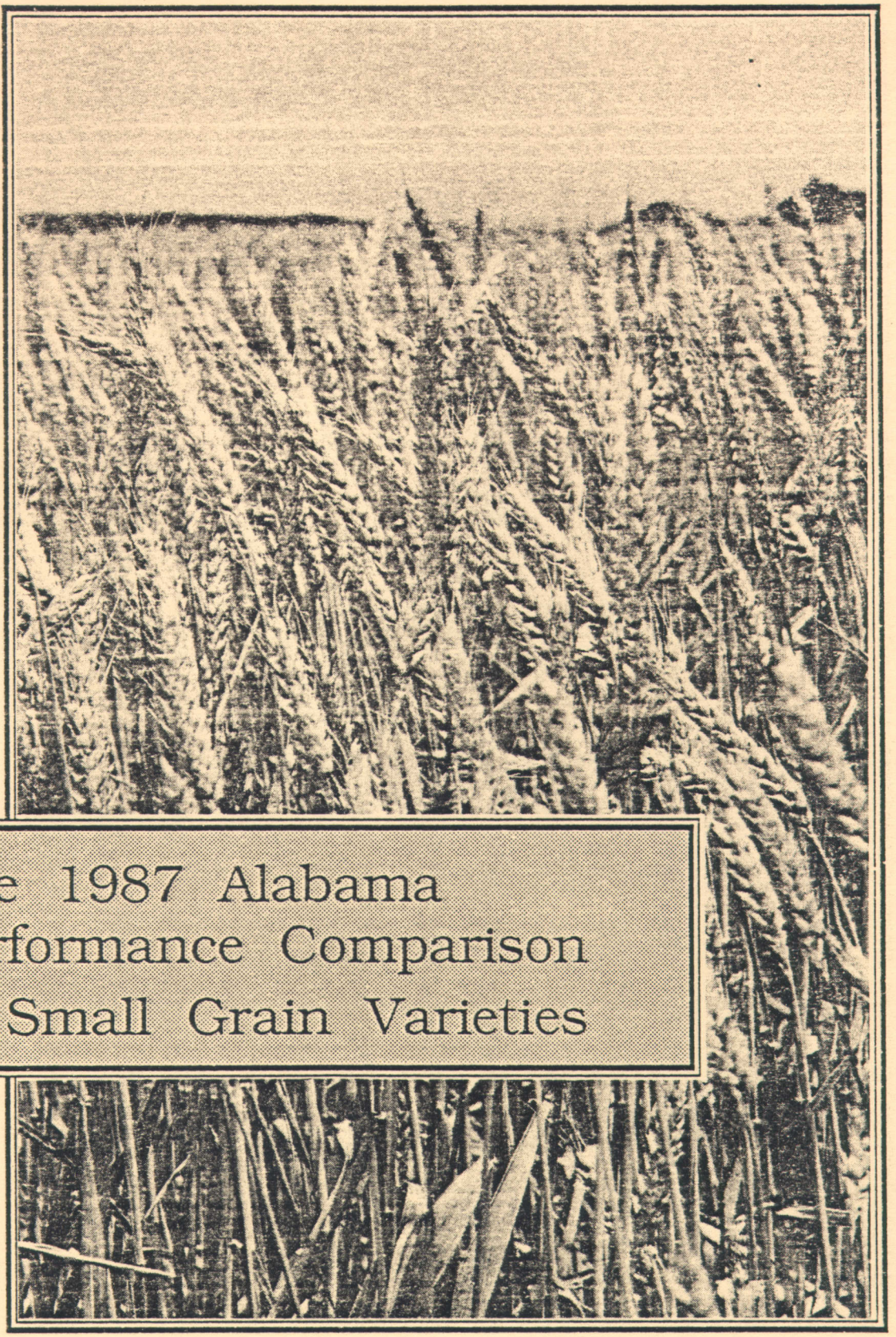

The 1987 Alabama Performance Comparison of Small Grain Varieties

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NORTHERN ALABAMA

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CENTRAL ALABAMA

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THE 1987 ALABAMA PERFORMANCE COMPARISON OF SMALL GRAIN VARIETIES

Donald L. Thurlow and W.C. Johnson[1]

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 their particular area of the State. Making this decision requires up-to-date, unbiased, reliable information on varietal yield 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 were planted during late October to early November, which was approximately one month later than the forage tests. These tests were fertilized with P and K according to soil test plus 20

[1] Associate Professor and Professor of Agronomy and Soils.

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, weighed, moisture determined, and bushel test weight measured.

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

Forage only: The forage only tests were planted around October 1 and 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 continued to be clipped until no regrowth occurred in the spring.

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 percent of the stand broken or leaning that would likely be missed by a combine. The 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 the plot showed fully emerged heads.

Disease ratings are given in tables 16 through 21. Dr. Robert T. Gudauskas, Department 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. Any disease rating reported for northern Alabama were made only at Winfield and Crossville. As in 1986, dry weather precluded disease development (hence meaningful ratings) to some degree at many locations, and premature dry-down of the test prevented disease rating altogether at the Tennessee Valley Substation.

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.

TABLE 1. CHARACTERISTICS OF SMALL GRAINS TESTED IN NORTHERN ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE			
	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	LODGING	HEIGHT	1/10 HEADED	TEST WT.
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	LB./BU.
WHEAT										
SALUDA	41	32	37	3,910	2,641	2,669	0	30	4-20	54.3
COKER 93-23	39	29	-	3,429	2,256	-	0	29	4-18	50.8
PIONEER 2550	37	31	34	3,875	2,999	3,034	0	31	4-26	53.1
FLORIDA 302	37	25	33	3,447	2,295	2,378	0	32	4-20	49.4
CALDWELL	36	29	35	3,827	3,234	3,254	0	33	4-22	51.8
COKER 916	36	29	33	3,647	2,570	-	0	29	4-17	52.3
NASW 76-59	36	-	-	-	-	-	0	32	4-20	50.5
MASSEY	36	30	35	3,864	2,954	2,867	0	31	4-19	51.0
PIONEER 2551	36	29	-	3,423	2,892	-	0	31	4-23	48.8
COKER 983	36	26	31	3,514	2,451	-	0	28	4-19	53.5
COKER EH 8504	36	-	-	-	-	-	0	31	4-19	53.7
HW 3015	35	30	35	4,306	3,237	-	0	34	4-20	51.3
COMPTON	35	26	33	3,817	3,189	3,110	0	30	4-21	54.7
MCNAIR 1003	35	27	32	3,896	2,866	2,722	0	31	4-20	47.4
LINCOLN	33	-	-	-	-	-	0	34	4-24	52.0
AUBURN	32	27	-	3,380	3,131	-	0	32	4-28	53.0
COKER 84-33	31	-	-	-	-	-	0	34	4-22	49.9
COKER 84-27	31	-	-	-	-	-	0	31	4-23	50.7
MAGNUM	31	24	-	3,292	2,861	-	0	28	4-18	52.6
ADDER	31	25	-	3,685	3,116	-	0	28	4-21	51.1
STACY	31	24	-	3,485	2,857	-	0	33	4-20	52.5
WILLIAMS	30	-	-	-	-	-	0	32	4-23	48.7
TERRAL 812	30	20	26	2,641	1,618	-	0	33	4-18	50.0
FILLMORE	30	25	-	3,600	3,329	-	1	35	4-27	51.7
HUNTER	29	20	25	-	-	-	0	26	4-18	54.5
TERRAL 817	28	20	-	3,616	2,400	-	1	31	4-18	52.6
BRADFORD	27	20	27	3,882	2,638	2,607	0	34	4-19	52.4
TWAIN	27	-	-	-	-	-	0	33	4-23	52.3
TYLER	26	23	28	3,502	2,347	2,431	0	32	4-23	46.7
PIKE	25	20	24	-	-	-	0	33	4-22	48.9
WHEELER	23	21	28	3,477	2,343	-	0	33	4-22	51.8
COKER 92-27	21	15	-	2,887	1,846	-	0	29	4-16	53.9
TEST MEAN	32	25	31	3,583	2,699	2,786	0	31	-	-
L.S.D. (.10)	7	6	6	601	532	497	-	-	-	-
C.V. (%)	15	19	15	12	15	13	-	-	-	-
OATS										
MADISON	79	45	48	3,541	2,221	2,457	0	30	4-24	28.1
HARPOOL 833	63	50	-	3,715	2,528	-	2	34	4-26	29.3
COKER 820	60	36	-	3,969	2,535	-	0	30	4-18	28.6
CITATION	56	38	-	3,510	2,276	-	6	34	4-22	29.4
COKER 227	54	39	-	4,301	2,965	3,184	9	33	4-23	27.3
COKER 716	45	32	47	3,338	2,519	3,015	2	33	4-25	28.2
FLORIDA 501	41	22	-	3,470	2,164	-	13	30	4-20	28.1
FLORIDA 502	36	19	-	2,202	1,369	-	1	29	4-16	30.3
TEST MEAN	54	35	48	3,506	2,322	2,885	4	32	-	-
L.S.D. (.10)	10	10	10	1,202	853	778	-	-	-	-
C.V. (%)	13	20	16	25	27	20	-	-	-	-

CONTINUED

TABLE 1. CHARACTERISTICS OF SMALL GRAINS TESTED IN NORTHERN ALABAMA, 3-YEAR SUMMARY CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE LODGING	1987 AVERAGE HEIGHT	1987 AVERAGE 1/10 HEADED	TEST WT.
	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.			DATE	
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.		LB./BU.
BARLEY										
VOLBAR	59	43	45	4,146	2,658	-	2	36	4-19	29.0
WYSOR	53	54	-	4,754	3,647	-	4	29	4-13	39.7
BOONE	47	38	37	3,583	2,877	2,804	6	31	4-18	38.0
ANSON	45	40	42	3,958	2,631	2,856	2	34	4-20	34.5
SUSSEX	44	39	40	4,744	2,868	3,020	26	28	4-10	39.2
BARSOY	38	35	40	3,275	2,551	2,669	2	29	4-10	36.5
KEOWEE	36	34	39	3,970	2,918	3,015	4	31	4-20	34.7
TEST MEAN	46	41	41	4,061	2,879	2,873	7	31	-	-
L.S.D. (.10)	10	10	9	642	639	593	-	-	-	-
C.V. (%)	16	18	17	11	16	15	-	-	-	-
RYE										
NF 142	-	-	-	4,756	-	-	-	-	-	-
BONEL	-	-	-	4,751	4,351	4,231	-	-	-	-
ELBON	-	-	-	4,710	4,295	4,008	-	-	-	-
MATON	-	-	-	4,610	4,382	-	-	-	-	-
NF 73	-	-	-	4,541	-	-	-	-	-	-
WINTERGRAZER 70	-	-	-	4,461	4,149	3,943	-	-	-	-
AFC 20-20	-	-	-	4,457	3,994	3,705	-	-	-	-
GURLEY'S GRAZER 2000	-	-	-	4,313	3,947	3,607	-	-	-	-
FL EXP-201ES79-1	-	-	-	4,213	3,686	-	-	-	-	-
N.K. SS-1	-	-	-	4,154	3,512	-	-	-	-	-
GI 85	-	-	-	4,150	3,840	3,614	-	-	-	-
FORAGER	-	-	-	4,117	3,778	3,432	-	-	-	-
N.K. VITAGRAZE	-	-	-	4,115	3,668	3,394	-	-	-	-
GI 87X	-	-	-	4,064	3,876	-	-	-	-	-
WREN'S ABRUZZI	-	-	-	3,956	3,670	-	-	-	-	-
FL-SYN-T	-	-	-	3,921	3,165	-	-	-	-	-
DOSSCO EXP PR1	-	-	-	3,820	-	-	-	-	-	-
N.K. SS-2	-	-	-	3,524	-	-	-	-	-	-
FLORIDA 401	-	-	-	3,256	2,601	-	-	-	-	-
TEST MEAN	-	-	-	4,205	3,794	3,742	-	-	-	-
L.S.D. (.10)	-	-	-	824	705	662	-	-	-	-
C.V. (%)	-	-	-	14	14	13	-	-	-	-
TRITICALE										
MORRISON	29	34	40	2,849	2,764	2,947	5	48	4-20	36.1
BEAGLE 82	21	-	-	2,424	-	-	2	32	3-31	31.0
FLORIDA 201	21	12	-	2,005	-	-	3	34	3-29	33.6
JENKINS	15	-	-	3,791	3,597	3,664	18	53	5- 4	33.7
COUNCIL	-	-	-	151	731	1,584	-	-	-	-
AM 4105	-	-	-	3,477	-	-	-	-	-	-
TRITICALE 79186	-	-	-	2,863	-	-	-	-	-	-
FLORICO	-	-	-	2,318	-	-	-	-	-	-
TEST MEAN	21	23	40	2,485	2,364	2,732	7	42	-	-
L.S.D. (.10)	23	15	14	561	624	554	-	-	-	-
C.V. (%)	75	47	25	16	19	15	-	-	-	-

TABLE 2. PERFORMANCE OF SMALL GRAINS AT BELLE MINA, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
FLORIDA 302	61	55.6	44	3,377	1,990
SALUDA	59	58.0	47	3,259	1,853
COKER 93-23	57	54.0	-	3,307	-
MASSEY	55	55.8	42	3,247	2,158
COKER EH 8504	54	59.0	-	-	-
COKER 84-27	54	54.4	-	-	-
COKER 916	53	56.2	42	2,965	-
COKER 983	51	57.6	38	3,171	-
CALDWELL	50	54.4	48	2,927	2,376
TERRAL 812	49	56.4	36	3,022	-
PIONEER 2551	49	51.6	-	3,049	-
WILLIAMS	49	54.8	-	-	-
TERRAL 817	48	56.6	-	3,141	-
HW 3015	48	54.8	42	3,491	-
MCNAIR 1003	47	52.8	40	3,062	1,987
COKER 84-33	47	57.0	-	-	-
HUNTER	46	59.2	35	-	-
COKER 92-27	44	58.2	-	2,592	-
COMPTON	44	57.0	42	3,016	2,218
NASW 76-59	44	54.0	-	-	-
LINCOLN	43	56.0	-	-	-
STACY	43	57.6	-	3,195	-
PIKE	42	53.4	36	-	-
PIONEER 2550	41	55.2	40	3,242	2,143
TYLER	41	51.8	35	2,945	1,667
TWAIN	40	56.2	-	-	-
ADDER	39	53.6	-	2,891	-
BRADFORD	39	54.6	35	3,148	2,066
AUBURN	38	56.8	-	2,927	-
FILLMORE	37	57.4	-	3,260	-
WHEELER	36	57.0	35	3,029	-
MAGNUM	36	56.8	-	2,730	-
TEST MEAN	46	-	40	3,087	2,051
L.S.D. (.10)	9	-	8	276	321
C.V. (%)	14	-	15	7	12
OATS					
MADISON	103	32.4	56	4,107	2,226
CITATION	92	33.2	-	4,171	-
COKER 227	86	32.4	-	4,747	2,800
COKER 820	85	34.4	-	4,157	-
FLORIDA 501	75	33.4	-	3,249	-
HARPOOL 833	74	32.8	-	4,036	-
COKER 716	64	32.0	51	4,464	2,765
FLORIDA 502	60	35.8	-	3,342	-
TEST MEAN	80	-	54	4,034	2,597
L.S.D. (.10)	11	-	12	628	405
C.V. (%)	10	-	16	11	11

CONTINUED.

TABLE 2. PERFORMANCE OF SMALL GRAINS AT BELLE MINA, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
SUSSEX	74	44.8	55	3,696	2,123
BOONE	69	44.2	43	3,020	1,910
WYSOR	68	46.0	-	3,620	-
VOLBAR	64	36.2	45	3,238	-
ANSON	63	41.0	52	3,361	1,985
KEOWEE	55	42.0	49	3,222	2,141
BARSOY	51	40.4	45	2,582	2,062
TEST MEAN	64	-	48	3,248	2,044
L.S.D. (.10)	12	-	11	276	263
C.V. (%)	13	-	17	6	9
RYE					
ELBON	-	-	-	4,182	3,300
AFC 20-20	-	-	-	4,119	3,202
NF 73	-	-	-	4,119	-
WINTERGRAZER 70	-	-	-	4,079	3,412
BONEL	-	-	-	3,986	3,361
GURLEY'S GRAZER 2000	-	-	-	3,967	3,051
NF 142	-	-	-	3,939	-
N.K. SS-1	-	-	-	3,917	-
FORAGER	-	-	-	3,863	2,868
GI 85	-	-	-	3,841	2,978
FL EXP-201ES79-1	-	-	-	3,839	-
MATON	-	-	-	3,739	-
WREN'S ABRUZZI	-	-	-	3,734	-
DOSSCO EXP PR1	-	-	-	3,632	-
GI 87X	-	-	-	3,570	-
FL-SYN-T	-	-	-	3,454	-
N.K. SS-2	-	-	-	3,422	-
N.K. VITAGRAZE	-	-	-	3,396	2,735
FLORIDA 401	-	-	-	3,028	-
TEST MEAN	-	-	-	3,780	3,113
L.S.D. (.10)	-	-	-	549	442
C.V. (%)	-	-	-	11	10
TRITICALE					
MORRISON	34	-	42	2,716	2,332
BEAGLE 82	33	-	-	2,447	-
FLORIDA 201	29	-	-	1,903	-
JENKINS	9	-	-	3,639	3,129
AM 4105	-	-	-	3,313	-
TRITICALE 79186	-	-	-	2,770	-
FLORICO	-	-	-	2,320	-
COUNCIL	-	-	-	79	1,235
TEST MEAN	26	-	42	2,398	2,232
L.S.D. (.10)	42	-	23	620	402
C.V. (%)	102	-	39	18	13

TABLE 3. PERFORMANCE OF SMALL GRAINS AT CROSSVILLE, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
SALUDA	31	52.6	36	4,139	2,805
COKER 983	30	53.4	34	3,849	-
HW 3015	27	52.2	37	4,750	-
COKER EH 8504	26	52.6	-	-	-
COKER 916	26	49.4	33	4,256	-
COMPTON	25	53.8	28	3,618	3,049
FLORIDA 302	25	46.7	34	4,424	2,799
STACY	25	51.4	-	3,824	-
PIONEER 2551	25	46.5	-	3,349	-
BRADFORD	24	52.4	27	4,442	2,787
TWAIN	24	51.6	-	-	-
LINCOLN	24	49.2	-	-	-
COKER 93-23	24	48.6	-	3,868	-
CALDWELL	24	50.0	26	4,322	3,114
PIONEER 2550	24	51.8	30	3,902	2,866
MASSEY	24	49.5	32	4,132	3,047
ADDER	23	50.4	-	3,515	-
COKER 84-33	23	48.8	-	-	-
HUNTER	21	53.8	28	-	-
MCNAIR 1003	21	43.8	30	3,951	2,838
COKER 84-27	21	50.0	-	-	-
TERRAL 817	20	53.2	-	4,172	-
FILLMORE	20	47.6	-	3,569	-
AUBURN	19	50.8	-	3,129	-
WILLIAMS	19	46.6	-	-	-
WHEELER	18	52.3	28	3,864	-
TYLER	17	43.6	30	4,113	2,734
NASW 76-59	17	47.0	-	-	-
MAGNUM	16	48.6	-	3,461	-
TERRAL 812	14	44.2	25	3,197	-
PIKE	14	45.6	19	-	-
COKER 92-27	13	53.8	-	3,140	-
TEST MEAN	22	-	30	3,869	2,893
L.S.D. (.10)	4	-	4	590	513
C.V. (%)	13	-	11	11	13
OATS					
MADISON	47	26.2	35	4,006	2,969
COKER 820	46	24.8	-	5,027	-
HARPOOL 833	45	24.3	-	4,379	-
CITATION	35	24.5	-	4,613	-
COKER 227	35	24.0	-	4,491	3,657
COKER 716	32	24.1	54	4,006	3,631
FLORIDA 501	26	23.4	-	3,951	-
FLORIDA 502	23	25.6	-	3,043	-
TEST MEAN	36	-	45	4,189	3,419
L.S.D. (.10)	10	-	7	427	423
C.V. (%)	18	-	12	7	9

CONTINUED...

TABLE 3. PERFORMANCE OF SMALL GRAINS AT CROSSVILLE, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
VOLBAR	53	25.2	51	4,485	-
WYSOR	50	38.2	-	4,964	-
SUSSEX	40	-	47	5,150	3,619
BARSOY	36	32.6	48	3,967	3,160
ANSON	36	30.4	47	4,589	3,239
BOONE	36	35.4	44	3,701	3,007
KEOWEE	28	31.8	47	4,137	3,304
TEST MEAN	40	-	47	4,428	3,266
L.S.D. (.10)	7	-	7	644	692
C.V. (%)	11	-	10	10	15
RYE					
BONEL	-	-	-	4,976	4,427
MATON	-	-	-	4,682	-
NF 142	-	-	-	4,664	-
ELBON	-	-	-	4,610	4,162
NF 73	-	-	-	4,451	-
FL EXP-201ES79-1	-	-	-	4,181	-
WINTERGRAZER 70	-	-	-	4,122	4,208
AFC 20-20	-	-	-	4,080	4,042
FORAGER	-	-	-	4,070	3,908
GURLEY'S GRAZER 2000	-	-	-	3,946	3,782
GI 87X	-	-	-	3,846	-
DOSSCO EXP PR1	-	-	-	3,838	-
N.K. VITAGRAZE	-	-	-	3,796	3,587
FL-SYN-T	-	-	-	3,653	-
GI 85	-	-	-	3,583	3,821
WREN'S ABRUZZI	-	-	-	3,500	-
N.K. SS-1	-	-	-	3,479	-
N.K. SS-2	-	-	-	3,220	-
FLORIDA 401	-	-	-	3,045	-
TEST MEAN	-	-	-	3,986	3,992
L.S.D. (.10)	-	-	-	657	521
C.V. (%)	-	-	-	12	10
TRITICALE					
MORRISON	40	39.2	55	2,490	3,177
FLORIDA 201	24	36.2	-	2,155	-
JENKINS	18	38.7	-	4,445	4,539
BEAGLE 82	18	-	-	2,602	-
AM 4105	-	-	-	3,611	-
TRITICALE 79186	-	-	-	2,710	-
FLORICO	-	-	-	2,413	-
COUNCIL	-	-	-	222	1,637
TEST MEAN	25	-	55	2,581	3,117
L.S.D. (.10)	7	-	5	478	390
C.V. (%)	18	-	7	13	9

TABLE 4. PERFORMANCE OF SMALL GRAINS AT WINFIELD, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.	3-YR. AV.		1987	3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
WHEAT							
NASH 76-59	48	50.6	-	-	-	-	-
PIONEER 2550	47	52.4	32	24	27	4,480	4,094
MAGNUM	41	52.4	-	26	-	3,686	-
AUBURN	39	51.4	-	28	-	4,085	-
MCNAIR 1003	36	45.6	25	26	33	4,674	3,341
COMPTON	35	53.4	28	26	-	4,816	4,063
CALDWELL	35	51.0	29	27	29	4,230	4,271
COKER 93-23	35	49.8	-	24	-	3,113	-
PIONEER 2551	35	48.2	-	26	-	3,869	-
SALUDA	34	52.4	27	35	38	4,334	3,348
FILLMORE	32	50.2	-	28	-	3,970	-
LINCOLN	31	50.8	-	-	-	-	-
HW 3015	30	46.8	25	27	-	4,677	-
COKER 916	30	51.2	23	22	-	3,721	-
ADDER	29	49.4	-	20	-	4,648	-
MASSEY	29	47.6	30	23	37	4,213	3,396
COKER EH 8504	28	49.6	-	-	-	-	-
COKER 983	27	49.6	20	28	30	3,521	-
TERRAL 812	25	49.4	17	20		1,702	-
STACY	24	49.4	-	26	-	3,435	-
FLORIDA 302	24	45.8	21	21	29	2,540	2,344
COKER 84-33	24	43.8	-	-	-	-	-
WILLIAMS	22	44.8	-	-	-	-	-
TYLER	20	44.8	20	25	29	3,448	2,894
COKER 84-27	20	47.8	-	-	-	-	-
PIKE	20	47.8	17	-	-	-	-
BRADFORD	19	50.2	18	18	-	4,056	2,969
HUNTER	17	50.6	17	-	-	-	-
TWAIN	15	49.2	-	-	-	-	-
WHEELER	15	46.2	20	16	28	3,537	-
TERRAL 817	14	48.0	-	15	-	3,535	-
COKER 92-27	6	49.6	-	15	-	2,929	-
TEST MEAN	28	-	23	24	-	3,792	3,413
L.S.D. (.10)	6	-	6	6	-	832	618
C.V. (%)	16	-	20	19	-	16	13
OATS							
MADISON	86	25.8	53	-	-	2,509	2,175
HARPOOL 833	70	30.8	-	-	-	2,732	-
COKER 820	48	24.6	-	-	-	2,723	-
COKER 227	42	25.6	-	-	-	3,663	3,094
CITATION	40	27.6	-	-	-	1,746	-
COKER 716	37	28.6	37	-	-	1,544	2,648
FLORIDA 502	25	27.6	-	-	-	221	-
FLORIDA 501	23	27.6	-	-	-	3,211	-
TEST MEAN	46	-	45	-	-	2,294	2,639
L.S.D. (.10)	10	-	12	-	-	2,343	1,293
C.V. (%)			[illegible]			69	[illegible]

CONTINUED

TABLE 4. PERFORMANCE OF SMALL GRAINS AT WINFIELD, ALABAMA, 1987

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	1987	TEST WT.	3-YR. AV.	1987	3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
BARLEY							
VOLBAR	60	25.6	40	-	-	4,714	-
WYSOR	39	35.0	-	-	-	5,679	-
ANSON	37	32.0	26	-	-	3,923	3,344
BOONE	37	34.4	23	-	-	4,027	3,494
BARSOY	28	-	28	-	-	3,276	2,787
KEOWEE	25	30.2	21	-	-	4,551	3,600
SUSSEX	17	33.6	19	-	-	5,387	3,319
TEST MEAN	35	-	26	-	-	4,508	3,309
L.S.D. (.10)	13	-	9	-	-	969	745
C.V. (%)	25	-	26	-	-	15	16
RYE							
NF 142	-	-	-	-	-	5,664	-
MATON	-	-	-	-	-	5,409	-
ELBON	-	-	-	-	-	5,338	4,563
BONEL	-	-	-	-	-	5,291	4,904
WINTERGRAZER 70	-	-	-	-	-	5,181	4,209
AFC 20-20	-	-	-	-	-	5,173	3,871
N.K. VITAGRAZE	-	-	-	-	-	5,152	3,859
N.K. SS-1	-	-	-	-	-	5,066	-
NF 73	-	-	-	-	-	5,054	-
GI 85	-	-	-	-	-	5,026	4,041
GURLEY'S GRAZER 2000	-	-	-	-	-	5,025	3,986
GI 87X	-	-	-	-	-	4,776	-
FL-SYN-T	-	-	-	-	-	4,654	-
WREN'S ABRUZZI	-	-	-	-	-	4,635	-
FL EXP-201ES79-1	-	-	-	-	-	4,620	-
FORAGER	-	-	-	-	-	4,419	3,520
DOSSCO EXP PR1	-	-	-	-	-	3,990	-
N.K. SS-2	-	-	-	-	-	3,928	-
FLORIDA 401	-	-	-	-	-	3,697	-
TEST MEAN	-	-	-	-	-	4,847	4,119
L.S.D. (.10)	-	-	-	-	-	1,173	931
C.V. (%)	-	-	-	-	-	18	17
TRITICALE							
JENKINS	17	28.8	-	20	-	3,288	3,323
MORRISON	14	33.0	24	21	-	3,342	3,333
BEAGLE 82	12	31.0	-	12	-	2,223	-
FLORIDA 201	9	31.0	-	11	-	1,957	-
COUNCIL	-	-	-	5	-	-	-
AM 4105	-	-	-	-	-	3,505	-
TRITICALE 79106	-	-	-	-	-	3,107	-
FLORICO	-	-	-	-	-	2,221	-
TEST MEAN	13	-	24	14	-	2,806	3,328
L.S.D. (.10)	8	-	7	4	-	663	771
C.V. (%)	51	-	20	18	-	16	17

TABLE 5. CHARACTERISTICS OF SMALL GRAINS TESTED IN CENTRAL ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE			
	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	LODGING	HEIGHT	1/10 HEADED	TEST WT.
	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	LB./BU.
WHEAT										
SALUDA	56	48	48	4,205	3,416	3,134	1	36	4-15	55.6
FLORIDA 302	54	43	39	3,255	2,681	2,296	1	39	4-15	53.5
COKER 84-33	51	-	-	-	-	-	7	40	4-11	55.8
HW 3015	50	46	48	3,932	3,479	-	2	42	4-14	54.4
COKER EH 8504	50	-	-	-	-	-	0	38	4-12	56.1
PIONEER 2551	49	45	-	3,764	3,342	-	1	36	4-18	52.7
MCNAIR 1003	49	42	44	3,862	3,206	2,849	1	38	4-15	52.0
WILLIAMS	49	-	-	-	-	-	1	39	4-14	52.6
COKER 93-23	49	36	-	3,024	2,482	-	3	35	4- 7	54.4
COKER 84-27	48	-	-	-	-	-	3	35	4-11	53.1
PIONEER 2550	46	41	42	4,114	3,533	3,228	1	36	4-21	53.8
TERRAL 812	45	31	34	2,839	2,199	-	4	38	4-10	55.6
CALDWELL	45	42	42	3,332	3,147	2,877	6	36	4-19	54.1
BRADFORD	45	34	37	3,535	2,882	2,517	6	44	4-15	54.7
NASW 76-59	44	-	-	-	-	-	2	35	4-15	50.9
STACY	44	38	41	3,927	3,426	3,092	2	41	4-15	55.5
COKER 916	44	35	39	3,099	2,633	-	2	33	4-12	54.6
COMPTON	44	42	45	3,740	3,317	3,107	1	37	4-17	55.2
MASSEY	43	39	41	3,772	3,231	2,840	1	39	4-12	54.7
LINCOLN	42	-	-	-	-	-	2	36	4-19	54.7
ADDER	42	39	-	3,013	2,651	-	3	34	4-16	51.7
COKER 983	42	34	37	3,027	2,507	-	0	32	4-12	55.5
TWAIN	42	-	-	-	-	-	1	39	4-16	56.0
COKER 92-27	42	27	-	2,766	2,333	-	2	35	4- 7	56.5
WHEELER	41	32	-	3,022	2,493	-	1	41	4-16	56.7
TERRAL 817	41	28	-	3,379	2,653	-	3	38	4- 9	54.3
MAGNUM	41	35	-	2,885	2,513	-	2	34	4-14	53.6
HUNTER	39	30	35	-	-	-	0	32	4- 4	55.8
AUBURN	36	33	-	3,099	2,834	2,686	0	35	4-25	54.4
PIKE	35	27	28	-	-	-	2	38	4-16	52.9
TYLER	35	30	31	3,189	2,607	2,289	1	38	4-17	52.1
FLORIDA 301	35	-	-	3,039	2,305	-	7	42	4- 1	55.0
FILLMORE	32	30	-	2,993	2,771	2,564	1	38	4-26	53.9
TEST MEAN	44	36	39	3,367	2,860	2,790	2	37	-	-
L.S.D. (.10)	8	7	7	507	456	448	-	-	-	-
C.V. (%)	14	15	13	11	12	12	-	-	-	-
OATS										
MADISON	94	63	56	3,806	3,067	2,645	2	33	4-19	31.4
HARPOOL 833	89	69	-	4,239	3,882	-	13	36	4-21	31.3
COKER 820	86	71	-	4,362	3,743	-	24	38	4- 4	32.7
FLORIDA 502	85	63	42	3,514	2,629	2,243	8	36	4- 4	34.6
CITATION	84	67	57	4,466	3,900	-	26	42	4-16	32.7
COKER 227	78	57	-	4,086	3,883	3,222	18	37	4-15	31.7
FLORIDA 501	69	47	-	3,726	2,694	-	42	38	4- 9	32.2
COKER 716	64	49	57	3,904	3,537	3,153	15	36	4-20	30.1
TEST MEAN	81	51	51	4,013	3,420	2,816	18	37	-	-
L.S.D. (.10)	16	13	14	482	506	1,777	-	-	-	-
C.V. (%)	14	16	19	9	11	47	-	-	-	-

CONTINUED

TABLE 5. CHARACTERISTICS OF SMALL GRAINS TESTED IN CENTRAL ALABAMA, 3-YEAR SUMMARY CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE LODGING	1987 AVERAGE HEIGHT	1/10 HEADED	TEST WT.
	1987 BU.	2-YR. BU.	3-YR. BU.	1987 LB.	2-YR. LB.	3-YR. LB.	PCT.	IN.	DATE	LB./BU.
BARLEY										
WYSOR	62	54	-	3,471	3,119	-	15	31	4- 7	39.9
ANSON	58	46	45	2,922	2,382	2,084	7	35	4-12	35.3
BOONE	57	42	38	2,251	2,073	1,849	23	32	4-12	39.3
KEOWEE	53	42	41	2,937	2,296	-	15	35	4- 9	38.4
VOLBAR	49	42	43	3,399	2,711	-	14	33	4-11	35.8
BARSOY	44	40	47	2,855	2,370	2,165	3	30	4- 2	38.4
SUSSEX	42	36	42	3,740	2,860	2,446	15	37	3-26	35.8
TEST MEAN	52	43	42	3,082	2,545	2,136	13	33	-	-
L.S.D. (.10)	12	10	10	558	474	421	-	-	-	-
C.V. (%)	17	17	17	13	14	15	-	-	-	-
RYE										
HREN'S ABRUZZI	-	-	-	3,630	3,578	-	-	-	-	-
GURLEY'S GRAZER 2000	-	-	-	3,614	3,550	3,190	-	-	-	-
FL EXP-201ES79-1	-	-	-	3,541	3,483	-	-	-	-	-
GI 87X	-	-	-	3,529	3,502	-	-	-	-	-
MATON	-	-	-	3,495	3,628	3,309	-	-	-	-
FORAGER	-	-	-	3,492	3,360	3,004	-	-	-	-
ELBON	-	-	-	3,483	3,477	3,096	-	-	-	-
NF 73	-	-	-	3,473	-	-	-	-	-	-
NF 142	-	-	-	3,470	-	-	-	-	-	-
N.K. SS-1	-	-	-	3,469	3,394	-	-	-	-	-
AFC 20-20	-	-	-	3,420	3,552	3,250	-	-	-	-
DOSSCO EXP PR1	-	-	-	3,378	-	-	-	-	-	-
WINTERGRAZER 70	-	-	-	3,361	3,627	3,362	-	-	-	-
RONEL	-	-	-	3,322	3,520	3,263	-	-	-	-
N.K. VITAGRAZE	-	-	-	3,321	3,313	2,978	-	-	-	-
GI 85	-	-	-	3,245	3,544	3,218	-	-	-	-
N.K. SS-2	-	-	-	3,222	-	-	-	-	-	-
FL-SYN-T	-	-	-	2,881	2,916	2,668	-	-	-	-
FLORIDA 401	-	-	-	2,025	2,917	-	-	-	-	-
TEST MEAN	-	-	-	3,377	3,424	3,134	-	-	-	-
L.S.D. (.10)	-	-	-	543	532	492	-	-	-	-
C.V. (%)	-	-	-	12	12	12	-	-	-	-
TRITICALE										
BEAGLE 82	38	-	-	2,696	-	-	1	40	3-24	40.1
MORRISON	38	36	36	2,871	2,809	2,627	12	54	4-15	41.8
FLORIDA 201	31	25	-	2,992	-	-	0	40	3-24	42.8
JENKINS	17	-	-	2,576	2,690	2,522	40	53	5- 2	41.1
AM 4105	-	-	-	3,010	-	-	-	-	-	-
FLORICO	-	-	-	2,859	-	-	-	-	-	-
TRITICALE 79186	-	-	-	2,853	-	-	-	-	-	-
COUNCIL	-	-	-	1,246	1,892	1,832	-	-	-	-
TEST MEAN	31	31	36	2,638	2,464	2,327	13	47	-	-
L.S.D. (.10)	10	10	10	597	533	488	-	-	-	-
C.V. (%)	23	23	20	11	16	15	-	-	-	-

TABLE 6. PERFORMANCE OF SMALL GRAINS AT MARION JUNCTION, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
SALUDA	63	58.7	54	5,041	-
COMPTON	59	58.1	58	4,796	-
PIONEER 2551	58	55.1	-	4,970	-
HW 3015	57	57.1	51	5,121	-
MCNAIR 1003	55	53.2	49	4,517	-
LINCOLN	55	57.7	-	-	-
COKER 93-23	54	56.4	-	3,672	-
WILLIAMS	54	54.8	-	-	-
COKER 84-27	54	56.8	-	-	-
WHEELER	54	57.0	-	3,471	-
BRADFORD	54	57.3	46	4,389	-
NASH 76-59	53	54.5	-	-	-
COKER 84-33	53	60.5	-	-	-
COKER 916	53	57.7	45	3,480	-
ADDER	52	52.7	-	3,316	-
CALDWELL	51	55.6	53	4,582	-
TERRAL 817	51	59.1	-	3,685	-
FLORIDA 302	50	56.1	42	3,336	-
FLORIDA 301	50	57.6	-	3,376	-
PIONEER 2550	50	57.3	51	5,802	-
COKER 92-27	50	59.1	-	2,736	-
STACY	48	58.0	44	5,145	-
TWAIN	46	58.4	-	-	-
COKER EH 8504	45	58.9	-	-	-
MASSEY	45	55.6	44	4,667	-
MAGNUM	44	54.9	-	2,809	-
TERRAL 812	44	56.6	35	2,381	-
AUBURN	44	56.0	-	4,409	-
FILLMORE	44	56.6	-	3,703	-
HUNTER	37	58.8	36	-	-
TYLER	36	52.4	35	3,025	-
PIKE	35	53.2	33	-	-
COKER 983	35	56.2	36	2,588	-
TEST MEAN	50	-	45	3,959	-
L.S.D. (.10)	5	-	5	390	-
C.V. (%)	7	-	9	7	-
OATS					
FLORIDA 502	114	35.8	50	4,676	3,151
CITATION	109	32.1	62	5,494	-
HARPOOL 833	107	32.6	-	5,825	-
MADISON	104	31.3	53	4,829	3,590
COKER 227	93	32.7	-	5,442	4,179
COKER 820	92	32.2	-	5,194	-
COKER 716	78	31.8	72	5,495	4,509
FLORIDA 501	76	33.0	-	4,624	-
TEST MEAN	97	-	60	5,197	3,857
L.S.D. (.10)	25	-	20	245	425
C.V. (%)	18	-	24	3	8

CONTINUED

TABLE 6. PERFORMANCE OF SMALL GRAINS AT MARION JUNCTION, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
WYSOR	75	40.2	-	3,525	-
ANSON	75	35.5	65	2,814	-
BOONE	65	37.5	42	2,223	-
KEDWEE	64	38.4	51	2,877	-
SUSSEX	63	36.6	67	3,789	-
VOLBAR	41	34.7	48	4,010	-
BARSOY	40	36.2	52	2,875	-
TEST MEAN	61	-	54	3,159	-
L.S.D. (.10)	15	-	12	465	-
C.V. (%)	17	-	17	10	-
RYE					
NF 142	-	-	-	3,505	-
ELBON	-	-	-	3,466	-
MATON	-	-	-	3,330	-
BONEL	-	-	-	3,328	-
NF 73	-	-	-	3,292	-
WREN'S ABRUZZI	-	-	-	3,218	-
WINTERGRAZER 70	-	-	-	3,183	-
GURLEY'S GRAZER 2000	-	-	-	2,991	-
N.K. SS-1	-	-	-	2,928	-
FL EXP-201ES79-1	-	-	-	2,912	-
GI 87X	-	-	-	2,867	-
N.K. VITAGRAZE	-	-	-	2,844	-
N.K. SS-2	-	-	-	2,793	-
FLORIDA 401	-	-	-	2,792	-
DOSSCO EXP PR1	-	-	-	2,748	-
AFC 20-20	-	-	-	2,679	-
GI 85	-	-	-	2,675	-
FL-SYN-T	-	-	-	2,661	-
FORAGER	-	-	-	2,633	-
TEST MEAN	-	-	-	2,992	-
L.S.D. (.10)	-	-	-	408	-
C.V. (%)	-	-	-	10	-
TRITICALE					
BEAGLE 82	29	41.3	-	3,317	-
MORRISON	25	46.3	44	3,884	-
FLORIDA 201	22	47.2	-	3,671	-
JENKINS	14	46.7	-	2,152	-
AM 4105	-	-	-	3,627	-
TRITICALE 79186	-	-	-	3,496	-
FLORICO	-	-	-	2,936	-
COUNCIL	-	-	-	1,286	-
TEST MEAN	23	-	44	3,046	-
L.S.D. (.10)	8	-	5	901	-
C.V. (%)	24	-	9	21	-

TABLE 7. PERFORMANCE OF SMALL GRAINS AT PRATTVILLE, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
SALUDA	54	61.4	49	4,322	3,913
FLORIDA 302	53	57.4	52	3,426	2,717
MASSEY	52	58.8	48	4,268	3,385
WILLIAMS	52	58.2	-	-	-
COKER EH 8504	51	59.9	-	-	-
HUNTER	50	61.5	49	-	-
COKER 84-27	50	57.1	-	-	-
COKER 983	49	60.2	50	3,351	-
COKER 93-23	48	57.2	-	3,074	-
MCNAIR 1003	47	56.1	49	4,122	3,375
COKER 916	47	58.2	47	3,422	-
HW 3015	46	57.9	53	4,099	-
TERRAL 812	46	59.6	42	3,660	-
PIONEER 2551	43	57.1	-	4,108	-
COMPTON	43	60.2	45	4,298	3,909
PIONEER 2550	42	59.0	42	4,277	3,833
CALDWELL	41	58.9	42	2,952	3,378
STACY	41	59.4	43	3,903	3,538
MAGNUM	40	58.4	-	3,275	-
COKER 84-33	39	59.5	-	-	-
NASH 76-59	38	56.4	-	-	-
BRADFORD	36	58.8	38	3,412	-
TWAIN	36	60.1	-	-	-
ADDER	36	57.3	-	3,120	-
FLORIDA 301	36	59.2	-	3,012	-
TERRAL 817	35	59.0	-	3,248	-
COKER 92-27	34	60.2	-	3,028	-
WHEELER	32	59.6	-	2,855	-
TYLER	30	58.0	35	3,068	2,488
PIKE	30	58.3	29	-	-
LINCOLN	27	58.1	-	-	-
AUBURN	27	59.6	-	3,319	3,273
FILLMORE	18	57.0	-	3,156	3,128
TEST MEAN	41	-	44	3,532	3,358
L.S.D. (.10)	8	-	7	422	437
C.V. (%)	15	-	12	9	10
OATS					
MADISON	101	34.1	63	4,836	2,971
HARPOOL 833	93	33.4	-	4,835	-
COKER 716	85	33.8	71	5,105	3,844
COKER 227	80	34.2	-	4,929	3,848
CITATION	73	36.8	52	5,040	-
COKER 820	72	35.3	-	4,984	-
FLORIDA 502	72	37.4	-	4,277	2,604
FLORIDA 501	67	35.1	-	4,468	-
TEST MEAN	80	-	62	4,809	3,317
L.S.D. (.10)	9	-	9	497	513
C.V. (%)	8	-	11	7	11

CONTINUED

TABLE 7. PERFORMANCE OF SMALL GRAINS AT PRATTVILLE, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
WYSOR	55	42.8	-	4,332	-
KEOWEE	52	42.6	42	3,873	-
VOLBAR	52	39.9	44	3,810	-
BOONE	50	41.6	37	3,214	2,417
ANSON	48	38.9	43	3,378	2,494
BARSOY	46	44.2	50	3,078	2,567
SUSSEX	39	43.0	39	4,142	2,837
TEST MEAN	49	-	43	3,690	2,579
L.S.D. (.10)	9	-	7	344	318
C.V. (%)	13	-	12	6	9
RYE					
WREN'S ABRUZZI	-	-	-	4,670	-
GURLEY'S GRAZER 2000	-	-	-	4,441	4,186
AFC 20-20	-	-	-	4,410	4,099
FORAGER	-	-	-	4,359	3,802
ELBON	-	-	-	4,347	3,617
GI 87X	-	-	-	4,332	-
GI 85	-	-	-	4,297	4,100
MATON	-	-	-	4,274	4,081
NF 73	-	-	-	4,264	-
NF 142	-	-	-	4,188	-
N.K. VITAGRAZE	-	-	-	4,170	3,880
BONEL	-	-	-	4,112	4,180
WINTERGRAZER 70	-	-	-	4,094	4,135
FL EXP-201ES79-1	-	-	-	4,037	-
N.K. SS-1	-	-	-	3,926	-
FL-SYN-T	-	-	-	3,867	3,515
DOSSCO EXP PR1	-	-	-	3,866	-
N.K. SS-2	-	-	-	3,758	-
FLORIDA 401	-	-	-	3,569	-
TEST MEAN	-	-	-	4,157	3,959
L.S.D. (.10)	-	-	-	417	405
C.V. (%)	-	-	-	7	8
TRITICALE					
FLORIDA 201	51	50.5	-	3,128	-
BEAGLE 82	49	48.0	-	2,914	-
MORRISON	39	49.5	35	3,091	3,186
JENKINS	16	48.2	-	3,219	3,267
FLORICO	-	-	-	3,298	-
AM 4105	-	-	-	3,245	-
TRITICALE 79186	-	-	-	2,969	-
COUNCIL	-	-	-	2,335	2,768
TEST MEAN	39	-	35	3,025	3,074
L.S.D. (.10)	5	-	4	486	487
C.V. (%)	8	-	9	11	11

TABLE 8. PERFORMANCE OF SMALL GRAINS AT TALLASSEE, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
COKER 84-33	79	51.1	-	-	-
FLORIDA 302	65	50.5	27	3,251	1,650
HW 3015	58	53.4	49	2,731	-
COKER EH 8504	56	52.5	-	-	-
SALUDA	56	50.3	49	3,913	2,399
COKER 84-27	55	50.1	-	-	-
MCNAIR 1003	53	51.0	40	3,255	2,164
PIONEER 2551	52	48.7	-	2,521	-
WILLIAMS	52	50.5	-	-	-
TERRAL 812	51	53.7	30	2,373	-
ADDER	51	53.1	-	2,620	-
CALDWELL	51	51.9	37	2,912	1,806
COKER 93-23	49	52.4	-	2,253	-
BRADFORD	48	50.9	31	3,145	1,475
COKER 916	47	52.2	29	2,843	-
COKER 92-27	46	54.7	-	2,050	-
STACY	46	54.5	44	3,441	2,358
WHEELER	46	58.3	-	3,117	-
TERRAL 817	46	50.0	-	2,782	-
NASW 76-59	45	46.0	-	-	-
TWAIN	44	54.3	-	-	-
LINCOLN	44	51.4	-	-	-
PIONEER 2550	44	48.8	33	3,213	2,241
COKER 983	43	51.7	26	2,978	-
MASSEY	42	53.5	40	3,008	1,973
MAGNUM	42	50.1	-	2,564	-
HUNTER	42	51.5	28	-	-
AUBURN	40	49.5	-	2,018	1,495
PIKE	36	49.4	18	-	-
FILLMORE	35	51.6	-	2,310	1,752
COMPTON	35	50.4	40	2,885	2,077
TYLER	34	46.9	17	3,634	1,622
FLORIDA 301	31	55.4	-	2,846	-
TEST MEAN	47	-	34	2,861	1,918
L.S.D. (.10)	10	-	8	717	537
C.V. (%)	15	-	18	18	21
OATS					
COKER 820	120	33.0	-	4,679	-
MADISON	107	30.6	76	3,561	2,317
CITATION	97	32.1	81	4,707	-
FLORIDA 502	97	33.8	58	2,592	1,739
COKER 227	93	31.9	-	3,570	2,571
HARPOOL 833	83	29.0	-	3,652	-
FLORIDA 501	83	31.4	-	3,469	-
COKER 716	43	26.4	58	3,043	2,216
TEST MEAN	90	-	68	3,659	2,211
L.S.D. (.10)	15	-	16	753	619
C.V. (%)	12	-	17	14	20

CONTINUED

TABLE 8. PERFORMANCE OF SMALL GRAINS AT TALLASSEE, ALABAMA, 1987
CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
BOONE	69	40.9	35	1,535	1,093
WYSOR	64	36.6	-	3,564	-
KEOWEE	62	39.0	36	2,575	-
ANSON	60	32.9	34	3,220	1,592
BARSOY	59	38.3	48	2,844	1,669
VOLBAR	43	34.9	34	3,231	-
SUSSEX	40	31.7	33	4,240	2,172
TEST MEAN	57	-	37	3,030	1,632
L.S.D. (.10)	15	-	11	972	630
C.V. (%)	19	-	21	22	28
RYE					
GURLEY'S GRAZER 2000	-	-	-	4,373	3,014
MATON	-	-	-	4,260	3,311
NF 73	-	-	-	4,226	-
GI 87X	-	-	-	4,140	-
NF 142	-	-	-	4,078	-
BONEL	-	-	-	4,052	3,205
AFC 20-20	-	-	-	4,040	3,211
FORAGER	-	-	-	4,020	2,812
FL EXP-201ES79-1	-	-	-	4,002	-
ELBON	-	-	-	3,990	3,134
N.K. SS-1	-	-	-	3,894	-
DOSSCO EXP PR1	-	-	-	3,865	-
WINTERGRAZER 70	-	-	-	3,803	3,206
GI 85	-	-	-	3,748	3,134
WREN'S ABRUZZI	-	-	-	3,616	-
N.K. VITAGRAZE	-	-	-	3,500	2,697
N.K. SS-2	-	-	-	3,305	-
FLORIDA 401	-	-	-	2,681	-
FL-SYN-T	-	-	-	2,662	2,256
TEST MEAN	-	-	-	3,803	2,998
L.S.D. (.10)	-	-	-	645	554
C.V. (%)	-	-	-	12	14
TRITICALE					
BEAGLE 82	59	42.4	-	1,910	-
MORRISON	55	42.8	34	2,186	1,793
FLORIDA 201	38	45.0	-	2,146	-
JENKINS	17	36.1	-	2,731	1,577
AM 4105	-	-	-	2,726	-
TRITICALE 79186	-	-	-	2,271	-
FLORICO	-	-	-	2,171	-
COUNCIL	-	-	-	118	650
TEST MEAN	42	-	34	2,032	1,340
L.S.D. (.10)	20	-	15	468	352
C.V. (%)	30	-	30	16	19

TABLE 9. PERFORMANCE OF SMALL GRAINS AT CAMP HILL, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
SALUDA	49	52.1	42	3,544	2,462
PIONEER 2550	49	50.0	41	3,163	2,633
FLORIDA 302	46	50.0	35	3,006	2,389
COKER EH 8504	45	53.1	-	-	-
COKER 93-23	44	51.8	-	3,098	-
LINCOLN	44	51.5	-	-	-
PIONEER 2551	43	49.8	-	3,456	-
TWAIN	42	51.1	-	-	-
STACY	42	50.2	35	3,219	2,591
COKER 983	42	53.8	36	3,191	-
NASW 76-59	41	46.7	-	-	-
BRADFORD	40	51.8	33	3,195	2,425
TERRAL 812	40	52.7	31	2,943	-
MCNAIR 1003	40	47.9	37	3,553	2,630
PIKE	40	50.7	32	-	-
TYLER	39	51.3	39	3,027	2,495
HW 3015	38	49.3	40	3,777	-
COMPTON	38	52.3	36	2,981	2,549
CALDWELL	38	50.2	36	2,883	2,534
WILLIAMS	38	47.0	-	-	-
COKER 92-27	37	52.2	-	3,252	-
MAGNUM	36	51.0	-	2,893	-
COKER 84-33	35	52.2	-	-	-
WHEELER	34	52.0	-	2,644	-
COKER 84-27	34	48.6	-	-	-
AUBURN	33	52.7	-	2,650	2,420
MASSEY	32	51.1	34	3,145	2,523
FILLMORE	32	50.6	-	2,804	2,322
TERRAL 817	32	49.3	-	3,801	-
ADDER	30	43.6	-	2,997	-
COKER 916	28	50.3	33	2,652	-
HUNTER	27	51.4	26	-	-
FLORIDA 301	22	47.8	-	2,924	-
TEST MEAN	38	-	35	3,117	2,498
L.S.D. (.10)	10	-	8	463	393
C.V. (%)	19	-	16	11	12
OATS					
HARPOOL 833	71	30.2	-	2,644	-
MADISON	65	29.8	31	2,000	1,704
FLORIDA 502	58	31.5	24	2,512	1,480
COKER 820	57	30.2	-	2,592	-
CITATION	56	29.8	31	2,625	-
FLORIDA 501	50	29.4	-	2,342	-
COKER 716	49	28.4	29	1,974	2,041
COKER 227	49	28.2	-	2,404	2,290
TEST MEAN	57	-	29	2,387	1,879
L.S.D. (.10)	13	-	9	394	3,547
C.V. (%)	16	-	23	11	137

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TABLE 9. PERFORMANCE OF SMALL GRAINS AT CAMP HILL, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987	TEST WT.	3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
VOLBAR	59	33.8	46	2,544	-
WYSOR	54	-	-	2,461	-
ANSON	47	33.9	37	2,275	2,099
BOONE	44	37.2	37	2,033	1,957
KEDWEE	35	33.7	34	2,422	-
BARSOY	30	35.0	37	2,623	2,104
SUSSEX	26	31.9	29	2,790	2,274
TEST MEAN	42	-	37	2,450	2,109
L.S.D. (.10)	9	-	8	355	305
C.V. (%)	15	-	17	10	10
RYE					
FL EXP-201ES79-1	-	-	-	3,214	-
N.K. SS-1	-	-	-	3,127	-
DOSSCO EXP PR1	-	-	-	3,032	-
N.K. SS-2	-	-	-	3,031	-
WREN'S ABRUZZI	-	-	-	3,015	-
FORAGER	-	-	-	2,956	2,541
GI 87X	-	-	-	2,776	-
N.K. VITAGRAZE	-	-	-	2,769	2,335
GURLEY'S GRAZER 2000	-	-	-	2,652	2,391
AFC 20-20	-	-	-	2,551	2,498
WINTERGRAZER 70	-	-	-	2,366	2,582
FL-SYN-T	-	-	-	2,334	2,141
GI 85	-	-	-	2,260	2,524
FLORIDA 401	-	-	-	2,260	-
ELBON	-	-	-	2,127	2,369
MATON	-	-	-	2,114	2,324
NF 73	-	-	-	2,110	-
NF 142	-	-	-	2,108	-
BONEL	-	-	-	1,794	2,326
TEST MEAN	-	-	-	2,558	2,403
L.S.D. (.10)	-	-	-	687	573
C.V. (%)	-	-	-	19	18
TRITICALE					
MORRISON	32	36.6	31	2,324	2,359
JENKINS	21	33.3	-	2,205	2,521
BEAGLE 82	16	28.7	-	2,643	-
FLORIDA 201	12	28.7	-	3,023	-
FLORICO	-	-	-	3,030	-
TRITICALE 79186	-	-	-	2,675	-
AM 4105	-	-	-	2,440	-
TEST MEAN	20	-	31	2,620	2,440
L.S.D. (.10)	3	-	13	505	402
C.V. (%)	11	-	29	13	12

TABLE 10. CHARACTERISTICS OF SMALL GRAINS TESTED IN SOUTHERN ALABAMA, 3-YEAR SUMMARY

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE GRAIN AFTER GRAZING			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE			
	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	LODGING	HEIGHT	1/10 HEADED	TEST WT.
	BU.	BU.	BU.	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	LB./BU.
WHEAT													
COKER 84-27	40	-	-	-	-	-	-	-	-	14	40	4- 8	53.3
MCNAIR 1003	39	35	38	30	32	30	4,541	3,640	3,596	2	38	4- 5	52.1
FLORIDA 302	38	35	41	31	31	30	3,647	3,054	3,111	11	40	4- 5	54.1
SALUDA	34	34	37	25	32	32	4,849	3,996	4,084	16	36	4-13	54.2
HH 3015	34	36	43	37	38	-	4,986	4,029	-	8	42	4- 7	53.9
COKER EH 8504	33	-	-	-	-	-	-	-	-	6	39	4- 5	55.6
WILLIAMS	32	-	-	-	-	-	-	-	-	7	39	4-10	53.3
COKER 983	32	25	36	29	27	25	3,245	2,645	-	10	34	4- 4	55.9
PIONEER 2551	32	31	-	34	38	-	3,965	3,512	-	8	35	4-12	52.2
COKER 92-27	31	25	-	35	26	-	3,265	2,626	-	13	36	3-28	56.4
COKER 93-23	31	27	-	32	27	-	3,353	2,704	-	9	34	4- 4	53.6
COKER 916	30	29	36	30	26	24	3,444	2,948	-	9	35	4- 6	54.2
STACY	29	30	-	26	29	-	4,461	3,816	3,912	18	41	4- 9	54.3
TERRAL 812	29	28	35	28	24	-	3,017	2,469	-	17	37	4- 3	55.1
COKER 84-33	29	-	-	-	-	-	-	-	-	22	43	4- 1	56.0
ADDER	29	31	-	30	32	-	3,891	3,254	-	2	35	4-11	52.7
MAGNUM	28	29	-	31	30	-	3,951	3,157	-	1	36	4-10	54.3
COMPTON	28	30	35	32	36	37	4,456	3,934	3,894	14	36	4-13	53.6
MASSEY	28	27	33	27	32	34	4,146	3,471	3,492	19	39	3-29	54.4
PIONEER 2550	26	24	-	22	-	-	-	-	-	7	36	4-20	53.5
BRADFORD	26	25	35	26	27	27	4,046	3,290	3,492	16	43	4- 9	53.2
NASH 76-59	26	-	-	-	-	-	-	-	-	4	35	4-11	52.6
CALDWELL	26	25	27	28	30	-	4,074	3,630	-	16	37	4-15	49.9
AUBURN	25	25	-	25	28	-	3,927	3,388	3,381	0	35	4-20	53.6
FILLMORE	25	24	-	27	24	-	3,843	3,363	3,454	6	38	4-21	51.9
HUNTER	25	21	31	-	-	-	-	-	-	9	34	3-29	56.2
THAIN	24	-	-	-	-	-	-	-	-	8	40	4-12	54.7
TERRAL 817	23	23	-	31	24	-	3,703	2,988	-	26	40	3-30	53.7
LINCOLN	22	-	-	-	-	-	-	-	-	20	37	4-16	53.7
FLORIDA 301	21	-	-	23	-	-	3,437	2,863	-	11	40	3-28	53.7
TEST MEAN	29	28	35	29	30	30	3,917	3,275	3,602	11	38	-	-
L.S.D. (.10)	7	8	8	6	5	5	678	565	555	-	-	-	-
C.V. (%)	19	20	16	14	13	13	13	13	11	-	-	-	-
OATS													
CITATION	65	64	73	-	-	-	5,654	4,719	4,040	37	46	4-10	35.8
MADISON	59	58	59	-	-	-	4,838	4,220	3,648	24	37	4-14	32.4
COKER 227	59	59	61	-	-	-	5,497	4,817	4,424	36	45	4- 5	33.6
HARPOOL 833	59	62	-	-	-	-	5,153	4,607	-	21	42	4-14	32.6
COKER 820	57	59	-	-	-	-	5,489	4,696	-	19	45	3-26	36.0
FLORIDA 501	50	52	-	-	-	-	4,679	3,951	-	58	44	3-28	34.8
COKER 716	45	47	-	-	-	-	5,131	4,438	-	42	41	4-16	33.1
FLORIDA 502	44	52	49	-	-	-	5,510	4,383	3,611	3	43	3-27	35.5
TEST MEAN	55	57	60	-	-	-	5,244	4,479	3,931	30	43	-	-
L.S.D. (.10)	14	14	14	-	-	-	889	709	669	-	-	-	-
C.V. (%)	18	18	19	-	-	-	12	12	13	-	-	-	-

CONTINUED

TABLE 10. CHARACTERISTICS OF SMALL GRAINS TESTED IN SOUTHERN ALABAMA, 3-YEAR SUMMARY

CONTINUED

BRAND-VARIETY	AVERAGE YIELD/ACRE GRAIN ONLY			AVERAGE YIELD/ACRE GRAIN AFTER GRAZING			AVERAGE YIELD/ACRE FORAGE ONLY			1987 AVERAGE			
	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	1987	2-YR.	3-YR.	LODGING	HEIGHT	1/10 HEADED	TEST WT.
	BU.	BU.	BU.	BU.	BU.	BU.	LB.	LB.	LB.	PCT.	IN.	DATE	LB./BU.
BARLEY													
HYSOR	-	-	-	-	-	-	5,202	-	-	-	-	-	-
SUSSEX	-	-	-	-	-	-	4,749	-	-	-	-	-	-
VOLNAR	-	-	-	-	-	-	4,618	-	-	-	-	-	-
BARSOY	-	-	-	-	-	-	4,382	-	-	-	-	-	-
KEONEE	-	-	-	-	-	-	4,371	-	-	-	-	-	-
ANSON	-	-	-	-	-	-	4,047	-	-	-	-	-	-
BOONE	-	-	-	-	-	-	3,562	-	-	-	-	-	-
TEST MEAN	-	-	-	-	-	-	4,419	-	-	-	-	-	-
L.S.D. (.10)	-	-	-	-	-	-	620	-	-	-	-	-	-
C.V. (%)	-	-	-	-	-	-	10	-	-	-	-	-	-
RYE													
NF 79	-	-	-	-	-	-	5,340	-	-	-	-	-	-
GI 87X	-	-	-	-	-	-	5,324	4,401	-	-	-	-	-
MATON	-	-	-	-	-	-	5,321	4,556	4,694	-	-	-	-
AFC 20-20	-	-	-	-	-	-	5,262	4,370	4,429	-	-	-	-
BONEL	-	-	-	-	-	-	5,248	4,588	4,789	-	-	-	-
GI 85	-	-	-	-	-	-	5,232	4,385	4,510	-	-	-	-
FL-SYN-1	-	-	-	-	-	-	5,228	4,124	4,096	-	-	-	-
FORAGER	-	-	-	-	-	-	5,196	4,290	4,324	-	-	-	-
WINTERGRAZER 70	-	-	-	-	-	-	5,173	4,506	4,650	-	-	-	-
NF 142	-	-	-	-	-	-	5,151	-	-	-	-	-	-
DOSSCO EXP PRI	-	-	-	-	-	-	5,096	-	-	-	-	-	-
GURLEY'S GRAZER 2000	-	-	-	-	-	-	5,092	4,238	4,314	-	-	-	-
HREY'S ABRUZZI	-	-	-	-	-	-	4,964	4,132	-	-	-	-	-
ELOON	-	-	-	-	-	-	4,954	4,245	4,534	-	-	-	-
FL EXP-201ES79-1	-	-	-	-	-	-	4,950	4,192	-	-	-	-	-
N.K. VITAGRAZE	-	-	-	-	-	-	4,902	3,995	-	-	-	-	-
N.K. SS-2	-	-	-	-	-	-	4,890	-	-	-	-	-	-
N.K. SS-1	-	-	-	-	-	-	4,873	3,930	-	-	-	-	-
FLORIDA 401	-	-	-	-	-	-	4,188	3,469	-	-	-	-	-
TEST MEAN	-	-	-	-	-	-	5,073	4,228	4,482	-	-	-	-
L.S.D. (.10)	-	-	-	-	-	-	777	689	708	-	-	-	-
C.V. (%)	-	-	-	-	-	-	11	12	12	-	-	-	-
TRITICALE													
FLORIDA 201	20	23	-	20	-	-	3,404	-	-	16	42	5-20	45.5
MORRISON	26	29	34	23	33	33	4,287	3,769	3,901	17	52	4- 6	44.2
BEAGLE 82	26	-	-	20	-	-	3,629	-	-	9	42	3- 9	44.1
COUNCIL	16	21	-	9	14	-	791	1,754	2,406	10	45	4-12	41.5
JENKINS	9	-	-	8	-	-	4,195	3,743	4,136	48	52	4-26	42.2
AW 4105	-	-	-	-	-	-	4,123	-	-	-	-	-	-
FLORICO	-	-	-	-	-	-	3,754	-	-	-	-	-	-
TRITICALE 79106	-	-	-	-	-	-	3,751	-	-	-	-	-	-
TEST MEAN	21	24	34	15	23	33	3,490	3,089	3,481	20	47	-	-
L.S.D. (.10)	9	9	9	4	4	4	1,207	1,038	960	-	-	-	-
C.V. (%)	31	28	19	18	11	2	25	25	20	-	-	-	-

TABLE 11. PERFORMANCE OF SMALL GRAINS AT CAMDEN, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	1987 BU.	TEST WT. LB./BU.	3-YR. AV. BU.	1987 BU.	3-YR. AV. BU.	1987 LB.	3-YR. AV. LB.
WHEAT							
FLORIDA 302	51	51.8	31	31	30	4,048	2,622
COKER 84-27	52	49.8	-	-	-	-	-
COKER 903	51	-	31	29	25	4,282	-
HW 3015	50	51.4	41	37	-	5,051	-
MCNAIR 1003	50	50.6	35	30	30	4,704	3,198
COKER EH 8504	46	-	-	-	-	-	-
PIONEER 2551	44	48.6	-	34	-	4,391	-
COKER 84-33	44	-	-	-	-	-	-
COKER 93-23	43	52.0	-	32	-	4,555	-
TERRAL 812	42	-	24	28	-	4,015	-
SALUDA	42	47.8	34	25	32	5,516	3,291
STACY	42	53.0	-	26	-	4,515	3,442
BRADFORD	41	47.6	-	26	27	4,619	3,008
CALDWELL	40	46.8	29	28	-	4,465	-
COKER 916	40	-	24	30	24	4,129	-
COMPTON	39	44.6	36	32	37	4,488	3,205
PIONEER 2550	38	-	-	22	-	-	-
ADDER	38	50.6	-	30	-	3,763	-
WILLIAMS	38	47.4	-	-	-	-	-
COKER 92-27	37	-	-	35	-	3,654	-
NASH 76-59	37	47.8	-	-	-	-	-
MAGNUM	36	50.6	-	31	-	4,256	-
TWAIN	35	53.6	-	-	-	-	-
LINCOLN	35	-	-	-	-	-	-
AUBURN	33	-	-	25	-	4,146	2,916
MASSEY	32	52.4	30	27	34	4,757	3,192
HUNTER	31	54.4	20	-	-	-	-
FILLMORE	30	-	-	27	-	4,384	2,988
TERRAL 817	30	51.2	-	31	-	4,706	-
FLORIDA 301	24	52.2	-	23	-	3,997	-
TEST MEAN	40	-	30	29	30	4,402	3,096
L.S.D. (.10)	10	-	8	6	5	425	385
C.V. (%)	18	-	19	14	13	7	9
OATS							
CITATION	92	31.8	81	-	-	5,561	3,884
COKER 227	81	27.0	66	-	-	5,890	4,318
COKER 820	75	31.8	-	-	-	5,319	-
HARPOOL 833	74	29.8	-	-	-	6,148	-
MADISON	69	27.4	61	-	-	5,460	3,744
COKER 716	57	30.6	-	-	-	6,038	-
FLORIDA 502	47	30.4	42	-	-	4,892	3,401
FLORIDA 501	43	29.8	-	-	-	5,096	-
TEST MEAN	67	-	62	-	-	5,550	3,837
L.S.D. (.10)	18	-	12	-	-	614	408
C.V. (%)	18	-	14			8	8

CONTINUED

TABLE 11. PERFORMANCE OF SMALL GRAINS AT CAMDEN, ALABAMA, 1987

CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			GRAIN AFTER GRAZING YIELD/ACRE		FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.	3-YR. AV.		1987	3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	BU.	BU.	LB.	LB.
BARLEY							
VOLBAR	-	-	-	-	-	5,344	-
WYSOR	-	-	-	-	-	5,204	-
SUSSEX	-	-	-	-	-	4,867	-
KEOWEE	-	-	-	-	-	4,867	-
ANSON	-	-	-	-	-	4,764	-
BARSOY	-	-	-	-	-	3,906	-
BOONE	-	-	-	-	-	3,425	-
TEST MEAN	-	-	-	-	-	4,625	-
L.S.D. (.10)	-	-	-	-	-	602	-
C.V. (%)	-	-	-	-	-	9	-
RYE							
FORAGER	-	-	-	-	-	5,887	4,090
WINTERGRAZER 70	-	-	-	-	-	5,575	4,220
GI 87X	-	-	-	-	-	5,468	-
WREY'S ABRUZZI	-	-	-	-	-	5,332	-
GURLEY'S GRAZER 2000	-	-	-	-	-	5,254	3,948
AFC 20-20	-	-	-	-	-	5,208	3,872
NF 142	-	-	-	-	-	5,185	-
GI 85	-	-	-	-	-	5,107	3,854
FL-SYN-I	-	-	-	-	-	5,082	3,573
N.K. SS-1	-	-	-	-	-	5,071	-
NF 73	-	-	-	-	-	5,033	-
BONEL	-	-	-	-	-	4,994	4,039
FL EXP-201ES79-1	-	-	-	-	-	4,991	-
ELBON	-	-	-	-	-	4,887	3,919
N.K. SS-2	-	-	-	-	-	4,885	-
MAION	-	-	-	-	-	4,827	3,898
N.K. VITAGRAZE	-	-	-	-	-	4,801	-
DOSSCO EXP PR1	-	-	-	-	-	4,678	-
FLORIDA 401	-	-	-	-	-	4,498	-
TEST MEAN	-	-	-	-	-	5,093	3,935
L.S.D. (.10)	-	-	-	-	-	527	388
C.V. (%)	-	-	-	-	-	8	7
TRITICALE							
MORRISON	41	-	37	23	34	3,802	3,205
BEAGLE 82	38	-	-	20	-	3,282	-
FLORIDA 201	33	45.6	-	20	-	3,112	-
COUNCIL	30	-	-	5	-	995	2,026
JENKINS	20	-	-	8	-	4,454	2,947
AM 4105	-	-	-	-	-	4,314	-
TRITICALE 79186	-	-	-	-	-	3,380	-
FLORICO	-	-	-	-	-	3,319	-
TEST MEAN	32	-	37	15	34	3,332	2,726
L.S.D. (.10)	3	-	10	4	4	665	513
C.V. (%)	7	-	19	18	9	14	14

TABLE 12. PERFORMANCE OF SMALL GRAINS AT MONROEVILLE, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
COKER 84-27	45	55.5	-	-	-
SALUDA	44	59.1	48	4,423	4,181
MCNAIR 1003	44	53.2	46	3,723	3,330
PIONEER 2551	40	54.3	-	3,723	-
COKER 93-23	40	56.2	-	2,137	-
FLORIDA 302	40	55.3	50	2,473	2,902
WILLIAMS	40	56.0	-	-	-
HW 3015	40	55.7	50	4,099	-
COKER 92-27	39	57.8	-	2,150	-
STACY	39	56.2	-	4,202	3,936
PIONEER 2550	38	56.5	-	-	-
COKER 983	37	58.3	47	2,419	-
ADDER	37	53.9	-	3,076	-
COMPTON	36	57.7	44	4,233	3,900
MAGNUM	36	57.1	-	3,245	-
TERRAL 812	35	57.6	46	1,996	-
COKER EH 8504	35	58.6	-	-	-
NASW 76-59	35	54.7	-	-	-
MASSEY	35	57.1	38	3,928	3,454
COKER 916	35	56.4	46	2,757	-
BRADFORD	33	56.5	40	3,340	3,275
CALDWELL	32	53.2	-	3,589	-
HUNTER	31	58.7	38	-	-
COKER 84-33	31	58.1	-	-	-
AUBURN	30	56.1	-	3,335	3,306
FILLMORE	28	54.0	-	2,975	3,363
LINCOLN	26	54.3	-	-	-
TWAIN	26	57.4	-	-	-
FLORIDA 301	23	56.2	-	2,879	-
TERRAL 817	22	55.8	-	2,813	-
TEST MEAN	35	-	45	3,215	3,516
L.S.D. (.10)	6	-	9	520	522
C.V. (%)	13	-	15	12	11
OATS					
MADISON	86	32.3	101	5,071	4,002
CITATION	82	34.2	104	4,799	3,414
COKER 227	74	33.6	92	4,918	4,689
FLORIDA 501	71	37.1	-	4,486	-
HARPOOL 833	69	33.0	-	3,986	-
COKER 820	68	35.5	-	4,974	-
FLORIDA 502	68	37.5	84	4,851	3,349
COKER 716	58	31.8	-	4,145	-
TEST MEAN	72	-	95	4,654	3,864
L.S.D. (.10)	9	-	14	1,191	854
C.V. (%)	8	-	11	18	16

CONTINUED

TABLE 12. PERFORMANCE OF SMALL GRAINS AT MONROEVILLE, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
WYSOR	-	-	-	5,065	-
SUSSEX	-	-	-	4,616	-
KEDWEE	-	-	-	4,294	-
VOLBAR	-	-	-	4,160	-
BOONE	-	-	-	4,101	-
ANSON	-	-	-	3,907	-
BARSOY	-	-	-	3,707	-
TEST MEAN	-	-	-	4,264	-
L.S.D. (.10)	-	-	-	406	-
C.V. (%)	-	-	-	7	-
RYE					
NF 73	-	-	-	5,064	-
AFC 20-20	-	-	-	4,752	4,570
MATON	-	-	-	4,704	4,650
NF 142	-	-	-	4,693	-
DOSSCO EXP PR1	-	-	-	4,643	-
GI 85	-	-	-	4,569	4,700
FORAGER	-	-	-	4,523	4,333
WREN'S ABRUZZI	-	-	-	4,507	-
BONEL	-	-	-	4,452	4,825
N.K. VITAGRAZE	-	-	-	4,399	-
GURLEY'S GRAZER 2000	-	-	-	4,364	4,158
FL EXP-201ES79-1	-	-	-	4,277	-
GI 87X	-	-	-	4,269	-
FL-SYN-T	-	-	-	4,251	4,019
N.K. SS-2	-	-	-	4,211	-
WINTERGRAZER 70	-	-	-	4,182	4,475
N.K. SS-1	-	-	-	4,170	-
ELBON	-	-	-	3,900	4,429
FLORIDA 401	-	-	-	3,450	-
TEST MEAN	-	-	-	4,388	4,462
L.S.D. (.10)	-	-	-	668	611
C.V. (%)	-	-	-	11	10
TRITICALE					
FLORIDA 201	32	47.5	-	2,801	-
BEAGLE 82	27	44.3	-	3,134	-
MORRISON	26	46.0	41	3,272	3,957
JENKINS	12	43.2	-	2,518	4,342
FLORICO	-	-	-	3,411	-
AM 4105	-	-	-	3,182	-
TRITICALE 79186	-	-	-	2,888	-
TEST MEAN	24	-	41	3,029	4,150
L.S.D. (.10)	17	-	13	748	817
C.V. (%)	46	-	23	17	14

TABLE 13. PERFORMANCE OF SMALL GRAINS AT BREWTON, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
COKER 84-27	50	54.3	-	-	-
FLORIDA 302	44	54.5	45	3,757	3,344
SALUDA	42	55.9	42	4,368	4,076
COKER EH 8504	41	56.7	-	-	-
COKER 916	41	54.7	38	3,120	-
MCNAIR 1003	38	51.4	39	3,637	3,285
COKER 93-23	38	54.6	-	3,667	-
HW 3015	38	54.5	42	4,492	-
TERRAL 812	35	55.6	37	3,254	-
NASW 76-59	35	53.3	-	-	-
COKER 983	34	55.2	35	3,319	-
BRADFORD	34	53.9	37	3,472	3,403
PIONEER 2551	33	51.8	-	3,548	-
MASSEY	32	54.5	35	3,671	3,187
COKER 84-33	31	56.6	-	-	-
CALDWELL	31	51.6	-	2,932	-
COMPTON	31	55.9	33	3,368	3,584
ADDER	31	53.4	-	3,614	-
FILLMORE	31	48.8	-	2,813	2,990
WILLIAMS	30	54.1	-	-	-
COKER 92-27	29	56.2	-	3,649	-
STACY	29	55.2	-	4,051	3,546
MAGNUM	27	53.8	-	3,461	-
LINCOLN	27	53.5	-	-	-
TERRAL 817	23	52.0	-	3,620	-
TWAIN	23	53.7	-	-	-
HUNTER	22	56.5	33	-	-
PIONEER 2550	21	51.5	-	-	-
AUBURN	20	52.0	-	3,184	3,112
FLORIDA 301	8	49.4	-	3,898	-
TEST MEAN	32	-	38	3,566	3,392
L.S.D. (.10)	5	-	6	604	474
C.V. (%)	12	-	12	12	10
OATS					
CITATION	106	-	83	4,406	4,093
MADISON	99	30.8	85	3,181	3,581
HARPOOL 833	82	31.6	-	4,340	-
COKER 820	81	33.4	-	5,341	-
COKER 227	71	31.1	57	3,756	3,884
COKER 716	63	30.0	-	3,537	-
FLORIDA 501	63	33.4	-	4,357	-
FLORIDA 502	52	33.5	37	3,801	3,188
TEST MEAN	77	-	66	4,090	3,686
L.S.D. (.10)	15	-	13	609	471
C.V. (%)	14	-	14	10	9

CONTINUED

TABLE 13. PERFORMANCE OF SMALL GRAINS AT BREWTON, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
WYSOR	-	-	-	4,086	-
SUSSEX	-	-	-	4,041	-
BARSOY	-	-	-	3,763	-
VOLBAR	-	-	-	3,252	-
KEOWEE	-	-	-	2,994	-
ANSON	-	-	-	2,731	-
BOONE	-	-	-	2,227	-
TEST MEAN	-	-	-	3,299	-
L.S.D. (.10)	-	-	-	518	-
C.V. (%)	-	-	-	11	-
RYE					
GI 85	-	-	-	5,071	4,620
GI 87X	-	-	-	5,014	-
WINTERGRAZER 70	-	-	-	4,745	4,539
NF 73	-	-	-	4,648	-
AFC 20-20	-	-	-	4,447	4,189
FORAGER	-	-	-	4,441	3,979
ELBON	-	-	-	4,426	4,155
BONEL	-	-	-	4,370	4,421
N.K. VITAGRAZE	-	-	-	4,365	-
MATON	-	-	-	4,344	4,132
NF 142	-	-	-	4,207	-
N.K. SS-1	-	-	-	4,190	-
WREN'S ABRUZZI	-	-	-	4,015	-
GURLEY'S GRAZER 2000	-	-	-	3,993	3,797
FL EXP-201ES79-1	-	-	-	3,958	-
N.K. SS-2	-	-	-	3,927	-
DOSSCO EXP PRI	-	-	-	3,923	-
FL-SYN-T	-	-	-	3,518	3,360
FLORIDA 401	-	-	-	3,192	-
TEST MEAN	-	-	-	4,252	4,132
L.S.D. (.10)	-	-	-	751	729
C.V. (%)	-	-	-	13	13
TRITICALE					
MORRISON	17	42.4	29	3,343	3,130
BEAGLE 82	13	40.6	-	2,579	-
COUNCIL	12	38.0	-	386	1,992
FLORIDA 201	9	42.0	-	3,430	-
JENKINS	1	37.0	-	2,986	3,279
AM 4105	-	-	-	3,285	-
TRITICALE 79186	-	-	-	3,166	-
FLORICO	-	-	-	3,047	-
TEST MEAN	11	-	29	2,778	2,801
L.S.D. (.10)	3	-	5	946	915
C.V. (%)	21	-	13	23	23

TABLE 14. PERFORMANCE OF SMALL GRAINS AT HEADLAND, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
COKER 84-27	42	54.5	-	-	-
WILLIAMS	39	57.0	-	-	-
MCNAIR 1003	39	54.1	47	6,689	4,198
FLORIDA 301	33	54.3	-	3,774	-
FLORIDA 302	32	54.9	41	4,205	3,192
PIONEER 2551	31	55.3	-	5,488	-
MASSEY	30	56.4	46	5,023	4,018
AUBURN	30	55.4	-	5,013	3,570
PIONEER 2550	30	55.5	-	-	-
SALUDA	29	-	39	5,335	4,338
HW 3015	29	55.5	47	6,432	-
TERRAL 817	26	54.9	-	3,795	-
COKER 92-27	26	55.7	-	3,651	-
MAGNUM	25	55.6	-	4,924	-
FILLMORE	24	55.0	-	4,675	3,587
COKER EH 8504	24	54.5	-	-	-
STACY	23	53.5	-	6,419	4,663
COMPTON	21	56.3	35	5,565	4,203
ADDER	20	53.9	-	5,217	-
COKER 84-33	20	53.9	-	-	-
HUNTER	20	55.8	31	-	-
TWAIN	20	54.2	-	-	-
COKER 916	18	52.9	29	3,312	-
TERRAL 812	16	54.0	31	3,152	-
COKER 93-23	16	53.9	-	3,080	-
COKER 983	16	55.0	30	3,205	-
CALDWELL	14	53.1	24	4,950	-
LINCOLN	13	56.0	-	-	-
BRADFORD	12	54.0	-	5,132	3,835
NASW 76-59	9	55.4	-	-	-
TEST MEAN	24	-	36	4,716	3,956
L.S.D. (.10)	9	-	9	937	733
C.V. (%)	28	-	18	14	14
OATS					
FLORIDA 501	65	36.3	-	5,646	-
HARPOOL 833	59	36.5	-	7,064	-
COKER 227	58	39.4	55	7,318	4,315
COKER 820	52	38.9	-	7,121	-
FLORIDA 502	45	37.4	49	9,141	4,051
COKER 716	41	35.5	-	6,174	-
CITATION	37	41.4	59	8,465	4,285
MADISON	36	34.9	44	5,795	3,077
TEST MEAN	49	-	52	7,091	3,932
L.S.D. (.10)	20	-	18	1,215	894
C.V. (%)	28	-	25	12	16

CONTINUED

TABLE 14. PERFORMANCE OF SMALL GRAINS AT HEADLAND, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
WYSOR	-	-	-	7,485	-
VOLBAR	-	-	-	6,601	-
BARSOY	-	-	-	6,554	-
KEOWEE	-	-	-	6,391	-
SUSSEX	-	-	-	5,957	-
ANSON	-	-	-	5,923	-
BOONE	-	-	-	4,594	-
TEST MEAN	-	-	-	6,215	-
L.S.D. (.10)	-	-	-	799	-
C.V. (%)	-	-	-	9	-
RYE					
FL-SYN-T	-	-	-	7,880	5,268
DOSSCO EXP PR1	-	-	-	7,563	-
AFC 20-20	-	-	-	7,326	5,504
MATON	-	-	-	7,234	6,082
GURLEY'S GRAZER 2000	-	-	-	6,997	5,408
GI 87X	-	-	-	6,996	-
BONEL	-	-	-	6,881	6,066
NF 142	-	-	-	6,877	-
GI 85	-	-	-	6,873	5,168
N.K. VITAGRAZE	-	-	-	6,807	-
FORAGER	-	-	-	6,777	5,245
WINTERGRAZER 70	-	-	-	6,735	5,679
N.K. SS-2	-	-	-	6,725	-
FL EXP-201ES79-1	-	-	-	6,648	-
NF 73	-	-	-	6,639	-
N.K. SS-1	-	-	-	6,597	-
WREN'S ABRUZZI	-	-	-	6,583	-
FLORIDA 401	-	-	-	6,413	-
ELBON	-	-	-	5,983	5,487
TEST MEAN	-	-	-	6,870	5,545
L.S.D. (.10)	-	-	-	1,203	1,117
C.V. (%)	-	-	-	13	15
TRITICALE					
FLORIDA 201	48	45.6	-	5,416	-
MORRISON	38	39.5	39	5,687	4,688
BEAGLE 82	36	49.0	-	6,020	-
COUNCIL	25	40.8	-	961	2,383
JENKINS	10	41.0	-	3,516	4,385
FLORICO	-	-	-	6,250	-
TRITICALE 79186	-	-	-	5,537	-
AM 4105	-	-	-	4,605	-
TEST MEAN	32	-	39	4,749	3,819
L.S.D. (.10)	14	-	11	2,228	1,569
C.V. (%)	30	-	19	32	30

TABLE 15. PERFORMANCE OF SMALL GRAINS AT FAIRHOPE, ALABAMA, 1987

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987 TEST WT.		3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
WHEAT					
FLORIDA 302	24	54.0	37	3,754	3,497
COKER 92-27	22	56.0	-	3,221	-
MCNAIR 1003	21	51.0	24	3,955	3,971
COKER EH 8504	20	52.8	-	-	-
COKER 983	20	55.1	36	2,998	-
HUNTER	19	55.8	32	-	-
COKER 916	18	53.0	41	3,904	-
FLORIDA 301	17	56.2	-	2,637	-
ADDER	17	51.8	-	3,785	-
COKER 84-33	17	55.4	-	-	-
MAGNUM	17	54.4	-	3,866	-
COKER 93-23	16	51.4	-	3,326	-
HW 3015	15	52.5	33	4,857	-
SALUDA	14	54.1	22	4,602	4,536
TERRAL 812	14	53.4	35	2,668	-
TWAIN	14	54.6	-	-	-
TERRAL 817	13	54.4	-	3,582	-
STACY	13	53.4	-	3,117	3,974
WILLIAMS	13	52.2	-	-	-
COMPTON	13	-	28	4,627	4,577
NASW 76-59	13	51.6	-	-	-
COKER 84-27	13	52.2	-	-	-
BRADFORD	12	54.2	33	3,667	3,939
LINCOLN	11	51.0	-	-	-
CALDWELL	11	44.8	-	4,432	-
AUBURN	10	50.8	-	3,957	4,003
MASSEY	10	51.8	15	3,353	3,609
PIONEER 2551	9	50.8	-	2,675	-
FILLMORE	9	49.8	-	4,367	4,345
PIONEER 2550	6	50.4	-	-	-
TEST MEAN	15	-	30	3,683	4,050
L.S.D. (.10)	5	-	7	832	613
C.V. (%)	24	-	16	16	11
OATS					
COKER 227	11	36.8	31	5,604	4,914
CITATION	10	36.0	41	5,038	4,525
HARPOOL 833	9	33.2	-	4,226	-
MADISON	6	36.8	4	4,682	3,837
FLORIDA 502	6	38.6	32	4,867	4,065
COKER 820	6	40.2	-	4,688	-
FLORIDA 501	6	37.2	-	3,808	-
COKER 716	3	37.8	-	5,763	-
TEST MEAN	7	-	27	4,835	4,336
L.S.D. (.10)	2	-	17	878	646
C.V. (%)	22	-	45	13	11

CONTINUED

TABLE 15. PERFORMANCE OF SMALL GRAINS AT FAIRHOPE, ALABAMA, 1987 CONTINUED

BRAND-VARIETY	GRAIN ONLY YIELD/ACRE			FORAGE ONLY YIELD/ACRE	
	1987	TEST WT.	3-YR. AV.	1987	3-YR. AV.
	BU.	LB./BU.	BU.	LB.	LB.
BARLEY					
SUSSEX	-	-	-	4,264	-
WYSOR	-	-	-	4,170	-
BARSOY	-	-	-	3,980	-
VOLBAR	-	-	-	3,731	-
BOONE	-	-	-	3,461	-
KEOWEE	-	-	-	3,310	-
ANSON	-	-	-	2,910	-
TEST MEAN	-	-	-	3,689	-
L.S.D. (.10)	-	-	-	867	-
C.V. (%)	-	-	-	16	-
RYE					
ELBON	-	-	-	5,573	4,679
BONEL	-	-	-	5,545	4,593
MATON	-	-	-	5,496	4,710
FL-SYN-T	-	-	-	5,407	4,261
NF 73	-	-	-	5,317	-
FL EXP-201ES79-1	-	-	-	4,875	-
GI 87X	-	-	-	4,874	-
GURLEY'S GRAZER 2000	-	-	-	4,851	4,257
NF 142	-	-	-	4,794	-
N.K. SS-2	-	-	-	4,704	-
DOSSCO EXP PR1	-	-	-	4,674	-
WINTERGRAZER 70	-	-	-	4,626	4,340
AFC 20-20	-	-	-	4,576	4,010
GI 85	-	-	-	4,543	4,206
WREY'S ABRUZZI	-	-	-	4,381	-
FORAGER	-	-	-	4,341	3,976
N.K. SS-1	-	-	-	4,338	-
N.K. VITAGRAZE	-	-	-	4,141	-
FLORIDA 401	-	-	-	3,386	-
TEST MEAN	-	-	-	4,760	4,337
L.S.D. (.10)	-	-	-	641	500
C.V. (%)	-	-	-	10	8
TRITICALE					
FLORIDA 201	16	46.8	-	2,261	-
BEAGLE 82	16	42.5	-	3,130	-
MORRISON	10	48.8	22	5,330	4,522
COUNCIL	5	45.8	-	-	-
JENKINS	3	47.8	-	7,502	5,725
AM 4105	-	-	-	5,229	-
TRITICALE 79186	-	-	-	3,785	-
FLORICO	-	-	-	2,742	-
TEST MEAN	10	-	22	4,283	5,124
L.S.D. (.10)	6	-	4	1,110	793
C.V. (%)	39	-	13	18	11

Table 16. Septoria Blotch Ratings for Wheat Varieties in Alabama, 1986-87[1/]

Brand-Variety	Northern Alabama	Central Alabama	Southern Alabama
Adder	5.0	1.8	2.3
Auburn	3.5	1.5	2.0
Bradford	7.5	1.8	2.2
Caldwell	7.5	2.3	2.2
Coker 916	8.0	2.8	2.2
Coker 983	4.5	2.3	1.3
Coker 84-27	5.0	1.3	1.2
Coker 84-33	4.0	2.0	2.8
Coker 92-27	7.0	1.5	2.4
Coker 93-23	6.5	1.8	2.6
Coker EH 8504	5.5	2.0	2.3
Compton	6.5	1.3	2.0
Fillmore	3.0	3.0	1.8
Florida 301	-	2.8	4.8
Florida 302	4.5	1.5	2.0
Hunter	5.5	2.3	2.4
HW 3015	5.0	1.8	2.6
Lincoln	5.0	1.5	1.6
Magnum	6.5	1.8	1.8
Massey	5.5	3.3	2.5
McNair 1003	5.0	2.0	2.2
NASW 76-59	7.0	1.3	2.0
Pike	7.0	2.3	-
Picneer 2550	5.0	1.8	1.6
Pioneer 2551	4.0	1.8	1.4
Saluda	5.0	1.5	1.8
Stacy	6.5	1.8	2.8
Terral 812	6.0	1.0	1.8
Terral 817	6.5	1.7	1.8
Twain	8.0	2.3	1.6
Tyler	7.0	2.8	-
Wheeler	6.0	2.3	-
Williams	6.0	1.8	2.0

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

Table 17. Leaf Rust Ratings for Wheat Varieties in Alabama, 1986-87 [1/]

Brand-variety	Northern Alabama	Central Alabama	Southern Alabama
Adder	.5	0	.2
Auburn	1.5	.3	.2
Bradford	2.5	.5	1.6
Caldwell	1.0	1.5	1.4
Coker 916	2.5	.8	3.2
Coker 983	5.5	3.0	4.0
Coker 84-27	2.0	0	.8
Coker 84-33	0	0	.4
Coker 92-27	0	.8	1.0
Coker 93-23	2.0	1.8	1.4
Coker EH 8504	3.5	1.3	2.4
Compton	0	.3	.8
Fillmore	.5	.8	.6
Florida 301	-	1.0	2.8
Florida 302	1.0	0	.4
Hunter	6.0	3.3	5.0
HW 3015	3.0	1.5	2.6
Lincoln	3.0	0	.8
Magnum	5.0	.5	1.2
Massey	6.0	4.3	7.4
McNair 1003	3.5	1.3	2.0
NASW 76-59	3.0	0	.4
Pike	0	4.0	-
Pioneer 2550	3.0	1.0	.8
Pioneer 2551	2.0	1.0	.6
Saluda	5.0	1.0	3.0
Stacy	3.5	1.0	2.4
Terral 812	.5	.3	1.2
Terral 817	5.5	.3	.6
Twain	0	0	.8
Tyler	8.0	4.5	-
Wheeler	6.0	1.0	-
Williams	1.5	.5	2.4

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

Table 18. Powdery Mildew Ratings for Wheat Varieties in Alabama, 1986-87[1/]

Brand-variety	Northern[2/] Alabama	Central Alabama	Southern[3/] Alabama
Adder	6.0	3.0	2.3
Auburn	3.0	1.3	2.0
Bradford	0	1.7	1.0
Caldwell	7.0	3.7	2.0
Coker 916	3.0	1.0	1.7
Coker 983	3.0	.7	1.5
Coker 84-27	5.0	0	.7
Coker 84-33	0	0	.7
Coker 92-27	7.0	1.3	1.7
Coker 93-23	5.0	2.0	2.3
Coker EH 8504	6.0	1.3	2.0
Compton	7.0	1.0	3.0
Fillmore	5.0	1.0	3.0
Florida 301	-	1.0	2.0
Florida 302	0	1.3	.7
Hunter	-	2.7	0
HW 3015	4.0	1.3	2.0
Lincoln	5.0	.3	1.7
Magnum	5.0	1.3	3.3
Massey	0	1.7	3.0
McNair 1003	6.0	.7	1.7
NASW 76-59	9.0	2.7	2.7
Pike	7.0	2.3	-
Pioneer 2550	0	2.7	1.7
Pioneer 2551	4.0	2.7	2.7
Saluda	7.0	1.6	2.0
Stacy	4.0	2.3	1.3
Terral 812	0	1.7	1.7
Terral 817	1.0	.5	.3
Twain	0	1.3	1.7
Tyler	-	1.3	-
Wheeler	8.0	3.0	-
Williams	6.0	1.0	1.3

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

[2/] Crossville only.

[3/] Camden, Headland, and Fairhope only.

Table 19. Disease Ratings for Barley Varieties in Alabama, 1986-87[1/]

Brand-variety	Stripe	Spot blotch	Septoria	Net blotch
Northern Alabama				
Anson	3.0	2.5	0	6.5
Barsoy	-	-	-	-
Boone	1.5	5.0	0	6.0
Keowee	2.0	5.5	0	5.0
Sussex	-	-	-	-
Volbar	1.5	5.5	0	5.5
Wysor	5.0	3.0	0	3.0
Central Alabama				
Anson	.3	1.3	3.0	1.7
Barsoy	1.7	2.0	1.7	2.0
Boone	1.0	.6	1.7	.6
Keowee	1.0	2.0	1.0	1.0
Sussex	0	3.5	1.5	4.0
Volbar	.3	2.0	1.0	1.0
Wysor	.3	1.0	1.0	1.0

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

Table 20. Disease Ratings for Triticale Varieties in Alabama, 1986-87[1/]

Brand-variety	Leaf rust	Septoria
Northern Alabama		
Beagle 82	4.0	5.5
Council	-	-
Florida 201	3.0	6.5
Jenkins	0	2.5
Morrison	0	4.5
Central Alabama		
Beagle 82	.6	3.7
Council	-	-
Florida 201	1.0	5.3
Jenkins	0	1.8
Morrison	0	1.3
Southern Alabama		
Beagle 82	4.8	5.2
Council	.8	2.5
Florida 201	4.2	6.6
Jenkins	3.4	2.2
Morrison	.2	1.8

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

Table 21. Disease Ratings for Oat Varieties in Alabama, 1986-87

Brand-variety	Helminthosporium leaf spot[1/]	Leaf rust[1/]	Mosaic & red leaf[2/]	Septoria[1/]
Northern Alabama				
Citation	5.5	0	0.5	0
Coker 227	6.5	0	7.5	0
Coker 716	5.5	0	0	1.5
Coker 820	5.0	0	0	.5
Florida 501	7.0	0	12.5	0
Florida 502	8.0	0	0	-
Harpool 833	4.0	0	22.5	.5
Madison	5.0	0	5.0	0
Central Alabama				
Citation	2.3	0	11.5	.8
Coker 227	1.5	0	21.3	1.0
Coker 716	5.5	0	15.5	1.3
Coker 820	1.8	0	3.8	.8
Florida 501	2.3	0	8.8	1.0
Florida 502	1.8	0	10.0	1.3
Harpool 833	1.3	0	4.0	.5
Madison	1.5	0	6.5	.8
Southern Alabama				
Citation	1.4	.2	0	1.0
Coker 227	2.2	1.2	2.0	1.0
Coker 716	1.6	3.8	9.0	.8
Coker 820	1.6	.8	0	.6
Florida 501	3.4	.8	1.0	.6
Florida 502	3.2	0	11.0	1.6
Harpool 833	1.4	.8	2.2	.8
Madison	1.2	4.2	0	.8

[1/] 0-9 scale: 0 = no disease, 9 = severe disease.

[2/] Percent plants affected.

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 16-20. For lodging, plant height, and maturity ratings, see tables 1, 5, and 10.

NORTHERN ALABAMA

WHEAT	OATS	BARLEY
Saluda	Madison	Volbar
Caldwell	Coker 716	Anson
HW 3015	Harpool 833**	Barsoy*
Massey		Sussex*
Pioneer Brand 2550		Keowee*
Florida 302		Wysor**
McNair 1003*		
Tyler*		

CENTRAL ALABAMA

WHEAT	OATS
HW 3015	Citation
Saluda	Coker 716
Compton	Madison
McNair 1003	Coker 820**
Caldwell	Harpool 833**
Pioneer Brand 2550	
Massey	
Stacy	
Coker 916	
Florida 302	

SOUTHERN ALABAMA

WHEAT	OATS
HW 3015	Citation
Florida 302	Coker 227
McNair 1003	Madison
Coker 983	
Coker 916	

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*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 in tables 1, 5, and 10. Varieties are listed in descending order of yield.

NORTHERN ALABAMA

RYE	WHEAT	OATS	BARLEY
Bonel	Caldwell	Coker 227	Sussex
Elbon	Compton	Coker 716	Keowee
Wintergrazer 70	Pioneer Brand 2550		Barsoy*
AFC 20-20	Massey		Wysor**
Gurley's Grazer 2000*	McNair 1003		
	Fillmore**		
	HW 3015**		

CENTRAL ALABAMA

RYE	WHEAT	OATS	BARLEY
Wintergrazer 70	Pioneer Brand 2550	Coker 227	Sussex
Maton	Saluda	Coker 716	Barsoy*
Bonel	Compton		Wysor**
AFC 20-20	Stacy		
GI 85	Caldwell		
Gurley's Grazer 2000*	McNair 1003		
	Massey		
	Auburn*		
	Fillmore*		
	HW 3015**		

SOUTHERN ALABAMA

RYE	WHEAT	OATS
Bonel	Saluda	Coker 227
Maton	Stacy	Citation
Wintergrazer 70	Compton	
Elbon	McNair 1003	
GI 85	Florida 302*	
AFC 20-20	Massey*	

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*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.

SOURCES OF SEED

WHEAT

Adder, Auburn, Caldwell, Compton, Fillmore	Ag. Alumni Seed Imp. Assoc., Inc. Romney, Indiana
Coker (all varieties) Coker 84-27 now Coker 9766 Coker 84-33 now Coker 9733 McNair 1003, HW 3015	Coker's Pedigreed Seed Co. West Memphis, Arkansas
AgriPro Brand, Hunter, Magnum, NASW 76-59 Lincoln, Twain	AgriPro Research Brookston, Indiana
Florida 301, Florida 302	Florida Foundation Seed Prod., Inc. Greenwood, Florida
Stacy	Georgia Seed Development Comm. Athens, Georgia
Pike	Missouri Foundation Seeds Columbia, Missouri
Pioneer Brand 2550 and 2551	Pioneer Hi-Bred International, Inc. Tipton, Indiana
Bradford	Foundation Seed Service College Station, Texas
Terral 812, Terral 817	Terral-Norris Seed Co. Lake Providence, Louisiana
Wheeler, Massey, Saluda	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Tyler	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Williams	South Carolina Crop Imp. Assoc. Clemson, South Carolina

OATS

Coker (all varieties)	Rohm and Haas Seeds Hartsville, South Carolina

Florida 501, Florida 502	Univ. of Florida Agric. Research Center, Quincy, Florida
Madison	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Harpool 833	Arkansas County Seed Stuttguart, Arkansas
Citation	Terral-Norris Seed Co. Lake Providence, Louisiana
RYE	
Wrens Abruzzi	Georgia Seed Development Co. Athens, Georgia
Bonel, Maton, Elbon NF 73, NF 142	Noble Foundation, Ardmore, Oklahoma
Gurley's Grazer 2000, GI-85 GI-87X, AFC 20-20	Gurley's, Inc. Selma, North Carolina
N.K. SS-1, SS-2 Vitagraze	Northrup King, Inc. Laurinburg, North Carolina
Wintergrazer 70	Pennington Seed, Inc. Madison, Georgia
Forager	Pineland Plantation Newton, Georgia
Dossco EXP-1	Dothan Seed Co. Dothan, Alabama
Florida 401, FL-Syn-T FL Exp-201ES79-1	Univ. of Florida Agric. Research Center, Quincy, Florida
BARLEY	
Barsoy	Department of Agronomy, University of Kentucky, Lexington, Kentucky
Keowee	South Carolina Crop Imp. Assoc. Clemson, South Carolina

Sussex, Wysor	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Volbar	Department of Agronomy, University of Tennessee, Knoxville, Tennessee
Anson, Boone	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina

TRITICALE

Council, Morrison, AM 4105	Alabama A & M University Normal, Alabama
Jenkins	Arco Seed Co. Hereford, Texas
Beagle 82, Florida 201	Univ. of Florida Agric. Research Center, Quincy, Florida
Florico	Mixon Seed Co., Inc. Orangeburg, South Carolina
Triticale 79186	Van Der Have Oregon, Inc. Albany, Oregon