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**1991
Alabama
Performance
Comparison
of Small Grain
Varieties**

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

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THE 1991 ALABAMA PERFORMANCE COMPARISON
OF SMALL GRAIN VARIETIES

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INTRODUCTION

The large number of commercially available varieties of wheat, oat, rye, barley, and triticale makes it difficult for growers to select varieties most suited for their particular area of the State. Making this decision requires up-to-date, unbiased, reliable information on varietal yields and characteristics. This report is published annually to provide Alabama growers with this information.

Data from tests conducted at 12 locations were used to compile this report and they represent the varied growing conditions farmers have around the State.

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 in the State. Each variety was replicated three times in each test.

The trials were divided into three management systems: grain only, grain following grazing, and forage only.

Grain only: These tests are normally planted during late October to early November, which is approximately one month later than the forage tests. However, due to lack of moisture, the Headland,

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Fairhope, and Camden tests in 1988 were planted November 22 and 30 and December 7, respectively. Planting dates for all tests in 1989 were delayed because of excess rainfall with average dates being October 30, November 29, and December 11 for northern, central and southern tests, respectively. Planting dates for all tests in 1990 are shown in table 1. Tests in Southern Alabama were split into regular and late planting dates because small grains with very low vernalization requirements should be planted after November 25. All tests were fertilized with P and K according to soil test plus 20 pounds N per acre at planting with a topdressing of 60 pounds N per acre in late February or early March, just prior to jointing. The plots were not sprayed to control disease, so that the varieties could be rated for their inherent disease resistance. The grain was allowed to mature and was harvested with a plot combine. The grain was cleaned and weighed. Moisture and bushel test weight were measured.

Grain following grazing: Grazing tests were located at Winfield and Camden only. These tests were grazed periodically during fall and winter, followed by the removal of cattle in February or early March to allow the crop to joint and produce grain. Tests were planted around October 1, and fertilized at planting with 100 pounds N per acre. The plots were grazed closely beginning when 6-8 inches of forage were available, but no animal or forage data were taken. Grazing was stopped in late February or early March. The test was then topdressed with 60 pounds N per acre and allowed to joint and produce grain.

Forage only: The tests in 1988, 1989, and 1990 were all planted at normal times in late September to early October. 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 dry forage matter per acre. The test was topdressed in February with 60 pounds N per acre and clipping was continued until no regrowth occurred.

DATA EXPLANATION

Grain yields were calculated by weighing air-dried grain and using 60 pounds per bushel for wheat, 32 pounds per bushel for oats, 48 pounds per bushel for barley, and 50 pounds per bushel for triticale.

Lodging was measured as the percent of plants in the stand broken or leaning that would likely be missed by a combine. Height was measured from the ground to top of the grain head.

The 1/10 headed date is the date when approximately 10 percent of a plot showed fully emerged heads.

Disease ratings for the 1990-91 growing season are given in tables 18 through 24. Dr. Robert T. Gudauskas, Professor of Plant Pathology, made the disease ratings at each location. Most ratings were taken when the majority of varieties were in the soft dough stage of maturity. Dr. Gudauskas reported that the incidence and severity of diseases generally were higher in all the variety tests than in recent years. On wheat, leaf rust, Septoria blotch, and powdery mildew were prevalent at most locations. Septoria blotch was severe on most entries throughout the State, as was leaf rust in south and central Alabama. Incidence of powdery mildew generally was higher in central Alabama than in other areas of the State. Incidence of the virus

disease barley yellow dwarf was unusually high throughout tests in central and north Alabama. Soilborne wheat mosaic, a virus disease that was only recently diagnosed in the State, was found on at least one entry in most tests; highest general incidence and severity of the disease occurred in the test at the Wiregrass Substation. Loose smut and stem rust were seen only occasionally in any test and neither appeared to be of any consequence.

On oats, Helminthosporium leaf spot, barley yellow dwarf, and Septoria blotch were prevalent in all tests, but only barley yellow dwarf developed to severe levels and then only in north Alabama where most entries appeared to be susceptible. Leaf rust, or crown rust, was relatively severe on most entries in early planted tests in south Alabama but did not occur in any of the other tests in the State. Loose smut was rarely seen.

Most of the common foliar diseases of barley and triticale occurred again this year. Septoria blotch was severe on many triticale entries in south and central Alabama, but incidence of leaf rust was unusually light throughout the State. Net blotch and Septoria blotch were severe on some barleys; otherwise, diseases appeared to be of little consequence on this crop.

DISCUSSION

Growing conditions and variety performance often vary among locations and years. Regional averages and multiple-year averages are given here to use as a better indicator for performance comparison. Variety recommendations are made for general regions of the State and are based on performance at several locations in each region.

Recommendations are made on the basis of at least 3 years' data. Weather conditions in the 1988-89 and 1989-90 seasons were warmer than normal in fall and winter, causing many of the less hardy varieties of wheat and triticale to start heading in February. Early heading resulted in cold damage at northern locations in 1989 and central and southern locations in 1991, table 25. Conditions in the 1989-90 season were wetter than normal in late October and through November, resulting in many of the tests for grain only being planted in early December. The warmer than normal January and February did not produce enough cold units to vernalize many of the wheat varieties in the central and southern tests in both 1989-90 and 1990-91 seasons. This was the third year in a row that low yields resulted from insufficient vernalization in southern Alabama.

Table 1. Location, Planting and Harvest Dates for 1990-91 Small Grain Tests

Location	Date planted	Date harvested
Northern Alabama		
Tennessee Valley Substation (Belle Mina)		
Small grain forage only	October 9	
Small grain grain only	October 19	June 18
Sand Mountain Substation (Crossville)		
Small grain forage only	October 15	
Small grain grain only	October 15	June 5
Upper Coastal Plain Substation (Winfield)		
Small grain forage only	September 27	
Small grain grain only	October 30	June 19
Small grain grain after grazing	September 27	June 20
Central Alabama		
Black Belt Substation (Marion Junction)		
Small grain forage only	October 29	
Small grain grain only	October 29	June 5
Piedmont Substation (Camp Hill)		
Small grain forage only	October 31	
Small grain grain only	October 31	June 13
E.V. Smith Research Center		
Plant Breeding Unit (Tallassee)		
Small grain forage only	October 25	
Small grain grain only	October 25	Not harvested
Prattville Experiment Field (Prattville)		
Small grain forage only	October 24	
Small grain grain only	October 24	June 7
Southern Alabama		
Brewton Experiment Field (Brewton)		
Small grain forage only	October 8	
Small grain grain only	October 26	May 31
Small grain grain only late	November 26	May 31
Gulf Coast Substation (Fairhope)		
Small grain forage only	October 12	
Small grain grain only	October 31	Not harvested
Small grain grain only late	November 29	
Monroeville Experiment Field (Monroeville)		
Small grain forage only	October 19	
Small grain grain only	October 23	June 3
Small grain grain only late	December 6	June 3
Lower Coastal Plain Substation (Camden)		
Small grain forage only	November 1	
Small grain grain only	October 1	May 31 & June 3
Small grain grain only late	December 12	June 4
Small grain grain after grazing	October 1	June 5
Wiregrass Substation (Headland)		
Small grain forage only	October 16	
Small grain grain only	November 2	May 30
Small grain grain only late	December 10	May 29

TABLE 2. CHARACTERISTICS OF SMALL GRAINS TESTED IN NORTHERN ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1991 AVERAGE			TEST WT. LB./BU.
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.	LOGGING HEIGHT	1/10	HEADED	
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	
WHEAT										
C 87-13 WH	21	-	-	-	-	-	36	35	4-11	42.5
ABI 86-5941	21	-	-	-	-	-	21	33	4-15	43.0
ST 363W	20	-	-	-	-	-	14	36	4-10	44.2
GA GORE	20	25	-	-	-	-	40	34	4-7	43.1
FFR 555W	20	-	-	-	-	-	6	35	4-14	41.9
COKER 9907	19	-	-	-	-	-	51	32	4-11	40.5
FFR 525W	19	26	29	3,997	3,241	-	34	36	4-9	43.8
WAKEFIELD	19	30	-	3,784	-	-	16	36	4-11	40.6
PIONEER 2548	19	31	32	4,362	3,836	-	14	33	4-10	42.0
COMPTON	17	25	25	4,641	3,453	3,988	22	36	4-16	44.7
MADISON	17	26	-	3,650	-	-	36	34	4-5	44.8
COKER 9733	16	26	28	2,790	2,739	3,386	38	35	4-9	42.3
TERRAL 101	16	28	30	3,740	3,255	-	28	35	4-10	39.1
SALUDA	15	26	29	4,052	3,383	4,063	42	33	4-11	44.8
COKER 983	15	25	27	2,826	2,897	3,512	31	29	4-8	45.1
TERRAL 877	14	-	-	-	-	-	34	36	4-11	40.9
COKER 916	14	21	25	3,753	3,134	3,637	22	34	4-9	41.2
FLORIDA 302	14	26	30	2,136	2,350	3,008	38	32	4-8	42.0
COKER 9105	14	26	-	2,027	-	-	17	33	4-11	42.2
PIONEER 2555	14	24	28	4,015	3,504	4,012	23	36	4-11	39.3
CARDINAL	14	-	-	-	-	-	7	39	4-20	42.2
STACY	13	21	22	4,339	3,530	4,059	37	39	4-10	44.0
AR 26415	13	-	-	-	-	-	17	33	4-14	43.9
FFR 568W	13	-	-	3,695	-	-	10	35	4-10	41.7
SAVANNAH	13	-	-	-	-	-	7	31	4-11	41.0
TYLER	13	27	27	4,144	3,386	3,755	34	39	4-16	41.5
CHEROKEE	13	-	-	-	-	-	7	39	4-12	41.2
WILLIAMS	13	21	22	4,249	3,445	4,195	10	35	4-11	39.6
COKER 9835	12	25	-	2,514	-	-	27	28	4-8	39.3
COKER 9766	12	24	28	3,009	2,694	3,164	49	31	4-11	39.0
MASSEY	11	22	23	3,578	3,447	4,125	62	33	4-7	40.1
ATW 270	11	-	-	-	-	-	6	34	4-10	40.9
GA ANDY	10	20	-	-	-	-	5	32	4-10	39.9
GA 100	10	20	-	-	-	-	38	31	4-7	38.4
TRAVELER	10	19	21	1,789	2,319	2,921	40	30	4-8	36.9
BAYLES	9	22	-	2,873	-	-	44	32	4-8	35.5
CALDWELL	8	23	25	4,839	3,850	4,322	51	35	4-17	37.1
FLORIDA 303	-	-	-	1,244	1,812	2,520	-	-	-	-
TEST MEAN	15	24	27	3,419	3,126	3,644	27	34	-	-
L.S.D. (.10)	5	6	7	421	432	532	-	-	-	-
C.V. (%)	26	18	19	9	10	11	-	-	-	-
OATS										
833	45	43	46	771	1,141	2,120	41	44	4-22	29.8
FFR SS 7630	39	49	48	1,215	1,457	2,525	47	47	4-17	30.3
CITATION	35	45	47	752	1,099	2,060	40	42	4-17	28.5
COKER 716	31	45	46	873	1,315	2,422	70	43	4-23	28.1
OZARK	29	46	-	-	-	-	68	43	4-25	29.2
GA-HITCHEL	29	-	-	-	-	-	6	37	4-23	27.6
BOB	28	38	-	848	1,066	-	18	43	4-17	30.9
COKER 820	26	-	-	699	1,038	1,988	42	39	4-13	28.6
COKER 227	25	35	37	884	1,146	2,220	77	43	4-17	29.5
SIMPSON	25	45	44	1,082	1,336	2,261	57	45	4-21	27.8
FLORIDA 501	21	-	-	662	-	-	62	42	4-18	29.3
FLORIDA 502	20	-	-	421	-	-	21	36	4-16	27.6
TEST MEAN	29	43	45	821	1,200	2,228	46	42	-	-
L.S.D. (.10)	16	14	13	127	240	316	-	-	-	-
C.V. (%)	41	25	22	11	15	10	-	-	-	-

CONTINUED

1/ WHEAT FORAGE YIELDS ARE FROM BELLE MINA AND WINFIELD.
2/ OAT FORAGE YIELDS ARE FROM BELLE MINA AND CROSSVILLE.

TABLE 2. CHARACTERISTICS OF SMALL GRAINS TESTED IN NORTHERN ALABAMA, 3-YEAR SUMMARY
CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1991 AVERAGE			TEST WT. LB./BU.
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.	LODGING HEIGHT	1/10 HEADED	DATE	
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.		
BARLEY										
BARSOY	30	32	32	1,592	1,823	2,355	62	31	4- 4	36.7
CLEMSON 100	24	-	-	-	-	-	48	37	4- 6	36.6
SUSSEX	23	35	33	1,457	2,027	2,668	80	33	4- 4	35.9
WYSOR	21	37	41	1,832	2,339	2,924	88	34	4- 9	34.9
SCHOCHON	19	-	-	-	-	-	89	34	4- 9	35.3
PERRY	16	-	-	-	-	-	81	35	4-12	34.8
KEOWEE	16	25	26	1,473	1,778	2,369	62	34	4-10	36.9
ANSON	15	23	23	1,556	1,766	2,498	86	37	4-12	33.1
VOLBAR	-	-	-	1,627	-	-	-	-	-	-
TEST MEAN	20	30	31	1,589	1,947	2,563	74	34	-	-
L.S.D. (.10)	6	10	10	305	364	370	-	-	-	-
C.V. (%)	22	25	23	14	14	11	-	-	-	-
RYE										
AFC 20-20	-	-	-	2,602	2,633	2,655	-	-	-	-
NF 133	-	-	-	2,442	-	-	-	-	-	-
AFC 20-30	-	-	-	2,395	2,570	2,642	-	-	-	-
GRAZE KING 90	-	-	-	2,394	-	-	-	-	-	-
AFC 20-10	-	-	-	2,384	2,555	2,564	-	-	-	-
DOSSCO GRAZER III	-	-	-	2,369	-	-	-	-	-	-
MATON	-	-	-	2,338	2,657	2,732	-	-	-	-
VOLUNTEER MAGIC	-	-	-	2,338	2,533	2,682	-	-	-	-
RGS 2001	-	-	-	2,323	-	-	-	-	-	-
AFC 20-50	-	-	-	2,249	-	-	-	-	-	-
AFC 20-20X	-	-	-	2,236	2,525	2,539	-	-	-	-
DOSSCO GRAZER II	-	-	-	2,210	2,433	2,475	-	-	-	-
GI 87X	-	-	-	2,191	2,470	2,619	-	-	-	-
TFC 1990	-	-	-	2,188	-	-	-	-	-	-
WINTERGRAZER 70	-	-	-	2,180	2,731	2,769	-	-	-	-
GURLEY GRAZER 2000X	-	-	-	2,086	-	-	-	-	-	-
GI 85	-	-	-	2,060	2,357	2,464	-	-	-	-
ELBON	-	-	-	2,021	2,449	2,526	-	-	-	-
BONEL	-	-	-	1,961	2,478	2,653	-	-	-	-
CGI 90	-	-	-	1,960	2,453	2,531	-	-	-	-
GURLEY GRAZER 2000	-	-	-	1,955	2,383	2,405	-	-	-	-
GI 87	-	-	-	1,947	2,371	2,441	-	-	-	-
FORAGER	-	-	-	1,935	2,292	2,345	-	-	-	-
GA WAHRC4	-	-	-	1,931	-	-	-	-	-	-
GI 88	-	-	-	1,886	2,223	2,460	-	-	-	-
FLORIDA 402	-	-	-	1,732	-	-	-	-	-	-
GA WAC5L	-	-	-	1,655	-	-	-	-	-	-
WREN'S ABRUZZI AL	-	-	-	1,635	2,086	-	-	-	-	-
GA WAHRC3	-	-	-	1,569	2,003	-	-	-	-	-
FLORIDA 401	-	-	-	1,494	2,107	-	-	-	-	-
TEST MEAN	-	-	-	2,089	2,415	2,559	-	-	-	-
L.S.D. (.10)	-	-	-	392	392	342	-	-	-	-
C.V. (%)	-	-	-	14	12	10	-	-	-	-
TRITICALE										
THOMAS	17	24	25	2,721	2,958	4,024	35	45	4-12	36.2
COUNCIL	16	24	23	1,467	2,766	3,925	47	47	4-15	36.0
STAN I	14	23	25	1,662	2,752	4,005	51	50	4-22	37.2
MORRISON	13	25	26	2,032	2,967	3,973	49	51	4-12	34.4
STAN II	10	23	24	1,267	2,305	-	56	41	4-16	30.3
VICTORIA	10	18	18	1,163	1,763	-	37	42	4-15	29.4
JENKINS	9	24	-	1,482	1,515	3,089	72	52	4-27	34.2
SUNLAND	8	19	21	1,360	1,561	-	3	34	4- 8	35.9
FLORIDA 201	-	-	-	1,318	-	-	-	-	-	-
BEAGLE 82	-	-	-	946	1,248	2,732	-	-	-	-
TEST MEAN	12	23	23	1,542	2,204	3,625	44	45	-	-
L.S.D. (.10)	5	13	12	260	401	489	-	-	-	-
C.V. (%)	29	44	38	12	13	10	-	-	-	-

3/ RYE FORAGE YIELDS ARE FROM CROSSVILLE.
4/ TRITICALE FORAGE YIELDS ARE FROM BELLE MINA.

TABLE 3. PERFORMANCE OF SMALL GRAINS AT BELLE MINA, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE		
	1991 TEST WT.		3-YR. AV.	1991		3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.	
WHEAT						
GA GORE	34	48.6	-	-	-	-
C 87-13 WH	33	48.6	-	-	-	-
COKER 9907	32	45.8	-	-	-	-
FFR 525W	32	47.0	45	5,497	-	-
PIONEER 2548	31	46.6	45	6,375	-	-
ST 363W	31	47.7	-	-	-	-
COKER 9733	31	49.2	39	4,168	4,775	-
TERRAL 101	30	45.3	41	5,316	-	-
ABI 86-5941	29	44.7	-	-	-	-
MADISON	28	47.4	-	5,722	-	-
WAKEFIELD	28	46.0	-	5,613	-	-
COMPTON	24	48.9	33	7,178	5,507	-
PIONEER 2555	24	43.8	40	6,024	5,492	-
FFR 555W	24	42.9	-	-	-	-
CARDINAL	23	46.1	-	-	-	-
FLORIDA 302	23	46.9	42	2,876	4,076	-
COKER 916	23	45.6	33	5,704	5,078	-
COKER 9835	21	42.8	-	3,665	-	-
COKER 9766	21	44.1	37	4,457	4,364	-
TERRAL 877	21	40.0	-	-	-	-
STACY	19	45.6	29	6,455	5,633	-
SALUDA	19	45.6	37	5,628	5,531	-
SAVANNAH	19	46.2	-	-	-	-
FFR 568W	19	45.4	-	5,622	-	-
COKER 983	19	48.2	33	3,889	4,779	-
AR 26415	18	45.2	-	-	-	-
CHEROKEE	18	45.1	-	-	-	-
BAYLES	18	41.4	-	4,277	-	-
GA 100	17	41.6	-	-	-	-
ATW 270	16	43.3	-	-	-	-
MASSEY	16	45.8	30	5,173	5,688	-
COKER 9105	15	44.4	-	2,756	-	-
TRAVELER	15	42.4	29	2,619	3,934	-
CALDWELL	14	41.2	33	7,179	5,824	-
WILLIAMS	14	41.2	27	6,330	5,973	-
GA ANDY	14	41.0	-	-	-	-
TYLER	13	43.6	33	6,257	5,202	-
FLORIDA 303	-	-	-	1,884	3,607	-
TEST MEAN	22	-	36	5,028	5,031	-
L.S.D. (.10)	4	-	8	441	684	-
C.V. (%)	14	-	18	6	10	-

CONTINUED

TABLE 3. PERFORMANCE OF SMALL GRAINS AT BELLE MINA, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE		
	1991 TEST WT.		3-YR. AV.	1991		3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.	
OATS						
833	70	32.3	38	946	3,239	
GA-MITCHEL	56	30.5	-	-	-	
CITATION	54	30.6	44	1,053	3,018	
FFR SS 7630	51	31.9	41	1,608	3,887	
COKER 227	42	31.6	30	995	3,023	
COKER 716	42	29.6	39	1,223	3,789	
FLORIDA 501	40	29.7	-	1,143	-	
COKER 820	39	30.2	-	993	3,036	
BOB	38	33.6	-	1,041	-	
OZARK	38	32.4	-	-	-	
SIMPSON	32	29.5	36	1,398	3,638	
FLORIDA 502	31	30.5	-	720	-	
TEST MEAN	45	-	38	1,112	3,376	
L.S.D. (.10)	21	-	16	114	283	
C.V. (%)	34	-	30	7	6	
BARLEY						
WYSOR	38	36.0	42	1,749	3,916	
BARSOY	32	37.4	29	1,520	2,899	
SUSSEX	31	35.6	32	1,423	3,500	
CLEMSON 100	29	36.8	-	-	-	
ANSON	28	35.4	22	1,461	3,280	
SCHOCHOH	24	34.3	-	-	-	
KEOWEE	17	37.8	23	1,299	2,987	
PERRY	16	34.8	-	-	-	
VOLBAR	-	-	-	1,567	-	
TEST MEAN	27	-	29	1,503	3,316	
L.S.D. (.10)	6	-	7	202	403	
C.V. (%)	16	-	17	9	9	
TRITICALE						
MORRISON	14	35.4	24	2,032	3,973	
COUNCIL	14	35.1	19	1,467	3,925	
THOMAS	10	35.0	21	2,721	4,024	
VICTORIA	10	32.3	17	1,163	-	
STAN II	9	33.8	18	1,267	-	
STAN I	9	35.4	15	1,662	4,005	
JENKINS	8	35.4	-	1,482	3,089	
SUNLAND	8	35.7	16	1,360	-	
FLORIDA 201	-	-	-	1,318	-	
BEAGLE 82	-	-	-	946	2,732	
TEST MEAN	10	-	19	1,542	3,625	
L.S.D. (.10)	5	-	6	260	489	
C.V. (%)	34	-	23	12	10	

TABLE 4. PERFORMANCE OF SMALL GRAINS AT CROSSVILLE, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE		FORAGE ONLY YIELD/ACRE		
	1991 TEST WT. 3-YR. AV.		1991 3-YR. AV.		
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
FFR 555W	20	48.6	-	-	-
COMPTON	15	53.0	27	-	-
WAKEFIELD	15	45.7	-	-	-
C 87-13 WH	12	43.5	-	-	-
TYLER	12	48.3	30	-	-
STACY	11	50.3	24	-	-
ABI 86-5941	11	45.8	-	-	-
WILLIAMS	11	43.0	22	-	-
ST 363W	9	44.8	-	-	-
COKER 9907	9	42.0	-	-	-
COKER 916	9	45.2	28	-	-
SALUDA	9	47.4	30	-	-
FFR 525W	8	44.2	24	-	-
COKER 9105	8	46.9	-	-	-
COKER 983	7	47.8	27	-	-
PIONEER 2548	7	43.3	27	-	-
SAVANNAH	7	40.6	-	-	-
TERRAL 101	7	41.5	27	-	-
GA ANDY	6	45.0	-	-	-
AR 26415	6	52.0	-	-	-
CHEROKEE	6	42.3	-	-	-
MASSEY	6	45.2	25	-	-
PIONEER 2555	6	43.9	27	-	-
GA GORE	6	41.6	-	-	-
MADISON	6	40.3	-	-	-
CARDINAL	5	43.4	-	-	-
COKER 9733	5	-	25	-	-
TERRAL 877	5	45.4	-	-	-
CALDWELL	4	41.0	23	-	-
ATW 270	4	-	-	-	-
COKER 9766	3	-	26	-	-
FFR 568W	3	39.2	-	-	-
FLORIDA 302	2	-	27	-	-
COKER 9835	2	42.2	-	-	-
GA 100	2	37.2	-	-	-
BAYLES	1	-	-	-	-
TRAVELER	0	-	19	-	-
TEST MEAN	7	-	26	-	-
L.S.D. (.10)	4	-	5	-	-
C.V. (%)	39	-	14	-	-
OATS					
FFR SS 7630	48	34.2	65	822	1,697
COKER 716	40	32.3	64	523	1,500
OZARK	37	30.7	-	-	-
833	32	31.3	59	596	1,354
CITATION	32	31.4	66	451	1,561
COKER 227	27	33.2	53	772	1,600
BOB	27	32.8	-	656	-
COKER 820	26	31.9	-	406	1,482
SIMPSON	26	32.3	61	767	1,441
FLORIDA 502	20	29.8	-	122	-
FLORIDA 501	12	34.6	-	180	-
GA-MITCHEL	9	30.0	-	-	-
TEST MEAN	28	-	62	530	1,519
L.S.D. (.10)	19	-	14	146	262
C.V. (%)	48	-	17	19	13

CONTINUED

TABLE 4. PERFORMANCE OF SMALL GRAINS AT CROSSVILLE, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE		
	1991 TEST WT.		3-YR. AV.	1991		3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.	
BARLEY						
BARSOY	31	40.7	49	1,673	2,044	
CLEMSON 100	22	41.3	-	-	-	
KEOWEE	18	42.0	45	1,640	1,992	
PERRY	18	38.7	-	-	-	
SCHOCHOH	12	40.5	-	-	-	
SUSSEX	12	38.4	42	1,721	2,418	
WYSOR	11	37.0	49	1,716	2,220	
ANSON	9	35.7	39	1,401	1,962	
VOLBAR	-	-	-	1,435	-	
TEST MEAN	17	-	45	1,598	2,127	
L.S.D. (.10)	5	-	8	344	324	
C.V. (%)	21	-	13	15	11	
RYE						
AFC 20-20	-	-	-	2,602	2,655	
NF 133	-	-	-	2,442	-	
AFC 20-30	-	-	-	2,395	2,642	
GRAZE KING 90	-	-	-	2,394	-	
AFC 20-10	-	-	-	2,384	2,564	
DOSSCO GRAZER III	-	-	-	2,369	-	
MATON	-	-	-	2,338	2,732	
VOLUNTEER MAGIC	-	-	-	2,338	2,682	
RGS 2001	-	-	-	2,323	-	
AFC 20-50	-	-	-	2,249	-	
AFC 20-20X	-	-	-	2,236	2,539	
DOSSCO GRAZER II	-	-	-	2,210	2,475	
GI 87X	-	-	-	2,191	2,619	
TFC 1990	-	-	-	2,188	-	
WINTERGRAZER 70	-	-	-	2,180	2,769	
GURLEY GRAZER 2000X	-	-	-	2,086	-	
GI 85	-	-	-	2,060	2,464	
ELBON	-	-	-	2,021	2,526	
BONEL	-	-	-	1,961	2,653	
CGI 90	-	-	-	1,960	2,531	
GURLEY GRAZER 2000	-	-	-	1,955	2,405	
GI 87	-	-	-	1,947	2,441	
FORAGER	-	-	-	1,935	2,345	
GA WAHRC4	-	-	-	1,931	-	
GI 88	-	-	-	1,886	2,460	
FLORIDA 402	-	-	-	1,732	-	
GA WAC5L	-	-	-	1,655	-	
WREN'S ABRUZZI AL	-	-	-	1,635	-	
GA WAHRC3	-	-	-	1,569	-	
FLORIDA 401	-	-	-	1,494	-	
TEST MEAN	-	-	-	2,089	2,559	
L.S.D. (.10)	-	-	-	392	342	
C.V. (%)	-	-	-	14	10	
TRITICALE						
THOMAS	26	37.4	35	-	-	
COUNCIL	22	36.9	30	-	-	
STAN I	21	39.0	36	-	-	
JENKINS	13	33.0	-	-	-	
MORRISON	12	36.9	31	-	-	
STAN II	10	30.6	32	-	-	
VICTORIA	7	31.4	22	-	-	
SUNLAND	3	-	19	-	-	
TEST MEAN	14	-	29	-	-	
L.S.D. (.10)	5	-	7	-	-	
C.V. (%)	24	-	17	-	-	

TABLE 5. PERFORMANCE OF SMALL GRAINS AT WINFIELD, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1991	TEST WT.	3-YR. AV.	1991	3-YR. AV.	1991	3-YR. AV.	
	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.	
WHEAT								
ABI 86-5941	22	38.4	-	-	-	-	-	
ST 363W	21	40.1	-	-	-	-	-	
GA GORE	20	39.2	-	-	-	-	-	
COKER 983	19	39.4	21	2	-	1,762	2,244	
PIONEER 2548	18	36.2	25	11	-	2,349	-	
C 87-13 WH	18	35.4	-	-	-	-	-	
FFR 568W	18	40.4	-	-	-	1,769	-	
COKER 9105	18	35.4	-	-	-	1,297	-	
FFR 525W	17	40.1	18	6	-	2,497	-	
COKER 9907	17	33.6	-	-	-	-	-	
TERRAL 877	17	37.2	-	-	-	-	-	
MADISON	17	46.6	-	5	-	1,578	-	
FLORIDA 302	17	37.1	22	2	11	1,396	1,939	
SALUDA	16	41.4	20	8	16	2,475	2,594	
FFR 555W	16	34.2	-	-	-	-	-	
AR 26415	15	34.6	-	-	-	-	-	
TRAVELER	14	31.4	16	-	-	959	1,907	
WAKEFIELD	14	30.2	-	7	-	1,955	-	
COKER 9835	14	32.9	-	-	-	1,363	-	
TYLER	14	32.5	18	9	14	2,031	2,307	
CHEROKEE	14	36.2	-	-	-	-	-	
WILLIAMS	13	34.6	18	8	12	2,168	2,417	
ATW 270	13	38.4	-	-	-	-	-	
COKER 9733	13	35.4	19	2	-	1,412	1,998	
SAVANNAH	13	36.1	-	-	-	-	-	
COKER 9766	13	33.8	20	3	10	1,562	1,965	
GA 100	12	36.4	-	-	-	-	-	
CARDINAL	12	37.0	-	-	-	-	-	
MASSEY	12	29.2	15	3	10	1,983	2,562	
COMPTON	12	32.2	16	10	13	2,104	2,468	
TERRAL 101	11	30.6	21	5	-	2,164	-	
GA ANDY	11	33.6	-	-	-	-	-	
COKER 916	11	32.8	14	5	11	1,802	2,195	
PIONEER 2555	10	30.1	18	8	12	2,006	2,533	
STACY	9	36.2	14	6	10	2,222	2,485	
BAYLES	8	29.5	-	-	-	1,469	-	
CALDWELL	6	29.0	18	7	13	2,498	2,820	
FLORIDA 303	-	-	-	-	-	603	1,433	
TEST MEAN	14	-	18	6	12	1,809	2,258	
L.S.D. (.10)	7	-	7	2	4	409	417	
C.V. (%)	34	-	29	21	24	16	14	

CONTINUED

TABLE 5. PERFORMANCE OF SMALL GRAINS AT WINFIELD, ALABAMA, 1991

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	1991	TEST WT.	3-YR. AV.	1991	3-YR. AV.	1991	3-YR. AV.
	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
OATS							
833	31	25.9	43	-	-	-	-
GA-MITCHEL	22	22.2	-	-	-	-	-
SIMPSON	19	21.7	37	-	-	-	-
BOB	18	26.3	-	-	-	-	-
CITATION	18	23.6	31	-	-	-	-
FFR SS 7630	17	24.8	36	-	-	-	-
OZARK	13	24.5	-	-	-	-	-
COKER 716	12	22.5	35	-	-	-	-
COKER 820	12	23.7	-	-	-	-	-
FLORIDA 501	10	23.6	-	-	-	-	-
FLORIDA 502	8	22.6	-	-	-	-	-
COKER 227	7	23.6	29	-	-	-	-
TEST MEAN	16	-	35	-	-	-	-
L.S.D. (.10)	6	-	10	-	-	-	-
C.V. (%)	28	-	20	-	-	-	-
BARLEY							
BARSOY	29	32.0	17	-	-	1,582	2,123
SUSSEX	26	33.6	24	-	-	1,227	2,087
CLEMSON 100	21	31.6	-	-	-	-	-
SCHOCHOH	20	31.2	-	-	-	-	-
WYSOR	14	31.8	32	-	-	2,032	2,635
PERRY	13	31.0	-	-	-	-	-
KEOWEE	12	31.0	10	-	-	1,478	2,126
ANSON	9	28.2	10	-	-	1,805	2,252
VOLBAR	-	-	-	-	-	1,878	-
TEST MEAN	18	-	19	-	-	1,667	2,244
L.S.D. (.10)	8	-	13	-	-	398	403
C.V. (%)	30	-	50	-	-	16	13
TRITICALE							
THOMAS	16	-	19	3	8	-	-
VICTORIA	14	24.4	14	-	-	-	-
MORRISON	13	30.8	20	4	12	-	-
COUNCIL	12	-	19	2	-	-	-
SUNLAND	12	36.0	23	-	-	-	-
STAN I	12	-	24	2	7	-	-
STAN II	11	26.6	21	-	-	-	-
JENKINS	6	-	-	2	6	-	-
TEST MEAN	12	-	20	3	8	-	-
L.S.D. (.10)	5	-	18	1	2	-	-
C.V. (%)	31	-	65	19	14	-	-

TABLE 6. CHARACTERISTICS OF SMALL GRAINS TESTED IN CENTRAL ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1991 AVERAGE			TEST WT. LB./BU.
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.	LOGGING HEIGHT	1/10	TEST WT.	
							HEADED			
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	
WHEAT										
FFR 525W	35	35	35	2,991	3,589	-	16	36	4-3	48.8
COKER 9907	34	-	-	-	-	-	42	31	4-2	46.8
WAKEFIELD	34	35	-	2,863	-	-	9	38	4-8	46.4
ST 363W	32	-	-	-	-	-	15	34	4-1	48.0
GA GORE	32	29	-	3,001	-	-	28	35	4-4	46.7
PIONEER 2555	31	27	31	3,181	3,668	3,786	7	37	4-8	44.3
C 87-13 WH	31	-	-	-	-	-	34	36	4-6	46.5
COKER 983	30	31	30	2,529	-	-	17	31	3-28	49.9
FFR 568W	30	33	-	2,572	-	-	13	35	4-3	46.9
PIONEER 2548	29	31	36	2,698	3,559	-	12	34	4-7	45.3
STACY	29	25	27	2,933	3,634	3,904	27	39	4-7	48.6
COKER 9766	28	32	35	2,708	3,260	3,415	37	32	3-31	45.7
TERRAL 101	28	31	31	2,725	3,233	-	17	36	4-6	44.0
MADISON	28	32	-	2,543	-	-	22	32	3-28	48.6
TERRAL 817	27	25	25	2,671	3,342	3,406	33	36	3-30	48.1
WILLIAMS	27	26	29	2,942	3,606	3,891	22	37	4-8	44.4
COKER 916	26	28	30	2,587	3,229	3,347	17	35	4-5	47.6
GA 100	25	29	-	2,768	-	-	21	30	3-30	44.0
COKER 9835	24	28	-	2,746	-	-	15	26	3-31	45.1
FFR 555W	24	-	-	-	-	-	39	35	4-10	41.0
BAYLES	24	26	-	2,684	-	-	37	31	3-30	44.4
SAVANNAH	23	-	-	-	-	-	17	30	3-31	46.2
COKER 9105	23	29	-	2,586	-	-	27	32	4-2	49.0
FLORIDA 302	23	26	29	2,656	3,526	3,563	39	36	4-2	45.1
AR 26415	23	-	-	-	-	-	16	36	4-11	43.1
SALUDA	22	24	29	3,209	3,792	4,029	34	34	4-9	45.1
ABI 86-5941	22	-	-	-	-	-	28	35	4-9	43.3
MASSEY	21	25	25	2,886	3,478	3,710	40	33	4-1	46.0
COKER 9733	21	24	25	2,492	3,302	3,478	60	33	4-2	48.1
COMPTON	21	22	27	2,566	3,127	3,481	23	38	4-13	47.9
TERRAL 877	21	-	-	-	-	-	39	33	4-3	43.7
TERRAL 812	20	24	25	2,417	-	-	44	34	4-1	46.0
CARDINAL	18	-	-	-	-	-	26	40	4-16	41.9
CHEROKEE	18	-	-	-	-	-	42	40	4-8	43.9
GA ANDY	17	20	-	2,323	-	-	7	28	4-1	43.9
TRAVELER	16	23	24	2,659	3,511	-	27	31	4-2	41.8
CALDWELL	14	18	25	2,921	3,679	3,912	52	35	4-13	40.4
FLORIDA 303	12	22	23	1,819	2,854	3,010	30	29	4-2	44.2
TEST MEAN	25	27	28	2,703	3,435	3,610	27	34	-	-
L.S.D. (.10)	5	5	7	373	434	487	-	-	-	-
C.V. (%)	15	15	18	10	9	10	-	-	-	-
OATS										
833	39	41	47	3,006	3,145	3,713	62	40	4-10	26.1
GA-MITCHEL	36	-	-	-	-	-	39	37	4-8	27.7
SIMPSON	36	43	46	2,802	3,057	3,647	62	45	4-10	25.4
FFR SS 7630	35	38	42	3,096	3,376	3,934	62	48	4-5	26.8
FLORIDA 502	34	-	-	1,941	-	-	66	39	4-4	27.9
COKER 716	33	39	43	3,087	3,127	3,805	71	42	4-10	24.9
OZARK	31	40	-	-	-	-	62	44	4-8	26.8
COKER 820	31	37	39	2,498	2,828	3,370	69	35	4-3	26.3
CITATION	31	44	47	2,675	3,097	3,604	69	43	4-6	26.0
COKER 227	31	40	46	3,069	3,288	3,910	77	39	4-7	27.7
BOB	30	40	-	2,580	2,690	-	67	39	4-6	27.4
FLORIDA 501	26	-	-	1,914	-	-	66	37	4-5	27.8
TEST MEAN	33	40	44	2,667	3,076	3,712	64	41	-	-
L.S.D. (.10)	9	10	11	433	534	576	-	-	-	-
C.V. (%)	21	18	18	12	13	11	-	-	-	-

CONTINUED

1/ WHEAT FORAGE YIELDS ARE FROM PRATTVILLE, MARION JUNCTION, AND TALLASSEE.

TABLE 6. CHARACTERISTICS OF SMALL GRAINS TESTED IN CENTRAL ALABAMA, 3-YEAR SUMMARY
CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1991 AVERAGE			
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.	LODGING HEIGHT	1/10	TEST WT.	
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	
RYE										
BONEL	-	-	-	4,154	4,044	4,115	-	-	-	-
SAVAN GRAZER	-	-	-	4,086	-	-	-	-	-	-
RGS 2001	-	-	-	4,011	-	-	-	-	-	-
GURLEY GRAZER 2000	-	-	-	3,996	3,813	4,002	-	-	-	-
VOLUNTEER MAGIC	-	-	-	3,989	3,877	4,115	-	-	-	-
GURLEY GRAZER 2000X	-	-	-	3,986	3,775	-	-	-	-	-
MATON	-	-	-	3,957	3,877	4,069	-	-	-	-
WINTERGRAZER 70	-	-	-	3,953	3,650	3,985	-	-	-	-
AFC 20-10	-	-	-	3,941	3,841	4,157	-	-	-	-
ELBON	-	-	-	3,933	3,679	3,950	-	-	-	-
AFC 20-20	-	-	-	3,911	3,700	3,951	-	-	-	-
GI 85	-	-	-	3,902	3,668	3,948	-	-	-	-
GI 87X	-	-	-	3,893	3,762	3,870	-	-	-	-
NF 133	-	-	-	3,857	-	-	-	-	-	-
CGI 90	-	-	-	3,813	3,724	3,924	-	-	-	-
AFC 20-50	-	-	-	3,810	-	-	-	-	-	-
GI 87	-	-	-	3,794	3,721	3,980	-	-	-	-
GA WAC5L	-	-	-	3,746	-	-	-	-	-	-
WREN'S ABRUZZI AL	-	-	-	3,723	3,452	-	-	-	-	-
GA WGBC4	-	-	-	3,656	-	-	-	-	-	-
GI 88	-	-	-	3,642	3,605	3,963	-	-	-	-
FORAGER	-	-	-	3,537	3,577	3,710	-	-	-	-
FLORIDA 402	-	-	-	3,440	3,594	3,786	-	-	-	-
GA WAHRC3	-	-	-	3,418	3,483	-	-	-	-	-
TEST MEAN	-	-	-	3,839	3,713	3,968	-	-	-	-
L.S.D. (.10)	-	-	-	475	455	541	-	-	-	-
C.V. (%)	-	-	-	9	9	10	-	-	-	-
TRITICALE										
MORRISON	17	14	22	3,461	3,245	3,274	20	51	4- 6	35.8
THOMAS	16	14	20	3,751	3,422	3,296	26	44	4- 6	35.9
T-8913	14	-	-	-	-	-	12	31	3-28	40.1
T-8910	14	-	-	-	-	-	13	27	3-28	40.2
COUNCIL	13	10	15	3,814	3,724	3,657	27	45	4-10	32.5
T-8914	11	-	-	-	-	-	20	29	3-29	39.0
SUNLAND	10	11	14	1,898	2,368	2,251	19	30	3-30	38.9
BEAGLE 82	10	12	15	1,610	2,293	2,168	15	35	3-30	33.6
FLORIDA 201	10	-	-	1,401	-	-	25	32	3-28	36.3
VICTORIA	9	13	15	2,637	2,853	2,731	42	35	4- 8	30.7
STAN II	7	7	18	3,729	3,424	3,514	22	40	4- 9	32.1
STAN I	7	7	14	3,965	3,678	3,440	35	47	4-16	34.2
JENKINS	4	11	-	4,312	3,587	3,405	63	52	4-22	30.7
TEST MEAN	11	11	17	3,058	3,177	3,082	26	38	-	-
L.S.D. (.10)	4	4	5	541	485	485	-	-	-	-
C.V. (%)	30	28	23	13	11	12	-	-	-	-

2/ RYE FORAGE YIELDS ARE FROM CAMP HILL, PRATTVILLE, AND TALLASSEE.
3/ TRITICALE FORAGE YIELDS ARE FROM CAMP HILL AND TALLASSEE.

TABLE 7. PERFORMANCE OF SMALL GRAINS AT MARION JUNCTION, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE		
	1991 TEST WT.		3-YR. AV.	1991		3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.	
WHEAT						
FFR 525W	41	51.4	-	1,552	-	
ST 363W	36	51.0	-	-	-	
C 87-13 WH	36	48.2	-	-	-	
COKER 983	35	53.2	44	1,637	-	
MADISON	35	50.8	-	1,512	-	
COKER 9766	34	50.4	49	1,680	3,222	
FFR 568W	34	50.2	-	1,516	-	
STACY	34	51.4	44	1,543	4,127	
COKER 9907	34	49.4	-	-	-	
GA 100	33	49.2	-	1,961	-	
COKER 9835	32	48.2	-	1,793	-	
PIONEER 2548	32	46.4	-	1,098	-	
TERRAL 817	31	51.0	39	1,671	3,818	
PIONEER 2555	31	46.4	52	1,535	3,724	
GA GORE	31	48.8	-	1,685	-	
SALUDA	30	48.4	47	1,801	4,158	
FLORIDA 302	29	49.8	48	1,977	3,853	
WAKEFIELD	29	46.8	-	1,782	-	
BAYLES	28	46.4	-	1,719	-	
TERRAL 101	28	45.0	-	1,418	-	
COKER 9105	27	48.0	-	1,878	-	
MASSEY	27	51.0	40	2,035	3,711	
TERRAL 812	26	50.0	40	2,034	-	
WILLIAMS	26	45.4	46	1,435	3,881	
AR 26415	26	47.6	-	-	-	
COKER 916	24	49.4	43	1,393	3,530	
TERRAL 877	24	46.2	-	-	-	
SAVANNAH	24	47.2	-	-	-	
CARDINAL	24	46.8	-	-	-	
COKER 9733	23	53.0	39	1,992	3,923	
FFR 555W	21	41.2	-	-	-	
TRAVELER	21	46.2	39	2,173	-	
COMPTON	21	49.8	42	597	3,434	
ABI 86-5941	19	45.0	-	-	-	
CHEROKEE	17	45.0	-	-	-	
GA ANDY	16	46.2	-	2,579	-	
CALDWELL	13	39.0	38	688	4,203	
FLORIDA 303	10	45.4	35	1,780	3,691	
TEST MEAN	27	48.0	43	1,659	3,790	
L.S.D. (.10)	5	-	5	423	568	
C.V. (%)	14	-	9	19	11	

CONTINUED

TABLE 7. PERFORMANCE OF SMALL GRAINS AT MARION JUNCTION, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE		FORAGE ONLY YIELD/ACRE		
	1991 TEST WT. 3-YR. AV.		1991	3-YR. AV.	
	BU.	LB./BU.	BU.	LB.	LB.
OATS					
833	61	26.2	82	1,153	3,438
SIMPSON	58	26.1	85	524	3,261
BOB	57	31.0	-	902	-
GA-MITCHEL	55	29.0	-	-	-
FFR SS 7630	53	31.2	-	492	3,582
FLORIDA 502	51	29.2	62	880	-
COKER 716	50	25.4	86	462	3,240
CITATION	50	27.8	82	1,266	3,426
COKER 227	47	28.0	75	1,637	3,933
COKER 820	43	27.0	62	1,495	3,259
OZARK	43	30.2	-	-	-
FLORIDA 501	41	28.4	64	929	-
TEST MEAN	51	28.3	75	974	3,448
L.S.D. (.10)	9	-	8	419	644
C.V. (%)	13	-	8	30	14
RYE					
FORAGER	-	-	-	1,346	-
WREN'S ABRUZZI AL	-	-	-	1,329	-
GI 85	-	-	-	1,253	-
AFC 20-10	-	-	-	1,221	-
GURLEY GRAZER 2000	-	-	-	1,116	3,672
GI 87	-	-	-	1,082	-
ELBON	-	-	-	973	-
WINTERGRAZER 70	-	-	-	964	3,552
BONEL	-	-	-	792	-
MATON	-	-	-	712	3,457
TEST MEAN	-	-	-	1,079	3,560
L.S.D. (.10)	-	-	-	338	509
C.V. (%)	-	-	-	22	10
TRITICALE					
T-8910	12	41.6	-	-	-
THOMAS	12	35.6	38	-	-
MORRISON	12	37.4	38	-	-
VICTORIA	9	29.6	-	-	-
T-8913	9	39.2	-	-	-
COUNCIL	8	32.9	27	-	-
T-8914	8	38.6	-	-	-
BEAGLE 82	6	33.0	26	-	-
FLORIDA 201	6	35.2	26	-	-
SUNLAND	6	39.2	-	-	-
STAN II	4	31.2	-	-	-
STAN I	3	-	29	-	-
JENKINS	3	32.6	-	-	-
TEST MEAN	7	35.5	30	-	-
L.S.D. (.10)	3	-	6	-	-
C.V. (%)	33	-	15	-	-

TABLE 8. PERFORMANCE OF SMALL GRAINS AT PRATTVILLE, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE		FORAGE ONLY YIELD/ACRE		
	1991 TEST WT. 3-YR. AV.		1991 3-YR. AV.		
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
COKER 9907	39	47.6	-	-	-
FFR 525W	39	50.2	36	3,550	-
ST 363W	37	48.3	-	-	-
GA GORE	37	49.1	-	3,529	-
TERRAL 817	32	51.2	30	3,073	3,602
FFR 568W	32	49.9	-	3,044	-
WAKEFIELD	31	48.5	-	3,573	-
PIONEER 2555	30	47.5	31	4,092	4,252
MADISON	30	50.1	-	3,002	-
COKER 9766	29	47.5	40	3,007	3,873
PIONEER 2548	29	48.6	40	3,557	-
C 87-13 WH	29	49.9	-	-	-
WILLIAMS	27	48.1	35	3,488	4,199
BAYLES	26	48.8	-	3,133	-
TERRAL 101	26	47.6	31	3,455	-
COKER 983	26	49.3	34	2,800	-
COKER 916	26	49.6	36	3,143	3,536
STACY	24	49.0	28	3,500	4,103
ABI 86-5941	23	45.4	-	-	-
COKER 9835	21	47.0	-	3,129	-
COMPTON	21	49.1	28	3,727	4,058
MASSEY	21	47.1	29	3,218	3,943
SAVANNAH	20	49.0	-	-	-
TERRAL 812	20	49.6	29	2,731	-
GA 100	20	44.0	-	3,082	-
AR 26415	19	45.0	-	-	-
FFR 555W	18	44.2	-	-	-
TERRAL 877	16	46.1	-	-	-
FLORIDA 302	15	44.0	29	2,771	3,880
CHEROKEE	15	45.1	-	-	-
COKER 9733	15	49.9	29	2,654	3,607
CALDWELL	14	42.4	27	3,894	4,069
SALUDA	13	44.2	25	3,598	4,240
COKER 9105	13	56.1	-	2,790	-
CARDINAL	12	40.5	-	-	-
TRAVELER	11	42.7	26	2,647	-
FLORIDA 303	10	45.1	30	1,857	3,098
GA ANDY	10	45.8	-	2,217	-
TEST MEAN	23	-	31	3,152	3,881
L.S.D. (.10)	5	-	8	333	379
C.V. (%)	15	-	20	8	7
OATS					
OZARK	45	31.7	-	-	-
833	45	26.6	47	4,011	4,683
COKER 716	43	27.2	46	4,460	4,850
FFR SS 7630	42	31.9	51	4,070	4,870
FLORIDA 502	42	31.5	-	2,574	-
COKER 820	41	27.9	47	3,575	4,367
GA-MITCHEL	41	32.0	-	-	-
SIMPSON	39	27.4	49	3,864	4,812
COKER 227	38	30.0	55	4,223	4,733
CITATION	37	27.5	50	4,144	4,581
FLORIDA 501	31	27.3	-	3,053	-
BOB	25	30.3	-	3,642	-
TEST MEAN	39	-	49	3,762	4,700
L.S.D. (.10)	14	-	16	486	482
C.V. (%)	25	-	23	9	7

CONTINUED

TABLE 8. PERFORMANCE OF SMALL GRAINS AT PRATTVILLE, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1991 TEST WT. 3-YR. AV.			1991	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
RYE					
BONEL	-	-	-	4,228	4,654
SAWAN GRAZER	-	-	-	4,188	-
VOLUNTEER MAGIC	-	-	-	4,167	4,644
MATON	-	-	-	4,117	4,625
GURLEY GRAZER 2000	-	-	-	4,097	4,498
RGS 2001	-	-	-	3,971	-
ELBON	-	-	-	3,937	4,581
GURLEY GRAZER 2000X	-	-	-	3,914	-
GI 85	-	-	-	3,871	4,541
NF 133	-	-	-	3,841	-
AFC 20-20	-	-	-	3,801	4,465
GI 87	-	-	-	3,793	4,501
GA WAC5L	-	-	-	3,728	-
AFC 20-50	-	-	-	3,724	-
WREN'S ABRUZZI AL	-	-	-	3,697	-
AFC 20-10	-	-	-	3,681	4,497
GI 87X	-	-	-	3,675	4,328
GA WGBC4	-	-	-	3,651	-
WINTERGRAZER 70	-	-	-	3,642	4,204
CGI 90	-	-	-	3,635	4,423
GA WAHRC3	-	-	-	3,587	-
FORAGER	-	-	-	3,480	4,343
FLORIDA 402	-	-	-	3,411	4,359
GI 88	-	-	-	3,407	4,444
TEST MEAN	-	-	-	3,802	4,474
L.S.D. (.10)	-	-	-	328	407
C.V. (%)	-	-	-	6	7
TRITICALE					
THOMAS	19	40.4	22	-	-
MORRISON	14	37.6	23	-	-
COUNCIL	13	34.7	13	-	-
T-8913	11	41.6	-	-	-
STAN I	7	34.8	14	-	-
FLORIDA 201	7	38.0	-	-	-
T-8910	7	39.4	-	-	-
SUNLAND	6	40.0	13	-	-
STAN II	6	33.2	19	-	-
T-8914	6	40.6	-	-	-
VICTORIA	5	31.0	15	-	-
BEAGLE 82	4	34.2	15	-	-
JENKINS	1	-	-	-	-
TEST MEAN	8	-	17	-	-
L.S.D. (.10)	3	-	5	-	-
C.V. (%)	26	-	23	-	-

TABLE 9. PERFORMANCE OF SMALL GRAINS AT TALLASSEE, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1991 TEST WT. 3-YR. AV.			1991	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
SALUDA	-	-	-	4,229	3,690
CALDWELL	-	-	-	4,180	3,465
PIONEER 2555	-	-	-	3,917	3,382
WILLIAMS	-	-	-	3,904	3,594
FFR 525W	-	-	-	3,870	-
GA GORE	-	-	-	3,790	-
STACY	-	-	-	3,755	3,481
PIONEER 2548	-	-	-	3,439	-
COKER 9766	-	-	-	3,438	3,150
MASSEY	-	-	-	3,404	3,476
COMPTON	-	-	-	3,373	2,951
COKER 9835	-	-	-	3,316	-
TERRAL 101	-	-	-	3,302	-
TERRAL 817	-	-	-	3,268	2,799
GA 100	-	-	-	3,262	-
WAKEFIELD	-	-	-	3,234	-
COKER 916	-	-	-	3,224	2,974
FLORIDA 302	-	-	-	3,221	2,955
BAYLES	-	-	-	3,200	-
TRAVELER	-	-	-	3,156	-
FFR 568W	-	-	-	3,155	-
COKER 983	-	-	-	3,149	-
MADISON	-	-	-	3,116	-
COKER 9105	-	-	-	3,089	-
COKER 9733	-	-	-	2,828	2,904
TERRAL 812	-	-	-	2,487	-
GA ANDY	-	-	-	2,171	-
FLORIDA 303	-	-	-	1,821	2,240
TEST MEAN	-	-	-	3,296	3,159
L.S.D. (.10)	-	-	-	372	503
C.V. (%)	-	-	-	8	12
OATS					
FFR SS 7630	-	-	-	3,958	3,373
833	-	-	-	3,595	3,279
COKER 716	-	-	-	3,545	3,294
SIMPSON	-	-	-	3,436	3,032
COKER 227	-	-	-	3,291	3,326
BOB	-	-	-	3,030	-
CITATION	-	-	-	2,937	3,235
FLORIDA 502	-	-	-	2,566	-
COKER 820	-	-	-	2,559	2,798
FLORIDA 501	-	-	-	2,170	-
TEST MEAN	-	-	-	3,109	3,191
L.S.D. (.10)	-	-	-	468	563
C.V. (%)	-	-	-	11	13

CONTINUED

TABLE 9. PERFORMANCE OF SMALL GRAINS AT TALLASSEE, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1991 TEST WT.		3-YR. AV.	1991	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
RYE					
WINTERGRAZER 70	-	-	-	4,768	4,502
GURLEY GRAZER 2000X	-	-	-	4,735	-
SAWAN GRAZER	-	-	-	4,606	-
GURLEY GRAZER 2000	-	-	-	4,523	4,309
ELBON	-	-	-	4,470	4,332
GI 87X	-	-	-	4,468	4,060
NF 133	-	-	-	4,464	-
BONEL	-	-	-	4,443	4,275
GA WAC5L	-	-	-	4,387	-
GI 85	-	-	-	4,374	4,144
GI 87	-	-	-	4,371	4,377
MATON	-	-	-	4,336	4,367
AFC 20-20	-	-	-	4,332	4,089
AFC 20-10	-	-	-	4,303	4,328
WREN'S ABRUZZI AL	-	-	-	4,287	-
VOLUNTEER MAGIC	-	-	-	4,282	4,469
GI 88	-	-	-	4,273	4,217
AFC 20-50	-	-	-	4,264	-
RGS 2001	-	-	-	4,261	-
FORAGER	-	-	-	4,260	3,899
CGI 90	-	-	-	4,094	4,046
GA WGBC4	-	-	-	4,041	-
FLORIDA 402	-	-	-	3,898	3,794
GA WAHRC3	-	-	-	3,579	-
TEST MEAN	-	-	-	4,326	4,214
L.S.D. (.10)	-	-	-	339	597
C.V. (%)	-	-	-	6	10
TRITICALE					
JENKINS	-	-	-	4,261	3,181
STAN I	-	-	-	3,821	3,441
STAN II	-	-	-	3,695	3,480
THOMAS	-	-	-	3,616	3,141
COUNCIL	-	-	-	3,428	3,402
MORRISON	-	-	-	3,194	3,117
VICTORIA	-	-	-	2,979	2,860
SUNLAND	-	-	-	2,416	2,587
BEAGLE 82	-	-	-	1,779	2,330
FLORIDA 201	-	-	-	1,736	-
TEST MEAN	-	-	-	3,092	3,060
L.S.D. (.10)	-	-	-	469	458
C.V. (%)	-	-	-	11	11

TABLE 10. PERFORMANCE OF SMALL GRAINS AT CAMP HILL, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE		FORAGE ONLY YIELD/ACRE		
	1991 TEST WT. 3-YR. AV.		1991	3-YR. AV.	
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
WAKEFIELD	41	44.0	-	-	-
FFR 555W	33	37.5	-	-	-
COKER 983	31	47.1	29	-	-
PIONEER 2555	30	39.1	31	-	-
COKER 9907	30	43.3	-	-	-
TERRAL 101	30	39.3	31	-	-
STACY	30	45.4	24	-	-
COKER 9105	29	42.9	-	-	-
COKER 916	29	43.9	27	-	-
C 87-13 WH	27	41.4	-	-	-
WILLIAMS	27	39.7	27	-	-
GA GORE	27	42.3	-	-	-
PIONEER 2548	26	40.9	33	-	-
SAVANNAH	26	42.5	-	-	-
COKER 9733	26	41.4	23	-	-
FFR 568W	25	40.6	-	-	-
ABI 86-5941	25	39.6	-	-	-
FFR 525W	25	44.7	32	-	-
FLORIDA 302	25	41.5	29	-	-
GA ANDY	24	39.6	-	-	-
AR 26415	24	36.8	-	-	-
ST 363W	23	44.7	-	-	-
SALUDA	23	42.6	33	-	-
GA 100	23	38.7	-	-	-
TERRAL 877	22	38.8	-	-	-
CHEROKEE	22	41.6	-	-	-
COKER 9766	21	39.1	32	-	-
COMPTON	20	44.8	27	-	-
COKER 9835	20	40.0	-	-	-
TERRAL 817	19	42.0	20	-	-
CARDINAL	19	38.4	-	-	-
MADISON	18	44.9	-	-	-
BAYLES	17	38.0	-	-	-
TRAVELER	17	36.6	23	-	-
FLORIDA 303	16	42.0	20	-	-
MASSEY	16	40.0	22	-	-
CALDWELL	15	39.9	25	-	-
TERRAL 812	13	38.5	22	-	-
TEST MEAN	24	-	27	-	-
L.S.D. (.10)	6	-	6	-	-
C.V. (%)	18	-	17	-	-
OATS					
GA-MITCHEL	12	22.1	-	-	-
SIMPSON	10	22.8	34	3,386	3,483
833	10	25.6	40	3,267	3,453
FFR SS 7630	9	17.2	24	3,866	3,911
COKER 820	9	24.1	22	2,364	3,055
FLORIDA 502	8	23.0	-	1,744	-
COKER 227	8	25.2	26	3,125	3,648
BOB	7	21.0	-	2,747	-
COKER 716	7	22.0	30	3,881	3,835
CITATION	6	22.8	31	2,355	3,175
OZARK	6	18.4	-	-	-
FLORIDA 501	6	-	-	1,505	-
TEST MEAN	8	-	30	2,824	3,509
L.S.D. (.10)	4	-	6	426	633
C.V. (%)	35	-	16	11	13

CONTINUED

TABLE 10. PERFORMANCE OF SMALL GRAINS AT CAMP HILL, ALABAMA, 1991
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE		FORAGE ONLY YIELD/ACRE		
	1991 TEST WT. 3-YR. AV.		1991	3-YR. AV.	
	BU.	LB./BU.	BU.	LB.	
RYE					
AFC 20-10	-	-	-	3,840	3,647
RGS 2001	-	-	-	3,800	-
BONEL	-	-	-	3,791	3,415
CGI 90	-	-	-	3,710	3,304
AFC 20-20	-	-	-	3,600	3,298
GI 87X	-	-	-	3,536	3,223
VOLUNTEER MAGIC	-	-	-	3,518	3,232
SAWAN GRAZER	-	-	-	3,465	-
GI 85	-	-	-	3,460	3,159
WINTERGRAZER 70	-	-	-	3,450	3,250
AFC 20-50	-	-	-	3,443	-
MATON	-	-	-	3,419	3,216
ELBON	-	-	-	3,393	2,938
GURLEY GRAZER 2000	-	-	-	3,367	3,197
GURLEY GRAZER 2000X	-	-	-	3,308	-
GA WGBC4	-	-	-	3,274	-
NF 133	-	-	-	3,266	-
GI 88	-	-	-	3,246	3,229
GI 87	-	-	-	3,218	3,061
WREN'S ABRUZZI AL	-	-	-	3,184	-
GA WAC5L	-	-	-	3,122	-
GA WAHRC3	-	-	-	3,087	-
FLORIDA 402	-	-	-	3,011	3,204
FORAGER	-	-	-	2,873	2,888
TEST MEAN	-	-	-	3,391	3,217
L.S.D. (.10)	-	-	-	688	602
C.V. (%)	-	-	-	15	14
TRITICALE					
MORRISON	24	32.5	27	3,729	3,431
T-8913	23	39.4	-	-	-
T-8910	23	39.6	-	-	-
BEAGLE 82	21	33.6	20	1,441	2,007
SUNLAND	19	37.6	19	1,380	1,916
T-8914	19	37.9	-	-	-
COUNCIL	18	29.9	19	4,201	3,913
FLORIDA 201	18	35.8	-	1,065	-
THOMAS	16	31.8	23	3,886	3,451
VICTORIA	12	31.5	15	2,295	2,601
STAN II	11	31.8	24	3,764	3,547
STAN I	9	33.6	17	4,109	3,439
JENKINS	9	28.8	-	4,363	3,629
TEST MEAN	17	-	20	3,023	3,104
L.S.D. (.10)	6	-	6	631	519
C.V. (%)	27	-	21	15	12

TABLE 11. CHARACTERISTICS OF SMALL GRAINS TESTED IN REGULAR PLANTING
IN SOUTHERN ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1991 AVERAGE			
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.	LOGGING HEIGHT	1/10	TEST WT.	
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	LB./BU.
WHEAT										
COKER 983	38	29	24	-	-	-	33	33	3-25	50.5
COKER 9766	35	34	35	3,480	3,533	3,702	42	34	3-27	45.2
GA GORE	31	32	-	3,474	-	-	55	36	4- 1	44.9
FFR 525W	31	26	23	3,264	-	-	31	37	3-26	47.1
WAKEFIELD	31	24	-	-	-	-	20	38	4- 1	46.3
TERRAL 101	29	22	20	2,858	3,144	-	36	37	4- 2	44.0
SAVANNAH	29	-	-	-	-	-	51	33	3-25	46.1
FFR 568W	27	-	-	-	-	-	19	36	3-26	46.0
MASSEY	26	27	23	3,661	3,760	3,886	44	36	3-25	46.6
PIONEER 2548	25	19	20	2,922	3,277	-	37	33	4- 4	44.0
FLORIDA 302	24	22	21	3,466	3,510	3,274	58	35	3-25	45.3
WILLIAMS	23	20	21	3,544	3,948	4,168	15	38	4- 1	43.9
PIONEER 2555	23	18	19	3,221	3,528	3,921	34	38	4- 4	42.4
ABI 86-5941	22	-	-	-	-	-	27	36	4- 3	42.9
COKER 9733	22	28	25	3,156	3,131	-	63	36	3-25	46.6
TRAVELER	21	24	22	3,029	3,195	3,203	61	32	3-24	43.9
STACY	18	19	18	3,595	3,680	3,960	48	40	4- 3	43.1
AR 26415	15	-	-	-	-	-	49	35	4- 4	42.2
ATW 270	14	-	-	-	-	-	58	31	3-10	43.0
SALUDA	14	12	11	3,175	3,587	3,575	55	32	4- 4	43.0
COMPTON	13	10	11	-	-	-	48	36	4- 7	44.2
CHEROKEE	12	-	-	-	-	-	69	39	4- 1	40.8
FFR 555W	11	-	-	-	-	-	61	34	4- 1	38.3
CARDINAL	10	-	-	-	-	-	42	38	4-15	38.5
CALDWELL	9	8	10	-	-	-	66	34	4- 9	38.8
BAYLES	-	-	-	3,670	-	-	8	30	4- 9	-
GA 100	-	-	-	3,324	-	-	22	26	4- 1	-
COKER 9835	-	-	-	3,286	-	-	-	-	-	-
TERRAL 812	-	-	-	3,210	-	-	-	-	-	-
TERRAL 817	-	-	-	3,203	-	-	-	-	-	-
COKER 9105	-	-	-	3,188	-	-	-	-	-	-
MADISON	-	-	-	2,976	-	-	5	28	4- 1	-
FLORIDA 301	-	-	-	2,613	2,841	2,838	-	-	-	-
GA ANDY	-	-	-	2,569	-	-	2	27	4- 1	-
FLORIDA 303	-	-	-	2,559	2,574	2,579	17	28	4- 1	-
FLORIDA 301H	-	-	-	2,442	-	-	-	-	-	-
TEST MEAN	22	22	20	3,162	3,362	3,511	39	34	-	-
L.S.D. (.10)	6	7	6	449	522	666	-	-	-	-
C.V. (%)	21	22	22	11	12	14	-	-	-	-
OATS										
SIMPSON	50	58	50	3,543	4,318	4,441	71	51	4- 4	29.5
COKER 716	49	54	47	3,216	4,037	4,348	70	50	4- 5	29.5
CITATION	46	60	69	3,892	4,566	4,984	65	50	3-29	31.4
833	46	61	69	3,372	4,290	4,644	74	49	4- 2	29.7
FFR SS 7630	46	58	52	3,734	4,394	4,637	67	51	3-29	33.4
OZARK	39	56	-	-	-	-	76	47	3-31	31.5
COKER 227	31	55	61	3,694	4,390	4,784	69	48	3-29	31.6
COKER 820	27	52	56	3,277	3,968	4,504	66	41	3-26	31.3
BOB	25	53	-	3,401	3,883	-	68	45	3-29	34.6
FLORIDA 501	-	-	-	3,256	3,169	3,638	-	-	-	-
FLORIDA 502	-	-	-	2,944	3,399	3,916	-	-	-	-
TEST MEAN	40	56	58	3,433	4,041	4,433	69	48	-	-
L.S.D. (.10)	10	14	14	432	636	657	-	-	-	-
C.V. (%)	18	18	18	9	12	11	-	-	-	-

CONTINUED

1/ WHEAT FORAGE YIELDS ARE FROM CAMDEN, BREWTON, HEADLAND, AND MONROEVILLE.

TABLE 11. CHARACTERISTICS OF SMALL GRAINS TESTED IN REGULAR PLANTING
IN SOUTHERN ALABAMA, 3-YEAR SUMMARY

CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE			AVERAGE YIELD/ACRE			1991 AVERAGE			
	GRAIN ONLY			FORAGE ONLY			LODGING HEIGHT	1/10	TEST WT.	HEADED
	1991	2-YR.	3-YR.	1991	2-YR.	3-YR.				
BU.	BU.	BU.	LB.	LB.	LB.					
RYE										
GURLEY GRAZER 2000	-	-	-	4,605	5,143	5,189	-	-	-	-
RGS 2001	-	-	-	4,570	-	-	-	-	-	-
WINTERGRAZER 70	-	-	-	4,568	5,139	5,266	-	-	-	-
GI 85	-	-	-	4,566	5,005	5,101	-	-	-	-
VOLUNTEER MAGIC	-	-	-	4,514	5,196	-	-	-	-	-
AFC 20-30	-	-	-	4,501	5,088	-	-	-	-	-
GI 87	-	-	-	4,468	5,108	5,199	-	-	-	-
ELBON	-	-	-	4,464	5,108	5,154	-	-	-	-
DOSSCO GRAZER II	-	-	-	4,463	5,115	5,186	-	-	-	-
AFC 20-10	-	-	-	4,425	4,946	5,073	-	-	-	-
GI 87X	-	-	-	4,414	4,992	5,207	-	-	-	-
GA WAHRC3	-	-	-	4,370	5,066	-	-	-	-	-
GA WAHRC4	-	-	-	4,363	-	-	-	-	-	-
GI 88	-	-	-	4,355	4,838	4,926	-	-	-	-
CGI 90	-	-	-	4,343	4,901	5,053	-	-	-	-
MATON	-	-	-	4,339	5,027	5,212	-	-	-	-
AFC 20-20	-	-	-	4,306	4,812	5,009	-	-	-	-
WREN'S ABRUZZI AL	-	-	-	4,298	4,688	-	-	-	-	-
NF 133	-	-	-	4,280	-	-	-	-	-	-
BONEL	-	-	-	4,239	4,955	5,085	-	-	-	-
DOSSCO GRAZER III	-	-	-	4,231	-	-	-	-	-	-
GA WGBC4	-	-	-	4,225	-	-	-	-	-	-
FORAGER	-	-	-	4,222	4,801	4,935	-	-	-	-
GURLEY GRAZER 2000X	-	-	-	4,190	4,866	-	-	-	-	-
FLORIDA 402	-	-	-	4,083	4,697	4,866	-	-	-	-
FLORIDA 401	-	-	-	3,607	3,854	4,083	-	-	-	-
TEST MEAN	-	-	-	4,346	4,921	5,034	-	-	-	-
L.S.D. (.10)	-	-	-	608	690	743	-	-	-	-
C.V. (%)	-	-	-	10	10	11	-	-	-	-
TRITICALE										
THOMAS	21	17	20	3,893	4,481	3,993	60	46	4- 1	36.0
MORRISON	20	21	24	3,657	4,620	4,178	40	53	3-31	36.8
STAN II	17	19	23	3,905	4,828	4,439	77	42	4- 5	34.2
COUNCIL	16	17	19	3,406	4,500	3,982	55	47	4- 2	34.4
VICTORIA	10	17	16	3,307	3,599	3,209	77	37	3-31	29.8
JENKINS	6	25	19	2,899	2,879	2,319	80	50	4-20	-
STAN I	-	-	-	3,584	4,029	3,477	85	39	4-23	-
FLORIDA 201	-	-	-	2,769	2,436	2,363	45	33	4- 1	-
SUNLAND	-	-	-	2,674	3,184	3,195	5	33	4- 1	-
BEAGLE 82	-	-	-	2,526	2,950	2,925	30	36	4- 1	-
TEST MEAN	15	19	20	3,262	3,751	3,408	55	42	-	-
L.S.D. (.10)	5	7	7	470	471	408	-	-	-	-
C.V. (%)	22	28	24	10	9	9	-	-	-	-

2/ RYE FORAGE YIELDS ARE FROM BREWTON, FAIRHOPE, HEADLAND, AND MONROEVILLE.

3/ TRITICALE FORAGE YIELDS ARE FROM FAIRHOPE ONLY.

TABLE 12. CHARACTERISTICS OF SMALL GRAINS TESTED IN LATE PLANTING
IN SOUTHERN ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY		1991 AVERAGE			
	LATE 1991	PLANTING 2-YR.	LODGING HEIGHT		1/10 HEADED	TEST WT.
	BU.	BU.	PCT.	IN.	DATE	LB./BU.
WHEAT						
COKER 9835	31	39	1	28	4- 6	45.5
COKER 9766	30	31	10	34	4- 9	42.9
TERRAL 877	29	-	21	36	4- 5	46.5
GA ANDY	26	30	9	32	3-27	46.3
FLORIDA 303	25	30	34	32	3-30	45.2
COKER 9105	25	30	34	34	4- 5	44.4
BAYLES	25	33	7	35	4- 5	42.2
FLORIDA 301	25	-	35	37	4- 1	46.8
MADISON	24	27	12	33	4- 5	44.3
COKER 983	24	22	20	31	4- 7	49.8
COKER 9733	22	28	32	37	4- 4	47.6
COKER 9907	21	-	39	31	4- 9	43.4
GA GORE	21	27	26	34	4- 9	41.8
GA 100	20	29	26	32	4- 5	41.9
FLORIDA 301H	20	28	37	35	4- 1	46.7
ST 363W	19	-	24	33	4- 8	42.9
TERRAL 812	19	20	26	35	4- 6	44.4
TRAVELER	19	23	54	32	4- 5	43.7
TERRAL 817	16	21	50	36	4- 8	41.0
C 87-13 WH	16	-	40	32	4- 7	41.8
WAKEFIELD	13	15	36	36	4-12	41.4
FLORIDA 302	12	16	51	35	4- 8	41.9
COKER 916	9	-	48	31	4- 9	39.3
WILLIAMS	5	11	33	34	4-14	35.0
TEST MEAN	21	26	29	33	4- 6	43.6
L.S.D. (.10)	4	6	-	-	-	-
C.V. (%)	16	17	-	-	-	-
OATS						
CITATION	72	73	57	44	4- 6	30.8
833	68	73	53	41	4-10	28.7
GA-MITCHEL	65	-	45	37	4- 9	32.8
COKER 227	59	69	69	43	4- 7	29.5
FLORIDA 502	55	54	34	37	4- 3	32.6
FLORIDA 501	54	56	77	42	4- 5	32.5
TEST MEAN	62	65	56	41	4- 6	31.1
L.S.D. (.10)	12	14	-	-	-	-
C.V. (%)	14	16	-	-	-	-
TRITICALE						
T-8910	31	-	42	37	3-23	41.7
SUNLAND	30	28	26	38	3-24	41.3
T-8913	29	-	39	36	3-23	41.4
T-8914	28	-	28	36	3-23	41.6
FLORIDA 201	26	35	49	40	3-24	39.3
BEAGLE 82	24	30	42	41	3-24	38.2
MORRISON	10	16	58	50	4-11	32.8
COUNCIL	8	12	36	48	4-10	32.6
STAN I	2	6	68	42	4-19	-
JENKINS	1	22	69	44	4-27	-
TEST MEAN	19	21	46	41	4- 2	38.6
L.S.D. (.10)	5	7	-	-	-	-
C.V. (%)	18	23	-	-	-	-

TABLE 13. PERFORMANCE OF SMALL GRAINS AT CAMDEN, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.	1991	3-YR. AV.
	1991	TEST WT.	3-YR. AV.	1991	TEST WT.	2-YR. AV.				
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
WHEAT										
COKER 983	50	51.9	23	32	47.3	19	19	12	-	-
COKER 9766	49	49.5	29	26	39.0	24	19	15	2,759	2,777
FFR 525W	46	48.5	18	-	-	-	-	-	3,562	-
SAVANNAH	43	49.1	-	-	-	-	-	-	-	-
FLORIDA 302	42	48.4	23	19	41.2	15	18	15	3,310	3,240
TERRAL 101	40	45.6	18	-	-	-	18	-	2,928	-
FFR 568W	40	47.8	-	-	-	-	-	-	-	-
TRAVELER	40	48.3	24	32	46.0	24	14	10	2,666	2,743
WAKEFIELD	40	47.8	-	26	43.0	13	14	-	-	-
MASSEY	39	47.6	20	-	-	-	14	12	3,113	3,043
GA GORE	39	46.7	-	26	43.0	15	-	-	3,142	-
PIONEER 2548	37	45.6	19	-	-	-	19	-	3,197	-
COKER 9733	32	50.1	24	28	49.9	26	13	9	2,854	-
FL 8172-698-L525	32	46.0	-	-	-	-	-	-	-	-
ABI 86-5941	28	41.5	-	-	-	-	-	-	-	-
STACY	27	46.3	13	-	-	-	16	13	3,173	2,970
WILLIAMS	27	44.4	13	5	34.8	3	12	13	3,247	3,137
AR 26415	24	42.4	-	-	-	-	-	-	-	-
PIONEER 2555	23	40.4	11	-	-	-	17	17	3,404	3,043
COMPTON	20	43.0	8	-	-	-	10	12	-	-
CHEROKEE	18	44.4	-	-	-	-	-	-	-	-
FFR 555W	17	38.4	-	-	-	-	-	-	-	-
CARDINAL	15	38.2	-	-	-	-	-	-	-	-
SALUDA	15	41.4	6	-	-	-	8	-	3,258	3,100
CALDWELL	8	42.4	3	-	-	-	8	11	-	-
BAYLES	-	-	-	31	42.4	26	17	-	3,474	-
MADISON	-	-	-	30	45.2	22	15	-	2,693	-
FLORIDA 303	-	-	-	31	46.7	32	14	-	2,423	2,599
GA 100	-	-	-	23	40.8	22	13	-	2,846	-
GA ANDY	-	-	-	27	48.2	21	12	-	2,408	-
TERRAL 812	-	-	-	25	43.5	15	-	-	3,283	-
COKER 9835	-	-	-	33	42.2	32	-	-	3,063	-
TERRAL 817	-	-	-	24	45.0	12	-	-	2,952	-
COKER 9105	-	-	-	32	45.8	26	-	-	2,893	-
FLORIDA 301	-	-	-	34	48.6	-	-	-	2,776	2,545
FLORIDA 301H	-	-	-	26	48.4	23	-	-	2,643	-
COKER 916	-	-	-	17	39.0	-	-	-	-	-
COKER 9907	-	-	-	25	40.4	-	-	-	-	-
C 87-13 WH	-	-	-	24	42.0	-	-	-	-	-
ST 350W	-	-	-	28	44.4	-	-	-	-	-
TERRAL 877	-	-	-	36	45.0	-	-	-	-	-
TEST MEAN	32	-	17	27	-	21	15	13	3,003	2,920
L.S.D. (.10)	6	-	5	4	-	4	3	4	488	484
C.V. (%)	13	-	21	12	-	13	17	22	12	12

CONTINUED

TABLE 13. PERFORMANCE OF SMALL GRAINS AT CAMDEN, ALABAMA, 1991

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.	1991	3-YR. AV.
	1991	TEST WT.	3-YR. AV.	1991	TEST WT.	2-YR. AV.				
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
OATS										
SIMPSON	91	29.5	63	-	-	-	-	-	3,919	3,929
COKER 716	88	29.5	58	-	-	-	-	-	3,790	4,090
CITATION	80	31.4	75	91	31.4	88	-	-	3,685	4,137
833	78	29.7	72	78	26.5	84	-	-	3,333	3,681
FFR SS 7630	78	33.4	60	-	-	-	-	-	3,492	3,834
OZARK	68	31.5	-	-	-	-	-	-	-	-
COKER 227	53	31.6	61	76	28.5	83	-	-	3,552	3,919
COKER 820	45	31.3	47	-	-	-	-	-	3,298	3,803
BOB	42	34.6	-	-	-	-	-	-	3,788	-
FLORIDA 501	-	-	-	66	30.4	68	-	-	3,085	3,334
FLORIDA 502	-	-	-	66	31.8	57	-	-	2,779	3,230
GA-MITCHEL	-	-	-	83	31.7	-	-	-	-	-
TEST MEAN	69	-	62	77	-	76	-	-	3,472	3,773
L.S.D. (.10)	13	-	14	13	-	15	-	-	507	524
C.V. (%)	13	-	17	12	-	15	-	-	10	10
RYE										
WINTERGRAZER 70	-	-	-	-	-	-	-	-	4,747	3,981
ELBON	-	-	-	-	-	-	-	-	4,210	-
AFC 20-10	-	-	-	-	-	-	-	-	4,125	-
MATON	-	-	-	-	-	-	-	-	4,096	3,705
GI 85	-	-	-	-	-	-	-	-	4,024	-
BONEL	-	-	-	-	-	-	-	-	4,020	3,948
GI 87	-	-	-	-	-	-	-	-	4,001	-
WREN'S ABRUZZI AL	-	-	-	-	-	-	-	-	3,994	-
FORAGER	-	-	-	-	-	-	-	-	3,839	-
GURLEY GRAZER 2000	-	-	-	-	-	-	-	-	3,536	-
TEST MEAN	-	-	-	-	-	-	-	-	4,059	3,878
L.S.D. (.10)	-	-	-	-	-	-	-	-	547	458
C.V. (%)	-	-	-	-	-	-	-	-	10	9
TRITICALE										
THOMAS	33	36.0	19	-	-	-	10	12	-	-
STAN II	24	-	21	-	-	-	6	-	-	-
MORRISON	23	-	19	10	-	14	12	12	-	-
COUNCIL	21	-	20	10	-	18	10	11	-	-
VICTORIA	14	29.8	15	-	-	-	7	-	-	-
JENKINS	7	-	17	2	-	20	5	-	-	-
BEAGLE 82	-	-	-	29	39.6	32	19	9	-	-
SUNLAND	-	-	-	36	44.8	28	17	-	-	-
FLORIDA 201	-	-	-	37	42.6	37	15	10	-	-
STAN I	-	-	-	4	-	4	5	-	-	-
T-8910	-	-	-	37	44.4	-	-	-	-	-
T-8913	-	-	-	35	44.2	-	-	-	-	-
T-8914	-	-	-	35	43.3	-	-	-	-	-
TEST MEAN	20	-	19	24	-	22	11	11	-	-
L.S.D. (.10)	5	-	7	5	-	7	3	4	-	-
C.V. (%)	18	-	30	15	-	25	21	29	-	-

TABLE 14. PERFORMANCE OF SMALL GRAINS AT MONROEVILLE, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991 TEST WT.		3-YR. AV.	1991 TEST WT.		2-YR. AV.		
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.		
WHEAT								
GA GORE	39	45.6	-	26	41.8	47	2,798	-
COKER 983	35	52.1	30	31	51.2	36	-	-
PIONEER 2548	34	48.2	31	-	-	-	2,590	-
COKER 9766	34	47.0	45	25	43.3	43	2,974	4,173
PIONEER 2555	34	46.9	31	-	-	-	2,768	4,893
FFR 525W	34	50.5	37	-	-	-	2,904	-
WAKEFIELD	34	47.9	-	14	42.4	25	-	-
WILLIAMS	33	48.1	34	8	35.7	21	2,893	4,704
FFR 568W	29	49.2	-	-	-	-	-	-
ABI 86-5941	29	45.7	-	-	-	-	-	-
MASSEY	28	47.4	34	-	-	-	3,622	4,555
TERRAL 101	28	45.2	28	-	-	-	2,432	-
SAVANNAH	26	47.5	-	-	-	-	-	-
FLORIDA 302	25	46.0	29	14	41.4	29	2,713	3,335
COKER 9733	24	49.1	33	29	49.8	43	2,591	-
SALLUDA	24	47.8	21	-	-	-	2,492	4,471
TRAVELER	24	45.9	30	22	42.2	39	2,766	3,453
STACY	23	46.9	28	-	-	-	2,735	4,738
AR 26415	22	44.4	-	-	-	-	-	-
CARDINAL	16	39.0	-	-	-	-	-	-
COMPTON	15	46.6	16	-	-	-	-	-
CALDWELL	12	37.5	16	-	-	-	-	-
ATW 270	11	43.4	-	-	-	-	-	-
CHEROKEE	10	39.0	-	-	-	-	-	-
FFR 555W	9	38.4	-	-	-	-	-	-
GA 100	-	-	-	27	43.2	50	3,058	-
COKER 9835	-	-	-	40	47.8	59	2,812	-
BAYLES	-	-	-	26	43.8	51	2,799	-
TERRAL 817	-	-	-	17	44.7	39	2,723	-
COKER 9105	-	-	-	32	47.9	47	2,704	-
MADISON	-	-	-	30	46.6	48	2,545	-
TERRAL 812	-	-	-	24	49.5	34	2,498	-
FLORIDA 301	-	-	-	27	49.9	-	2,082	3,069
FLORIDA 301H	-	-	-	26	48.9	47	1,992	-
GA ANDY	-	-	-	31	49.2	44	1,878	-
FLORIDA 303	-	-	-	34	47.4	47	1,679	2,664
COKER 916	-	-	-	12	40.5	-	-	-
COKER 9907	-	-	-	25	44.3	-	-	-
C 87-13 WH	-	-	-	19	43.7	-	-	-
ST 363W	-	-	-	26	46.8	-	-	-
TERRAL 877	-	-	-	31	48.7	-	-	-
TEST MEAN	25	-	29	25	-	42	2,627	4,006
L.S.D. (.10)	6	-	6	4	-	7	268	704
C.V. (%)	16	-	16	11	-	12	7	13
OATS								
COKER 227	-	-	-	53	29.7	75	3,177	5,009
FFR SS 7630	-	-	-	-	-	-	3,040	4,652
BOB	-	-	-	-	-	-	3,022	-
CITATION	-	-	-	58	27.8	74	2,988	4,635
COKER 716	-	-	-	-	-	-	2,975	4,319
SIMPSON	-	-	-	-	-	-	2,938	4,450
833	-	-	-	58	29.0	74	2,912	4,734
COKER 820	-	-	-	-	-	-	2,460	4,268
FLORIDA 502	-	-	-	55	33.0	65	2,180	3,524
FLORIDA 501	-	-	-	57	32.4	62	2,058	2,657
GA-MITCHEL	-	-	-	56	32.1	-	-	-
TEST MEAN	-	-	-	56	-	70	2,775	4,250
L.S.D. (.10)	-	-	-	13	-	16	410	636
C.V. (%)	-	-	-	16	-	16	10	11

CONTINUED

TABLE 14. PERFORMANCE OF SMALL GRAINS AT MONROEVILLE, ALABAMA, 1991

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991 LB.	3-YR. AV. LB.
	1991 TEST WT.	3-YR. AV.		1991 TEST WT.	2-YR. AV.			
	BU. LB./BU.	BU.		BU. LB./BU.	BU.			
RYE								
RGS 2001	-	-	-	-	-	-	3,684	-
GA WAHRC4	-	-	-	-	-	-	3,608	-
GURLEY GRAZER 2000	-	-	-	-	-	-	3,604	5,116
GI 87X	-	-	-	-	-	-	3,576	5,015
AFC 20-30	-	-	-	-	-	-	3,553	-
FORAGER	-	-	-	-	-	-	3,528	4,845
GA WAHRC3	-	-	-	-	-	-	3,518	-
FLORIDA 402	-	-	-	-	-	-	3,516	4,900
GI 85	-	-	-	-	-	-	3,499	5,055
GURLEY GRAZER 2000X	-	-	-	-	-	-	3,397	-
CGI 90	-	-	-	-	-	-	3,380	4,805
WREN'S ABRUZZI AL	-	-	-	-	-	-	3,377	-
GI 88	-	-	-	-	-	-	3,375	5,067
DOSSCO GRAZER II	-	-	-	-	-	-	3,354	4,819
WINTERGRAZER 70	-	-	-	-	-	-	3,353	4,909
NF 133	-	-	-	-	-	-	3,337	-
DOSSCO GRAZER III	-	-	-	-	-	-	3,294	-
GA WGBC4	-	-	-	-	-	-	3,247	-
VOLUNTEER MAGIC	-	-	-	-	-	-	3,245	-
AFC 20-10	-	-	-	-	-	-	3,196	4,857
AFC 20-20	-	-	-	-	-	-	3,153	4,924
GI 87	-	-	-	-	-	-	3,142	4,919
BONEL	-	-	-	-	-	-	3,059	4,900
ELBON	-	-	-	-	-	-	3,020	4,763
MATON	-	-	-	-	-	-	2,998	5,080
FLORIDA 401	-	-	-	-	-	-	2,632	3,667
TEST MEAN	-	-	-	-	-	-	3,332	4,853
L.S.D. (.10)	-	-	-	-	-	-	438	651
C.V. (%)	-	-	-	-	-	-	10	10
TRITICALE								
COUNCIL	-	-	-	9	32.4	16	-	-
BEAGLE 82	-	-	-	30	39.7	41	-	-
JENKINS	-	-	-	0	-	31	-	-
MORRISON	-	-	-	8	34.2	22	-	-
FLORIDA 201	-	-	-	25	39.8	46	-	-
STAN I	-	-	-	1	-	13	-	-
SUNLAND	-	-	-	36	44.2	35	-	-
T-8910	-	-	-	32	42.5	-	-	-
T-8913	-	-	-	32	42.4	-	-	-
T-8914	-	-	-	28	42.2	-	-	-
TEST MEAN	-	-	-	20	-	29	-	-
L.S.D. (.10)	-	-	-	4	-	5	-	-
C.V. (%)	-	-	-	13	-	12	-	-

TABLE 15. PERFORMANCE OF SMALL GRAINS AT BREWTON, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991	TEST WT.	3-YR. AV.	1991	TEST WT.	2-YR. AV.		
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	LB.	LB.
WHEAT								
COKER 983	31	49.3	27	28	50.9	30	-	-
TERRAL 101	29	44.5	25	-	-	-	2,255	-
FFR 568W	26	44.8	-	-	-	-	-	-
COKER 9766	25	42.4	38	43	48.8	41	3,038	3,220
GA GORE	24	44.0	-	20	40.5	27	2,624	-
FFR 525W	24	47.5	27	-	-	-	2,532	-
SAVANNAH	23	43.8	-	-	-	-	-	-
WAKEFIELD	23	46.3	-	7	38.8	19	-	-
PIONEER 2548	20	42.9	23	-	-	-	2,261	-
ABI 86-5941	16	41.5	-	-	-	-	-	-
PIONEER 2555	15	40.1	19	-	-	-	2,384	3,288
COKER 9733	14	44.0	26	17	46.8	25	2,851	-
FLORIDA 302	14	41.4	22	16	43.2	21	3,141	2,897
CHEROKEE	14	40.3	-	-	-	-	-	-
WILLIAMS	11	39.8	18	3	34.6	12	3,371	3,485
MASSEY	11	-	18	-	-	-	3,100	3,403
TRAVELER	10	39.2	22	21	42.9	26	2,930	3,196
STACY	9	42.2	20	-	-	-	3,117	3,559
COMPTON	8	43.8	11	-	-	-	-	-
CALDWELL	6	37.5	13	-	-	-	-	-
ATW 270	6	41.6	-	-	-	-	-	-
FFR 555W	5	38.2	-	-	-	-	-	-
AR 26415	5	39.9	-	-	-	-	-	-
SALUDA	5	41.6	12	-	-	-	2,737	2,987
CARDINAL	5	36.2	-	-	-	-	-	-
BAYLES	-	-	-	28	43.5	36	3,032	-
TERRAL 817	-	-	-	17	43.4	27	2,871	-
GA 100	-	-	-	19	43.0	31	2,870	-
COKER 9105	-	-	-	27	44.8	34	2,781	-
COKER 9835	-	-	-	31	47.1	41	2,735	-
FLORIDA 303	-	-	-	27	45.7	32	2,661	2,203
TERRAL 812	-	-	-	21	46.1	25	2,657	-
FLORIDA 301	-	-	-	27	47.4	-	2,541	2,545
FLORIDA 301H	-	-	-	21	47.0	30	2,485	-
MADISON	-	-	-	28	45.7	32	2,374	-
GA ANDY	-	-	-	29	45.8	30	2,273	-
COKER 916	-	-	-	6	38.3	-	-	-
COKER 9907	-	-	-	28	47.9	-	-	-
C 87-13 WH	-	-	-	14	39.8	-	-	-
ST 363W	-	-	-	16	41.7	-	-	-
TERRAL 877	-	-	-	34	49.2	-	-	-
TEST MEAN	15	-	21	22	-	29	2,734	3,078
L.S.D. (.10)	4	-	5	4	-	6	286	590
C.V. (%)	18	-	18	12	-	15	8	14
OATS								
CITATION	-	-	-	67	33.9	81	3,541	4,538
COKER 820	-	-	-	-	-	-	3,383	4,193
BOB	-	-	-	-	-	-	3,276	-
FFR SS 7630	-	-	-	-	-	-	3,209	4,061
SIMPSON	-	-	-	-	-	-	3,032	3,993
833	-	-	-	66	31.3	76	2,941	4,434
FLORIDA 501	-	-	-	62	35.7	67	2,929	2,847
COKER 227	-	-	-	52	31.4	70	2,829	4,078
COKER 716	-	-	-	-	-	-	2,747	4,093
FLORIDA 502	-	-	-	54	34.7	63	2,265	3,120
GA-MITCHEL	-	-	-	65	35.7	-	-	-
TEST MEAN	-	-	-	61	-	71	3,015	3,929
L.S.D. (.10)	-	-	-	6	-	11	338	702
C.V. (%)	-	-	-	7	-	11	8	13

TABLE 15. PERFORMANCE OF SMALL GRAINS AT BREWTON, ALABAMA, 1991

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991 TEST WT.	3-YR. AV.		1991	TEST WT.	2-YR. AV.		
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	LB.	LB.
RYE								
GA WGBC4	-	-	-	-	-	-	3,802	-
GI 85	-	-	-	-	-	-	3,755	4,049
WREN'S ABRUZZI AL	-	-	-	-	-	-	3,732	-
WINTERGRAZER 70	-	-	-	-	-	-	3,712	4,445
FORAGER	-	-	-	-	-	-	3,698	4,003
AFC 20-30	-	-	-	-	-	-	3,693	-
VOLUNTEER MAGIC	-	-	-	-	-	-	3,691	-
GA WAHRC4	-	-	-	-	-	-	3,647	-
GI 87	-	-	-	-	-	-	3,598	4,359
FLORIDA 402	-	-	-	-	-	-	3,589	4,164
CGI 90	-	-	-	-	-	-	3,587	4,267
GI 88	-	-	-	-	-	-	3,585	4,207
RGS 2001	-	-	-	-	-	-	3,561	-
GI 87X	-	-	-	-	-	-	3,535	4,421
GA WAHRC3	-	-	-	-	-	-	3,531	-
DOSSCO GRAZER II	-	-	-	-	-	-	3,526	4,234
GURLEY GRAZER 2000	-	-	-	-	-	-	3,513	4,202
DOSSCO GRAZER III	-	-	-	-	-	-	3,453	-
AFC 20-20	-	-	-	-	-	-	3,367	4,036
GURLEY GRAZER 2000X	-	-	-	-	-	-	3,343	-
FLORIDA 401	-	-	-	-	-	-	3,280	2,979
BONEL	-	-	-	-	-	-	3,258	4,230
AFC 20-10	-	-	-	-	-	-	3,256	4,232
ELBON	-	-	-	-	-	-	3,251	4,222
MATON	-	-	-	-	-	-	3,219	4,282
NF 133	-	-	-	-	-	-	3,213	-
TEST MEAN	-	-	-	-	-	-	3,515	4,146
L.S.D. (.10)	-	-	-	-	-	-	384	490
C.V. (%)	-	-	-	-	-	-	8	9
TRITICALE								
COUNCIL	-	-	-	6	32.7	9	-	-
BEAGLE 82	-	-	-	21	37.4	26	-	-
JENKINS	-	-	-	0	-	21	-	-
MORRISON	-	-	-	7	34.7	11	-	-
FLORIDA 201	-	-	-	16	37.5	31	-	-
STAN I	-	-	-	1	-	6	-	-
SUNLAND	-	-	-	21	40.2	23	-	-
T-8910	-	-	-	27	40.5	-	-	-
T-8913	-	-	-	28	39.1	-	-	-
T-8914	-	-	-	22	40.7	-	-	-
TEST MEAN	-	-	-	15	-	18	-	-
L.S.D. (.10)	-	-	-	3	-	4	-	-
C.V. (%)	-	-	-	16	-	18	-	-

TABLE 16. PERFORMANCE OF SMALL GRAINS AT HEADLAND, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991 TEST WT.		3-YR. AV.	1991 TEST WT.		2-YR. AV.		
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	LB.	LB.
WHEAT								
COKER 983	36	48.8	17	5	-	5	-	-
COKER 9766	30	41.8	26	25	40.6	18	5,147	4,639
WAKEFIELD	26	43.2	-	3	-	3	-	-
MASSEY	24	44.8	19	-	-	-	4,808	4,542
GA GORE	24	43.4	-	13	42.0	18	5,333	-
SAVANNAH	22	43.8	-	-	-	-	-	-
WILLIAMS	21	43.2	18	4	-	6	4,667	5,345
FFR 525W	21	41.8	13	-	-	-	4,056	-
TERRAL 101	20	40.8	10	-	-	-	3,818	-
PIONEER 2555	20	42.0	15	-	-	-	4,329	4,458
COKER 9733	16	43.0	19	16	44.0	17	4,329	-
ABI 86-5941	16	42.8	-	-	-	-	-	-
FLORIDA 302	14	-	9	0	-	1	4,698	3,624
FFR 568W	14	42.0	-	-	-	-	-	-
STACY	14	37.0	13	-	-	-	5,355	4,575
TRAVELER	13	42.0	10	0	-	2	3,756	3,422
FFR 555W	11	38.2	-	-	-	-	-	-
CALDWELL	10	37.8	7	-	-	-	-	-
SALUDA	10	41.0	5	-	-	-	4,212	3,742
COMPTON	10	43.2	8	-	-	-	-	-
AR 26415	10	42.2	-	-	-	-	-	-
ATW 270	9	41.0	-	-	-	-	-	-
PIONEER 2548	9	39.2	5	-	-	-	3,640	-
CHEROKEE	7	39.4	-	-	-	-	-	-
CARDINAL	6	40.4	-	-	-	-	-	-
BAYLES	-	-	-	15	39.2	19	5,376	-
COKER 9835	-	-	-	20	44.8	23	4,533	-
GA 100	-	-	-	13	40.4	15	4,521	-
TERRAL 812	-	-	-	5	38.6	4	4,402	-
COKER 9105	-	-	-	9	39.2	15	4,373	-
MADISON	-	-	-	8	39.8	6	4,291	-
TERRAL 817	-	-	-	6	31.0	7	4,268	-
GA ANDY	-	-	-	17	42.0	24	3,718	-
FLORIDA 303	-	-	-	9	40.8	12	3,472	2,849
FLORIDA 301	-	-	-	10	41.4	-	3,052	3,194
FLORIDA 301H	-	-	-	8	42.4	13	2,647	-
COKER 916	-	-	-	0	-	-	-	-
COKER 9907	-	-	-	7	40.8	-	-	-
C 87-13 WH	-	-	-	5	-	-	-	-
ST 363W	-	-	-	5	38.6	-	-	-
TERRAL 877	-	-	-	13	43.0	-	-	-
TEST MEAN	16	-	13	9	-	11	4,283	4,039
L.S.D. (.10)	10	-	7	6	-	6	663	847
C.V. (%)	43	-	42	47	-	41	11	15
OATS								
FFR SS 7630	14	-	29	-	-	-	5,289	5,910
833	14	-	50	71	28.0	55	4,344	5,638
CITATION	12	-	49	71	30.1	51	5,419	6,392
COKER 716	10	-	18	-	-	-	4,262	5,374
OZARK	9	-	-	-	-	-	-	-
BOB	9	-	-	-	-	-	4,473	-
COKER 227	8	-	42	57	28.2	49	5,264	5,857
SIMPSON	8	-	23	-	-	-	4,576	5,524
COKER 820	8	-	37	-	-	-	4,723	5,973
FLORIDA 501	-	-	-	32	31.3	27	5,293	5,877
FLORIDA 502	-	-	-	46	31.0	30	4,978	5,800
GA-MITCHEL	-	-	-	56	31.5	-	-	-
TEST MEAN	10	-	36	55	-	42	4,862	5,816
L.S.D. (.10)	5	-	14	18	-	16	540	736
C.V. (%)	34	-	30	21	-	28	8	9

CONTINUED

TABLE 16. PERFORMANCE OF SMALL GRAINS AT HEADLAND, ALABAMA, 1991

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991	TEST WT.	3-YR. AV.	1991	TEST WT.	2-YR. AV.		
BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	LB.	LB.	
RYE								
ELBON	-	-	-	-	-	-	7,075	6,774
GURLEY GRAZER 2000	-	-	-	-	-	-	7,019	6,751
RGS 2001	-	-	-	-	-	-	6,998	-
GA WAHRC3	-	-	-	-	-	-	6,995	-
AFC 20-10	-	-	-	-	-	-	6,955	6,497
WINTERGRAZER 70	-	-	-	-	-	-	6,947	6,775
VOLUNTEER MAGIC	-	-	-	-	-	-	6,867	-
GI 87	-	-	-	-	-	-	6,835	6,855
MATON	-	-	-	-	-	-	6,812	6,612
BONEL	-	-	-	-	-	-	6,715	6,467
AFC 20-30	-	-	-	-	-	-	6,713	-
DOSSCO GRAZER II	-	-	-	-	-	-	6,657	6,983
GI 85	-	-	-	-	-	-	6,616	6,553
GI 88	-	-	-	-	-	-	6,466	5,875
GI 87X	-	-	-	-	-	-	6,428	6,623
AFC 20-20	-	-	-	-	-	-	6,424	6,383
NF 133	-	-	-	-	-	-	6,416	-
GA WAHRC4	-	-	-	-	-	-	6,382	-
WREN'S ABRUZZI AL	-	-	-	-	-	-	6,380	-
DOSSCO GRAZER III	-	-	-	-	-	-	6,350	-
CGI 90	-	-	-	-	-	-	6,258	6,545
GURLEY GRAZER 2000X	-	-	-	-	-	-	6,213	-
FORAGER	-	-	-	-	-	-	6,000	6,606
GA WGBC4	-	-	-	-	-	-	5,929	-
FLORIDA 401	-	-	-	-	-	-	5,890	6,515
FLORIDA 402	-	-	-	-	-	-	5,385	6,260
TEST MEAN	-	-	-	-	-	-	6,528	6,567
L.S.D. (.10)	-	-	-	-	-	-	940	1,099
C.V. (%)	-	-	-	-	-	-	11	12
TRITICALE								
MORRISON	16	36.8	23	14	29.4	17	-	-
COUNCIL	11	34.4	15	8	-	7	-	-
STAN II	11	34.2	21	-	-	-	-	-
THOMAS	10	-	13	-	-	-	-	-
VICTORIA	7	-	13	-	-	-	-	-
JENKINS	5	-	15	2	-	18	-	-
BEAGLE 82	-	-	-	14	36.2	21	-	-
FLORIDA 201	-	-	-	25	37.2	27	-	-
STAN I	-	-	-	3	-	2	-	-
SUNLAND	-	-	-	26	35.8	24	-	-
T-8910	-	-	-	27	39.4	-	-	-
T-8913	-	-	-	21	39.8	-	-	-
T-8914	-	-	-	26	40.0	-	-	-
TEST MEAN	10	-	17	16	-	17	-	-
L.S.D. (.10)	4	-	8	7	-	9	-	-
C.V. (%)	31	-	35	28	-	38	-	-

TABLE 17. PERFORMANCE OF SMALL GRAINS AT FAIRHOPE, ALABAMA, 1991

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE						FORAGE ONLY YIELD/ACRE	
	REGULAR PLANTING			LATE PLANTING			1991	3-YR. AV.
	1991 TEST WT.	3-YR. AV.		1991 TEST WT.	2-YR. AV.			
	BU.	LB./BU.	BU.	BU.	LB./BU.	BU.	LB.	LB.
<u>OATS</u>								
CITATION	-	-	-	-	-	-	3,829	5,217
COKER 227	-	-	-	-	-	-	3,649	5,055
FFR SS 7630	-	-	-	-	-	-	3,639	4,730
833	-	-	-	-	-	-	3,331	4,735
SIMPSON	-	-	-	-	-	-	3,250	4,310
FLORIDA 501	-	-	-	-	-	-	2,915	3,474
COKER 820	-	-	-	-	-	-	2,522	4,281
FLORIDA 502	-	-	-	-	-	-	2,517	3,906
BOB	-	-	-	-	-	-	2,448	-
COKER 716	-	-	-	-	-	-	2,304	3,865
TEST MEAN	-	-	-	-	-	-	3,040	4,397
L.S.D. (.10)	-	-	-	-	-	-	431	710
C.V. (%)	-	-	-	-	-	-	10	12
<u>RYE</u>								
ELBON	-	-	-	-	-	-	4,510	4,855
GI 85	-	-	-	-	-	-	4,396	4,748
MATON	-	-	-	-	-	-	4,326	4,874
DOSSCO GRAZER II	-	-	-	-	-	-	4,314	4,709
GI 87	-	-	-	-	-	-	4,296	4,664
AFC 20-10	-	-	-	-	-	-	4,292	4,705
GURLEY GRAZER 2000	-	-	-	-	-	-	4,285	4,684
AFC 20-20	-	-	-	-	-	-	4,281	4,691
WINTERGRAZER 70	-	-	-	-	-	-	4,260	4,935
VOLUNTEER MAGIC	-	-	-	-	-	-	4,251	-
NF 133	-	-	-	-	-	-	4,154	-
CGI 90	-	-	-	-	-	-	4,148	4,597
GI 87X	-	-	-	-	-	-	4,115	4,769
AFC 20-30	-	-	-	-	-	-	4,046	-
RGS 2001	-	-	-	-	-	-	4,038	-
GI 88	-	-	-	-	-	-	3,996	4,554
BONEL	-	-	-	-	-	-	3,925	4,743
GA WBC4	-	-	-	-	-	-	3,922	-
FLORIDA 402	-	-	-	-	-	-	3,842	4,140
DOSSCO GRAZER III	-	-	-	-	-	-	3,824	-
GA WAHRC4	-	-	-	-	-	-	3,814	-
GURLEY GRAZER 2000X	-	-	-	-	-	-	3,809	-
WREN'S ABRUZZI AL	-	-	-	-	-	-	3,704	-
FORAGER	-	-	-	-	-	-	3,661	4,286
GA WAHRC3	-	-	-	-	-	-	3,436	-
FLORIDA 401	-	-	-	-	-	-	2,626	3,169
TEST MEAN	-	-	-	-	-	-	4,010	4,570
L.S.D. (.10)	-	-	-	-	-	-	544	569
C.V. (%)	-	-	-	-	-	-	10	9
<u>TRITICALE</u>								
STAN II	-	-	-	-	-	-	3,905	4,439
THOMAS	-	-	-	-	-	-	3,893	3,993
MORRISON	-	-	-	-	-	-	3,657	4,178
STAN I	-	-	-	-	-	-	3,584	3,477
COUNCIL	-	-	-	-	-	-	3,406	3,982
VICTORIA	-	-	-	-	-	-	3,307	3,209
JENKINS	-	-	-	-	-	-	2,899	2,319
FLORIDA 201	-	-	-	-	-	-	2,769	2,363
SUNLAND	-	-	-	-	-	-	2,674	3,195
BEAGLE 82	-	-	-	-	-	-	2,526	2,925
TEST MEAN	-	-	-	-	-	-	3,262	3,408
L.S.D. (.10)	-	-	-	-	-	-	470	408
C.V. (%)	-	-	-	-	-	-	10	9

Table 18. Septoria Blotch Ratings for Wheat Varieties in Alabama, 1990-91^{1/}

Brand-variety	North	Central	South	
			Regular planting	Late planting
ABI 86-5941	4.0	3.8	4.0	-
AR 26415	7.3	4.8	4.0	-
ATW 270	5.7	-	8.0	-
Bayles	9.0	6.5	-	5.2
C 87-13 WH	5.3	3.0	-	4.4
Caldwell	3.7	2.8	3.0	-
Cardinal	3.3	2.8	4.0	-
Cherokee	6.3	4.3	5.0	-
Coker 916	7.3	5.3	-	4.2
Coker 983	5.0	5.3	6.0	4.0
Coker 9105	5.7	4.3	-	4.0
Coker 9733	6.0	6.5	7.4	4.6
Coker 9766	4.7	4.8	5.4	2.8
Coker 9835	6.3	4.8	-	4.0
Coker 9907	5.3	4.8	-	3.0
Compton	5.0	3.0	4.2	-
FFR 525W	6.7	4.8	5.8	-
FFR 555W	4.7	3.8	5.0	-
FFR 568W	6.7	4.8	5.2	-
Florida 301	-	-	-	5.4
Florida 301H	-	-	-	5.6
Florida 302	6.7	6.5	7.0	5.5
Florida 303	-	7.0	-	6.2
GA Andy	7.0	7.0	-	7.0
GA Gore	5.3	3.5	4.4	2.2
GA 100	9.0	6.8	-	4.8
Madison	6.7	5.5	-	5.0
Massey	6.3	6.3	6.5	-
Pioneer 2548	4.7	5.3	4.8	-
Pioneer 2555	6.3	3.8	4.4	-
Saluda	5.3	4.3	4.8	-
Savannah	5.3	3.8	6.4	-
ST 363W	5.3	5.0	-	4.0
Stacy	6.0	3.7	5.0	-
Terral 101	5.7	5.3	3.8	-
Terral 812	-	4.0	-	3.2
Terral 817	-	6.5	-	3.2
Terral 877	5.3	5.3	-	4.4
Traveler	7.7	6.8	7.4	4.8
Tyler	5.7	-	-	-
Wakefield	6.0	4.8	5.6	2.8
Williams	7.3	4.8	5.0	5.4

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 19. Leaf Rust Ratings for Wheat Varieties in Alabama, 1990-91^{1/}

Brand-variety	North	Central	South	
			Regular planting	Late planting
ABI 86-5941	1.3	0	4.0	-
AR 26415	2.7	6.0	6.6	-
ATW 270	1.0	-	0	-
Bayles	7.0	2.8	-	3.6
C 87-13 WH	.3	1.0	-	.4
Caldwell	1.7	.8	3.6	-
Cardinal	0	0	3.0	-
Cherokee	1.0	0	2.4	-
Coker 916	2.7	5.0	-	2.8
Coker 983	.3	1.5	5.2	3.4
Coker 9105	.3	1.8	-	1.4
Coker 9733	.7	2.7	4.7	3.8
Coker 9766	0	0	3.4	.6
Coker 9835	1.7	1.0	-	.8
Coker 9907	0	0	-	.2
Compton	.3	2.8	5.8	-
FFR 525W	2.3	2.5	6.0	-
FFR 555W	1.7	4.5	5.6	-
FFR 568W	2.0	5.8	7.4	-
Florida 301	-	-	-	4.0
Florida 301H	-	-	-	4.8
Florida 302	2.7	5.0	6.8	6.2
Florida 303	-	1.3	-	2.4
GA Andy	1.0	3.0	-	5.0
GA Gore	1.0	1.5	.8	.8
GA 100	2.5	4.5	-	4.0
Madison	2.0	4.3	-	4.8
Massey	6.3	6.3	8.4	-
Pioneer 2548	1.3	3.0	5.8	-
Pioneer 2555	2.3	3.5	6.0	-
Saluda	4.3	5.5	6.5	-
Savannah	0	3.	2.8	-
ST 363W	1.3	4.8	-	5.0
Stacy	4.0	4.8	7.0	-
Terral 101	0	1.0	2.2	-
Terral 812	-	2.3	-	2.8
Terral 817	-	1.5	-	.4
Terral 877	0	1.3	-	3.8
Traveler	4.0	7.0	7.3	4.6
Tyler	3.3	-	-	-
Wakefield	0	2.3	4.0	3.2
Williams	3.7	5.0	6.6	5.8

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 20. Powdery Mildew Ratings for Wheat Varieties in Alabama, 1990-91^{1/}

Brand-variety	North	Central	South	
			Regular planting	Late planting
ABI 86-5941	2.3	3.0	1.3	-
AR 26415	2.3	2.7	0	-
ATW 270	1.0	-	0	-
Bayles	0	0	-	.7
C 87-13 WH	2.0	3.3	-	1.8
Caldwell	3.3	3.0	1.3	-
Cardinal	2.3	1.5	2.5	-
Cherokee	1.7	1.5	0	-
Coker 916	1.7	2.3	-	2.0
Coker 983	0	0	.3	0
Coker 9105	0	1.3	-	3.3
Coker 9733	1.7	2.0	2.5	5.0
Coker 9766	2.0	4.0	2.3	2.0
Coker 9835	2.0	3.5	-	3.8
Coker 9907	0	0	-	3.2
Compton	2.0	3.3	0	-
FFR 525W	5.0	5.5	3.0	-
FFR 555W	2.3	0	0	-
FFR 568W	1.3	2.3	0	-
Florida 301	-	-	-	0
Florida 301H	-	-	-	2.7
Florida 302	2.0	2.0	3.0	0
Florida 303	-	1.5	-	0
GA Andy	0	1.5	-	0
GA Gore	1.0	0	1.4	.3
GA 100	0	2.0	-	1.7
Madison	2.7	1.8	-	1.7
Massey	3.0	0	0	-
Pioneer 2548	2.3	3.3	0	-
Pioneer 2555	1.3	1.5	0	-
Saluda	2.7	2.7	3.0	-
Savannah	0	0	1.3	-
ST 363W	2.7	2.0	-	0
Stacy	0	0	0	-
Terral 101	2.7	1.8	4.3	-
Terral 812	-	3.0	-	0
Terral 817	-	1.5	-	.6
Terral 877	1.7	1.8	-	2.5
Traveler	0	2.3	-	1.7
Tyler	2.0	-	-	-
Wakefield	1.0	0	0	0
Williams	1.3	1.3	0	0

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 21. Barley Yellow Dwarf Ratings for Wheat Varieties in Alabama, 1990-91^{1/}

Brand-variety	North	Central	South	
			Regular planting	Late planting
ABI 86-5941	1.8	1.0	0	-
AR 26415	1.3	0	0	-
ATW 270	.7	-	0	-
Bayles	4.0	3.1	-	3.0
C 87-13 WH	2.0	1.4	-	.1
Caldwell	.5	0	0	-
Cardinal	2.0	.1	0	-
Cherokee	3.3	1.0	.1	-
Coker 916	2.7	1.3	-	1.0
Coker 983	1.3	1.0	.1	0
Coker 9105	1.3	0	-	0
Coker 9733	2.3	2.8	0	.1
Coker 9766	3.5	3.1	1.3	2.0
Coker 9835	2.7	2.9	-	.1
Coker 9907	1.0	2.6	-	.1
Compton	.2	.1	0	-
FFR 525W	2.3	.4	3.0	-
FFR 555W	1.0	.5	.1	-
FFR 568W	3.3	1.5	.7	-
Florida 301	-	-	-	.1
Florida 301H	-	-	-	.2
Florida 302	1.0	.2	0	0
Florida 303	-	.1	-	0
GA Andy	2.3	.8	-	.1
GA Gore	2.7	1.4	0	.1
GA 100	4.8	4.8	-	1.0
Madison	2.3	1.3	-	.1
Massey	3.0	.7	0	-
Pioneer 2548	0	0	.1	-
Pioneer 2555	1.7	2.9	1.0	-
Saluda	1.7	.3	0	-
Savannah	2.3	2.0	.1	-
ST 363W	.7	.8	-	.1
Stacy	4.3	2.8	.3	-
Terral 101	1.7	.1	0	-
Terral 812	-	3.3	-	2.0
Terral 817	-	2.1	-	0
Terral 877	0	0	-	0
Traveler	2.5	0	0	0
Tyler	2.0	-	-	-
Wakefield	3.0	1.8	0	0
Williams	3.7	2.3	0	0

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 22. Disease Ratings for Barley Varieties in Northern Alabama, 1990-91^{1/}

Brand-variety	Stripe	Spot blotch	Net blotch	Septoria	Scald
Anson	1.3	3.3	3.7	4.3	2.3
Barsoy	1.3	2.0	2.7	4.0	2.3
Keowee	0	.7	2.3	2.7	1.7
Perry	0	3.3	6.0	4.3	.3
SC 82-1445	.3	3.3	4.7	2.3	3.0
Schochoh	3.3	4.3	5.7	4.0	.3
Sussex	.5	2.0	3.0	3.5	0
Wysor	.3	.7	2.7	5.3	.3

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 23. Disease Ratings for Triticale Varieties in Alabama, 1990-91^{1/}

Brand-variety	Leaf rust	Septoria
<u>Northern Alabama</u>		
Council	0	2.7
Jenkins	0	3.7
Morrison	0	3.3
Stan I	0	1.3
Stan II	0	2.3
Sunland	0	7.0
Thomas	0	5.7
Victoria	0	4.0
<u>Central Alabama</u>		
Beagle 82	0	5.8
Council	0	3.5
Florida 201	0	7.0
Jenkins	0	2.5
Morrison	0	2.0
Stan I	0	2.5
Stan II	0	4.3
Sunland	0	6.8
T-8910	0	6.8
T-8913	0	5.8
T-8914	0	6.5
Thomas	0	4.5
Victoria	0	4.8
<u>Southern Alabama</u>		
<u>1st planting</u>		
Council	0	5.8
Jenkins	0	3.2
Morrison	0	5.4
Stan II	.3	6.4
Thomas	1.0	5.4
Victoria	.8	7.2
<u>2nd planting</u>		
Beagle 82	.6	6.2
Council	0	3.8
Florida 201	2.4	6.6
Jenkins	0	3.2
Morrison	0	3.8
Stan I	0	5.2
Sunland	.2	5.6
T-8910	.8	6.4
T-8913	1.8	6.8
T-8914	1.0	6.6

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 24. Disease Ratings for Oat Varieties in Alabama, 1990-91^{1/}

Brand- variety	Helminthosporium leaf spot	Leaf rust	Barley yellow dwarf	Septoria
<u>Northern Alabama</u>				
Bob	1.7	0	4.7	1.0
Citation	2.7	0	3.3	.7
Coker 227	3.0	0	4.3	.7
Coker 716	1.0	0	3.7	1.0
Coker 820	2.7	0	2.7	.7
FFR SS 7630	2.3	0	3.5	.7
Florida 501	1.7	0	5.5	.7
Florida 502	1.3	0	5.7	1.0
GA T81-1249	3.7	0	5.0	1.0
Ozark	2.7	0	2.8	1.7
Simpson	2.7	0	4.7	2.0
833	1.0	0	1.7	1.0
<u>Central Alabama</u>				
Bob	5.3	0	4.3	1.0
Citation	2.7	0	2.0	1.0
Coker 227	3.3	0	2.3	1.0
Coker 716	3.0	0	1.3	1.0
Coker 820	3.7	0	4.0	3.5
FFR SS 7630	4.3	0	3.0	1.0
Florida 501	5.7	0	3.7	2.0
Florida 502	4.7	0	2.3	1.0
GA T81-1249	6.0	0	5.3	1.0
Ozark	2.7	0	3.0	1.0
Simpson	4.3	0	2.3	1.0
833	3.0	0	2.3	3.0
<u>Southern Alabama</u>				
<u>1st planting</u>				
Bob	3.5	4.8	.9	2.0
Citation	3.0	4.6	1.0	1.8
Coker 227	2.8	2.6	1.1	1.8
Coker 716	3.5	4.8	1.0	1.5
Coker 820	4.0	3.2	1.5	2.3
FFR SS 7630	3.5	5.1	1.1	2.0
Ozark	2.5	3.8	.5	1.8
Simpson	3.8	4.7	1.2	1.8
833	3.0	2.0	.8	1.5
<u>2nd planting</u>				
Citation	2.0	1.8	1.4	1.2
Coker 227	1.2	1.2	1.6	1.2
Florida 501	1.4	1.6	1.3	1.0
Florida 502	2.4	1.8	1.3	1.4
GA T81-1249	2.0	1.6	.2	1.2
833	1.4	1.6	.3	1.0

^{1/}0-10 scale; 0 = no disease, 10 = severe disease.

Table 25. Frost damage to Small Grain Varieties in Central Alabama, 1991^{1/}

Brand- variety	Frost rating by locations		
	Tallasse	Marion Junction	Prattville
<u>Oats</u>			
Bob	4.6	1.7	2.7
Citation	6.0	2.5	2.0
Coker 227	4.6	1.8	2.7
Coker 716	5.4	1.8	1.8
Coker 820	6.6	4.2	5.8
FFR SS-7630	6.0	1.7	2.3
Florida 501	6.0	4.2	2.3
Florida 502	5.4	3.5	3.0
Ga T81-1241	6.0	2.3	4.8
Ozark	4.0	1.5	2.2
Simpson	4.0	2.5	2.0
833	4.6	2.0	2.5
<u>Wheat</u>			
ABI 865941	2.6	1.0	1.0
AR 26415	4.0	1.0	2.8
Bayles	6.0	3.3	2.8
C 87-13 WH	5.0	1.3	1.0
Caldwell	2.6	1.0	1.0
Cardinal	2.6	1.0	1.0
Cherokee	1.0	1.0	1.0
Coker 9105	6.0	2.8	6.7
Coker 916	2.6	1.5	1.0
Coker 9733	6.0	5.0	6.5
Coker 9766	4.6	2.5	2.0
Coker 983	4.6	2.3	1.7
Coker 9835	5.4	3.7	4.8
Coker 9907	5.4	1.8	1.0
Compton	3.4	1.0	1.0
FFR 525W	4.0	1.3	1.2
FFR 555W	4.0	3.2	1.0
FFR 568W	4.6	2.0	1.2
Florida 302	6.0	2.8	4.2
Florida 303	4.0	8.5	8.2
GA Andy	6.0	8.5	7.6
GA Gore	3.4	1.5	1.0
GA 100	4.6	3.0	1.8
Madison	4.6	1.6	1.5
Massey	4.6	2.0	1.8
Pioneer 2548	3.4	1.0	1.0
Pioneer 2555	4.0	1.0	1.0
Saluda	4.0	1.0	1.0
Savannah	4.6	3.7	5.0
ST 363W	4.0	1.2	1.0
Stacy	2.6	1.0	1.0
Terral 101	3.4	1.0	1.0
Terral. 812	4.6	3.3	3.2

(Cont'd)

Table 25 (cont'd). Frost damage to Small Grain Varieties in Central Alabama, 1991^{1/}

Brand- variety	Frost rating by locations		
	Tallassee	Marion Junction	Prattville
<u>Wheat</u>			
Terral 817	3.4	1.8	1.2
Terral 877	5.4	4.3	6.0
Traveler	4.6	4.8	5.0
Wakefield	4.0	1.0	1.0
Williams	3.4	1.3	1.0
<u>Triticale</u>			
Beagle 82	4.0	8.3	7.5
Council	2.6	2.0	1.8
Florida 201	3.4	7.8	8.3
Jenkins	1.0	1.0	1.0
Morrison	2.6	1.7	1.7
Stan I	2.6	-	1.2
Stan II	4.0	-	2.5
Sunland	6.0	-	8.5
T-8910	5.4	-	7.8
T-8913	4.0	-	7.5
T-8914	6.6	-	7.8
Thomas	1.0	1.7	1.3
Victoria	4.6	-	4.3

^{1/}1-10 scale; 1 = no frost damage, 10 = completely killed.
 Rating dates: Prattville and Marion Junction, March 20 and
 Tallassee, February 18.

VARIETIES RECOMMENDED FOR GRAIN ONLY

Recommendations are based on 3-year regional average yields of grain. Varieties are listed in descending order of yield. For disease ratings, see tables 18-24. For lodging, plant height, and maturity ratings, see tables 2, 6, and 11.

WHEAT

NORTH

Pioneer 2548
Florida 302
Terral 101
Coker 983
FFR 525W
Coker 9733
Coker 9766
Pioneer 2555
Saluda
Tyler*
Wakefield**

CENTRAL

Pioneer 2548
Coker 9766
FFR 525W
Pioneer 2555
Terral 101
Coker 916
Coker 983
Florida 302
Saluda
Williams
Wakefield**

SOUTH

Coker 9766
Coker 9733
Coker 983
FFR 525W
Massey
Traveler
Florida 302
Williams
Pioneer 2548
Coker 9835**(late)
GA Gore**

OATS

NORTH

FFR SS 7630
Citation
Coker 716
833
Simpson

CENTRAL

Citation
833
Coker 227
Simpson
Coker 716

SOUTH

Citation
833
Coker 227

TRITICALE

NORTH

Morrison
Thomas
Stan I
Stan II

CENTRAL

Morrison
Thomas
Stan I
Stan II

SOUTH

Florida 201
Beagle 82
Sunland
Morrison
Stan II

BARLEY

NORTH

Wysor
Sussex
Barsoy

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

**Conditionally recommended on 2 years' data.

For those who wish to graze small grains before grain harvest, 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 grain or forage to the individual farmer should be the major consideration for varietal selection.

VARIETIES RECOMMENDED FOR FORAGE ONLY

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

WHEAT

NORTH

Caldwell+
Williams
Massey
Saluda
Stacy
Pioneer 2555
McNair 1003
Compton*+
Tyler
Pioneer 2548**

CENTRAL

Saluda
Williams
Stacy
Caldwell+
Pioneer 2555+
Massey

SOUTH

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

OATS

NORTH

FFR SS 7630
Coker 716
Simpson
Coker 227
833

CENTRAL

FFR SS 7630
Coker 227
Coker 716
833
Simpson
Citation

SOUTH

Citation
Coker 227
FFR SS 7630
833
Coker 820
Simpson
Coker 716

TRITICALE

NORTH

Thomas
Stan I
Morrison
Council

CENTRAL

Council
Stan II
Jenkins
Stan I
Morrison
Thomas

SOUTH

Stan II
Morrison
Thomas
Council
Stan I

BARLEY

NORTH

Wysor
Sussex

Continued

RYE

NORTH

Wintergazer 70
Maton
Volunteer Magic
AFC 20-20
Bonel
AFC 20-30
GI 87X
AFC 20-10
AFC 20-20X
CGI 90
Elbon
Dossco Grazer II
GI 85
GI 88
GI 87
Gurley Grazer 2000
Forager

CENTRAL

AFC 20-10
Volunteer Magic
Bonel
Maton
Wintergazer 70
Gurley Grazer 2000
GI 87
GI 85*
AFC 20-20*
Elbon*
GI 87X*

SOUTH

Wintergrazer 70
Maton
GI 87X
GI 87
Gurley Grazer 2000
Dossco Grazer II
Elbon
GI 85
Bonel
AFC 20-10
AFC 20-30**
Volunteer Magic**

*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

AR 26415	Univ. of Arkansas Fayetteville, Arkansas
ATW 270	AgraTech Seeds, McCordsville, Indiana
Caldwell, Cardinal	Univ. of Missouri Columbia, Missouri
Bayles, GA Andy, GA Gore, GA 100	Univ. of Georgia, Georgia Station Griffin, Georgia
Coker (all varieties, brands and hybrids), C 87-13WH	Northup King Co. Grifton, North Carolina
Compton	Department of Agronomy, University of Kentucky Lexington, Kentucky
FFR 525W, FFR 568W, FFR 555W	FFR Cooperation West Lafayette, Indiana
Florida 301, Florida 301H, Florida 302, Florida 303	Univ. of Florida Agric. Res. Ctr. Quincy, Florida
Massey, Saluda, Madison, Wakefield	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Pioneer Brand 2548 and 2555	Pioneer Hi-Bred International, Inc. Tipton, Indiana
ST 363W	Stoneville Pedigreed Seed Co., Inc. Stoneville, Mississippi
Stacy	Georgia Seed Development Comm. Athens, Georgia
Terral 101, Terral 812, Terral 817, Terral 877	Terral-Norris Seed Co. Lake Providence, Louisiana
Traveler, Savannah Cherokee, ABI 86-5941	AgriPro Research Brookston, Indiana
Tyler	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Williams	South Carolina Crop Impr. Assoc. Clemson, South Carolina

OATS

Bob, Ozark

Univ. of Arkansas
Fayetteville, Arkansas

Citation

Terral-Norris Seed Co.
Lake Providence, Louisiana

Coker (all varieties, brands
and hybrids)

Northrup King Co.
Grifton, North Carolina

FFR SS 7630

Alabama Farmer's Coop., Inc.
Decatur, Alabama

Florida 501, Florida 502

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

GA T81-1249

Coastal Plain Experiment Station
Tifton, Georgia

Simpson

South Carolina Crop Impr. Assoc.
Clemson, South Carolina

833

Arkansas County Seed
Stuttgart, Arkansas

RYE

AFC 20-10, AFC 20-30,
AFC 20-50, AFC 20-20,
AFC 20-20X

Alabama Farmer's Coop., Inc.
Decatur, Alabama

Bonel, Maton, Elbon,
NF 133

Noble Foundation
Ardmore, Oklahoma

Dossco Grazer II,
Dossco Grazer III

Dothan Seed & Supply
Dothan, Alabama

Florida 401, Florida 402

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

Forager

Pineland Plantation
Newton, Georgia

GA WGBC4, GA WAHRC4,
GA WAC5L, GA WAHRC3

Coastal Plain Experiment Station
Tifton, Georgia

GI-85, GI-87, GI-87X,
GI-88, CGI-90
Gurley Grazer 2000,
Gurley Grazer 2000X,

Carl R. Gurley, Inc.
Selma, North Carolina

Graze King 90

Jim Richardson Seeds
Sioma, Tennessee

RGS 2001, RGS 1992

Raymond Gurley II
Selma, North Carolina

TFC 1999, Volunteer Magic

Tennessee Farmer's Coop.
LaVergne, Tennessee

Wintergrazer 70

Seed Production, Inc.
Madison, Georgia

Wren's Abruzzi AL

Alabama Crop Improvement Assoc.
Auburn, Alabama

BARLEY

Anson

North Carolina Foundation Seed
Producers, Inc.
Raleigh, North Carolina

Barsoy, Schochoh

Department of Agronomy
University of Kentucky
Lexington, Kentucky

Keowee, SC 82-1445

South Carolina Crop Impr. Assoc.
Clemson, South Carolina

Perry

Univ. of Missouri
Columbia, Missouri

Sussex, Wysor

Department of Agronomy
Virginia Polytechnic Inst.
Blacksburg, Virginia

TRITICALE

Beagle 82, Sunland

Coastal Plain Experiment Station
Tifton, Georgia

Council, Morrison, Thomas

Alabama A&M University
Normal, Alabama

Florida 201

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

Jenkins, Stan I, Stan II,
Trical T8910, Trical T8913
Tircal 78914, Victoria

Goldsmith Seeds, Inc.
Union, Kentucky

