-	591	1,148	548	2,287
GI 87X	-	779	774	718	2,270
AFC 20-30	-	746	1,007	517	2,270
MATON	-	306	1,174	779	2,260
WREN'S ABRUZZI	-	1,099	605	517	2,221
UNDERWOOD EXP 845	-	1,102	528	586	2,216
GA WA C3E	-	1,252	538	417	2,207
UNDERWOOD EXP 425	-	1,223	427	540	2,191
NF 142	-	294	1,375	502	2,170
GURLEY'S GRAZER 2000	-	673	1,085	409	2,166
MGI 30-30	-	640	1,037	486	2,162
GI 2000X	-	633	1,061	440	2,133
GI 85	-	611	957	532	2,100
WINTERGRAZER 70	-	497	1,060	525	2,082
GI 87	-	613	1,035	432	2,080
CAROLINA MAGIC	-	471	939	617	2,027
AFC 20-20	-	521	1,002	486	2,009
GI 88	-	568	891	548	2,007
AFC 20-20X	-	539	888	556	1,983
DOSSCO GRAZER II	-	693	923	363	1,979
WREN'S ABRUZZI AL	-	835	632	486	1,954
GA WA HRC3	-	747	715	417	1,878
NF 73	-	285	1,149	409	1,844
UNDERWOOD EXP 428	-	1,031	470	193	1,694
ELBON	-	364	1,005	85	1,454
TEST MEAN	-	747	901	501	2,149
C. V. (%)	-	21	21	51	17
L. S. D (.10)	-	212	258	349	494

CONTINUED

TABLE 13. SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE
 VARIETIES CUT AS FORAGE AT PIEDMONT SUBSTATION,
 CAMP HILL, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>TRITICALE</u>					
COUNCIL	-	802	1,325	1,011	3,138
STAN II	-	627	1,262	806	2,695
VICTORIA	-	1,288	622	749	2,659
BEAGLE 82	-	1,832	478	332	2,642
JENKINS	-	1,755	435	417	2,607
SUNLAND	-	1,647	374	481	2,502
MORRISON	-	704	1,177	558	2,440
STAN I	-	530	1,279	629	2,438
THOMAS	-	733	1,181	474	2,388
TEST MEAN	-	1,102	904	606	2,612
C. V. (%)	-	19	12	17	10
L. S. D (.10)	-	292	152	147	383

TABLE 14. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS, RYE,
AND TRITICALE VARIETIES CUT AS FORAGE AT PIEDMONT
SUBSTATION, CAMP HILL, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>OATS</u>					
FFR SF7630	251	515	1,409	1,759	3,934
COKER 227	281	549	1,345	1,736	3,910
COKER 716	255	441	1,424	1,693	3,813
CITATION	346	659	1,019	1,562	3,586
833	278	488	1,012	1,768	3,546
SIMPSON	227	445	1,269	1,591	3,532
COKER 820	438	827	603	1,532	3,400
<u>RYE</u>					
AFC 20-10	436	685	1,579	852	3,551
FLORIDA 402	321	917	1,239	823	3,300
BONEL	317	286	1,538	1,087	3,227
GI 88	379	471	1,457	913	3,220
NF 142	321	223	1,735	899	3,178
WINTERGRAZER 70	425	343	1,495	887	3,151
AFC 20-20	286	417	1,606	838	3,148
AFC 20-30	388	480	1,498	749	3,115
MATON	268	205	1,605	1,036	3,114
GURLEY'S GRAZER 2000	325	448	1,553	787	3,112
GI 90	367	405	1,500	828	3,101
UNDERWOOD EXP 845	396	770	914	1,009	3,090
CAROLINA MAGIC	287	337	1,562	902	3,089
GI 87X	319	486	1,390	871	3,066
WREN'S ABRUZZI	378	840	1,003	822	3,043
GI 85	303	445	1,457	804	3,009
GI 87	342	411	1,423	808	2,983
NF 73	317	290	1,577	788	2,973
DOSSCO GRAZER II	279	459	1,462	757	2,957
UNDERWOOD EXP 425	364	785	847	913	2,909
FORAGER	312	896	1,045	642	2,895
ELBON	323	248	1,518	621	2,710
UNDERWOOD EXP 428	442	752	716	794	2,704
<u>TRITICALE</u>					
COUNCIL	337	531	1,652	1,247	3,768
STAN II	243	407	1,657	1,131	3,438
MORRISON	239	415	1,690	938	3,283
JENKINS	106	906	1,096	1,154	3,261
THOMAS	232	444	1,698	859	3,233
STAN I	289	358	1,474	982	3,103
VICTORIA	389	911	560	894	2,755
BEAGLE 82	475	1,256	393	166	2,290
SUNLAND	412	1,183	348	240	2,184

TABLE 15. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PIEDMONT SUBSTATION, CAMP HILL, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>OATS</u>					
COKER 227	187	759	1,332	1,157	3,435
833	185	645	1,102	1,179	3,111
COKER 716	170	325	1,462	1,129	3,086
COKER 820	292	1,046	684	1,022	3,044
CITATION	231	627	1,111	1,041	3,011
SIMPSON	151	341	1,327	1,061	2,880
<u>RYE</u>					
FLORIDA 402	214	1,382	1,052	548	3,197
AFC 20-10	290	954	1,320	568	3,133
AFC 20-20	191	837	1,299	559	2,886
WINTERGRAZER 70	283	686	1,311	591	2,871
UNDERWOOD EXP 845	264	1,041	883	673	2,861
GI 88	253	774	1,190	609	2,826
BONEL	211	459	1,399	725	2,794
GURLEY'S GRAZER 2000	216	738	1,288	525	2,768
GI 85	202	846	1,182	536	2,765
NF 142	214	431	1,486	599	2,730
NF 73	212	604	1,388	526	2,729
GI 87X	212	683	1,232	581	2,708
DOSSCO GRAZER II	186	784	1,221	504	2,696
UNDERWOOD EXP 425	243	1,114	729	608	2,694
UNDERWOOD EXP 428	295	1,099	754	529	2,676
WREN'S ABRUZZI	252	1,044	832	548	2,675
FORAGER	208	1,164	869	428	2,669
MATON	179	345	1,411	691	2,626
ELBON	215	560	1,333	414	2,522
<u>TRITICALE</u>					
COUNCIL	225	558	1,367	832	2,981
MORRISON	160	442	1,410	626	2,637
JENKINS	71	615	1,166	769	2,621
THOMAS	155	433	1,404	573	2,564
STAN I	193	384	1,308	655	2,540
BEAGLE 82	316	1,188	384	111	1,999

TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD,
PRATTVILLE, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
FLORIDA 302	802	2,063	1,773	-	4,638
COKER 9766	547	2,007	1,641	-	4,196
SALUDA	298	1,881	1,954	-	4,133
FILLMORE	-	1,186	2,228	640	4,054
TRAVELER	480	1,784	1,667	-	3,931
TYLER	528	1,733	1,546	-	3,808
WILLIAMS	477	1,742	1,567	-	3,786
MASSEY	198	2,062	1,492	-	3,752
PIONEER 2548	-	1,766	1,981	-	3,747
PIONEER 2555	104	1,714	1,894	-	3,712
STACY	347	1,702	1,625	-	3,673
COKER 9733	372	1,703	1,561	-	3,637
CALDWELL	-	1,200	2,374	-	3,574
TERRAL 101	-	1,734	1,821	-	3,555
PIONEER 2551	-	1,498	2,000	-	3,497
COMPTON	60	1,236	2,167	-	3,464
COKER 916	211	1,615	1,632	-	3,458
TERRAL 817	-	1,663	1,619	-	3,283
FFR 525W	415	1,473	1,389	-	3,277
MCNAIR 1003	-	1,453	1,710	-	3,163
FLORIDA 303	429	1,231	1,371	-	3,031
TEST MEAN	376	1,640	1,763	640	3,684
C. V. (%)	27	15	11	0	8
L. S. D (. 10)	153	345	269	-	430
<u>OATS</u>					
CITATION	580	1,558	1,957	529	4,625
SIMPSON	-	1,584	2,118	893	4,595
FFR SF7630	-	1,800	2,092	692	4,583
COKER 716	-	1,471	2,079	889	4,439
COKER 820	373	1,609	1,817	634	4,434
833	-	1,554	1,951	723	4,228
COKER 227	-	1,600	2,036	560	4,196
AR 102-S	-	1,269	2,048	564	3,882
BOB	94	1,507	1,629	444	3,674
TEST MEAN	349	1,550	1,970	659	4,295
C. V. (%)	0	9	9	31	9
L. S. D (. 10)	-	207	245	294	545

CONTINUED

TABLE 16. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD,
PRATTVILLE, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY	LATE	
	LB.	LB.	LB.	LB.	
RYE					
GA WA C3L	927	1,948	1,837	-	4,712
CAROLINA MAGIC	631	1,781	2,281	-	4,693
NF 73	634	1,699	2,345	-	4,678
AFC 20-20X	528	1,815	2,296	-	4,639
BONEL	579	1,719	2,338	-	4,636
FLORIDA 402	547	1,978	2,041	-	4,566
MATON	479	1,604	2,464	-	4,547
GI 88	848	1,755	1,934	-	4,537
AFC 20-10	823	1,675	2,018	-	4,516
GA WA HRC3	641	1,854	2,018	-	4,514
GA WA C3E	1,107	1,666	1,734	-	4,506
ELBON	528	1,625	2,293	-	4,446
AFC 20-20	642	1,794	2,009	-	4,445
FORAGER	881	1,769	1,761	-	4,411
NF 142	587	1,517	2,288	-	4,392
GI 90	649	1,693	2,050	-	4,392
GURLEY'S GRAZER 2000	643	1,728	2,005	-	4,376
GI 87	565	1,753	2,052	-	4,369
WREN'S ABRUZZI	824	1,848	1,685	-	4,357
GI 85	487	1,796	2,058	-	4,341
WREN'S ABRUZZI AL	709	1,833	1,784	-	4,327
DOSSCO GRAZER II	565	1,705	2,016	-	4,285
AFC 20-30	535	1,735	1,999	-	4,269
GI 87X	569	1,736	1,960	-	4,265
UNDERWOOD EXP 845	1,107	1,463	1,647	-	4,217
GI 2000X	387	1,719	2,110	-	4,216
UNDERWOOD EXP 425	1,026	1,349	1,753	-	4,127
MGI 30-30	477	1,596	2,024	-	4,096
UNDERWOOD EXP 428	1,134	1,281	1,540	-	3,954
WINTERGRAZER 70	533	1,330	1,756	-	3,619
TEST MEAN	686	1,692	2,003	-	4,382
C. V. (%)	24	9	8	-	8
L. S. D (. 10)	224	211	220	-	449

TABLE 17. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE
FIELD, PRATTVILLE, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
WHEAT					
WILLIAMS	988	1,996	1,204	526	4,713
SALUDA	700	2,011	1,444	505	4,661
FLORIDA 302	979	1,923	1,223	444	4,568
COKER 9766	876	1,892	1,136	584	4,488
STACY	890	1,900	1,273	400	4,462
MASSEY	724	2,020	1,098	529	4,371
PIONEER 2555	488	2,019	1,392	466	4,366
FILLMORE	650	1,341	1,446	906	4,342
PIONEER 2551	513	1,832	1,392	555	4,292
MCNAIR 1003	766	1,691	1,180	611	4,248
COMPTON	716	1,566	1,592	369	4,243
CALDWELL	526	1,499	1,582	548	4,156
COKER 9733	838	1,737	1,092	477	4,145
TYLER	915	1,547	1,097	388	3,947
TERRAL 817	590	1,672	1,158	447	3,867
COKER 916	602	1,615	1,231	320	3,768
FLORIDA 303	808	1,714	792	405	3,718
OATS					
SIMPSON	830	1,969	1,421	1,067	5,287
FFR SF7630	804	2,066	1,468	932	5,271
COKER 716	817	1,891	1,382	956	5,045
833	781	1,879	1,360	1,000	5,019
COKER 227	795	1,944	1,333	917	4,989
CITATION	1,101	1,683	1,316	796	4,897
COKER 820	1,018	1,610	1,219	1,040	4,887

CONTINUED

TABLE 17. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE
FIELD, PRATTVILLE, ALABAMA, 1989-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY	LATE	
	LB.	LB.	LB.	LB.	
<u>RYE</u>					
NF 73	1,084	1,990	1,589	448	5,112
GI 88	1,133	1,956	1,399	475	4,963
AFC 20-10	1,056	1,895	1,454	500	4,905
ELBON	846	2,045	1,599	413	4,903
CAROLINA MAGIC	986	1,876	1,587	433	4,882
MATON	892	1,912	1,653	423	4,880
GI 85	955	1,994	1,466	460	4,876
BONEL	936	1,891	1,590	450	4,867
GI 87	993	1,940	1,466	456	4,855
FLORIDA 402	764	2,076	1,433	560	4,833
GI 90	943	1,972	1,480	421	4,816
AFC 20-20	893	2,069	1,398	437	4,797
NF 142	893	1,842	1,579	474	4,789
DOSSCO GRAZER II	965	1,949	1,427	448	4,789
FORAGER	1,129	1,927	1,280	437	4,774
WREN'S ABRUZZI	1,076	1,947	1,205	524	4,752
GURLEY'S GRAZER 2000	968	1,907	1,425	399	4,699
UNDERWOOD EXP 845	1,317	1,692	1,155	535	4,699
AFC 20-30	948	1,863	1,434	444	4,690
GI 87X	961	1,893	1,361	438	4,654
UNDERWOOD EXP 425	1,240	1,563	1,184	509	4,496
WINTERGRAZER 70	955	1,804	1,247	479	4,484
UNDERWOOD EXP 428	1,265	1,630	1,040	497	4,433

TABLE 18. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT PRATTVILLE FIELD, PRATTVILLE, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
WILLIAMS	864	1,956	1,679	351	4,851
FLORIDA 302	856	2,024	1,465	296	4,641
STACY	779	1,900	1,694	266	4,640
SALUDA	597	1,775	1,923	337	4,632
COKER 9766	692	1,954	1,368	389	4,404
FILLMORE	459	1,214	2,084	604	4,360
MASSEY	576	2,044	1,379	353	4,352
PIONEER 2551	460	1,586	1,917	370	4,334
CALDWELL	412	1,235	2,235	366	4,248
TERRAL 817	494	1,767	1,677	298	4,236
COMPTON	525	1,314	2,105	246	4,190
MCNAIR 1003	571	1,710	1,476	407	4,164
COKER 9733	637	1,759	1,384	318	4,099
TYLER	699	1,463	1,550	259	3,971
COKER 916	504	1,586	1,587	214	3,890
<u>OATS</u>					
SIMPSON	633	1,826	2,111	711	5,282
COKER 716	603	1,746	2,233	637	5,219
833	565	1,824	1,924	667	4,980
COKER 820	878	1,610	1,746	693	4,927
COKER 227	567	1,736	1,997	611	4,912
CITATION	847	1,616	1,779	531	4,772
<u>RYE</u>					
NF 73	973	1,962	1,908	299	5,141
GI 87	846	2,053	1,828	304	5,031
MATON	854	1,804	2,011	282	4,952
GI 88	985	1,994	1,596	317	4,892
NF 142	847	1,804	1,914	316	4,881
ELBON	716	1,947	1,940	275	4,878
BONEL	841	1,814	1,895	300	4,850
GI 87X	821	2,095	1,627	292	4,836
AFC 20-10	1,010	1,834	1,639	333	4,816
GURLEY'S GRAZER 2000	929	1,964	1,632	266	4,791
WINTERGRAZER 70	925	1,859	1,655	319	4,758
DOSSCO GRAZER II	917	1,881	1,658	298	4,754
GI 85	846	1,920	1,666	307	4,739
AFC 20-20	812	2,034	1,599	292	4,737
FLORIDA 402	707	2,073	1,555	373	4,709
FORAGER	1,015	1,940	1,402	292	4,649
UNDERWOOD EXP 845	1,145	1,714	1,424	357	4,639
UNDERWOOD EXP 425	1,164	1,658	1,441	340	4,602
WREN'S ABRUZZI	1,047	1,892	1,288	349	4,576
UNDERWOOD EXP 428	1,155	1,562	1,398	332	4,446

TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>WHEAT</u>					
PIONEER 2548	1,229	2,612	660	-	4,501
CALDWELL	1,053	2,006	1,130	-	4,189
WILLIAMS	1,162	2,450	504	-	4,115
FFR 525W	1,114	2,545	429	-	4,089
PIONEER 2551	1,089	2,401	577	-	4,068
MASSEY	1,009	2,524	484	-	4,017
FLORIDA 302	1,236	2,246	536	-	4,017
COKER 9733	1,113	2,396	499	-	4,007
PIONEER 2555	916	2,506	567	-	3,989
STACY	1,133	2,451	360	-	3,944
TERRAL 101	923	2,551	439	-	3,913
TYLER	1,160	2,242	508	-	3,910
SALUDA	1,002	2,349	519	-	3,870
MCNAIR 1003	951	2,397	500	-	3,847
TRAVELER	979	2,052	721	-	3,752
COKER 916	876	2,469	379	-	3,724
COKER 9766	980	2,246	487	-	3,713
FILLMORE	971	1,627	1,098	-	3,696
FLORIDA 303	1,006	1,715	827	-	3,548
TERRAL 817	1,110	2,071	360	-	3,541
COMPTON	641	2,115	626	-	3,382
TEST MEAN	1,031	2,284	581	-	3,897
C. V. (%)	10	9	16	-	7
L. S. D (. 10)	147	287	131	-	385
<u>OATS</u>					
CITATION	1,268	1,647	654	-	3,569
FFR SF7630	925	1,799	783	-	3,507
SIMPSON	844	1,774	824	-	3,443
COKER 227	742	2,103	493	-	3,338
COKER 820	1,003	1,709	620	-	3,331
B33	640	1,794	678	-	3,112
AR 102-S	611	1,582	856	-	3,050
BOB	954	1,581	508	-	3,043
COKER 716	669	1,484	873	-	3,026
TEST MEAN	851	1,719	699	-	3,269
C. V. (%)	17	16	12	-	10
L. S. D (. 10)	202	395	123	-	475

CONTINUED

TABLE 19. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
<u>RYE</u>					
BONEL	1,485	2,319	854	-	4,659
MATON	1,390	2,204	988	-	4,583
CAROLINA MAGIC	1,373	2,231	969	-	4,573
GI 87	1,235	2,383	876	-	4,494
NF 73	1,228	2,300	902	-	4,430
NF 142	1,298	2,240	848	-	4,387
ELBON	1,282	2,311	783	-	4,375
GI 87X	1,204	2,346	807	-	4,357
GURLEY'S GRAZER 2000	1,216	2,397	738	-	4,350
GI 2000X	1,347	2,243	754	-	4,344
WINTERGRAZER 70	1,338	2,257	746	-	4,341
MGI 30-30	1,155	2,324	817	-	4,296
AFC 20-10	1,077	2,308	900	-	4,285
GA WA HRC3	1,036	2,334	881	-	4,251
GA WA C3E	1,333	2,061	834	-	4,228
GI 90	1,210	2,319	693	-	4,223
WREN'S ABRUZZI	1,277	2,121	792	-	4,190
UNDERWOOD EXP 425	1,359	1,914	912	-	4,185
GI 88	1,140	2,268	754	-	4,161
FORAGER	1,157	2,107	875	-	4,140
AFC 20-30	1,002	2,293	826	-	4,121
AFC 20-20X	1,122	2,169	809	-	4,100
AFC 20-20	1,151	2,082	782	-	4,015
UNDERWOOD EXP 845	1,213	1,915	858	-	3,986
GI 85	1,038	2,186	640	-	3,864
DOSSCO GRAZER II	785	2,231	819	-	3,836
UNDERWOOD EXP 428	1,423	1,403	979	-	3,805
FLORIDA 402	1,152	1,698	848	-	3,697
GA WA C3L	1,149	1,894	586	-	3,630
WREN'S ABRUZZI AL	675	1,900	686	-	3,261
TEST MEAN	1,195	2,159	819	-	4,172
C. V. (%)	13	10	15	-	7
L. S. D (.10)	213	281	171	-	390
<u>TRITICALE</u>					
STAN I	1,152	2,113	1,078	-	4,343
COUNCIL	980	2,213	935	-	4,128
THOMAS	996	1,997	805	-	3,797
MORRISON	795	1,945	879	-	3,619
STAN II	565	1,841	1,138	-	3,543
VICTORIA	1,509	1,499	472	-	3,480
BEAGLE 82	1,424	1,255	633	-	3,311
SUNLAND	1,242	1,273	657	-	3,172
JENKINS	1,315	1,199	602	-	3,117
TEST MEAN	1,109	1,704	800	-	3,612
C. V. (%)	14	12	21	-	10
L. S. D (.10)	219	302	235	-	492

TABLE 20. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT
PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
<u>WHEAT</u>					
MASSEY	838	2,090	584	-	3,512
WILLIAMS	908	1,962	569	-	3,439
SALUDA	804	1,638	978	-	3,420
STACY	853	1,919	572	-	3,344
PIONEER 2555	563	1,526	1,026	-	3,115
PIONEER 2551	691	1,550	871	-	3,111
CALDWELL	679	1,150	1,279	-	3,108
MCNAIR 1003	785	1,761	537	-	3,082
FILLMORE	703	969	1,349	-	3,021
COKER 9766	847	1,670	489	-	3,006
COKER 9733	799	1,734	410	-	2,942
TYLER	831	1,430	591	-	2,851
COKER 916	695	1,567	586	-	2,849
FLORIDA 302	750	1,525	546	-	2,822
COMPTON	510	1,205	1,025	-	2,739
TERRAL 817	714	1,343	508	-	2,565
FLORIDA 303	654	1,199	597	-	2,449
<u>OATS</u>					
CITATION	985	1,254	791	353	3,383
COKER 227	556	1,522	830	435	3,343
FFR SF7630	607	1,310	949	321	3,188
COKER 716	488	1,127	1,193	361	3,169
833	465	1,336	888	433	3,121
COKER 820	773	1,294	763	260	3,090
SIMPSON	464	1,087	984	442	2,977

CONTINUED

TABLE 20. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT
PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1989-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
RYE					
CAROLINA MAGIC	1,288	1,849	1,229	295	4,661
WINTERGRAZER 70	1,220	1,956	1,073	361	4,610
AFC 20-10	1,000	2,078	1,135	385	4,597
GI 87	1,196	1,995	990	298	4,479
MATON	1,139	1,832	1,294	175	4,441
ELBON	1,295	1,794	1,040	201	4,330
GURLEY'S GRAZER 2000	1,205	1,898	908	287	4,298
GI 88	986	2,009	1,036	238	4,269
GI 85	1,017	2,027	894	272	4,210
BONEL	1,225	1,869	1,096	-	4,191
UNDERWOOD EXP 845	1,360	1,444	1,075	307	4,186
GI 90	1,013	1,997	949	192	4,150
AFC 20-20	998	1,857	951	243	4,049
WREN'S ABRUZZI	1,213	1,995	827	-	4,035
UNDERWOOD EXP 428	1,367	1,206	1,080	369	4,022
GI 87X	949	1,930	898	237	4,013
AFC 20-30	912	1,751	1,116	224	4,002
UNDERWOOD EXP 425	1,251	1,497	997	226	3,971
FLORIDA 402	1,093	1,646	891	339	3,969
NF 73	1,010	1,784	1,171	-	3,964
FORAGER	1,096	1,606	901	347	3,950
DOSSCO GRAZER II	875	1,745	1,031	228	3,879
NF 142	996	1,633	1,044	205	3,878
TRITICALE					
COUNCIL	730	1,721	939	-	3,390
STAN II	399	1,458	1,074	442	3,373
STAN I	779	1,445	1,027	-	3,251
MORRISON	583	1,351	959	277	3,171
THOMAS	690	1,320	894	-	2,904
JENKINS	657	781	1,094	325	2,858
VICTORIA	1,081	1,111	609	-	2,801
SUNLAND	1,020	1,039	614	-	2,672
BEAGLE 82	1,118	956	531	-	2,605

TABLE 21. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
WHEAT					
SALUDA	1,079	1,644	1,139	278	4,141
WILLIAMS	1,233	1,965	610	299	4,107
MASSEY	1,195	1,980	524	369	4,069
CALDWELL	874	1,153	1,623	362	4,012
PIONEER 2551	1,052	1,611	974	331	3,968
STACY	1,091	1,843	694	279	3,907
MCNAIR 1003	1,051	1,805	509	351	3,715
COMPTON	725	1,334	1,314	214	3,587
FILLMORE	852	1,130	1,437	142	3,561
COKER 916	999	1,665	588	296	3,548
TYLER	1,114	1,550	701	158	3,523
FLORIDA 302	1,110	1,506	511	373	3,500
COKER 9766	1,043	1,599	426	428	3,496
TERRAL 817	1,113	1,472	509	271	3,363
COKER 9733	1,202	1,540	412	-	3,153
OATS					
SIMPSON	698	1,106	1,265	983	4,052
CITATION	1,233	1,181	932	648	3,995
COKER 227	914	1,346	1,081	610	3,951
833	770	1,273	1,040	828	3,912
COKER 716	686	1,124	1,378	704	3,893
COKER 820	1,157	938	912	615	3,621
RYE					
AFC 20-10	1,333	2,032	1,023	563	4,951
WINTERGRAZER 70	1,456	1,870	1,014	492	4,832
MATON	1,238	1,905	1,269	290	4,701
BONEL	1,406	1,922	1,050	314	4,693
GI 85	1,312	1,956	834	502	4,604
GI 88	1,271	1,958	921	444	4,594
GURLEY'S GRAZER 2000	1,385	1,873	868	441	4,566
GI 87X	1,301	1,888	849	521	4,558
ELBON	1,335	1,863	1,006	326	4,531
UNDERWOOD EXP 845	1,529	1,471	1,018	445	4,463
AFC 20-20	1,303	1,831	866	450	4,450
NF 142	1,180	1,725	1,117	381	4,403
WREN'S ABRUZZI	1,548	1,850	724	279	4,401
FORAGER	1,388	1,610	792	588	4,377
NF 73	1,147	1,859	1,100	216	4,322
DOSSCO GRAZER II	1,143	1,799	924	446	4,312
FLORIDA 402	1,359	1,655	770	511	4,295
UNDERWOOD EXP 428	1,502	1,082	1,111	579	4,274
UNDERWOOD EXP 425	1,429	1,436	925	279	4,070

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TABLE 21. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT
PLANT BREEDING UNIT, TALLASSEE, ALABAMA, 1988-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>TRITICALE</u>					
STAN I	1,070	1,455	1,000	190	3,715
COUNCIL	1,005	1,535	889	200	3,628
MORRISON	667	1,387	991	407	3,452
THOMAS	876	1,451	832	243	3,403
JENKINS	476	900	1,188	328	2,892
BEAGLE 82	1,393	688	409	-	2,490

TABLE 22. SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
<u>OATS</u>					
CDKER 227	1,199	2,262	2,826	-	6,287
833	951	2,427	2,891	-	6,269
AR 102-S	920	2,503	2,790	-	6,213
CITATION	1,303	1,543	3,329	-	6,175
FFR SF7630	1,119	2,301	2,723	-	6,142
SIMPSON	1,089	2,386	2,498	-	5,973
BOB	1,172	1,531	3,156	-	5,859
CDKER 716	1,030	1,994	2,303	-	5,327
CDKER 820	1,440	631	3,009	-	5,079
FLORIDA 502	943	1,172	2,947	-	5,062
FLORIDA 501	1,336	623	1,846	-	3,804
TEST MEAN	1,137	1,761	2,756	-	5,654
C. V. (%)	14	17	21	-	13
L. S. D (.10)	224	420	799	-	1,065
<u>RYE</u>					
GI 2000X	1,231	2,312	2,688	-	6,231
ELBON	1,376	2,304	2,515	-	6,196
MATON	1,286	2,123	2,741	-	6,150
AFC 20-30	889	2,335	2,905	-	6,129
WINTERGRAZER 70	1,356	2,245	2,456	-	6,058
BONEL	1,273	2,129	2,636	-	6,038
CAROLINA MAGIC	1,256	2,087	2,695	-	6,037
GI 87X	1,239	2,216	2,540	-	5,995
UNDERWOOD EXP 845	1,364	1,846	2,724	-	5,933
GURLEY'S GRAZER 2000	1,186	2,211	2,458	-	5,855
DOSSCO GRAZER II	814	2,394	2,646	-	5,854
AFC 20-20	1,183	2,215	2,399	-	5,797
GA WA C3L	1,144	1,939	2,668	-	5,751
GI 85	1,188	2,071	2,484	-	5,743
AFC 20-10	1,110	2,018	2,574	-	5,702
GI 87	1,110	2,121	2,402	-	5,633
AFC 20-40	624	2,531	2,475	-	5,630
GI 88	997	2,254	2,319	-	5,570
GA WA HRC3	864	2,332	2,316	-	5,512
GI 90	1,021	2,151	2,328	-	5,500
NF 73	1,248	1,919	2,280	-	5,447
MGI 30-30	1,062	2,111	2,260	-	5,432
NF 142	1,180	1,927	2,198	-	5,305
FORAGER	1,164	1,802	2,265	-	5,231
WREN'S ABRUZZI AL	858	2,212	1,953	-	5,023
FLORIDA 402	1,023	1,735	2,241	-	4,998
UNDERWOOD EXP 425	1,100	1,310	2,546	-	4,955
WREN'S ABRUZZI	1,261	1,726	1,798	-	4,784
GA WA C3E	1,237	1,474	1,928	-	4,639
FLORIDA 401	1,172	626	2,028	-	3,827
TEST MEAN	1,127	2,023	2,416	-	5,565
C. V. (%)	15	10	12	-	8
L. S. D (.10)	225	268	381	-	606

CONTINUED

TABLE 22. SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>TRITICALE</u>					
STAN II	588	2,736	2,428	-	5,751
COUNCIL	1,008	2,425	2,162	-	5,594
MORRISON	894	2,550	2,138	-	5,582
THOMAS	633	2,414	2,022	-	5,069
STAN I	847	2,082	1,544	-	4,474
VICTORIA	1,293	1,014	1,585	-	3,891
SUNLAND	944	1,485	1,264	-	3,693
BEAGLE 82	956	945	1,474	-	3,374
JENKINS	1,142	471	1,248	-	2,860
FLORIDA 201	1,311	229	562	-	2,102
TEST MEAN	961	1,635	1,643	-	4,239
C. V. (%)	14	15	15	-	8
L. S. D (.10)	185	343	355	-	498

TABLE 23. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS,
 RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF
 COAST SUBSTATION, FAIRHOPE, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
OATS					
CITATION	1,746	1,798	2,367	-	5,912
COKER 227	1,622	2,042	2,093	-	5,757
833	1,157	2,223	2,055	-	5,436
FFR SF7630	1,028	2,272	1,976	-	5,275
COKER 820	1,923	1,049	2,188	-	5,160
SIMPSON	932	2,122	1,787	-	4,840
COKER 716	1,010	1,881	1,756	-	4,646
FLORIDA 502	1,215	1,488	1,897	-	4,601
FLORIDA 501	1,572	992	1,349	-	3,913
RYE					
WINTERGRAZER 70	1,857	1,996	1,419	-	5,272
BONEL	1,719	1,845	1,588	-	5,152
MATON	1,575	1,910	1,663	-	5,148
GI 87X	1,716	1,871	1,509	-	5,096
ELBON	1,655	1,860	1,512	-	5,028
NF 73	1,848	1,653	1,454	-	4,955
GI 85	1,739	1,721	1,464	-	4,924
AFC 20-10	1,700	1,641	1,571	-	4,912
DOSSCO GRAZER II	1,407	1,859	1,641	-	4,907
AFC 20-20	1,578	1,879	1,439	-	4,896
GURLEY'S GRAZER 2000	1,572	1,815	1,498	-	4,884
GI 87	1,545	1,819	1,484	-	4,848
GI 88	1,576	1,839	1,417	-	4,833
GI 90	1,584	1,837	1,399	-	4,821
AFC 20-40	1,282	2,010	1,519	-	4,812
NF 142	1,658	1,739	1,408	-	4,805
UNDERWOOD EXP 845	1,719	1,346	1,558	-	4,623
FORAGER	1,768	1,489	1,341	-	4,598
WREN'S ABRUZZI	1,830	1,571	1,128	-	4,530
MGI 30-30	1,310	1,805	1,292	-	4,407
FLORIDA 402	1,474	1,546	1,270	-	4,289
UNDERWOOD EXP 425	1,739	1,027	1,423	-	4,189
FLORIDA 401	1,691	598	1,152	-	3,441
TRITICALE					
STAN II	989	2,329	1,389	-	4,707
MORRISON	1,332	1,962	1,145	-	4,439
COUNCIL	1,426	1,764	1,081	-	4,271
THOMAS	1,120	1,911	1,011	-	4,042
SUNLAND	1,842	981	632	-	3,455
STAN I	1,146	1,505	772	-	3,424
VICTORIA	1,664	703	792	-	3,160
BEAGLE 82	1,714	673	737	-	3,124
FLORIDA 201	1,676	203	281	-	2,160
JENKINS	739	666	624	-	2,029

TABLE 24. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF OATS, RYE, AND TRITICALE VARIETIES CUT AS FORAGE AT GULF COAST SUBSTATION, FAIRHOPE, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY	LATE	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>SPRING</u> <u>LB.</u>	<u>SPRING</u> <u>LB.</u>	<u>LB.</u>
<u>OATS</u>					
COKER 227	1,081	1,826	2,668	718	6,293
CITATION	1,164	1,702	2,630	601	6,096
833	772	1,994	2,491	604	5,861
COKER 820	1,282	1,322	2,633	580	5,817
SIMPSON	621	1,855	2,322	546	5,344
COKER 716	673	1,606	2,349	508	5,136
FLORIDA 502	810	1,505	2,201	561	5,077
FLORIDA 501	1,048	1,257	1,900	552	4,757
<u>RYE</u>					
WINTERGRAZER 70	1,238	1,948	1,718	-	4,904
MATON	1,050	1,845	1,940	-	4,835
BONEL	1,146	1,872	1,799	-	4,817
NF 73	1,232	1,764	1,689	-	4,685
ELBON	1,103	1,858	1,695	-	4,656
GI 87X	1,144	1,760	1,722	-	4,626
NF 142	1,105	1,818	1,690	-	4,613
AFC 20-20	1,052	1,851	1,617	-	4,519
AFC 20-10	1,133	1,712	1,660	-	4,505
GI 85	1,159	1,726	1,620	-	4,505
DOSSCO GRAZER II	938	1,827	1,695	-	4,461
GI 88	1,051	1,759	1,631	-	4,440
GURLEY'S GRAZER 2000	1,048	1,778	1,520	-	4,346
FORAGER	1,179	1,685	1,447	-	4,312
UNDERWOOD EXP 845	1,146	1,407	1,611	-	4,164
WREN'S ABRUZZI	1,220	1,659	1,258	-	4,137
UNDERWOOD EXP 425	1,159	1,286	1,552	-	3,998
FLORIDA 402	983	1,649	1,363	-	3,995
FLORIDA 401	1,127	902	1,154	-	3,183
<u>TRITICALE</u>					
MORRISON	888	1,690	1,937	-	4,515
COUNCIL	950	1,792	1,678	-	4,421
THOMAS	747	1,728	1,736	-	4,210
STAN I	764	1,484	1,532	-	3,781
BEAGLE 82	1,143	1,093	1,045	-	3,281
JENKINS	493	444	1,648	-	2,585
FLORIDA 201	1,117	701	676	-	2,495

TABLE 25. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
SALUDA	352	1,934	1,386	-	3,672
PIONEER 2555	333	1,829	1,445	-	3,607
STACY	517	2,154	898	-	3,569
PIONEER 2551	335	1,808	1,405	-	3,549
WILLIAMS	479	1,967	919	-	3,365
PIONEER 2548	259	1,918	1,169	-	3,346
TRAVELER	429	2,168	743	-	3,341
TERRAL 101	380	2,065	724	-	3,170
FLORIDA 301	522	1,797	825	-	3,144
FLORIDA 302	417	2,113	589	-	3,119
COMPTON	196	1,479	1,416	-	3,091
MCNAIR 1003	428	1,908	668	-	3,004
MASSEY	362	2,121	493	-	2,976
CALDWELL	217	1,431	1,304	-	2,953
COKER 9766	324	2,020	459	-	2,803
COKER 9733	390	1,913	457	-	2,760
COKER 9323	348	1,749	608	-	2,706
FILLMORE	347	1,299	1,032	-	2,679
FLORIDA 303	462	1,289	757	-	2,508
TEST MEAN	374	1,840	910	-	3,124
C. V. (%)	17	9	10	-	8
L. S. D (.10)	87	227	127	-	351
<u>OATS</u>					
833	369	2,132	2,367	-	4,868
FFR SF7630	389	1,976	2,349	-	4,714
CITATION	597	1,610	2,484	-	4,691
COKER 227	442	2,018	2,166	-	4,625
AR 102-S	333	2,083	2,188	-	4,604
COKER 716	294	1,841	2,366	-	4,501
COKER 820	627	1,288	2,511	-	4,426
SIMPSON	357	1,642	1,980	-	3,979
BOB	540	1,358	1,579	-	3,477
FLORIDA 502	351	893	1,907	-	3,151
FLORIDA 501	701	439	560	-	1,700
TEST MEAN	455	1,571	2,041	-	4,067
C. V. (%)	23	16	22	-	15
L. S. D (.10)	145	347	642	-	836

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TABLE 25. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
 VARIETIES CUT AS FORAGE AT BREWTON FIELD,
 BREWTON, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>RYE</u>					
AFC 20-10	982	1,852	1,901	-	4,735
AFC 20-30	771	1,994	1,946	-	4,712
GA WA HRC3	730	2,202	1,761	-	4,694
GI 87X	823	2,074	1,761	-	4,658
FLORIDA 402	640	2,186	1,810	-	4,635
CAROLINA MAGIC	895	1,808	1,825	-	4,528
MATON	902	1,758	1,868	-	4,528
DOSSCO GRAZER II	642	2,022	1,863	-	4,528
GI 87	783	2,066	1,658	-	4,508
WINTERGRAZER 70	1,048	1,809	1,637	-	4,494
AFC 20-40	642	1,920	1,888	-	4,450
ELBON	1,013	1,676	1,684	-	4,372
GI 88	755	1,925	1,686	-	4,365
GI 2000X	884	1,884	1,584	-	4,353
GI 90	839	1,858	1,644	-	4,341
GURLEY'S GRAZER 2000	706	1,943	1,627	-	4,277
GA WA C3L	1,102	1,483	1,680	-	4,265
UNDERWOOD EXP 845	899	1,367	1,980	-	4,246
FORAGER	888	1,735	1,622	-	4,245
GA WA C3E	915	1,621	1,694	-	4,230
BONEL	984	1,604	1,610	-	4,199
NF 73	859	1,731	1,573	-	4,163
WREN'S ABRUZZI AL	739	1,887	1,501	-	4,127
UNDERWOOD EXP 425	985	1,162	1,972	-	4,119
MGI 30-30	758	1,796	1,562	-	4,116
NF 142	932	1,586	1,590	-	4,108
GI 85	668	1,937	1,493	-	4,097
AFC 20-20	724	1,772	1,531	-	4,027
WREN'S ABRUZZI	963	1,612	1,420	-	3,995
FLORIDA 401	993	405	1,788	-	3,186
TEST MEAN	849	1,756	1,705	-	4,310
C. V. (%)	18	10	14	-	10
L. S. D (.10)	211	249	323	-	573

TABLE 26. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON
FIELD, BREWTON, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
WHEAT					
MCNAIR 1003	728	2,031	1,097	-	3,856
STACY	700	1,820	1,260	-	3,780
PIONEER 2555	512	1,600	1,629	-	3,740
MASSEY	617	2,047	890	-	3,554
PIONEER 2551	551	1,561	1,437	-	3,550
WILLIAMS	784	1,828	931	-	3,543
TRAVELER	807	2,151	372	-	3,329
COKER 9766	753	1,992	566	-	3,311
COMPTON	510	1,258	1,438	-	3,206
SALUDA	639	1,558	915	-	3,112
CALDWELL	535	1,233	1,320	-	3,088
FLORIDA 302	740	1,740	294	-	2,775
FILLMORE	588	1,128	1,036	-	2,752
FLORIDA 301	873	1,262	412	-	2,547
COKER 9323	570	1,243	304	-	2,117
FLORIDA 303	690	1,031	379	-	2,100
OATS					
833	661	2,097	2,421	-	5,180
CITATION	801	1,667	2,569	-	5,036
COKER 716	495	1,723	2,548	-	4,767
COKER 227	654	1,892	2,156	-	4,702
FFR SF7630	552	1,841	2,285	-	4,678
COKER 820	881	1,610	2,107	-	4,598
SIMPSON	593	1,645	2,235	-	4,474
FLORIDA 502	623	1,280	1,854	-	3,757
FLORIDA 501	837	927	1,208	-	2,972

CONTINUED

TABLE 26. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON
FIELD, BREWTON, ALABAMA, 1989-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>RYE</u>					
GI 87X	1,104	2,169	1,590	-	4,864
MATON	1,196	1,968	1,501	-	4,813
WINTERGRAZER 70	1,271	2,040	1,501	-	4,812
GI 90	1,189	2,124	1,429	-	4,743
GI 87	1,156	2,162	1,422	-	4,739
AFC 20-10	1,202	1,967	1,551	-	4,720
BONEL	1,220	1,930	1,566	-	4,717
ELBON	1,291	1,937	1,479	-	4,707
DOSSCO GRAZER II	1,034	1,985	1,569	-	4,588
NF 73	1,098	2,074	1,414	-	4,586
GURLEY'S GRAZER 2000	1,019	2,092	1,436	-	4,547
AFC 20-40	1,097	1,925	1,522	-	4,544
UNDERWOOD EXP 425	1,355	1,390	1,784	-	4,529
GI 88	1,068	1,996	1,454	-	4,519
FLORIDA 402	921	2,157	1,373	-	4,452
UNDERWOOD EXP 845	1,115	1,480	1,797	-	4,392
NF 142	1,056	1,841	1,490	-	4,386
AFC 20-20	1,015	1,972	1,384	-	4,371
MGI 30-30	1,062	1,922	1,346	-	4,330
WREN'S ABRUZZI	1,242	1,832	1,202	-	4,275
GI 85	1,011	1,973	1,212	-	4,195
FORAGER	1,219	1,854	1,082	-	4,155
FLORIDA 401	1,276	781	1,157	-	3,213

TABLE 27. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT BREWTON FIELD, BREWTON, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
STACY	808	1,630	1,647	-	4,085
WILLIAMS	966	1,734	1,350	-	4,050
MCNAIR 1003	790	1,918	1,210	-	3,917
MASSEY	686	2,004	1,138	-	3,829
PIONEER 2551	607	1,346	1,820	-	3,772
SALUDA	728	1,404	1,553	-	3,686
COKER 9766	847	1,888	808	-	3,543
COMPTON	505	1,078	1,763	-	3,346
CALDWELL	590	1,062	1,525	-	3,178
FLORIDA 302	820	1,749	576	-	3,145
FILLMORE	563	1,071	1,425	-	3,058
FLORIDA 301	983	1,191	652	-	2,826
<u>OATS</u>					
833	779	1,904	2,305	-	4,989
CITATION	955	1,553	2,460	-	4,968
COKER 716	663	1,593	2,561	-	4,817
COKER 227	711	1,827	2,207	-	4,745
SIMPSON	810	1,525	2,402	-	4,737
COKER 820	1,068	1,531	2,059	-	4,659
FLORIDA 502	832	1,314	1,863	-	4,009
FLORIDA 501	996	1,062	1,454	-	3,512
<u>RYE</u>					
GI 87X	1,144	2,062	1,633	-	4,838
MATON	1,222	1,805	1,768	-	4,795
GI 87	1,201	2,080	1,483	-	4,763
WINTERGRAZER 70	1,253	1,893	1,566	-	4,712
NF 73	1,193	1,945	1,559	-	4,696
ELBON	1,253	1,836	1,586	-	4,675
BONEL	1,192	1,786	1,693	-	4,670
DOSSCO GRAZER II	1,189	1,934	1,514	-	4,636
AFC 20-10	1,253	1,860	1,515	-	4,628
GI 88	1,096	1,916	1,492	-	4,504
NF 142	1,166	1,732	1,585	-	4,483
GURLEY'S GRAZER 2000	1,093	1,975	1,358	-	4,425
UNDERWOOD EXP 425	1,434	1,363	1,627	-	4,424
UNDERWOOD EXP 845	1,207	1,477	1,734	-	4,418
GI 85	1,101	1,909	1,342	-	4,352
AFC 20-20	1,145	1,856	1,317	-	4,318
WREN'S ABRUZZI	1,357	1,821	1,107	-	4,286
FLORIDA 402	984	2,032	1,262	-	4,279
FORAGER	1,233	1,833	1,078	-	4,144
FLORIDA 401	1,417	859	1,193	-	3,468

TABLE 28. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
WILLIAMS	731	3,258	2,164	-	6,153
CALDWELL	428	2,470	3,090	-	5,988
PIONEER 2551	377	2,720	2,614	-	5,712
SALUDA	403	2,811	2,476	-	5,690
MCNAIR 1003	488	3,029	2,144	-	5,661
MASSEY	414	3,128	2,030	-	5,572
STACY	553	3,000	1,924	-	5,477
PIONEER 2548	317	3,091	1,968	-	5,376
PIONEER 2555	260	2,506	2,596	-	5,363
COMPTON	303	2,159	2,820	-	5,282
FILLMORE	298	1,534	3,203	-	5,035
COKER 9766	322	2,944	1,743	-	5,008
FLORIDA 302	419	2,561	1,781	-	4,761
COKER 9323	450	2,651	1,594	-	4,695
TRAVELER	433	2,595	1,598	-	4,625
TERRAL 101	235	2,489	1,815	-	4,538
FLORIDA 301	491	2,315	1,666	-	4,472
COKER 9733	491	2,274	1,418	-	4,183
FLORIDA 303	378	1,835	1,516	-	3,729
TEST MEAN	410	2,598	2,114	-	5,122
C. V. (%)	32	16	14	-	10
L. S. D (. 10)	183	578	407	-	716
<u>OATS</u>					
SIMPSON	472	2,073	3,043	-	5,589
COKER 227	489	2,248	2,790	-	5,528
833	425	2,258	2,784	-	5,468
FFR SF7630	461	2,053	2,842	-	5,356
COKER 716	442	1,971	2,911	-	5,325
AR 102-S	398	1,940	2,645	-	4,983
CITATION	661	1,302	2,916	-	4,879
COKER 820	1,069	830	2,868	-	4,767
BOB	643	1,425	2,679	-	4,747
FLORIDA 502	538	509	2,333	-	3,380
FLORIDA 501	963	109	1,766	-	2,838
TEST MEAN	596	1,520	2,689	-	4,805
C. V. (%)	22	12	18	-	11
L. S. D (. 10)	182	259	665	-	723

CONTINUED

TABLE 28. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD,
MONROEVILLE, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>RYE</u>					
MATON	751	2,054	3,302	-	6,106
GA WA HRC3	786	2,794	2,462	-	6,042
GURLEY'S GRAZER 2000	875	2,472	2,624	-	5,970
AFC 20-40	726	2,624	2,573	-	5,924
GI 88	814	2,465	2,558	-	5,837
AFC 20-10	841	2,441	2,555	-	5,837
AFC 20-20	779	2,498	2,552	-	5,829
WREN'S ABRUZZI	1,198	2,292	2,319	-	5,809
BONEL	794	2,370	2,635	-	5,799
GI 85	808	2,591	2,385	-	5,784
AFC 20-30	648	2,508	2,618	-	5,774
WINTERGRAZER 70	929	2,249	2,568	-	5,746
MGI 30-30	755	2,386	2,581	-	5,722
GI 87	954	2,348	2,419	-	5,721
DOSSCO GRAZER II	712	2,485	2,516	-	5,713
ELBON	853	2,462	2,395	-	5,710
NF 73	893	2,058	2,681	-	5,631
FORAGER	849	2,391	2,378	-	5,619
GI 87X	664	2,371	2,575	-	5,610
FLORIDA 402	601	2,668	2,324	-	5,594
CAROLINA MAGIC	695	2,088	2,743	-	5,527
WREN'S ABRUZZI AL	634	2,619	2,232	-	5,485
GI 90	740	2,424	2,321	-	5,485
GI 2000X	744	2,322	2,380	-	5,445
NF 142	905	2,023	2,516	-	5,445
GA WA C3L	846	2,091	2,368	-	5,305
UNDERWOOD EXP 845	884	2,111	2,306	-	5,301
UNDERWOOD EXP 425	1,020	1,744	2,394	-	5,157
GA WA C3E	896	2,073	2,173	-	5,141
FLORIDA 401	1,064	930	2,058	-	4,052
TEST MEAN	822	2,298	2,484	-	5,604
C. V. (%)	18	11	9	-	7
L. S. D (.10)	203	343	310	-	571

TABLE 29. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE
FIELD, MONROEVILLE, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
WHEAT					
PIONEER 2555	1,019	2,229	2,707	-	5,955
PIONEER 2551	1,250	2,305	2,334	-	5,890
STACY	1,407	2,408	1,924	-	5,739
WILLIAMS	1,469	2,575	1,564	-	5,609
SALUDA	1,308	2,124	2,029	-	5,461
MCNAIR 1003	1,300	2,465	1,489	-	5,254
COMPTON	1,216	1,723	2,240	-	5,179
MASSEY	1,279	2,633	1,110	-	5,022
CALDWELL	1,095	1,648	2,206	-	4,950
COKER 9766	1,216	2,502	1,054	-	4,773
FILLMORE	1,097	1,211	1,994	-	4,302
TRAVELER	926	1,811	1,061	-	3,797
FLORIDA 302	968	1,789	890	-	3,647
FLORIDA 301	1,098	1,632	833	-	3,563
FLORIDA 303	937	1,443	930	-	3,310
COKER 9323	769	1,703	797	-	3,269
OATS					
COKER 227	1,427	2,048	2,451	-	5,926
833	1,070	2,202	2,373	-	5,645
CITATION	1,370	1,635	2,455	-	5,459
FFR SF7630	1,293	1,868	2,297	-	5,458
SIMPSON	1,061	1,724	2,421	-	5,206
COKER 820	1,700	1,368	2,105	-	5,173
COKER 716	996	1,676	2,319	-	4,990
FLORIDA 502	1,373	1,001	1,822	-	4,196
FLORIDA 501	1,469	617	1,141	-	3,227

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TABLE 29. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE
FIELD, MONROEVILLE, ALABAMA, 1989-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>RYE</u>					
MATON	1,550	1,769	2,802	-	6,121
GI 88	1,502	2,151	2,261	-	5,913
NF 73	1,636	1,888	2,369	-	5,892
GURLEY'S GRAZER 2000	1,601	2,134	2,137	-	5,873
GI 85	1,539	2,264	2,029	-	5,833
BONEL	1,533	2,024	2,264	-	5,821
AFC 20-20	1,475	2,243	2,092	-	5,810
GI 87	1,759	2,070	1,979	-	5,808
WREN'S ABRUZZI	1,855	2,155	1,788	-	5,799
NF 142	1,663	1,828	2,252	-	5,743
GI 87X	1,448	2,106	2,180	-	5,734
AFC 20-40	1,521	2,078	2,102	-	5,700
AFC 20-10	1,588	1,954	2,146	-	5,688
WINTERGRAZER 70	1,564	1,945	2,177	-	5,686
ELBON	1,605	2,052	1,978	-	5,635
FLORIDA 402	1,419	2,463	1,710	-	5,593
DOSSCO GRAZER II	1,417	1,929	2,206	-	5,552
MGI 30-30	1,502	1,920	2,110	-	5,533
GI 90	1,410	2,100	2,007	-	5,517
FORAGER	1,604	2,121	1,779	-	5,504
UNDERWOOD EXP 845	1,582	1,770	1,859	-	5,211
UNDERWOOD EXP 425	1,707	1,557	1,898	-	5,161
FLORIDA 401	1,768	1,090	1,326	-	4,185

TABLE 30. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT MONROEVILLE FIELD, MONROEVILLE, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
<u>WHEAT</u>					
SALUDA	872	2,003	1,846	1,160	5,881
PIONEER 2551	833	2,020	1,947	1,056	5,856
WILLIAMS	979	2,437	1,653	734	5,804
STACY	938	2,082	1,796	708	5,524
COMPTON	811	1,545	1,850	1,063	5,269
MCNAIR 1003	867	2,334	1,574	389	5,163
MASSEY	853	2,385	1,343	438	5,019
COKER 9766	811	2,297	1,299	399	4,806
CALDWELL	730	1,365	1,668	988	4,752
FILLMORE	731	979	1,624	861	4,195
FLORIDA 302	645	1,887	1,200	372	4,104
FLORIDA 301	732	1,908	982	391	4,013
<u>OATS</u>					
COKER 227	951	1,692	2,144	917	5,705
CITATION	913	1,436	2,194	887	5,430
COKER 820	1,133	1,533	1,844	755	5,266
SIMPSON	707	1,513	2,002	1,002	5,224
833	714	1,736	1,990	726	5,165
COKER 716	664	1,467	1,907	1,060	5,097
FLORIDA 502	915	1,190	1,609	821	4,535
FLORIDA 501	979	801	1,045	689	3,515
<u>RYE</u>					
GI 87	1,173	2,240	1,969	496	5,877
WREN'S ABRUZZI	1,237	2,437	1,752	340	5,766
GI 85	1,026	1,940	2,233	410	5,608
MATON	1,033	1,552	2,448	561	5,594
GURLEY'S GRAZER 2000	1,068	1,940	2,123	411	5,541
GI 88	1,001	1,897	2,188	427	5,513
NF 73	1,090	1,723	2,169	526	5,508
GI 87X	965	1,818	2,138	562	5,483
ELBON	1,070	1,949	1,939	511	5,468
AFC 20-10	1,059	1,934	2,056	415	5,463
BONEL	1,022	1,789	2,079	511	5,400
DOSSCO GRAZER II	945	1,911	2,123	420	5,398
NF 142	1,109	1,812	1,986	477	5,383
AFC 20-20	984	1,955	2,009	357	5,304
FORAGER	1,070	2,012	1,837	368	5,287
WINTERGRAZER 70	1,043	1,707	2,028	436	5,214
FLORIDA 402	946	2,139	1,720	354	5,159
UNDERWOOD EXP 845	1,054	1,724	1,850	466	5,094
UNDERWOOD EXP 425	1,138	1,519	1,741	338	4,735
FLORIDA 401	1,179	1,339	1,184	276	3,977

TABLE 31. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
WILLIAMS	1,572	3,393	-	-	4,965
CALDWELL	776	2,472	815	-	4,062
MASSEY	1,066	2,923	-	-	3,988
SALUDA	1,100	2,880	-	-	3,980
COMPTON	747	2,592	604	-	3,943
MCNAIR 1003	1,089	2,833	-	-	3,922
PIONEER 2551	866	2,669	354	-	3,890
PIONEER 2555	838	2,805	216	-	3,859
COKER 9766	906	2,888	-	-	3,794
STACY	939	2,708	-	-	3,648
FILLMORE	766	2,094	564	-	3,424
FLORIDA 302	760	2,544	-	-	3,304
COKER 9733	947	2,189	-	-	3,136
PIONEER 2548	575	2,535	-	-	3,111
TERRAL 101	768	2,182	-	-	2,951
TRAVELER	764	1,982	-	-	2,746
COKER 9323	741	1,802	-	-	2,543
FLORIDA 301	1,062	1,467	-	-	2,529
FLORIDA 303	986	1,283	-	-	2,269
TEST MEAN	909	2,434	511	-	3,477
C. V. (%)	33	15	9	-	16
L. S. D (. 10)	410	505	80	-	784
<u>OATS</u>					
CITATION	1,437	4,001	1,388	-	6,826
SIMPSON	984	3,858	1,703	-	6,546
833	1,225	3,788	1,141	-	6,154
FFR SF7630	1,250	3,796	1,024	-	6,069
COKER 820	1,654	2,963	1,155	-	5,773
AR 102-S	766	3,503	1,472	-	5,741
COKER 227	581	3,657	1,351	-	5,589
BOB	1,283	3,156	1,008	-	5,447
COKER 716	1,071	3,387	986	-	5,444
FLORIDA 501	1,391	2,902	1,070	-	5,364
FLORIDA 502	1,128	3,120	1,077	-	5,326
TEST MEAN	1,161	3,466	1,216	-	5,843
C. V. (%)	31	11	26	-	10
L. S. D (. 10)	512	540	442	-	817

CONTINUED

TABLE 31. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION,
HEADLAND, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>
<u>RYE</u>					
CAROLINA MAGIC	2,189	3,650	1,583	-	7,422
AFC 20-40	1,649	3,882	1,774	-	7,305
NF 73	2,059	3,589	1,638	-	7,287
GI 87	1,978	3,912	1,241	-	7,131
GA WA C3L	2,233	3,715	1,146	-	7,095
DOSSCO GRAZER II	1,499	4,180	1,300	-	6,978
WREN'S ABRUZZI	2,088	3,752	1,019	-	6,859
GA WA HRC3	1,947	3,561	1,294	-	6,802
UNDERWOOD EXP 845	2,723	2,667	1,395	-	6,784
ELBON	1,599	3,929	1,203	-	6,731
BONEL	1,615	3,591	1,439	-	6,645
GURLEY'S GRAZER 2000	2,056	3,442	1,123	-	6,621
WINTERGRAZER 70	1,224	3,803	1,516	-	6,543
GI 90	1,388	4,049	1,070	-	6,506
FORAGER	2,329	3,132	966	-	6,427
UNDERWOOD EXP 425	2,216	3,051	1,135	-	6,402
GI 85	1,487	3,480	1,184	-	6,151
GI 2000X	1,305	3,643	1,187	-	6,134
FLORIDA 401	2,599	2,498	1,010	-	6,108
AFC 20-30	1,474	3,568	1,040	-	6,082
MATON	1,276	3,501	1,303	-	6,080
GI 87X	1,096	3,562	1,361	-	6,018
FLORIDA 402	1,461	3,351	1,205	-	6,017
MGI 30-30	1,240	3,715	1,055	-	6,010
GA WA C3E	1,737	3,224	1,015	-	5,976
WREN'S ABRUZZI AL	1,601	3,304	1,016	-	5,922
NF 142	1,404	2,997	1,357	-	5,758
AFC 20-20	1,324	3,213	1,080	-	5,617
AFC 20-10	1,256	3,235	1,107	-	5,598
GI 88	1,187	3,346	973	-	5,507
TEST MEAN	1,708	3,485	1,225	-	6,417
C. V. (%)	32	13	25	-	13
L. S. D (.10)	738	600	411	-	1,151

TABLE 32. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS
SUBSTATION, HEADLAND, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
WILLIAMS	1,901	2,319	1,463	-	5,684
PIONEER 2551	1,431	1,818	1,349	-	4,598
PIONEER 2555	1,305	1,808	1,481	-	4,594
MCNAIR 1003	1,526	1,952	1,062	-	4,540
MASSEY	1,508	1,950	951	-	4,409
COKER 9766	1,280	2,039	1,066	-	4,385
STACY	1,233	1,798	1,154	-	4,184
CALDWELL	1,533	1,575	930	-	4,038
SALUDA	1,246	1,735	526	-	3,506
FILLMORE	1,371	1,420	536	-	3,327
COMPTON	921	1,502	843	-	3,267
FLORIDA 301	1,742	1,270	252	-	3,264
TRAVELER	1,079	1,383	792	-	3,255
FLORIDA 302	887	1,569	631	-	3,087
COKER 9323	1,228	1,201	605	-	3,035
FLORIDA 303	1,144	1,171	222	-	2,537
<u>OATS</u>					
CITATION	1,737	2,677	2,464	-	6,878
COKER 820	2,339	2,140	2,119	-	6,598
833	1,737	2,527	2,020	-	6,284
FFR SF7630	1,495	2,403	2,324	-	6,221
FLORIDA 502	2,112	2,195	1,903	-	6,211
FLORIDA 501	1,913	2,201	2,055	-	6,168
COKER 227	1,243	2,441	2,469	-	6,153
SIMPSON	1,503	2,379	2,117	-	5,998
COKER 716	1,652	2,154	2,124	-	5,931

CONTINUED

TABLE 32. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS
SUBSTATION, HEADLAND, ALABAMA, 1989-90

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	
<u>RYE</u>					
DOSSCO GRAZER II	2,119	2,750	2,277	-	7,146
NF 73	2,399	2,389	2,308	-	7,096
AFC 20-40	2,218	2,489	2,327	-	7,034
FORAGER	2,409	2,506	1,994	-	6,909
WREN'S ABRUZZI	2,027	2,945	1,900	-	6,872
GI 87	1,768	2,823	2,273	-	6,864
FLORIDA 401	3,216	2,322	1,290	-	6,828
MGI 30-30	1,797	2,792	2,192	-	6,782
UNDERWOOD EXP 845	3,200	1,912	1,626	-	6,739
GI 87X	1,830	2,542	2,348	-	6,720
FLORIDA 402	2,269	2,533	1,894	-	6,697
WINTERGRAZER 70	1,817	2,442	2,429	-	6,689
GI 90	1,853	2,820	2,015	-	6,688
ELBON	1,959	2,435	2,230	-	6,624
GURLEY'S GRAZER 2000	2,480	2,250	1,887	-	6,618
GI 85	2,132	2,337	2,052	-	6,522
MATON	1,790	2,228	2,493	-	6,511
NF 142	1,521	2,104	2,867	-	6,493
UNDERWOOD EXP 425	2,637	2,425	1,403	-	6,465
AFC 20-20	2,127	2,186	2,049	-	6,363
BONEL	1,629	2,317	2,396	-	6,343
AFC 20-10	2,121	2,131	2,015	-	6,267
GI 88	1,605	2,171	1,804	-	5,580

TABLE 33. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE VARIETIES CUT AS FORAGE AT WIREGRASS SUBSTATION, HEADLAND, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
WILLIAMS	1,923	2,493	1,723	-	6,138
STACY	1,554	1,892	1,864	-	5,310
MCNAIR 1003	1,623	2,345	1,231	-	5,198
PIONEER 2551	1,356	1,833	1,848	-	5,037
MASSEY	1,567	2,247	1,122	-	4,936
COKER 9766	1,298	2,220	1,246	-	4,763
SALUDA	1,327	1,695	1,312	-	4,333
CALDWELL	1,378	1,285	1,664	-	4,327
COMPTON	1,013	1,336	1,817	-	4,166
FLORIDA 301	1,614	1,756	547	-	3,917
FILLMORE	1,417	1,336	1,105	-	3,858
FLORIDA 302	958	1,790	937	-	3,685
<u>OATS</u>					
CITATION	1,809	2,779	2,527	-	7,116
COKER 820	2,186	2,416	2,272	-	6,873
COKER 227	1,200	2,658	2,788	-	6,646
FLORIDA 502	1,919	2,454	2,261	-	6,634
FLORIDA 501	1,944	2,235	2,126	-	6,304
833	1,568	2,605	1,978	-	6,152
SIMPSON	1,416	2,287	2,349	-	6,051
COKER 716	1,462	2,033	2,268	-	5,764
<u>RYE</u>					
GI 87	1,835	3,235	2,328	-	7,398
WINTERGRAZER 70	1,830	2,602	2,883	-	7,315
DOSSCO GRAZER II	2,057	2,785	2,394	-	7,236
NF 73	2,119	2,454	2,601	-	7,174
WREN'S ABRUZZI	2,001	3,009	2,071	-	7,082
MATON	1,596	2,335	3,063	-	6,993
FORAGER	2,176	2,892	1,924	-	6,993
FLORIDA 402	2,117	2,797	2,014	-	6,929
UNDERWOOD EXP 845	2,871	2,174	1,810	-	6,855
UNDERWOOD EXP 425	2,535	2,610	1,659	-	6,804
FLORIDA 401	3,053	2,244	1,497	-	6,794
NF 142	1,542	2,136	3,097	-	6,775
GI 85	2,174	2,535	2,051	-	6,761
GI 87X	1,737	2,651	2,346	-	6,734
GURLEY'S GRAZER 2000	2,172	2,545	2,004	-	6,722
AFC 20-20	2,025	2,426	2,217	-	6,668
ELBON	1,761	2,364	2,495	-	6,620
BONEL	1,558	2,236	2,774	-	6,567
AFC 20-10	1,955	2,261	2,101	-	6,316
GI 88	1,526	2,470	1,972	-	5,968

TABLE 34. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
 VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN
 SUBSTATION, CAMDEN, ALABAMA, 1990

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL LB.
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	LB.	LB.	LB.	LB.	
<u>WHEAT</u>					
TERRAL 101	419	1,365	1,276	-	3,060
FLORIDA 302	610	1,166	1,256	-	3,032
MCNAIR 1003	471	1,237	1,307	-	3,016
CALDWELL	251	802	1,906	-	2,959
WILLIAMS	733	1,199	992	-	2,924
MASSEY	445	1,444	1,015	-	2,903
COKER 9766	543	1,217	976	-	2,736
TRAVELER	556	1,099	1,074	-	2,729
PIONEER 2548	214	1,178	1,306	-	2,698
PIONEER 2555	201	1,303	1,152	-	2,655
SALUDA	323	898	1,431	-	2,652
COKER 9733	530	1,151	933	-	2,615
FLORIDA 303	630	749	1,030	-	2,410
PIONEER 2551	273	825	1,311	-	2,409
STACY	327	1,209	833	-	2,369
COMPTON	188	690	1,466	-	2,344
FILLMORE	74	589	1,512	-	2,175
FLORIDA 301	505	764	863	-	2,132
COKER 9323	375	839	833	-	2,047
TEST MEAN	404	1,038	1,183	-	2,625
C. V. (%)	39	12	21	-	15
L. S. D (.10)	217	171	340	-	529
<u>OATS</u>					
COKER 716	415	1,261	2,016	-	3,692
CITATION	769	1,241	1,620	-	3,630
AR 102-S	488	1,361	1,601	-	3,450
COKER 227	471	1,416	1,509	-	3,396
SIMPSON	514	1,220	1,644	-	3,378
FFR SF7630	455	1,426	1,487	-	3,368
833	417	1,334	1,527	-	3,278
COKER 820	796	1,301	1,147	-	3,244
FLORIDA 501	512	1,168	1,218	-	2,898
BOB	542	1,220	1,116	-	2,878
FLORIDA 502	373	1,006	1,393	-	2,773
TEST MEAN	523	1,269	1,480	-	3,271
C. V. (%)	24	13	13	-	11
L. S. D (.10)	176	225	279	-	505

CONTINUED

TABLE 34. SEASONAL DRY MATTER YIELD OF WHEAT, OATS, AND RYE
 VARIETIES CUT AS FORAGE AT LOWER COASTAL PLAIN
 SUBSTATION, CAMDEN, ALABAMA, 1990

CONTINUED

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	
RYE					
BONEL	723	1,432	1,734	-	3,888
GI 87	703	1,338	1,631	-	3,672
AFC 20-20	591	1,411	1,233	-	3,235
WREN'S ABRUZZI	864	1,133	1,217	-	3,214
GI 87X	702	1,258	1,241	-	3,202
GI 85	636	1,287	1,235	-	3,158
WINTERGRAZER 70	515	1,362	1,258	-	3,135
FORAGER	829	1,178	1,127	-	3,133
MATON	524	1,157	1,449	-	3,130
TEST MEAN	676	1,284	1,347	-	3,307
C. V. (%)	24	7	17	-	11
L. S. D (.10)	232	130	328	-	542

TABLE 35. TWO-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT,
OATS, AND RYE VARIETIES CUT AS FORAGE AT LOWER COASTAL
PLAIN SUBSTATION, CAMDEN, ALABAMA, 1989-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	TOTAL
	LB.	LB.	LB.	LB.	LB.
<u>WHEAT</u>					
FLORIDA 302	906	1,117	906	275	3,205
CALDWELL	547	611	1,754	252	3,163
WILLIAMS	878	1,016	1,051	137	3,082
SALUDA	717	770	1,380	155	3,022
MASSEY	694	1,206	936	171	3,007
MCNAIR 1003	593	962	1,140	174	2,869
STACY	661	966	1,125	117	2,868
PIONEER 2555	422	916	1,375	151	2,863
COKER 9766	670	973	882	261	2,786
TRAVELER	665	1,056	808	252	2,782
FLORIDA 303	907	978	614	187	2,686
COMPTON	431	493	1,505	156	2,586
FILLMORE	391	429	1,409	266	2,496
COKER 9323	702	929	644	185	2,461
PIONEER 2551	409	607	1,315	117	2,448
FLORIDA 301	762	910	562	195	2,429
<u>OATS</u>					
CITATION	1,313	1,203	1,355	491	4,363
COKER 716	1,021	1,008	1,852	358	4,240
COKER 227	1,077	1,168	1,459	399	4,102
COKER 820	1,376	1,257	970	452	4,055
FFR SF7630	934	1,106	1,628	337	4,005
SIMPSON	930	1,011	1,656	338	3,935
833	878	1,147	1,456	373	3,855
FLORIDA 501	1,028	1,042	967	422	3,459
FLORIDA 502	905	1,139	1,059	355	3,456
<u>RYE</u>					
BONEL	1,056	1,048	1,600	208	3,912
AFC 20-20	1,032	1,198	1,242	234	3,707
WINTERGRAZER 70	943	1,104	1,330	221	3,598
GI 87X	1,000	1,062	1,292	215	3,569
MATON	870	849	1,568	223	3,510
WREN'S ABRUZZI	1,122	1,021	1,044	276	3,463

TABLE 36. THREE-YEAR AVERAGE SEASONAL DRY MATTER YIELD OF WHEAT
AND OATS VARIETIES CUT AS FORAGE AT LOWER COASTAL
PLAIN SUBSTATION, CAMDEN, ALABAMA, 1988-90

BRAND-VARIETY	SEASONAL FORAGE YIELD/ACRE				TOTAL
	AUTUMN	WINTER	EARLY SPRING	LATE SPRING	
	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	<u>LB.</u>	
<u>WHEAT</u>					
SALUDA	478	1,271	1,829	304	3,882
WILLIAMS	585	1,587	1,483	195	3,850
FLORIDA 302	604	1,648	1,238	288	3,778
MASSEY	463	1,709	1,307	273	3,752
CALDWELL	364	897	2,022	397	3,680
STACY	441	1,415	1,544	237	3,637
COKER 9766	446	1,543	1,277	335	3,601
MCNAIR 1003	395	1,470	1,447	288	3,600
COMPTON	287	853	1,996	282	3,418
PIONEER 2551	273	1,070	1,737	316	3,396
FILLMORE	261	791	1,830	368	3,250
COKER 9323	468	1,483	992	249	3,192
FLORIDA 301	508	1,409	803	227	2,947
<u>OATS</u>					
COKER 716	681	1,395	2,079	507	4,663
SIMPSON	620	1,424	2,004	486	4,534
COKER 227	718	1,442	1,815	498	4,472
CITATION	875	1,404	1,570	544	4,393
COKER 820	917	1,597	1,292	563	4,369
833	585	1,523	1,654	437	4,199
FLORIDA 502	603	1,376	1,165	464	3,608
FLORIDA 501	685	1,234	1,045	556	3,520

VARIETIES RECOMMENDED FOR FORAGE ONLY

Variety recommendations for the three regions are based on 3-year regional averages of full-season forage yield in tables 2, 6, and 11. Varieties are listed in descending order of yield.

WHEAT

NORTH

Massey
Pioneer 2551
Saluda
Williams
Caldwell+
Stacy
McNair 1003
Fillmore
Compton*+
Pioneer 2555**

CENTRAL

Pioneer 2551
Williams
Saluda
Caldwell+
Stacy
Massey
McNair 1003*
Compton**

SOUTH

Williams
Stacy
Pioneer 2551+
McNair 1003
Saluda+
Massey
Coker 9766
Pioneer 2555***

OATS

NORTH

Coker 716
Coker 227
833
Citation*
Coker 820*

CENTRAL

Coker 227
Coker 716
Simpson
833
Citation
Coker 820*

SOUTH

Citation
Coker 227
Coker 820
833
Simpson

TRITICALE

NORTH

Council
Stan I
Morrison
Thomas

CENTRAL

Council
Stan I
Morrison
Thomas

SOUTH

Morrison
Council
Thomas
Stan I

BARLEY

NORTH

Wysor
Sussex
Keowee*

Continued

RYE

NORTH

Maton
Wintergrazer 70
Bonel
NF 142
NF 73
Elbon
AFC 20-20*

CENTRAL

GI 87
AFC 20-10
Wintergrazer 70
Maton
Gurley Grazer 2000
GI 85
Bonel
AFC 20-20
GI 87X
Elbon

SOUTH

GI 87
NF 73
Dossco Grazer II
Maton
Wintergrazer 70
Elbon
NF 142
GI 87X
Gurley Grazer 2000
Bonel
AFC 20-10
GI 85*
AFC 20-20*
AFC 20-40**

*If present trends continue, this variety will be removed from the recommended list for forage only next year in the region indicated.

**Conditionally recommended on 2 years' data.

For those who wish to harvest grain following grazing, varietal selection should be from those varieties recommended either for grain or for forage. Some varieties are recommended for both uses, but if not, the relative importance of forage or grain to the individual farmer should be the major consideration for varietal selection.

+Although these varieties produce high total forage yields, early season forage production may be low.

SOURCES OF SEED

WHEAT

Caldwell, Fillmore	Ag. Alumni Seed Impr. Assoc., Inc. Romney, Indiana
Bayles, GA-Andy, GA-Gore, GA-100	Georgia Experiment Station Experiment, Georgia
Coker (all varieties, brands and hybrids), McNair 1003	The New Northrup King Co. Memphis, Tennessee
Compton	Department of Agronomy, University of Kentucky Lexington, Kentucky
FFR 525W, FFR 544W, FFR 568W	FFR Cooperation West Lafayette, Indiana
Florida 301, Florida 301H, Florida 302, Florida 303	Univ. of Florida Agric. Res. Ctr. Quincy, Florida
Massey, Saluda, VA 85-52-24, VA 85-52-34	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Pioneer Brand 2548, 2551, and 2555	Pioneer Hi-Bred International, Inc. Tipton, Indiana
Stacy	Georgia Seed Development Comm. Athens, Georgia
Terral 101, Terral 312, Terral 817	Terral-Norris Seed Co. Lake Providence, Louisiana
Traveler	AgriPro Research Brookston, Indiana
Tyler	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Williams	South Carolina Crop Impr. Assoc. Clemson, South Carolina

OATS

AR 102-S, Bob

University of Arkansas
Fayetteville, Arkansas

Citation

Terral-Norris Seed Co.
Lake Providence, Louisiana

Coker (all varieties, brands
and hybrids)

The New Northrup King Co.
Grifton, North Carolina

FFR SS7630

FFR Cooperation
West Lafayette, Indiana

Florida 501, Florida 502

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

Simpson

South Carolina Crop Impr. Assoc.
Clemson, South Carolina

833

Arkansas County Seed
Stuttgart, Arkansas

RYE

AFC 20-10, AFC 20-30,
AFC 20-40

Alabama Farmer's Coop.
Decatur, Alabama

Bonel, Maton, Elbon,
NF 73, NF 142

Noble Foundation
Ardmore, Oklahoma

Carolina Magic, Wintergreen,
Dossco Grazer II

Raymond Gurley, II
Selma, North Carolina

Florida 401, FL-Syn-T,
Florida 402

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

Forager

Pineland Plantation
Newton, Georgia

GA WAHRC2, GA WAC3E,
GA WAC3L

Coastal Plain Experiment
Station
Tifton, Georgia

Gurley's Grazer 2000,
Gurley's Grazer 2000X,
GI-85, GI-87, GI-87X,
GI-88, GI-90

Gurley's, Inc.
Selma, North Carolina

MGI 30-30, AFC 20-20X,
AFC 20-20

Merchants Grain Inc.
Selma, North Carolina

Vitagraze	The New Northrup King, Inc. Highland, Illinois
Underwood Exp 425, 428, and 845	H.J. Underwood Co., Inc. Clinton, North Carolina
Wintergrazer 70	Pennington Seed, Inc. Madison, Georgia
Wren's Abruzzi AL	Alabama Crop Improvement Assoc. Auburn, Alabama
Wren's Abruzzi	Georgia Seed Development Comm. Athens, Georgia
<u>BARLEY</u>	
Anson	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Barsoy	Department of Agronomy, University of Kentucky Lexington, Kentucky
Keowee	South Carolina Crop Impr. Assoc. Clemson, South Carolina
Sussex, Wysor	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Volbar	Department of Agronomy, University of Tennessee Knoxville, Tennessee
<u>TRITICALE</u>	
Beagle 82, Sunland (formerly Merino 'S' J10)	Coastal Plain Experiment Station Tifton, Georgia
Council, Morrison, Thomas	Alabama A & M University Normal, Alabama
Florida 201	University of Florida Agric. Res. Ctr. Quincy, Florida
Jenkins, Stan I, Stan II, Victoria	Sunseeds Trical Research Salinas, California

