

*The 1992 Alabama Performance 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 1992 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. Planting dates for all tests in 1989 were delayed because of excess

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rainfall with average dates being October 30, November 29, and December 11 for northern, central and southern tests, respectively. Planting dates for 1990 tests were at normal times. Planting dates for all tests in 1991 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: The grazing test was located at Camden only. This test was 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. The test was planted November 4, 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 1989, 1990, and 1991 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 1991-92 growing season are given in tables 17 through 25. 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 disease incidence and severity again were generally light in the variety tests, with some notable exceptions. Leaf rust was very severe on most wheat entries in tests at the Gulf Coast Substation and Monroeville Experiment Field, and moderate to severe on many entries in the Brewton, Prattville, Wiregrass, and Tennessee Valley tests. Septoria blotch was also very severe on most wheats in the Gulf Coast and Prattville tests, on many in the Tennessee Valley and Upper Coastal Plain tests, and on some in the Black Belt, E.V. Smith, and Wiregrass tests. Incidence of barley yellow dwarf generally was much higher than last year, particularly

in the tests in north Alabama. Soilborne wheat mosaic was diagnosed on a few wheats in most tests in central and south Alabama. Powdery mildew developed to significant levels at most locations in south Alabama and in the tests at the Prattville Experiment Field and the Sand Mountain Substation. On oat, disease levels were generally very light at all locations except the Gulf Coast Substation where leaf rust and Septoria blotch were prevalent on most entries. Septoria blotch commonly occurred on triticales but reached apparently damaging levels at only a few locations.

Soilborne wheat mosaic was diagnosed for the first time in Alabama in 1989, and to date has been found in 28 counties scattered throughout the State. This disease is caused by a virus that in turn is spread by a root-inhabiting fungus. Incidence of the disease in the variety tests was lower in 1992 than in 1991. Ratings of wheat cultivars for reactions to soilborne wheat mosaic in 1992 are included in this report.

### **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 1989-90 and 1991-92 seasons were warmer than normal in fall and winter, causing many of the less hardy varieties of wheat and triticales to start heading in February. Early heading resulted in cold damage at central and southern locations in 1991. However, in 1992 no cold damage was observed.

Conditions in the 1989-90 season were wetter than normal in late October and through November, resulting in many of the grain only tests 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. There appeared to be sufficient low temperature in 1991-92 for vernalization of all entries when planted in late October.

Table 1. Location, Planting and Harvest Dates for 1991-92  
Small Grain Tests

Location	Date planted	Date harvested
<u>Northern Alabama</u>		
Tennessee Valley Substation (Belle Mina)		
Small grain forage only.....	October 7	
Small grain grain only.....	October 28	June 22
Sand Mountain Substation (Crossville)		
Small grain forage only.....	October 11	
Small grain grain only.....	November 11	June 16
Upper Coastal Plain Substation (Winfield)		
Small grain forage only.....	October 9	
Small grain grain only.....	October 31	June 16
<u>Central Alabama</u>		
Black Belt Substation (Marion Junction)		
Small grain forage only.....	October 2	
Small grain grain only.....	November 8	June 10
Piedmont Substation (Camp Hill)		
Small grain forage only.....	No stand	Not harvested
Small grain grain only.....	No stand	Not harvested
E.V. Smith Research Center (Tallassee)		
Small grain forage only.....	October 1	
Small grain grain only.....	November 7	May 19 & June 2
Prattville Experiment Field (Prattville)		
Small grain forage only.....	October 17	
Small grain grain only.....	November 6	June 10
<u>Southern Alabama</u>		
Brewton Experiment Field (Brewton)		
Small grain forage only.....	November 26	
Small grain grain only.....	November 26	May 22 & June 26
Small grain grain only late.....	December 5	May 22 & June 26
Gulf Coast Substation (Fairhope)		
Small grain forage only.....	October 10	
Small grain grain only.....	November 12	May 14-19
Small grain grain only late.....	December 6	May 19-25
Monroeville Experiment Field (Monroeville)		
Small grain forage only.....	October 3	
Small grain grain only.....	November 29	May 21 & June 23
Small grain grain only late.....	November 29	May 21 & June 23
Lower Coastal Plain Substation (Camden)		
Small grain forage only.....	October 4	
Small grain grain only.....	November 4	June 5
Small grain grain only late.....	December 13	June 10
Small grain grain after grazing.....	November 4	June 10 & 12
Wiregrass Substation (Headland)		
Small grain forage only.....	October 8	
Small grain grain only.....	November 13	May 25
Small grain grain only late.....	December 12	May 25

Table 2. Characteristics of Small Grains Tested in Northern Alabama, 3-year Summary

Brand-variety	Average yield/acre			Average yield/acre			1992 Average			Test wt. Lb./Bu.
	Grain only			Forage only			Lodging Pct.	Height In.	1/10 Date Headed	
	1992 Bu.	2-yr. Bu.	3-yr. Bu.	1992 Lb.	2-yr. Lb.	3-yr. Lb.				
<b>Wheat</b>										
Wakefield.....	63	41	41	2,865	3,324	-	0	35	4-23	55.9
Pioneer 2548.....	60	39	41	2,941	3,652	3,538	0	30	4-21	55.4
Terral 101.....	59	37	38	-	-	-	0	33	4-23	54.2
Saluda.....	60	38	38	2,841	3,446	3,202	0	30	4-22	56.9
Tyler.....	56	35	36	-	-	-	4	36	4-23	54.6
Florida 302.....	55	34	35	3,022	2,579	2,574	0	33	4-21	54.4
GA Gore.....	55	38	35	2,789	-	-	4	32	4-18	55.4
FFR 525W.....	54	37	35	-	-	-	3	33	4-20	57.0
<b>Northrup King</b>										
Coker 983.....	54	34	35	-	-	-	0	28	4-20	57.5
Madison.....	52	34	34	2,794	3,222	-	4	30	4-18	54.2
Caldwell.....	57	33	34	2,938	3,889	3,546	2	34	4-22	55.2
Compton.....	50	34	33	2,459	3,550	3,122	0	33	4-22	57.0
<b>Northrup King</b>										
Coker 9766.....	50	31	33	2,517	2,763	2,635	9	30	4-22	55.0
Bayles.....	52	31	32	2,662	2,768	-	0	31	4-19	54.3
<b>Northrup King</b>										
Coker 9543.....	60	-	-	-	-	-	0	28	4-20	56.6
ST 350W.....	53	37	-	-	-	-	0	32	4-20	54.6
FFR 515W.....	53	-	-	-	-	-	0	31	4-19	54.3
DS 2368.....	48	-	-	-	-	-	1	30	4-17	56.6
Massey.....	-	-	-	3,009	3,294	3,301	-	-	-	-
Williams.....	-	-	-	2,919	3,584	3,269	-	-	-	-
Stacy.....	-	-	-	2,668	3,503	3,243	-	-	-	-
Test Mean.....	55	35	36	2,802	3,298	3,159	2	32	-	-
L.S.D. (.10).....	7	6	6	399	409	423	-	-	-	-
C.V. (%).....	9	12	13	10	9	10	-	-	-	-
<b>Oats</b>										
FFR SS 7630.....	100	69	66	3,416	2,315	2,110	4	37	4-18	36.8
Simpson.....	95	60	62	3,423	2,253	2,032	10	36	4-24	35.6
<b>Northrup King</b>										
Coker 716.....	96	64	62	3,057	1,965	1,896	6	35	4-24	34.9
Citation.....	93	64	61	3,370	2,061	1,856	7	35	4-20	36.1
833.....	86	65	57	3,128	1,950	1,804	1	33	4-24	35.6
GA Mitchell.....	96	62	-	3,001	-	-	1	30	4-22	37.3
Test Mean.....	94	64	62	3,233	2,109	1,939	5	34	-	-
L.S.D. (.10).....	10	14	13	335	241	266	-	-	-	-
C.V. (%).....	7	17	16	7	8	10	-	-	-	-
<b>BARLEY</b>										
Wysor.....	56	38	43	2,927	2,379	2,535	3	30	4-19	41.6
Susses.....	49	36	40	3,156	2,306	2,403	13	29	4-12	40.9
Anson.....	63	39	36	-	-	-	8	35	4-19	40.5
Nomini.....	54	-	-	-	-	-	14	30	4-12	42.9
Clemson 100.....	51	37	-	3,353	-	-	4	30	4-16	40.9
Test Mean.....	54	38	40	3,145	2,343	2,469	8	31	-	-
L.S.D. (.10).....	8	7	10	327	304	354	-	-	-	-
C.V. (%).....	10	13	18	7	9	11	-	-	-	-

continued

Table 2. Characteristics of Small Grains Tested in Northern Alabama, 3-year Summary  
continued

Brand-variety	Average yield/acre			Average yield/acre			1992 Average			Test wt. Lb./Bu.
	Grain only			Forage only			Lodging height Pct.	1/10 In.	Date	
	1992	2-yr.	3-yr.	1992	2-yr.	3-yr.				
Bu.	Bu.	Bu.	Lb.	Lb.	Lb.					
<b>Rye</b>										
AFC 20-20.....	-	-	-	4,415	3,508	3,227	-	-	-	-
Maton.....	-	-	-	4,247	3,293	3,187	-	-	-	-
Volunteer Magic.....	-	-	-	4,239	3,288	3,102	-	-	-	-
CGI 90.....	-	-	-	4,380	3,170	3,095	-	-	-	-
Bonel.....	-	-	-	4,277	3,119	3,078	-	-	-	-
GI 87X.....	-	-	-	4,272	3,232	3,071	-	-	-	-
Wren's Abruzzo AL.....	-	-	-	3,928	2,781	2,700	-	-	-	-
Florida 401.....	-	-	-	3,357	2,425	2,524	-	-	-	-
GA WAC5L.....	-	-	-	4,365	3,010	-	-	-	-	-
Graze King 90.....	-	-	-	4,208	3,301	-	-	-	-	-
Florida 402.....	-	-	-	3,973	2,853	-	-	-	-	-
Test Mean.....	-	-	-	4,151	3,089	2,998	-	-	-	-
L.S.D. (.10).....	-	-	-	543	471	471	-	-	-	-
C.V. (%).....	-	-	-	10	11	12	-	-	-	-
<b>Triticale</b>										
Thomas.....	50	34	33	3,223	2,972	3,047	0	43	4-19	48.4
Stan II.....	50	30	32	-	-	-	0	39	4-24	46.9
Morrison.....	44	28	31	-	-	-	0	54	4-21	49.2
Sunland.....	35	22	24	-	-	-	0	32	4-14	51.3
Stan I.....	-	-	-	3,350	2,506	2,952	-	-	-	-
Beagle 82.....	-	-	-	2,424	1,685	1,640	-	-	-	-
Test Mean.....	45	29	30	2,999	2,388	2,546	0	42	-	-
L.S.D. (.10).....	5	5	12	462	341	408	-	-	-	-
C.V. (%).....	7	12	30	11	10	12	-	-	-	-

Table 3. Performance of Small Grains at Belle Mina, Alabama, 1992

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<b>Wheat</b>					
Wakefield.....	70	58.7	48	3,901	-
Northrup King					
Coker 9543.....	69	59.4	-	-	-
Saluda.....	68	59.4	43	3,680	4,330
Caldwell.....	67	58.2	42	4,349	5,052
FFR 515W.....	67	56.6	-	-	-
FFR 525W.....	66	59.8	50	-	-
Pioneer 2548.....	65	58.2	50	4,208	5,113
Terral 101.....	65	57.1	48	-	-
ST 350W.....	63	58.0	-	-	-
Compton.....	63	59.9	42	3,381	4,441
Tyler.....	62	58.0	42	-	-
GA Gore.....	62	56.8	44	3,794	-
Florida 302.....	59	58.0	43	4,293	3,530
Madison.....	58	57.0	44	3,929	-
Bayles.....	57	55.8	40	3,513	-
Northrup King					
Coker 983.....	56	59.5	39	-	-
Northrup King					
Coker 9766.....	50	57.2	38	3,541	3,702
DS 2368.....	45	59.1	-	-	-
Massey.....	-	-	-	4,131	4,522
Williams.....	-	-	-	3,789	4,573
Stacy.....	-	-	-	3,491	4,488
Test Mean.....	62	-	44	3,846	4,417
L.S.D. (.10).....	8	-	6	428	492
C.V. (%).....	9	-	10	8	8
<b>Oats</b>					
Simpson.....	98	38.0	63	4,768	2,834
FFR SS 7630.....	95	39.3	63	4,955	2,973
Citation.....	94	38.2	65	4,561	2,410
Northrup King					
Coker 716.....	90	36.7	63	4,377	2,784
GA Mitchell.....	90	38.7	-	4,296	-
833.....	88	36.7	59	4,577	2,507
Test Mean.....	92	-	62	4,589	2,701
L.S.D. (.10).....	6	-	16	343	255
C.V. (%).....	5	-	18	5	7

continued

Table 3. Performance of Small Grains at Belle Mina, Alabama, 1992

continued

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Barley</u>					
Anson.....	65	44.4	42	-	-
Wysor.....	64	44.9	54	3,656	3,144
Nomoni.....	55	46.6	-	-	-
Clemson 100.....	52	45.0	-	4,340	-
Sussex.....	48	44.7	41	4,002	2,993
Test Mean.....	57	-	46	3,999	3,068
L.S.D. (.10).....	10	-	8	96	365
C.V. (%).....	12	-	12	1	8
<u>Rye</u>					
GA WAC5L.....	-	-	-	6,607	-
CGI 90.....	-	-	-	6,513	-
Maton.....	-	-	-	6,327	-
GI 87X.....	-	-	-	6,251	-
AFC 20-20.....	-	-	-	6,229	-
Graze King 90.....	-	-	-	6,209	-
Bonel.....	-	-	-	6,193	-
Volunteer Magic....	-	-	-	6,015	-
Wren's Abruzzi AL..	-	-	-	5,893	-
Florida 402.....	-	-	-	5,530	-
Florida 401.....	-	-	-	5,076	-
Test Mean.....	-	-	-	6,077	-
L.S.D. (.10).....	-	-	-	635	-
C.V. (%).....	-	-	-	7	-
<u>Triticale</u>					
Thomas.....	47	51.5	33	5,058	3,658
Morrison.....	41	52.3	34	-	-
Stan II.....	39	49.9	27	-	-
Sunland.....	27	54.0	20	-	-
Stan I.....	-	-	-	4,968	3,491
Beagle 82.....	-	-	-	3,856	2,117
Test Mean.....	39	-	29	4,628	3,089
L.S.D. (.10).....	5	-	5	795	430
C.V. (%).....	8	-	13	10	10



Table 4. Performance of Small Grains at Crossville, Alabama, 1992

Brand-variety	Grain only yield/acre			Forage only yield/ acre	
	1992 Test wt.		3-yr. av.	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Wheat</u>					
Wakefield.....	74	55.8	42	2,701	-
Pioneer 2548.....	71	54.3	39	2,770	-
Northrup King					
Coker 9543.....	70	56.4	-	-	-
Terral 101.....	68	54.1	37	-	-
DS 2368.....	68	56.5	-	-	-
GA Gore.....	67	55.2	37	2,573	-
Saluda.....	66	55.1	38	2,654	-
Northrup King					
Coker 983.....	65	57.5	36	-	-
Bayles.....	65	53.9	34	2,652	-
Tyler.....	64	54.2	38	-	-
Florida 302.....	64	53.2	34	2,662	-
Madison.....	63	52.6	34	2,791	-
ST 350W.....	62	54.1	-	-	-
Caldwell.....	61	53.9	31	2,552	-
Northrup King					
Coker 9766.....	61	54.8	33	2,339	-
FFR 515W.....	59	53.8	-	-	-
FFR 525W.....	58	55.5	30	-	-
Compton.....	56	56.2	35	2,303	-
Stacy.....	-	-	-	2,790	-
Massey.....	-	-	-	2,751	-
Williams.....	-	-	-	2,672	-
Test Mean.....	65	-	36	2,631	-
L.S.D. (.10).....	6	-	5	333	-
C.V. (%).....	7	-	10	9	-
<u>Oats</u>					
FFR SS 7630.....	137	35.4	87	3,032	1,683
Citation.....	117	35.7	73	2,914	1,534
Simpson.....	115	34.9	70	2,806	1,494
GA Mitchell.....	114	36.6	-	2,555	-
Northrup King					
Coker 716.....	113	34.0	71	2,727	1,388
833.....	104	34.9	63	2,629	1,364
Test Mean.....	117	-	73	2,777	1,493
L.S.D. (.10).....	14	-	16	339	233
C.V. (%).....	8	-	16	8	11

continued

Table 4. Performance of Small Grains at Crossville, Alabama, 1992

continued

Brand-variety	Grain only yield/acre			Forage only yield/acre		
	1992 Test wt.		3-yr. av.	1992		3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.	
<u>Barley</u>						
Anson.....	79	39.0	45	-	-	
Sussex.....	68	39.0	50	2,954	2,482	
Wysor.....	76	40.7	49	3,038	2,393	
Clemson 100.....	74	39.7	-	3,266	-	
Nomini.....	73	39.0	-	-	-	
Test Mean.....	76	-	48	3,086	2,438	
L.S.D. (.10).....	6	-	7	481	308	
C.V. (%).....	5	-	10	9	9	
<u>Rye</u>						
GA WAC5L.....	-	-	-	4,382	-	
Bonel.....	-	-	-	4,146	3,034	
Volunteer Magic.....	-	-	-	4,143	3,070	
AFC 20-20.....	-	-	-	4,016	3,094	
CGI 90.....	-	-	-	4,013	2,973	
Maton.....	-	-	-	3,977	3,097	
GI 87X.....	-	-	-	3,973	2,971	
Florida 402.....	-	-	-	3,877	-	
Graze King 90.....	-	-	-	3,801	-	
Wren's Abrizzo AL.....	-	-	-	3,435	2,536	
Florida 401.....	-	-	-	2,940	2,385	
Test Mean.....	-	-	-	3,882	2,895	
L.S.D. (.10).....	-	-	-	626	455	
C.V. (%).....	-	-	-	11	12	
<u>Triticale</u>						
Stan II.....	86	45.0	46	-	-	
Thomas.....	80	45.5	45	2,411	-	
Morrison.....	66	47.2	38	-	-	
Sunland.....	58	50.1	28	-	-	
Stan I.....	-	-	-	3,065	-	
Beagle 82.....	-	-	-	1,758	-	
Test Mean.....	72	-	39	2,411	-	
L.S.D. (.10).....	5	-	7	492	-	
C.V. (%).....	5	-	13	12	-	

Table 5. Performance of Small Grains at Winfield, Alabama, 1992

Brand-variety	Grain only yield/acre		Forage only yield/acre		
	1992 test wt. 3-yr. av.		1992	3-yr. av.	
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Wheat</u>					
Saluda.....	47	56.2	32	2,190	2,137
Wakefield.....	45	53.1	32	1,993	-
Caldwell.....	44	53.6	30	1,914	2,169
Terral 101.....	44	51.4	30	-	-
Pioneer 2548.....	43	53.6	33	1,846	2,020
Tyler.....	43	51.7	30	-	-
Northrup King					
Coker 9543.....	41	54.1	-	-	-
Florida 302.....	41	52.1	29	2,111	1,738
Northrup King					
Coker 983.....	40	55.4	29	-	-
Northrup King					
Coker 9766.....	38	53.0	28	1,672	1,628
FFR 525W.....	38	55.8	27	-	-
GA Gore.....	36	54.1	25	2,002	-
Bayles.....	35	53.2	22	1,822	-
Madison.....	35	53.1	25	1,663	-
ST 350W.....	35	51.8	-	-	-
FFR 515W.....	33	52.4	-	-	-
DS 2368.....	33	54.2	-	-	-
Compton.....	31	55.0	23	1,694	1,854
Williams.....	-	-	-	2,296	2,048
Massey.....	-	-	-	2,146	2,166
Stacy.....	-	-	-	1,723	1,957
Test Mean.....	39	-	28	1,929	1,969
L.S.D. (.10).....	7	-	7	459	410
C.V. (%).....	14	-	19	17	15
<u>Oats</u>					
Northrup King					
Coker 716.....	84	34.0	52	2,069	-
GA Mitchell.....	83	36.6	-	2,152	-
Simpson.....	71	33.9	52	2,695	-
Citation.....	69	34.3	46	2,637	-
FFR SS 7630.....	68	35.8	47	2,260	-
833.....	66	35.2	50	2,179	-
Test Mean.....	74	-	49	2,332	-
L.S.D. (.10).....	9	-	8	389	-
C.V. (%).....	8	-	12	11	-
<u>Barley</u>					
Anson.....	44	38.1	21	-	-
Nomini.....	33	43.0	-	-	-
Wysor.....	27	39.1	27	2,086	2,068

continued

Table 5. Performance of Small Grains at Winfield, Alabama, 1992

continued

Brand-variety	Grain only yield/acre		Forage only yield/acre		
	1992 test wt. 3-yr. av.		1992	3-yr. av.	
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
Clemson 100.....	26	38.1	-	2,455	-
Sussex.....	22	39.1	28	2,511	1,735
Test Mean.....	30	-	26	2,350	1,902
L.S.D. (.10).....	8	-	14	467	411
C.V. (%).....	18	-	39	11	15
<u>Rye</u>					
AFC 20-20.....	-	-	-	2,998	-
CGI 90.....	-	-	-	2,615	-
Graze King 90.....	-	-	-	2,614	-
GI 87X.....	-	-	-	2,592	-
Volunteer Magic.....	-	-	-	2,559	-
Florida 402.....	-	-	-	2,511	-
Bonel.....	-	-	-	2,492	-
Wren's Abruzzi AL.....	-	-	-	2,458	-
Maton.....	-	-	-	2,438	-
GA WAC5L.....	-	-	-	2,105	-
Florida 401.....	-	-	-	2,056	-
Test Mean.....	-	-	-	2,494	-
L.S.D. (.10).....	-	-	-	387	-
C.V. (%).....	-	-	-	11	-
<u>Triticale</u>					
Morrison.....	25	48.0	21	-	-
Stan II.....	24	45.9	22	-	-
Thomas.....	23	48.1	21	2,201	-
Sunland.....	21	49.9	23	-	-
Stan I.....	-	-	-	2,018	-
Beagle 82.....	-	-	-	1,658	-
Test Mean.....	23	-	22	1,959	-
L.S.D. (.10).....	5	-	20	207	-
C.V. (%).....	15	-	67	6	-

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			1992 Average			Test wt. Lb./Bu.
	1992	2-yr.	3-yr.	1992	2-yr.	3-yr.	Lodging Height	1/10	Test wt.	
	Bu.	Bu.	Bu.	Lb.	Lb.	Lb.	Pct.	In.	Date	
<b>Wheat</b>										
Wakefield.....	76	55	48	4,391	3,627	-	0	41	4-13	56.0
FFR 525W.....	76	55	47	-	-	-	0	44	4-12	58.0
GA Gore.....	66	49	44	4,332	3,667	-	0	39	4-8	57.4
Northrup King Coker 983.....	70	50	43	-	-	-	0	36	4-8	58.7
Northrup King Coker 9766.....	62	45	43	3,947	3,328	3,489	1	40	4-10	54.6
Terral 101.....	66	47	43	-	-	-	0	42	4-14	54.9
Pioneer 2548.....	66	48	42	4,380	3,539	3,833	0	39	4-13	56.7
Bayles.....	70	47	41	4,032	3,358	-	0	39	4-8	55.6
GA 100.....	65	45	41	3,972	3,370	-	0	37	4-10	56.6
Florida 302.....	72	47	40	3,987	3,322	3,680	0	41	4-10	57.0
Williams.....	65	46	39	4,532	3,737	3,914	0	42	4-12	55.4
Saluda.....	68	45	38	4,500	3,855	4,028	0	38	4-14	57.5
Caldwell.....	64	39	33	4,411	3,666	3,923	0	40	4-16	56.2
Florida 303.....	54	33	32	4,018	2,919	3,242	0	38	3-27	57.6
GA Andy.....	45	31	31	3,927	3,125	-	0	38	3-27	55.4
Northrup King Coker 9134.....	74	52	-	-	-	-	0	40	4-12	56.8
Florida 304.....	70	-	-	-	-	-	0	42	4-10	56.9
ST 350W.....	66	49	-	-	-	-	0	41	4-11	55.1
DS 2368.....	65	-	-	-	-	-	0	41	4-5	57.3
Florida 301H.....	46	-	-	4,393	-	-	2	45	3-31	56.6
Florida 301.....	41	-	-	-	-	-	0	45	3-31	55.9
Stacy.....	-	-	-	4,222	3,577	3,830	-	-	-	-
Massey.....	-	-	-	4,001	3,443	3,652	-	-	-	-
Compton.....	-	-	-	3,924	3,245	3,393	-	-	-	-
Madison.....	-	-	-	4,185	3,364	-	-	-	-	-
Test Mean.....	64	46	40	4,186	3,446	3,699	0	40	-	-
L.S.D. (.10).....	14	9	8	589	463	476	-	-	-	-
C.V. (%).....	16	14	15	10	10	10	-	-	-	-
<b>Oats</b>										
Simpson.....	116	76	65	4,126	3,464	3,414	4	52	4-20	35.3
Cination.....	100	65	62	4,402	3,539	3,532	7	51	4-13	35.5
833.....	84	61	55	4,199	3,603	3,496	0	47	4-19	35.0
Northrup King Coker 227.....	77	54	51	4,028	3,549	3,535	7	48	4-15	33.2
FFR SS 7630.....	76	55	51	4,398	3,747	3,716	0	52	4-10	34.1
GA Mitchell.....	99	67	-	4,082	-	-	0	41	4-15	35.6
Florida 502.....	74	54	-	3,961	2,951	-	0	43	4-7	33.3
Florida 501.....	72	49	-	4,391	3,153	-	6	45	4-9	31.5
Test Mean.....	87	60	57	4,198	3,429	3,539	3	47	-	-
L.S.D. (.10).....	17	13	12	532	468	531	-	-	-	-
C.V. (%).....	14	15	16	9	10	11	-	-	-	-

continued

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			1992 Average			Test wt. Lb./Bu.
	1992	2-yr.	3-yr.	1992	2-yr.	3-yr.	Lodging	Height	1/10	
	Bu.	Bu.	Bu.	Lb.	Lb.	Lb.	Pct.	In.	Date	
<b>Rye</b>										
Maton.....	-	-	-	5,506	4,326	4,215	-	-	-	-
Volunterr Magic.....	-	-	-	4,807	4,398	4,187	-	-	-	-
Gurley Grazer 2000X....	-	-	-	4,866	4,426	4,139	-	-	-	-
Gurley Grazer 2000.....	-	-	-	5,077	4,176	4,105	-	-	-	-
AFC 20-10.....	-	-	-	4,951	4,106	4,044	-	-	-	-
Bonel.....	-	-	-	4,857	4,085	4,035	-	-	-	-
Florida 402.....	-	-	-	4,880	4,160	4,022	-	-	-	-
GI 85.....	-	-	-	4,970	4,105	4,009	-	-	-	-
Wren's Abrizzi AL.....	-	-	-	5,069	4,097	3,791	-	-	-	-
GA WAC5L.....	-	-	-	5,116	4,431	-	-	-	-	-
Florida 401.....	-	-	-	4,983	-	-	-	-	-	-
Test Mean.....	-	-	-	5,007	4,231	4,061	-	-	-	-
L.S.D. (.10).....	-	-	-	670	523	491	-	-	-	-
C.V. (%).....	-	-	-	10	9	9	-	-	-	-
<b>Triticale</b>										
Thomas.....	59	38	28	4,437	4,094	3,760	0	53	4-12	47.5
Sunland.....	58	34	28	-	-	-	0	44	3-15	52.8
Morrison.....	51	34	25	-	-	-	0	59	4-14	47.8
Trical 8910.....	57	35	-	-	-	-	0	43	3-3	50.0
Stan I.....	-	-	-	4,664	4,314	4,007	-	-	-	-
Beagle 82.....	-	-	-	4,036	2,823	2,874	-	-	-	-
Florida 201.....	-	-	-	3,830	2,616	-	-	-	-	-
Test Mean.....	56	35	27	4,242	3,462	3,547	0	50	-	-
L.S.D. (.10).....	15	7	6	562	539	495	-	-	-	-
C.V. (%).....	18	16	18	9	11	10	-	-	-	-

Table 7. Performance of Small Grains at Marion Junction, Alabama, 1992

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt. 3-yr. av.*		3-yr. av.*	1992	3-yr. av.
	Bu.	Lb./Bu.		Lb.	Lb.
<u>Wheat</u>					
Saluda.....	65	56.4	41	2,776	3,299
Pioneer 2548.....	62	55.6	45	2,935	3,016
GA 100.....	61	56.3	-	2,540	-
Williams.....	60	55.4	38	3,009	3,222
Wakefield.....	59	54.4	-	2,687	-
GA Gore.....	58	56.2	-	2,978	-
Caldwell.....	57	55.8	34	3,141	3,126
FFR 525W.....	56	56.2	43	-	-
Terral 101.....	56	53.4	39	-	-
ST 350W.....	55	53.4	-	-	-
Florida 302.....	54	56.0	37	2,452	3,077
Florida 304.....	52	55.1	-	-	-
Bayles.....	51	54.0	-	2,855	-
Northrup King					
Coker 9134.....	51	54.4	-	-	-
DS 2368.....	47	55.4	-	-	-
Northrup King					
Coker 983.....	45	56.6	32	-	-
Florida 301H.....	43	55.2	-	3,772	-
Northrup King					
Coker 9766.....	39	52.0	36	2,509	2,694
Florida 303.....	36	56.4	20	3,947	3,605
Florida 301.....	30	52.8	-	-	-
GA Andy.....	24	52.2	-	4,050	-
Stacy.....	-	-	-	2,959	3,336
Massey.....	-	-	-	2,914	3,174
Madison.....	-	-	-	2,629	-
Compton.....	-	-	-	2,518	2,458
Test Mean.....	51	54.9	36	2,981	3,101
L.S.D. (.10).....	12	-	7	585	548
C.V. (%).....	18	-	15	14	13
<u>Oats</u>					
Simpson.....	127	36.8	80	1,858	1,906
Citation.....	118	36.4	79	2,305	2,419
GA Mitchell.....	106	36.5	-	1,681	-
Northrup King					
Coker 227.....	98	34.6	71	1,996	2,643
833.....	97	35.2	72	1,884	2,213
FFR SS 7630.....	95	36.6	70	2,375	2,316
Florida 502.....	82	34.8	56	1,960	-
Florida 501.....	78	34.2	57	1,807	-
Test Mean.....	100	35.6	69	1,983	2,299
L.S.D. (.10).....	13	-	9	398	605
C.V. (%).....	9	-	10	14	19

Table 7. Performance of Small Grains at Marion Junction, Alabama, 1992

continued

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.*	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Rye</u>					
Wren's Abruzzi AL.....	-	-	-	4,110	-
Florida 401.....	-	-	-	3,967	-
Maton.....	-	-	-	3,702	2,999
Florida 402.....	-	-	-	3,432	-
Gurley Grazer 2000.....	-	-	-	2,894	2,991
GA WAC5L.....	-	-	-	2,669	-
Bonel.....	-	-	-	2,634	-
Gurley Grazer 2000X.....	-	-	-	2,498	-
AFC 20-10.....	-	-	-	2,495	2,725
GI 85.....	-	-	-	2,439	2,887
Volunteer Magic.....	-	-	-	2,422	-
Test Mean.....	-	-	-	3,024	2,900
L.S.D. (.10).....	-	-	-	1,032	702
C.V. (%).....	-	-	-	24	18
<u>Triticale</u>					
Thomas.....	37	46.8	23	2,976	-
Morrison.....	31	46.6	23	-	-
Sunland.....	30	51.6	15	-	-
Trical 8910.....	15	42.0	-	-	-
Florida 201.....	-	-	-	4,025	-
Beagle 82.....	-	-	-	3,373	-
Stan I.....	-	-	-	3,176	-
Test Mean.....	28	46.8	21	3,387	-
L.S.D. (.10).....	6	-	4	946	-
C.V. (%).....	14	-	15	18	-

\* Data of 3-year averages are from 1989, 1991 & 1992.



Table 8. Performance of Small Grains at Prattville, Alabama, 1992

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<b>Wheat</b>					
Northrup King					
Coker 983.....	89	58.2	53	-	-
Northrup King					
Coker 9134.....	87	55.9	-	-	-
Wakefield.....	86	54.4	54	4,662	-
Bayles.....	81	54.7	50	3,711	-
Florida 303.....	79	55.8	45	3,591	2,826
Florida 302.....	79	54.8	43	3,850	3,664
Florida 304.....	76	55.4	-	-	-
FFR 525W.....	75	56.0	51	-	-
DS 2368.....	73	56.3	-	-	-
Pioneer 2548.....	73	54.9	49	4,013	3,772
GA Gore.....	72	55.8	51	4,207	-
ST 350W.....	71	54.3	-	-	-
Williams.....	71	54.6	45	3,979	3,645
Northrup King					
Coker 9766.....	71	54.4	46	3,606	3,481
GA Andy.....	70	54.8	40	3,379	-
Terral 101.....	68	53.9	45	-	-
Saluda.....	68	56.7	37	4,362	3,965
GA 100.....	67	55.1	45	4,217	-
Caldwell.....	64	54.6	35	4,482	3,983
Florida 301.....	63	55.9	-	-	-
Florida 301H.....	57	55.4	-	4,143	-
Compton.....	-	-	-	4,353	3,835
Massey.....	-	-	-	4,020	3,619
Stacy.....	-	-	-	3,824	3,627
Madison.....	-	-	-	3,697	-
Test Mean.....	73	-	46	4,006	3,642
L.S.D. (.10).....	7	-	6	674	462
C.V. (%).....	7	-	9	12	9
<b>Oats</b>					
GA Mitchell.....	145	37.9	-	4,115	-
Citation.....	130	34.2	79	4,482	4,352
FFR SS 7630.....	119	35.7	72	4,485	4,379
Florida 502.....	119	36.8	-	4,102	-
Florida 501.....	110	34.7	-	4,494	-
833.....	110	35.1	68	3,906	4,048
Simpson.....	109	33.7	70	4,178	4,212
Northrup King					
Coker 227.....	106	34.0	66	4,219	4,212
Test Mean.....	119	-	71	4,247	4,241
L.S.D. (.10).....	19	-	15	393	464
C.V. (%).....	11	-	15	6	8

Table 8. Performance of Small Grains at Prattville, Alabama, 1992  
continued

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.	1992	3-yr. av.
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Rye</u>					
GA WAC5L.....	-	-	-	5,251	-
GI 85.....	-	-	-	5,194	4,469
AFC 20-10.....	-	-	-	5,138	4,445
Florida 402.....	-	-	-	5,019	4,332
Gurley Grazer 2000X.....	-	-	-	4,960	4,363
Florida 401.....	-	-	-	4,929	-
Bonel.....	-	-	-	4,876	4,580
Gurley Grazer 2000.....	-	-	-	4,852	4,442
Maton.....	-	-	-	4,793	4,486
Wren's Abruzzi AL.....	-	-	-	4,680	4,235
Volunteer Magic.....	-	-	-	4,632	4,497
Test Mean.....	-	-	-	4,939	4,428
L.S.D. (.10).....	-	-	-	468	405
C.V. (%).....	-	-	-	7	7
<u>Triticale</u>					
Sunland.....	83	53.1	35	-	-
Trical 8910.....	81	53.0	-	-	-
Thomas.....	79	49.0	38	4,271	-
Morrison.....	60	48.6	30	-	-
Stan I.....	-	-	-	4,287	-
Beagle 82.....	-	-	-	3,781	-
Florida 201.....	-	-	-	3,260	-
Test Mean.....	76	-	34	3,900	-
L.S.D. (.10).....	15	-	6	402	-
C.V. (%).....	13	-	12	6	-

Table 9. Performance of Small Grains at Tallassee, Alabama, 1992

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt. 3-yr. av.*		1992	3-yr. av.	
	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Wheat</u>					
FFR 525W.....	96	61.9	49	-	-
Northrup King					
Coker 9134.....	84	60.2	-	-	-
Wakefield.....	83	59.1	-	5,826	-
Florida 302.....	83	60.2	46	5,659	4,299
Florida 304.....	82	60.3	-	-	-
Bayles.....	77	58.2	-	5,531	-
Northrup King					
Coker 983.....	76	61.2	45	-	-
Northrup King					
Coker 9766.....	76	57.4	52	5,727	4,292
Terral 101.....	75	57.3	48	-	-
Saluda.....	73	59.4	36	6,363	4,821
DS 2368.....	73	60.1	-	-	-
Caldwell.....	72	58.2	39	5,611	4,660
ST 350W.....	70	57.5	-	-	-
GA Gore.....	68	60.1	-	5,810	-
GA 100.....	66	58.3	-	5,159	-
Williams.....	64	56.2	40	6,607	4,875
Pioneer 2548.....	64	59.5	45	6,191	4,710
Florida 303.....	48	60.6	35	4,516	3,295
GA Andy.....	41	59.1	-	4,354	-
Florida 301H.....	40	59.2	-	5,265	-
Florida 301.....	31	59.1	-	-	-
Madison.....	-	-	-	6,230	-
Stacy.....	-	-	-	5,883	4,527
Massey.....	-	-	-	5,069	4,164
Compton.....	-	-	-	4,900	3,885
Test Mean.....	69	59.2	43	5,571	4,353
L.S.D. (.10).....	19	-	11	534	416
C.V. (%).....	20	-	19	7	7
<u>Oats</u>					
Simpson.....	111	35.5	56	6,343	4,407
Citation.....	52	36.0	54	6,420	4,309
833.....	46	34.6	48	6,806	4,505
GA Mitchell.....	45	32.3	-	6,449	-
Florida 501.....	29	25.7	-	6,872	-
Northrup King					
Coker 227.....	27	31.1	37	5,870	4,166
Florida 502.....	21	28.2	-	5,821	-
FFR SS 7630.....	13	29.9	33	6,333	4,599
Test Mean.....	43	31.7	46	6,364	4,397
L.S.D. (.10).....	20	-	14	787	557
C.V. (%).....	32	-	23	9	9

Table 9. Performance of Small Grains at Tallassee, Alabama, 1992

continued

Brand-variety	Grain only yield/acre			Forage only yield/acre	
	1992 test wt.		3-yr. av.*	1992	3-yr. av.
	Bu.	Lb/Bu.	Bu.	Lb.	Lb.
<u>Rye</u>					
Maton.....	-	-	-	8,022	5,647
Gurley Grazer 2000.....	-	-	-	7,484	5,452
GA WAC5L.....	-	-	-	7,428	-
Volunteer Magic.....	-	-	-	7,368	5,408
GI 85.....	-	-	-	7,276	5,172
AFC 20-10.....	-	-	-	7,220	5,269
Gurley Grazer 2000X.....	-	-	-	7,141	5,407
Bonel.....	-	-	-	7,059	5,387
Wren's Abruzzi AL.....	-	-	-	6,419	4,655
Florida 402.....	-	-	-	6,189	4,595
Florida 401.....	-	-	-	6,054	-
Test Mean.....	-	-	-	7,060	5,221
L.S.D. (.10).....	-	-	-	386	366
C.V. (%).....	-	-	-	4	5
<u>Triticale</u>					
Trical 8910.....	74	55.1	-	-	-
Sunland.....	62	53.6	38	-	-
Thomas.....	62	46.7	32	6,063	4,492
Morrison.....	61	48.1	32	-	-
Stan I.....	-	-	-	6,528	4,897
Beagle 82.....	-	-	-	4,953	3,348
Florida 201.....	-	-	-	4,206	-
Test Mean.....	65	50.9	34	5,438	4,246
L.S.D. (.10).....	23	-	9	366	445
C.V. (%).....	23	-	20	4	8

\* Data of 3-year averages are from 1989, 1990 & 1992.

Table 10. 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			1992 Average			
	1992	2-yr.	3-yr.	1992	2-yr.	3-yr.	Lodging	Height	1/10	Test wt.
	Bu.	Bu.	Bu.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./Bu.
									Headed	
<b>Wheat</b>										
Northrup King										
Coker 9766.....	53	44	40	3,849	3,664	3,638	0	37	4-5	56.2
Northrup King										
Coker 983.....	57	47	39	-	-	-	0	34	4-3	59.6
GA Gore.....	52	42	38	4,312	3,893	-	0	38	4-2	59.0
Wakefield.....	49	40	33	-	-	-	0	38	4-9	56.2
Massey.....	43	34	32	4,194	3,927	3,905	0	38	4-2	57.8
FFR 525W.....	41	36	31	-	-	-	0	38	4-10	57.9
Terral 101.....	48	39	31	-	-	-	0	37	4-10	54.3
Florida 302.....	49	36	31	3,995	3,730	3,671	0	39	4-5	56.4
Pioneer 2548.....	49	37	29	4,200	3,561	3,585	0	33	4-9	57.1
Williams.....	40	31	26	4,458	4,001	4,118	0	37	4-10	53.2
Saluda.....	37	25	20	4,632	3,903	3,935	0	33	4-11	55.0
Northrup King										
Coker 9134.....	56	-	-	-	-	-	0	37	4-10	57.5
Bayles.....	52	-	-	3,956	3,813	-	0	37	4-3	56.7
DS 2368.....	52	-	-	-	-	-	0	36	3-27	58.8
GA 100.....	46	-	-	3,983	3,653	-	0	33	4-3	57.1
Florida 303.....	45	-	-	3,386	2,972	2,844	0	36	3-18	58.2
Florida 301H.....	34	-	-	3,442	2,942	-	0	40	3-24	57.4
Stacy.....	-	-	-	4,606	4,100	3,989	-	-	-	-
Florida 301.....	-	-	-	3,514	3,063	3,065	0	37	3-30	-
GA Andy.....	-	-	-	3,562	3,066	-	0	34	3-23	-
Madison.....	-	-	-	3,558	3,267	-	-	-	-	-
Test Mean.....	47	37	32	3,976	3,570	3,639	0	36	-	-
L.S.D. (.10).....	8	7	7	562	499	533	-	-	-	-
C.V. (%).....	12	14	16	10	10	11	-	-	-	-
<b>Oats</b>										
Citation.....	107	77	76	5,081	4,486	4,738	7	43	4-8	35.0
833.....	92	69	72	4,800	4,086	4,460	0	41	4-12	34.8
Simpson.....	95	72	70	4,956	4,250	4,531	0	42	4-16	34.0
FFR SS 7630.....	88	67	68	5,287	4,510	4,691	0	47	4-5	34.1
Northrup King										
Coker 227.....	86	58	65	4,801	4,248	4,527	8	42	4-9	33.3
GA Mitchell.....	109	-	-	4,976	-	-	0	37	4-9	36.9
87-11.....	102	-	-	4,779	-	-	1	33	4-10	31.5
Florida 502.....	77	-	-	4,574	3,759	3,791	0	40	3-30	33.7
Florida 501.....	-	-	-	4,659	3,958	3,666	-	-	-	-
Test Mean.....	95	69	70	4,879	4,185	4,343	2	41	-	-
L.S.D. (.10).....	14	13	16	527	476	604	-	-	-	-
C.V. (%).....	11	14	16	8	8	10	-	-	-	-

continued

Table 10. Characteristics of Small Grains Tested in Planting  
in Southern Alabama, 3-year Summary

continued

Brand-variety	Average yield/acre			Average yield/acre			1992 Average			Test wt.	
	Grain only			Forage only			Lodging	Height 1/10		Test wt.	
	1992	2-yr.	3-yr.	1992	2-yr.	3-yr.		Pct.	In.	Date	Lb.
	Bu.	Bu.	Bu.	Lb.	Lb.	Lb.	Headed				
<b>Rye</b>											
Volunteer Magic.....	-	-	-	5,143	4,828	5,178	-	-	-	-	-
GI 87.....	-	-	-	5,645	5,010	5,117	-	-	-	-	-
Dossco Grazer II.....	-	-	-	5,067	4,765	5,099	-	-	-	-	-
Maton.....	-	-	-	5,703	4,997	5,064	-	-	-	-	-
AFC 20-30.....	-	-	-	4,917	4,709	5,031	-	-	-	-	-
AFC 20-10.....	-	-	-	5,132	4,748	4,988	-	-	-	-	-
Wintergrazer 70.....	-	-	-	5,072	4,838	4,957	-	-	-	-	-
Bonel.....	-	-	-	5,098	4,647	4,869	-	-	-	-	-
AFC 20-20.....	-	-	-	5,323	4,815	4,843	-	-	-	-	-
Wren's Abruzzi AL.....	-	-	-	4,970	4,604	4,762	-	-	-	-	-
Florida 402.....	-	-	-	4,794	4,438	4,729	-	-	-	-	-
Florida 401.....	-	-	-	4,652	4,130	4,120	-	-	-	-	-
Sawan Grazer.....	-	-	-	5,037	-	-	-	-	-	-	-
GA WAC5L.....	-	-	-	4,990	-	-	-	-	-	-	-
Test Mean.....	-	-	-	5,110	4,711	4,897	-	-	-	-	-
L.S.D. (.10).....	-	-	-	666	624	670	-	-	-	-	-
C.V. (%).....	-	-	-	10	10	10	-	-	-	-	-
<b>Triticale</b>											
Thomas.....	46	33	26	4,506	4,200	4,490	0	48	4-11	48.9	-
Morrison.....	35	27	26	-	-	-	0	55	4-10	48.5	-
Florida 201.....	54	-	-	3,696	3,233	2,856	0	45	3-6	51.2	-
Trical 8910.....	51	-	-	-	-	-	0	40	3-4	53.5	-
Stan I.....	-	-	-	3,910	3,747	3,989	-	-	-	-	-
Beagle 82.....	-	-	-	3,939	3,233	3,280	-	-	-	-	-
Test Mean.....	46	30	26	4,013	3,603	3,654	0	47	-	-	-
L.S.D. (.10).....	8	7	8	788	675	625	-	-	-	-	-
C.V. (%).....	12	16	22	14	14	13	-	-	-	-	-

Table 11. Characteristics of Small Grains Tested in Late Planting in Southern Alabama, 2-year Summary

Brand-variety	Average yield/acre		1992 Average			
	Grain only		Lodging	Height	1/10	Test wt.
	Late 1992	Planting 2-yr.				
<b>Wheat</b>						
Northrup King						
Coker 9835.....	58	44	0	32	4-9	57.0
Northrup King						
Coker 983.....	55	39	0	32	4-9	58.8
Bayles.....	50	38	1	35	4-5	57.1
Northrup King						
Coker 9766.....	45	37	0	35	4-13	54.7
GA Andy.....	48	37	0	37	3-31	58.4
Florida 303.....	49	37	0	35	4-3	58.5
GA 100.....	45	33	0	32	4-9	56.7
Florida 301.....	41	33	0	42	4-3	58.1
GA Gore.....	43	32	1	36	4-7	57.8
Florida 301H.....	37	29	1	40	4-5	57.6
Florida 302.....	39	26	0	36	4-13	53.8
Florida 304.....	47	-	0	38	4-9	58.4
Pioneer 2548.....	45	-	0	31	4-14	56.2
Saluda.....	31	-	0	30	4-15	55.9
Test Mean.....	45	35	0	35	4-8	57.1
L.S.D. (.10).....	12	8	-	-	-	-
C.V. (%).....	19	17	-	-	-	-
<b>Oats</b>						
Citation.....	103	88	2	41	4-12	35.5
GA Mitchell.....	99	82	0	35	4-13	35.7
833.....	83	75	0	38	4-15	34.3
Florida 502.....	93	74	1	37	4-6	35.6
Florida 501.....	85	70	14	41	4-9	34.5
FFR SS 7630.....	94	-	1	44	4-12	34.9
Test Mean.....	93	78	3	39	4-11	35.1
L.S.D. (.10).....	13	13	-	-	-	-
C.V. (%).....	11	12	-	-	-	-
<b>Triticale</b>						
Trical 8910.....	58	45	0	44	3-14	54.7
Florida 201.....	55	40	0	45	3-18	52.3
Sunland.....	50	40	0	42	3-23	53.9
Thomas.....	45	-	0	49	4-14	51.0
Test Mean.....	52	42	0	45	3-25	52.9
L.S.D. (.10).....	18	9	-	-	-	-
C.V. (%).....	24	17	-	-	-	-

Table 12. Performance of Small Grains at Camden, Alabama, 1992

Brand-variety	Grain only yield/acre						Grain after grazing yield/acre		Forage only yield/acre	
	Regular Planting			Late planting			1992	3-yr. av.	1992	3-yr. av.
	1992	Test wt.	3-yr. av.	1992	Test wt.	2-yr. av.				
	Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Bu.	Lb.	Lb.	
<b>Wheat</b>										
Bayles.....	66	54.0	-	52	53.5	42	43	-	3,288	-
Northrup King Coker 9143..	64	55.7	-	-	-	-	-	-	-	-
Northrup King Coker 983..	62	57.8	39	54	56.6	43	46	25	-	-
Pioneer 2548.....	61	54.9	33	54	53.8	-	52	29	3,222	3,039
Northrup King Coker 9766..	60	54.5	44	47	53.4	36	49	28	2,642	2,712
Florida 302.....	60	55.9	37	44	52.2	31	44	25	3,437	3,260
Wakefield.....	58	55.1	33	-	-	-	53	-	-	-
FFR 525W.....	56	56.4	34	-	-	-	41	-	-	-
Williams.....	56	53.8	28	-	-	-	39	22	3,733	3,301
DS 2368.....	55	56.4	-	-	-	-	38	-	-	-
Terral 101.....	55	52.4	32	-	-	-	45	25	-	-
Saluda.....	55	53.8	23	32	53.7	-	41	-	3,672	3,194
GA Gore.....	54	55.2	32	56	54.9	41	43	-	3,348	-
Florida 303.....	54	55.6	-	61	55.5	46	-	-	3,325	2,719
Massey.....	53	57.2	34	-	-	-	38	22	3,793	3,270
GA 100.....	53	55.2	-	51	53.7	37	35	-	3,503	-
Florida 301H.....	45	54.7	-	47	55.3	37	31	-	3,168	-
GA Andy.....	-	-	-	52	55.6	40	39	-	3,449	-
Florida 301.....	-	-	-	50	55.5	42	34	-	3,386	2,765
Stacy.....	-	-	-	-	-	-	-	-	3,221	2,921
Madison.....	-	-	-	-	-	-	-	-	2,822	-
Northrup King Coker 9835..	-	-	-	54	54.0	43	-	-	-	-
Florida 304.....	-	-	-	54	55.4	-	-	-	-	-
Test Mean.....	57	-	34	51	-	40	42	25	3,334	3,020
L.S.D. (.10).....	5	-	5	7	-	6	5	4	433	481
C.V. (%).....	7	-	10	10	-	10	8	12	9	12
<b>Oats</b>										
Simpson.....	126	34.8	100	-	-	-	-	-	4,087	3,795
Citation.....	113	36.2	92	99	34.9	95	-	-	4,063	3,792
833.....	109	34.2	93	89	32.9	84	-	-	3,945	3,519
GA Mitchell.....	105	36.4	-	94	35.2	89	-	-	4,205	-
87-11.....	104	31.2	-	-	-	-	-	-	3,795	-
Northrup King Coker 227..	91	32.5	78	-	-	-	-	-	3,719	3,556
FFR SS 7630.....	78	31.9	78	85	32.4	-	-	-	4,503	3,788
Florida 502.....	60	29.6	-	75	33.8	70	-	-	3,712	3,088
Florida 501.....	-	-	-	83	33.4	74	-	-	4,016	3,333
Test Mean.....	98	-	88	88	-	82	-	-	4,005	3,553
L.S.D. (.10).....	9	-	13	11	-	12	-	-	526	494
C.V. (%).....	7	-	11	8	-	10	-	-	9	10

continued



Table 12. Performance of Small Grains at Camden, Alabama, 1992

continued

Brand-variety	Grain only yield/acre						Grain after grazing yield/acre		Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.	1992	3-yr. av.
	1992 test wt.	3-yr. av.		1992 test wt.	2-yr. av.					
	Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Bu.	Lb.	Lb.	
<b>Rye</b>										
Maton.....	-	-	-	-	-	-	-	-	4,795	4,007
GA WAC5L.....	-	-	-	-	-	-	-	-	4,650	-
Wintergrazer 70.....	-	-	-	-	-	-	-	-	4,592	4,158
GI 87.....	-	-	-	-	-	-	-	-	4,490	4,054
Wren's Abruzzi AL.....	-	-	-	-	-	-	-	-	4,416	-
Volunteer Magic.....	-	-	-	-	-	-	-	-	4,317	-
Sawan Grazer.....	-	-	-	-	-	-	-	-	4,119	-
Florida 402.....	-	-	-	-	-	-	-	-	4,091	-
AFC 20-30.....	-	-	-	-	-	-	-	-	4,087	-
Bonel.....	-	-	-	-	-	-	-	-	4,085	3,998
AFC 20-20.....	-	-	-	-	-	-	-	-	4,034	-
AFC 20-10.....	-	-	-	-	-	-	-	-	4,005	-
Florida 401.....	-	-	-	-	-	-	-	-	3,981	-
Dossco Grazer II.....	-	-	-	-	-	-	-	-	3,922	-
Test Mean.....	-	-	-	-	-	-	-	-	4,256	4,054
L.S.D. (.10).....	-	-	-	-	-	-	-	-	600	487
C.V. (%).....	-	-	-	-	-	-	-	-	10	9
<b>Triticale</b>										
Thomas.....	61	48.5	32	47	45.4	-	43	24	3,507	-
Florida 201.....	59	49.6	-	65	52.0	51	50	26	2,799	-
Trical 8910.....	53	50.6	-	61	54.4	49	40	-	-	-
Morrison.....	48	48.4	29	-	-	-	39	23	-	-
Sunland.....	-	-	-	59	54.3	48	30	18	-	-
Stan I.....	-	-	-	-	-	-	-	-	3,007	-
Beagle 82.....	-	-	-	-	-	-	-	-	2,973	-
Test Mean.....	55	-	31	58	-	49	40	23	3,072	-
L.S.D. (.10).....	9	-	8	10	-	6	8	5	214	-
C.V. (%).....	10	-	19	11	-	9	12	17	4	-

Table 13. Performance of Small Grains at Monroeville, Alabama, 1992

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.
	1992 test wt.	3-yr. av.		1992 test wt.	2-yr. av.			
Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.	Lb.	
<b>Wheat</b>								
Northrup King								
Coker 983.....	77	60.2	51	76	62.7	53	-	-
Northrup King								
Coker 9134.....	76	58.1	-	-	-	-	-	-
DS 2368.....	74	62.2	-	-	-	-	-	-
Terral 101.....	74	55.7	45	-	-	-	-	-
GA Gore.....	72	61.6	60	42	62.1	34	3,114	-
Florida 303.....	71	62.6	-	71	63.4	53	2,551	2,551
Bayles.....	69	60.3	-	64	60.4	45	3,090	-
Northrup King								
Coker 9766.....	67	57.2	54	66	59.5	46	3,118	3,700
Wakefield.....	63	56.1	44	-	-	-	-	-
GA 100.....	55	57.8	-	64	59.9	45	3,161	-
Florida 302.....	53	57.8	40	55	59.3	34	3,259	3,577
Pioneer 2548.....	52	57.3	39	70	61.0	-	3,613	3,860
FFR 525W.....	51	57.6	43	-	-	-	-	-
Massey.....	44	59.4	46	-	-	-	3,354	4,182
Florida 301H.....	38	60.5	-	47	61.5	37	3,021	-
Saluda.....	36	53.9	28	44	56.9	-	3,398	3,860
Williams.....	35	50.5	34	-	-	-	3,245	4,097
Stacy.....	-	-	-	-	-	-	3,571	3,928
Florida 301.....	-	-	-	41	61.6	34	3,127	3,227
Madison.....	-	-	-	-	-	-	3,018	-
GA Andy.....	-	-	-	46	61.9	38	2,614	-
Northrup King								
Coker 9835.....	-	-	-	84	61.6	62	-	-
Florida 304.....	-	-	-	70	62.7	-	-	-
Test Mean.....	59	-	44	60	-	44	3,150	3,665
L.S.D. (.10).....	11	-	8	17	-	10	252	455
C.V. (%).....	13	-	14	20	-	17	6	9
<b>Oats</b>								
GA Mitchell.....	151	36.6	-	139	37.7	98	3,876	-
FFR SS 7630.....	134	36.7	-	126	36.6	-	4,037	4,144
Florida 502.....	129	36.6	-	120	37.1	87	3,532	3,030
87-11.....	126	31.2	-	-	-	-	3,606	-
Citation.....	120	33.6	-	131	35.0	95	4,141	4,003
833.....	112	36.0	-	111	35.1	84	4,033	4,137
Northrup King								
Coker 227.....	110	33.9	-	-	-	-	3,943	4,216
Simpson.....	106	33.3	-	-	-	-	3,670	4,066
Florida 501.....	-	-	-	87	34.2	72	3,729	2,695
Test Mean.....	123	-	-	119	-	87	3,841	3,756
L.S.D. (.10).....	11	-	-	16	-	14	447	538
C.V. (%).....	6	-	-	9	-	11	8	10

continued

Table 13. Performance of Small Grains at Monroeville, Alabama, 1992

continued

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.
	1992 test wt. 3-yr. av.		1992	test wt. 2-yr. av.		Bu.		
	Bu.	Lb./Bu.		Bu.	Bu.		Lb./Bu.	Lb.
<b>Rye</b>								
Bonel.....	-	-	-	-	-	-	4,482	4,447
GI 87.....	-	-	-	-	-	-	4,356	4,407
Sawan Grazer.....	-	-	-	-	-	-	4,286	-
Dosco Grazer II.....	-	-	-	-	-	-	4,278	4,448
GA WACSL.....	-	-	-	-	-	-	4,168	-
AFC 20-10.....	-	-	-	-	-	-	4,157	4,396
Maton.....	-	-	-	-	-	-	4,095	4,400
AFC 20-20.....	-	-	-	-	-	-	4,012	4,331
Wintergrazer 70.....	-	-	-	-	-	-	3,947	4,349
Wren's Abruzzi AL.....	-	-	-	-	-	-	3,868	4,243
AFC 20-30.....	-	-	-	-	-	-	3,840	4,389
Florida 402.....	-	-	-	-	-	-	3,813	4,308
Volunteer Magic.....	-	-	-	-	-	-	3,813	4,195
Florida 401.....	-	-	-	-	-	-	3,606	3,430
Test Mean.....	-	-	-	-	-	-	4,051	4,279
L.S.D. (.10).....	-	-	-	-	-	-	503	505
C.V. (%).....	-	-	-	-	-	-	9	9
<b>Triticale</b>								
Florida 201.....	68	54.1	-	76	54.3	50	2,473	-
Trical 8910.....	67	57.6	-	73	57.7	52	-	-
Thomas.....	46	48.2	-	44	50.1	-	4,013	-
Morrison.....	32	48.1	-	-	-	-	-	-
Stan I.....	-	-	-	-	-	-	3,148	-
Beagle 82.....	-	-	-	-	-	-	2,980	-
Sunland.....	-	-	-	52	57.8	44	-	-
Test Mean.....	53	-	-	61	-	49	3,154	-
L.S.D. (.10).....	16	-	-	27	-	12	323	-
C.V. (%).....	18	-	-	28	-	18	6	-

Table 14. Performance of Small Grains at Brewton, Alabama, 1992

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-YR. av.
	1992 test wt.	3-yr. av.		1992 test wt.	2-yr. av.			
Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.	Lb.	
<b>Wheat</b>								
Northrup King								
Coker 983.....	36	59.5	33	33	54.7	31	-	-
DS 2368.....	36	57.7	-	-	-	-	-	-
Northrup King								
Coker 9134.....	34	56.3	-	-	-	-	-	-
Florida 302.....	34	55.6	24	25	46.5	21	2,926	3,062
Pioneer 2548.....	33	58.6	25	30	51.4	-	2,881	2,830
Wakefield.....	33	55.3	29	-	-	-	-	-
Bayles.....	32	55.8	-	33	56.1	31	2,442	-
Northrup King								
Coker 9766.....	32	55.4	32	25	48.8	34	2,743	2,861
GA Gore.....	31	58.2	30	33	54.2	26	2,873	-
Saluda.....	28	53.5	17	26	54.8	-	3,194	3,201
GA 100.....	28	57.3	-	28	54.7	24	2,875	-
FFR 525W.....	27	56.5	30	-	-	-	-	-
Massey.....	27	56.1	22	-	-	-	2,494	2,857
Terral 101.....	26	52.9	26	-	-	-	-	-
Williams.....	25	51.4	19	-	-	-	2,670	3,135
Florida 303.....	19	57.5	-	23	56.4	25	2,720	2,546
Florida 301H.....	12	56.0	-	24	55.3	22	2,397	-
Stacy.....	-	-	-	-	-	-	2,783	3,156
Madison.....	-	-	-	-	-	-	2,578	-
GA Andy.....	-	-	-	32	56.2	31	2,539	-
Florida 301.....	-	-	-	27	56.1	27	2,529	2,738
Northrup King								
Coker 9835.....	-	-	-	32	54.1	32	-	-
Florida 304.....	-	-	-	23	56.9	-	-	-
Test Mean.....	29	-	26	28	-	27	2,710	2,932
L.S.D. (.10).....	7	-	6	11	-	7	492	362
C.V. (%).....	17	-	17	29	-	20	13	9
<b>Oats</b>								
GA Mitchell.....	90	36.0	-	65	34.2	65	3,162	-
Citation.....	89	35.1	-	71	34.6	69	3,613	3,948
87-11.....	88	32.1	-	-	-	-	3,547	-
Simpson.....	62	30.7	-	-	-	-	3,260	3,424
833.....	61	33.0	-	44	32.6	55	3,456	3,755
FFR SS 7630.....	56	32.1	-	56	33.0	-	3,243	3,595
Northrup King								
Coker 227.....	56	30.1	-	-	-	-	3,022	3,492
Florida 502.....	29	32.1	-	61	35.8	58	3,121	2,706
Florida 501.....	-	-	-	69	32.0	65	3,266	2,521
Test Mean.....	66	-	-	61	-	62	3,299	3,349
L.S.D. (.10).....	13	-	-	17	-	12	398	568
C.V. (%).....	13	-	-	18	-	14	8	12

continued

Table 14. Performance of Small Grains at Brewton, Alabama, 1992

continued

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.
	1992 test wt.	3-yr. av.		1992	test wt.	2-yr. av.		
	Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<u>Rye</u>								
AFC 20-20.....	-	-	-	-	-	-	4,407	3,934
Maton.....	-	-	-	-	-	-	4,250	3,999
Wintergrazer 70...	-	-	-	-	-	-	4,238	4,148
GI 87.....	-	-	-	-	-	-	4,029	4,045
AFC 20-10.....	-	-	-	-	-	-	3,954	3,982
Wren's Abruzzi AL.	-	-	-	-	-	-	3,932	3,849
Volunteer Magic...	-	-	-	-	-	-	3,882	4,034
GA WAC5L.....	-	-	-	-	-	-	3,847	-
Bonel.....	-	-	-	-	-	-	3,747	3,735
AFC 20-30.....	-	-	-	-	-	-	3,740	4,048
Florida 401.....	-	-	-	-	-	-	3,623	3,106
Dossco Grazer II..	-	-	-	-	-	-	3,590	3,881
Sawan Grazer.....	-	-	-	-	-	-	3,588	-
Florida 402.....	-	-	-	-	-	-	3,569	3,931
Test Mean.....	-	-	-	-	-	-	3,885	3,891
L.S.D. (.10).....	-	-	-	-	-	-	570	503
C.V. (%).....	-	-	-	-	-	-	11	10
<u>Triticale</u>								
Thomas.....	36	48.1	-	32	56.9	-	3,079	-
Florida 201.....	33	49.3	-	28	51.1	22	2,426	-
Trical 8910.....	30	52.1	-	36	53.3	32	-	-
Morrison.....	29	45.6	-	-	-	-	-	-
Beagle 82.....	-	-	-	-	-	-	2,559	-
Stan I.....	-	-	-	-	-	-	2,449	-
Sunland.....	-	-	-	22	48.9	22	-	-
Test Mean.....	32	-	-	30	-	25	2,628	-
L.S.D. (.10).....	6	-	-	8	-	4	470	-
C.V. (%).....	12	-	-	16	-	12	11	-

Table 15. Performance of Small Grains at Headland, Alabama, 1992

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.
	1992 test wt.	3-yr. av.		1992 test wt.	2-yr. av.			
Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.	Lb.	
<b>Wheat</b>								
Northrup King								
Coker 983.....	54	60.8	32	56	61.1	30	-	-
Northrup King								
Coker 9766.....	53	57.7	31	41	56.9	33	6,034	4,992
GA Gore.....	52	61.0	33	43	60.0	28	6,138	-
Florida 302.....	49	56.2	22	34	57.2	17	5,097	4,367
Massey.....	49	58.6	29	-	-	-	5,323	4,707
Pioneer 2548.....	48	57.7	19	26	58.5	-	5,380	4,043
GA 100.....	48	58.2	-	37	58.6	25	5,585	-
Northrup King								
Coker 9134.....	48	59.9	-	-	-	-	-	-
Wakefield.....	44	58.3	24	-	-	-	-	-
Williams.....	43	56.9	24	-	-	-	6,401	5,344
DS 2368.....	42	58.7	-	-	-	-	-	-
Bayles.....	42	56.6	-	52	58.3	33	5,813	-
Florida 301H.....	39	58.4	-	31	58.2	19	4,692	-
Terral 101.....	38	56.2	21	-	-	-	-	-
Florida 303.....	37	57.1	-	40	58.7	25	4,187	3,309
Saluda.....	30	58.6	13	22	58.0	-	7,101	5,097
FFR 525W.....	30	61.2	19	-	-	-	-	-
Stace.....	-	-	-	-	-	-	7,402	5,468
GA Andy.....	-	-	-	63	60.0	40	5,023	-
Madison.....	-	-	-	-	-	-	4,729	-
Florida 301.....	-	-	-	44	59.0	27	4,263	3,281
Northrup King								
Coker 9835.....	-	-	-	61	58.4	40	-	-
Florida 304.....	-	-	-	42	58.6	-	-	-
Test Mean.....	44	-	24	42	-	29	5,545	4,512
L.S.D. (.10).....	9	-	8	10	-	8	797	726
C.V. (%).....	15	-	25	18	-	19	10	12
<b>Oats</b>								
Citation.....	108	34.9	50	112	37.6	91	7,474	6,573
87-11.....	92	31.4	-	-	-	-	6,636	-
GA Mitchell.....	90	38.4	-	97	-	76	7,781	-
Florida 502.....	89	36.6	-	113	-	79	6,903	5,736
833.....	88	35.8	47	87	36.7	79	6,504	5,667
Northrup King								
Coker 227.....	88	36.6	46	-	-	-	6,843	5,899
Simpson.....	85	37.1	41	-	-	-	7,932	6,351
FFR SS 7630.....	85	35.7	43	109	37.4	-	7,867	6,408
Florida 501.....	-	-	-	102	38.5	67	6,624	5,760
Test Mean.....	90	-	45	103	-	79	7,174	6,056
L.S.D. (.10).....	21	-	15	13	-	15	764	694
C.V. (%).....	16	-	24	9	-	13	7	8

continued

Table 15. Performance of Small Grains at Headland, Alabama, 1992

continued

Brand-variety	Grain only yield/acre						Forage only yield/acre	
	Regular planting			Late planting			1992	3-yr. av.
	1992	test wt.	3-yr. av.	1992	test wt.	2-yr. av.		
	Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.	Lb.
<b>Rye</b>								
Maton.....	-	-	-	-	-	-	8,863	7,252
GI 87.....	-	-	-	-	-	-	8,810	7,592
AFC 20-20.....	-	-	-	-	-	-	8,324	6,788
Volunteer Magic.....	-	-	-	-	-	-	8,221	7,503
Florida 401.....	-	-	-	-	-	-	7,973	6,657
Dossco Grazer II.....	-	-	-	-	-	-	7,591	7,075
Bonel.....	-	-	-	-	-	-	7,539	6,966
AFC 20-10.....	-	-	-	-	-	-	7,533	6,695
Sawan Grazer.....	-	-	-	-	-	-	7,533	-
AFC 20-30.....	-	-	-	-	-	-	7,503	6,766
Wren's Abruzzi AL.....	-	-	-	-	-	-	7,419	6,573
Wintergrazer 70.....	-	-	-	-	-	-	7,399	6,963
Florida 402.....	-	-	-	-	-	-	7,303	6,235
GA WAC5L.....	-	-	-	-	-	-	7,169	-
Test Mean.....	-	-	-	-	-	-	7,798	6,922
L.S.D. (.10).....	-	-	-	-	-	-	939	1,023
C.V. (%).....	-	-	-	-	-	-	9	11
<b>Triticale</b>								
Florida 201.....	58	51.6	-	53	51.6	39	6,401	-
Trical 8910.....	54	53.6	-	63	53.2	45	-	-
Thomas.....	39	50.7	18	55	51.4	-	6,080	-
Morrison.....	30	51.9	22	-	-	-	-	-
Beagle 82.....	-	-	-	-	-	-	6,873	-
Stan I.....	-	-	-	-	-	-	6,503	-
Sunland.....	-	-	-	65	54.6	46	-	-
Test Mean.....	45	-	20	59	-	43	6,464	-
L.S.D. (.10).....	4	-	8	27	-	13	1,611	-
C.V. (%).....	5	-	30	29	-	22	16	-

Table 16. Performance of Small Grains at Fairhope, Alabama, 1992

Brand-variety	Grain only yield/acre					Forage only yield/acre	
	Regular planting			Late planting		1992	3-yr. av.
	1992 test wt.		3-yr. av.*	1992 test wt.			
	Bu.	Lb./Bu.		Bu.	Bu.	Lb./Bu.	Bu.
<u>Wheat</u>							
Northrup King							
Coker 983.....	53	59.0	29	40	60.0	-	-
Pioneer 2548.....	51	59.9	31	44	59.1	5,903	-
Florida 303.....	50	58.4	37	38	59.0	4,145	-
DS 2368.....	49	59.6	-	-	-	-	-
Bayles.....	48	55.8	-	47	56.4	5,148	-
GA Gore.....	48	58.3	-	44	58.4	6,086	-
Northrup King							
Coker 9766.....	47	56.1	38	28	56.6	4,711	-
Wakefield.....	43	57.3	-	-	-	-	-
Florida 302.....	42	55.6	31	29	57.4	5,254	-
GA 100.....	40	56.6	-	25	56.6	4,789	-
FFR 525W.....	40	59.5	32	-	-	-	-
Northrup King							
Coker 9134.....	37	58.7	-	-	-	-	-
Massey.....	34	56.8	27	-	-	6,004	-
Williams.....	30	57.7	21	-	-	6,240	-
Terral 101.....	30	54.4	27	-	-	-	-
Florida 301H.....	23	59.0	23	28	57.9	3,935	-
Saluda.....	22	57.6	15	26	58.0	5,797	-
Stacy.....	-	-	-	-	-	6,052	-
Madison.....	-	-	-	-	-	4,644	-
Florida 301.....	-	-	-	40	59.6	4,264	-
GA Andy.....	-	-	-	55	59.4	4,185	-
Northrup King							
Coker 9835.....	-	-	-	51	58.0	-	-
Florida 304.....	-	-	-	49	59.8	-	-
Test Mean.....	40	-	28	39	-	5,144	-
L.S.D. (.10).....	6	-	7	8	-	733	-
C.V. (%).....	10	-	19	14	-	10	-
<u>Oats</u>							
GA Mitchell.....	73	30.1	-	57	30.6	5,856	-
87-11.....	62	25.3	-	-	-	6,312	-
Northrup King							
Coker 227.....	60	27.4	51	-	-	6,479	5,472
Citation.....	58	27.4	51	27	28.8	6,112	5,372
833.....	47	28.5	46	25	31.7	6,060	5,220
Florida 502.....	36	30.2	47	52	32.9	5,603	4,394
FFR SS 7630.....	34	26.1	22	17	28.2	6,786	5,522
Simpson.....	14	23.5	8	-	-	5,833	5,019
Florida 501.....	-	-	-	35	27.3	5,660	4,020
Test Mean.....	48	-	38	36	-	6,078	5,003
L.S.D. (.10).....	18	-	23	15	-	556	733
C.V. (%).....	26	-	45	28	-	6	11

continued



Table 16. Performance of Small Grains at Fairhope, Alabama, 1992

continued

Brand-variety	Grain only yield/acre					Forage only yield/acre	
	Regular planting			Late planting		1992	3-yr. av.
	1992 test wt.	3-yr. av.*		1992	TEST WT.		
	Bu.	Lb./Bu.	Bu.	Bu.	Lb./Bu.	Bu.	Lb.
<b>Rye</b>							
GI 87.....	-	-	-	-	-	6,539	5,489
Maton.....	-	-	-	-	-	6,513	5,663
AFC 20-10.....	-	-	-	-	-	6,012	5,335
Dossco Grazer II.....	-	-	-	-	-	5,955	5,374
AFC 20-20.....	-	-	-	-	-	5,839	5,306
Sawan Grazer.....	-	-	-	-	-	5,661	-
Bonel.....	-	-	-	-	-	5,636	5,199
Volunteer Magic.....	-	-	-	-	-	5,480	5,256
AFC 20-30.....	-	-	-	-	-	5,416	5,197
Wren's Abruzzi AL.....	-	-	-	-	-	5,214	4,647
Florida 402.....	-	-	-	-	-	5,191	4,677
Wintergrazer 70.....	-	-	-	-	-	5,184	5,167
GA WAC5L.....	-	-	-	-	-	5,115	-
Florida 401.....	-	-	-	-	-	4,080	3,511
Test Mean.....	-	-	-	-	-	5,560	5,068
L.S.D. (.10).....	-	-	-	-	-	730	601
C.V. (%).....	-	-	-	-	-	9	9
<b>Triticale</b>							
Trical 8910.....	54	55.7	-	44	55.6	-	-
Florida 201.....	42	52.9	34	39	53.4	4,383	3,085
Morrison.....	20	51.0	18	-	-	-	-
Thomas.....	11	51.4	10	16	51.4	5,852	4,938
Stan I.....	-	-	-	-	-	4,442	4,167
Beagle 82.....	-	-	-	-	-	4,312	3,404
Sunland.....	-	-	-	47	56.4	-	-
Test Mean.....	32	-	21	36	-	4,747	3,898
L.S.D. (.10).....	6	-	9	8	-	1,050	554
C.V. (%).....	12	-	30	13	-	14	10

\* Data of 3-year averages are from 1989, 1990 &amp; 1992.

Table 17. Septoria Blotch Ratings for Wheat Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Northern Alabama	Central Alabama	Southern Alabama
Bayles.....	5.3	6.0	5.2
Northrup King Coker 9134.....	-	3.0	2.2
Caldwell.....	4.7	3.7	-
Coker 9543.....	3.7	-	-
Coker 9766.....	3.7	3.0	2.2
Coker 983.....	3.3	4.3	3.2
Compton.....	4.0	-	-
DS 2368.....	5.3	4.7	3.6
FFR 515.....	4.0	-	-
FFR 525W.....	4.7	3.7	3.0
Florida 304.....	-	6.0	-
Florida 301.....	-	6.0	-
Florida 301H.....	-	6.3	5.0
Florida 302.....	4.7	4.7	3.8
Florida 303.....	-	6.7	5.4
GA 100.....	-	3.3	2.8
GA Andy.....	-	6.0	-
GA Gore.....	4.3	5.7	2.6
Madison.....	4.0	-	-
Massey.....	-	-	4.2
Pioneer 2548.....	3.7	3.3	2.0
ST 350W.....	4.7	3.7	-
Saluda.....	4.3	3.3	3.2
Terral 101.....	4.0	4.0	2.2
Tyler.....	4.7	-	-
Wakefield.....	4.3	3.0	2.4
Williams.....	-	5.0	2.6

<sup>1</sup>0-10 scale: 0 = no disease, 10 = severe disease.

Table 18. Leaf Rust Ratings for Wheat Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Northern Alabama	Central Alabama	Southern Alabama
Bayles.....	0.0	2.0	3.2
Northrup King Coker 9134.....	-	0.0	2.0
Caldwell.....	3.0	1.0	-
Coker 9543.....	1.7	-	-
Coker 9766.....	0.7	1.3	1.6
Coker 983.....	0.0	2.3	2.6
Compton.....	1.0	-	-
DS 2368.....	1.3	2.0	2.4
FFR 515W.....	1.3	-	-
FFR 525W.....	0.0	1.3	4.0
Florida 304.....	-	1.0	-
Florida 301.....	-	3.0	-
Florida 301H.....	-	5.0	5.6
Florida 302.....	3.3	3.3	5.2
Florida 303.....	-	2.0	3.6
GA 100.....	-	1.3	3.6
GA Andy.....	-	1.0	-
GA Gore.....	0.0	0.3	2.2
Madison.....	2.3	-	-
Massey.....	-	-	5.8
Pioneer 2548.....	0.0	1.0	2.6
ST 350W.....	2.7	1.7	-
Saluda.....	4.7	4.7	5.0
Terral 101.....	0.0	0.0	2.6
Tyler.....	4.3	-	-
Wakefield.....	2.7	1.7	3.0
Williams.....	-	2.0	3.8

10-10 scale: 0 = no disease, 10 = severe disease.

Table 19. Powdery Mildew Ratings for Wheat Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Northern Alabama	Central Alabama	Southern Alabama
Bayles.....	0.5	1.7	1.6
Northrup King			
Coker 9134.....	-	1.7	3.6
Caldwell.....	2.3	2.0	-
Coker 9543.....	1.0	-	-
Coker 9766.....	1.3	1.0	2.8
Coker 983.....	0.0	1.0	1.0
Compton.....	2.0	-	-
DS 2368.....	1.3	0.0	2.0
FFR 515W.....	1.3	-	-
FFR 525W.....	2.3	4.7	6.0
Florida 304.....	-	1.0	-
Florida 301.....	-	2.3	-
Florida 301H.....	-	2.0	2.6
Florida 302.....	0.0	1.7	3.3
Florida 303.....	-	1.3	1.3
GA 100.....	-	2.7	2.0
GA Andy.....	-	0.0	-
GA Gore.....	0.7	0.7	2.8
Madison.....	1.3	-	-
Massey.....	-	-	3.0
Pioneer 2548.....	1.3	2.0	3.0
ST 350W.....	1.7	1.3	-
Saluda.....	2.3	2.3	5.4
Terral 101.....	0.7	0.7	3.2
Tyler.....	1.7	-	-
Wakefield.....	2.0	1.7	3.4
Williams.....	-	2.0	2.4

<sup>1</sup>0-10 scale: 0 = no disease, 10 = severe disease.

Table 20. Barley Yellow Dwarf Ratings for Wheat Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Northern Alabama	Central Alabama	Southern Alabama
Bayles.....	23.3	10.7	6.0
Northrup King			
Coker 9134.....	-	0.0	0.0
Caldwell.....	0.3	0.0	-
Coker 9543.....	19.0	-	-
Coker 9766.....	21.7	7.2	14.0
Coker 983.....	15.3	10.2	0.0
Compton.....	6.8	-	-
DS 2368.....	0.3	0.2	0.0
FFR 515W.....	13.5	-	-
FFR 525W.....	15.2	0.2	0.0
Florida 304.....	-	20.0	-
Florida 301.....	-	0.0	-
Florida 301H.....	-	16.7	0.0
Florida 302.....	3.5	0.2	0.0
Florida 303.....	-	0.0	0.0
GA 100.....	-	1.2	5.0
GA Andy.....	-	0.0	-
GA Gore.....	31.0	0.5	0.0
Madison.....	6.8	-	-
Massey.....	-	-	3.3
Pioneer 2548.....	5.2	0.0	0.0
ST 350W.....	6.7	1.7	-
Saluda.....	7.5	0.2	0.1
Terral 101.....	5.3	0.3	0.0
Tyler.....	13.3	-	-
Wakefield.....	11.7	0.7	0.0
Williams.....	-	1.0	0.1

<sup>1</sup>Percent plants affected.

Table 21. Soilborne Wheat Mosaic Ratings for Wheat Varieties in Some 1992  
Small Grain Variety Tests<sup>1</sup>

Brand-variety	Brewton	Marion Junction	Tallassee
Bayles.....	0.0	1.0	2.0
Northrup King Coker 9134.....	0.0	0.0	0.0
Caldwell.....	-	0.0	0.0
Coker 9766.....	0.0	0.0	0.0
Coker 983.....	0.0	0.0	0.0
Coker 9835.....	0.0	-	-
DS 2368.....	0.0	0.0	3.0
FFR 525W.....	0.0	0.0	0.0
Florida 304.....	2.0	2.0	0.0
Florida 301.....	0.0	0.5	3.5
Florida 301H.....	2.5	0.0	2.0
Florida 302.....	1.0	0.5	4.0
Florida 303.....	0.0	2.5	3.5
GA 100.....	0.0	0.0	0.0
GA Andy.....	0.0	0.0	0.0
GA Gore.....	0.5	0.0	0.0
Massey.....	0.0	-	-
Pioneer 2548.....	0.0	0.0	0.0
ST 350W.....	-	0.5	0.0
Saluda.....	0.0	0.0	0.0
Terral 101.....	0.0	0.0	0.0
Wakefield.....	0.0	0.0	0.0
Williams.....	0.0	0.0	1.5

<sup>1</sup>0-5 scale: 0 = no apparent symptoms, 5 = severe mosaic / striping.

Table 22. Disease Ratings for Some Late Planted Wheat Varieties in Southern Alabama, 1992<sup>1</sup>

Brand-variety	Powdery mildew	Leaf rust	Stem rust	Septoria blotch	Soilborne wheat mosaic <sup>2</sup>
<u>Brewton</u>					
Northrup King					
Coker 9835.....	0	0	0	3	0
Florida 304.....	0	2	0	3	40
Florida 301.....	0	4	0	2	0
GA Andy.....	0	3	0	3	0
<u>Fairhope</u>					
Northrup King					
Coker 9835.....	1	6	0	4	0
Florida 304.....	1	2	0	5	0
Florida 301.....	0	5	7	6	0
GA Andy.....	0	2	7	6	0
<u>Camden</u>					
Northrup King					
Coker 9835.....	0	0	0	1	0
Florida 304.....	0	0	0	1	0
Florida 3012.....	2	3	0	1	0
GA Andy.....	1	0	0	4	0

<sup>1</sup>0-10 scale; 0 = no disease, 10 = severe disease.

<sup>2</sup>Percent plants affected.

Table 23. Disease Ratings for Barley Varieties in Northern Alabama, 1991-92<sup>1</sup>

Brand-variety	Stripe	Spot blotch	Net blotch	Septoria
Anson.....	0.7	0.3	2.0	0.0
Clemson 100.....	1.7	3.0	2.3	0.3
Nomini.....	0.7	2.3	2.0	0.3
Sussex.....	1.0	3.7	2.3	0.3
Wysor.....	0.7	2.0	1.3	0.3

<sup>1</sup>0-10 scale: 0 = no disease, 10 = severe disease

Table 24. Disease Ratings for Triticale Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Leaf rust	Septoria
<u>Northern Alabama</u>		
Morrison.....	0.0	2.3
Stan II.....	0.0	1.3
Sunland.....	0.0	5.0
Thomas.....	0.0	2.0
<u>Central Alabama</u>		
Morrison.....	0.0	5.3
Sunland.....	0.0	5.3
Trical 8910.....	2.7	3.7
Thomas.....	0.0	5.0
<u>Southern Alabama</u>		
Florida 201.....	0.6	5.2
Morrison.....	1.2	3.8
Trical 8910.....	2.8	5.2
Thomas.....	1.2	4.8

<sup>1</sup>0-10 scale: 0 = no disease, 10 = severe disease.



Table 25. Disease Ratings for Oat Varieties in Alabama, 1991-92<sup>1</sup>

Brand-variety	Helminthosporium leaf spot	Leaf rust	Barley yellow dwarf <sup>2</sup>	Septoria
<u>Northern Alabama</u>				
833.....	2.7	0.0	0.0	1.7
Citation.....	4.7	0.0	5.3	2.3
Coker 716.....	3.7	1.1	5.0	2.3
FFR SS 7630.....	4.7	0.0	2.0	2.3
GA Mitchell.....	6.0	0.0	20.7	3.0
Simpson.....	5.0	1.0	3.3	1.7
<u>Central Alabama</u>				
833.....	2.0	0.0	0.0	2.3
Citation.....	3.3	0.0	0.0	3.3
Coker 227.....	1.0	0.0	0.3	1.0
FFR SS 7630.....	2.7	0.0	1.7	4.3
Florida 501.....	3.3	0.0	0.2	3.7
Florida 502.....	3.3	0.0	1.2	3.7
GA Mitchell.....	3.3	0.0	5.0	2.7
Simpson.....	1.7	0.3	0.0	3.3
<u>Southern Alabama</u>				
833.....	1.8	1.8	0.0	1.2
87-11.....	1.2	1.8	0.0	1.0
Citation.....	1.8	1.2	0.0	2.4
Coker 227.....	1.8	1.8	0.6	1.8
FFR SS 7630.....	1.0	2.6	0.1	1.0
Florida 502.....	1.6	0.8	0.1	1.2
GA Mitchell.....	1.4	1.6	1.0	1.3
Simpson.....	1.5	1.8	0.1	0.8

<sup>1</sup>0-10 scale: 0 = no disease, 10 = severe disease.

<sup>2</sup>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 17-25. For lodging, plant height, and maturity ratings, see tables 2, 6, 10, and 11.

### WHEAT

#### NORTH

Pioneer 2548  
Wakefield  
Saluda  
Terral 101  
Tyler  
FFR 525W  
Florida 302  
GA Gore  
Northrup King  
Coker 983  
Northrup King  
Coker 9766\*

#### CENTRAL

Wakefield  
FFR 525W  
GA Gore  
Northrup King  
Coker 983  
Northrup King  
Coker 9766  
Terral 101  
Pioneer 2548  
Bayles  
GA 100  
Florida 302  
Williams\*  
Saluda\*  
Northrup King  
Coker 9134\*\*

#### SOUTH

##### Regular Planting

Northrup King  
Coker 9766  
Northrup King  
Coker 983  
GA Gore  
Wakefield  
Massey  
Florida 302\*  
FFR 525W\*  
Pioneer 2548\*  
Williams\*

##### Late Planting

Northrup King  
Coker 9835  
Bayles  
GA Andy  
Florida 303

### OAT

#### NORTH

FFR SS 7630  
Simpson  
Citation  
Northrup King  
Coker 716  
833\*

#### CENTRAL

Simpson  
Citation  
833  
Northrup King  
Coker 227\*  
GA Mitchell\*\*

#### SOUTH

Citation  
833  
Simpson  
Northrup King  
Coker 227\*

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continued

TRITICALE

NORTH

Thomas  
Stan II  
Morrison

CENTRAL

Thomas  
Sunland  
Morrison

SOUTH

Florida 201  
Sunland  
Morrison

BARLEY

NORTH

Wysor  
Sussex

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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. Varieties are listed in descending order of yield.

WHEAT

NORTH

Caldwell+  
Pioneer 2548  
Massey  
Williams  
Saluda  
Stacy  
Compton\*+

CENTRAL

Saluda  
Williams  
Caldwell+  
Stacy  
Pioneer 2548  
Florida 302  
Massey

SOUTH

Williams  
Stacy  
Saluda+  
Massey  
Coker 9766  
Pioneer 2548

OATS

NORTH

FFR SS 7630  
Simpson  
Coker 716  
Citation  
833\*\*

CENTRAL

FFR SS 7630  
Citation  
Coker 227  
833

SOUTH

Citation  
FFR SS 7630  
Simpson  
Coker 227  
833

TRITICALE

NORTH

Thomas  
Stan I

CENTRAL

Stan I  
Thomas

SOUTH

Thomas  
Stan I  
Beagle 82

BARLEY

NORTH

Wysor  
Sussex

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continued

RYE

NORTH

Maton  
AFC 20-20  
Carolina Magic  
II  
Bonel  
GI 90  
GI 87X

CENTRAL

Maton  
Bonel  
Carolina Magic  
  
Gurley Grazer 2000  
Gurley Grazer 2000X  
AFC 20-10  
GI 85\*

SOUTH

GI 87  
Maton  
Dossco Grazer  
  
Bonel  
Wintergrazer 70  
AFC 20-10

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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.

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

## SOURCES OF SEED

### WHEAT

Caldwell	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)	Northrup King Co., Grifton, North Carolina
Compton	Department of Agronomy, University of Kentucky Lexington, Kentucky
DS 2368	Delhi Seed Co., Inc. Delhi, Louisiana
FFR 515W, FFR 525W	FFR Cooperative West Lafayette, Indiana
Florida 301, Florida 301H Florida 302, Florida 303 Florida 304	Univ. of Florida, Agric. Res. Ctr., Quincy, Florida
Massey, Madison, Wakefield	Department of Agronomy Virginia Polytechnic Inst. Blacksburg, Virginia
Pioneer Brand 2548	Pioneer Hi-Bred International, Inc. Tipton, Indiana
Saluda	Limestone County Coop. Athens, Alabama
ST 350W	Stoneville Pedigreed Seed Stoneville, Mississippi
Stacy	Georgia Seed Development Comm. Athens, Georgia
Terral 101	Terral-Norris Seed Co., Inc. Lake Providence, Louisiana
Tyler	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
Williams	South Carolina Crop Impr. Assoc. Clemson, South Carolina

OAT

Citation	Terral-Noris 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-Mitchell	Coastal Plain Experiment Station Tifton, Georgia
Simpson	South Carolina Crop Impr. Assoc. Clemson, South Carolina
833, 87-11	Arkansas County Seed Stuttgart, Arkansas

RYE

AFC 20-10, AFC 20-20, AFC 20-30, Dossco Grazer II Graze King 90, Sawan Grazer Volunteer Magic, Carolina Magic	Raymond Gurley II Selma, North Carolina
Bonel, Wren's Abruzzi AL Florida 401, Florida 402	Alabama Crop Improvement Assoc. Auburn, Alabama
GA WAC5L	Coastal Plain Experiment Station Tifton, Georgia
GI-85, GI-87, GI-87X CGI-90, Gurley's Grazer 2000 Gurley's Grazer 2000x	Carl R. Gurley, Inc. Princeton, North Carolina
Maton	Noble Foundation Ardmore, Oklahoma
Wintergrazer 70	Seed Production Inc. Madison, Georgia

BARLEY

Anson	North Carolina Foundation Seed Producers, Inc. Raleigh, North Carolina
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Clemson 100

South Carolina Crop Impr. Assoc.  
Clemson, South Carolina

Nomini, Sussex, Wysor

Department of Agronomy  
Virginia Polytechnic Inst.  
Blacksburg, Virginia

TRITICALE

Beagle 82, Sunland

Coastal Plain Experiment Station  
Tifton, Georgia

Florida 201

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

Morrison, Thomas

Alabama A & M University  
Normal, Alabama

Stan I, Stan II,  
Trical 8910

Goldsmith Seeds, Inc.  
Union, Kentucky





