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1983 Small Grain Variety Report





The 1983 Alabama Performance Comparison  
of Small Grain Varieties

by

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Alabama Agricultural Experiment Station

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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 1983 ALABAMA PERFORMANCE COMPARISON  
OF SMALL GRAIN VARIETIES

W. C. Johnson and Darrell Williams<sup>1</sup>

INTRODUCTION

The large number of commercially available varieties of wheat, oats, rye, barley, and triticale makes it difficult for growers to select a superior variety suited for their particular area of the state. Making this decision requires up-to-date, unbiased, reliable information. This report is published annually to provide Alabama growers with this information.

This report is compiled from tests conducted at 12 locations in order to 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 consisted of three rows 16 feet long spaced 12 inches apart. Each variety was replicated three times in each test.

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

Grain only: This test was planted approximately one month later than the forage tests. The test was fertilized with P and K according to soil test and received 20 pounds N per acre at planting with a top-dressing of 60 pounds N per acre in late February or early March, just

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prior to jointing. The plots were not sprayed to control disease, in order to rate them for their inherent 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.

Forage plus grain: This test is clipped to simulate fall and winter grazing of small grains, followed by removal of cattle to allow the crop to joint and produce grain. The test was planted around October 1, and fertilized at planting with 100 pounds N per acre. The plots were clipped each time they reached 6 inches in height with a flail-type mower, and a sample was weighed green from each plot. The samples were then dried and weighed. The percent dry matter figure was used to calculate dry forage matter per acre. Clipping 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.

Forage Only: The forage only tests were planted around Oct. 1st and fertilized at planting with 100 pounds N per acre and clipped in the same manner as the forage plus grain test. 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, and 48 pounds per bushel for barley. All bushel test weights for wheat were adjusted to 13.5 percent moisture.

Lodging is 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 for wheat, oats, and barley are given on Tables 16-20. Dr. Robert T. Gudauskas, Department of Botany, Plant Pathology, and Microbiology compiled these disease ratings from each test location. The ratings were taken when most varieties were in the soft dough stage of maturity.

### Discussion

Growing conditions and varietal 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 Grain Varieties Tested in Northern Alabama 1981-1983<sup>1</sup>

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>WHEAT</b>														
Coker 762	32	39	46	1,469-26	1,154-31	1,226-38	3,506	3,016	3,167	--	2	30	4/28	50.4
Coker 747	35	37	43	693-44	612-39	699-45	3,399	2,971	3,267	3,788	1	31	5/02	59.3
Coker 916	32	35	43	944-36	863-36	945-45	3,645	--	--	--	0	32	4/30	56.6
Roy	30	34	43	1,301-37	1,139-35	1,147-42	3,667	3,615	3,668	4,027	2	34	5/02	53.7
Coker 68-15	31	32	41	1,118-31	969-29	1,111-38	3,391	3,428	3,498	3,704	1	35	4/30	58.7
McNair 1003	28	32	39	1,265-22	1,010-29	1,116-37	3,336	3,106	3,214	3,565	1	32	4/29	48.8
Southern Belle	25	27	39	1,030-30	879-27	996-38	3,276	2,991	3,102	3,543	1	31	4/28	58.2
Ga. 1123	25	28	37	1,496-28	1,114-27	1,308-33	3,288	3,306	3,312	--	4	42	5/01	57.4
Stacy	29	29	35	813-30	854-29	963-35	3,063	2,839	3,219	--	2	36	4/30	59.0
Arthur	27	26	35	721-31	587-28	646-35	2,746	--	--	--	2	36	5/02	59.7
Wakeland	25	28	34	1,778-26	1,363-26	1,540-31	3,400	--	--	--	22	39	4/30	56.8
McNair 1813	22	22	33	1,471-20	1,255-22	1,319-30	3,119	--	--	--	1	34	4/24	53.6
Pioneer 2550	38	35	--	752-40	558-38	---	---	---	---	---	2	34	5/05	56.7
Hart	33	30	--	392-31	411-30	---	---	---	---	---	0	34	5/04	54.2
Arthur 71	26	23	--	604-31	502-26	---	---	---	---	---	1	32	5/02	57.4
Caldwell	37	--	--	919-44	---	---	---	3,472	--	--	1	34	5/02	56.4
HW-3007	31	--	--	975-35	---	---	---	3,168	--	--	2	34	5/02	54.6
HW-3006	27	--	--	1,584-33	---	---	---	3,368	--	--	1	36	5/02	57.4
Auburn	27	--	--	684-39	---	---	---	3,125	--	--	2	34	5/08	57.1
Fillmore	19	--	--	559-26	---	---	---	3,050	--	--	18	36	5/09	57.2
Omega 78	--	--	--	---	---	---	---	3,236	3,185	3,676	--	--	--	--
<b>OATS</b>														
Coker 716	92	95	88	1,354-89	712-93	795-89	3,643	3747	3229	3,840	10	40	5.04	--
Harpool 833	92	86	87	1,514-101	812-92	789-88	3,605	--	--	--	16	38	5/03	--
Coker 79-23	90	86	85	1,286-93	659-86	769-82	3,393	--	--	--	15	34	5/06	--
Coker 227	84	81	83	1,649-80	865-84	854-82	3,478	3678	3279	3,840	40	38	4/30	--
Fla. 501	61	53	--	1,751-61	884-46	---	---	3574	2333	--	56	36	4/26	--
Brooks	84	--	--	2,033-79	---	---	---	3632	--	--	44	38	5/01	--

Table 1 (cont.).

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>BARLEY</b>														
Volbar	51	53	59	408-62	268-61	311-64	3,383	--	--	--	2	38	4/22	--
Barsoy	48	44	53	1,208-49	753-41	791-48	3,095	3,378	3,244	3,640	6	32	4/10	--
Keowee	55	46	47	1,211-62	685-55	586-55	3,226	3,393	3,338	3,575	16	38	4/20	--
Redhill	36	--	--	1,646-37	---	---	--	--	--	--	4	36	4/10	--
McNair 601	33	--	--	1,581-27	---	---	--	3,342	--	--	2	36	4/14	--
<b>RYE</b>														
Wintergazer 70								4,540	5,021	5,459				
Forager								4,460	4,515	5,027				
Gurley's Grazer 2000								4,416	4,707	4,884				
AFC 20-20								4,818	5,131	4,847				
Vitagraze								4,549	4,324	--				
Wren's Abruzzi								4,436	4,294	--				
Wintergrazer 70B								4,581						
Wintergrazer 80								4,254						
<b>TRITICALE</b>														
Council								3,493	3,700	--				
Beagle								2,631	--	--				

<sup>1</sup>Tennessee Valley Substation, Belle Mina; Sand Mountain Substation, Crossville; and Upper Coastal Plain Substation, Winfield, Alabama.

<sup>2</sup>Data from grain only test.

Table 2. Tennessee Valley Substation Small Grain Variety Trial, 1983<sup>1</sup>

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<b>WHEAT</b>								
Roy	41	54.5 <sub>2</sub>	58	405	50	281-62	3,880	3,421
Coker 762	46	--	56	867	32	461-55	2,875	2,505
Southern Belle	37	--	55	323	43	175-58	2,927	2,520
McNair 1003	38	--	53	877	32	414-57	3,612	3,034
Coker 68-15	44	57.3	52	469	38	302-55	3,426	2,955
Coker 747	41	--	52	213	48	124-58	3,200	2,848
Arthur	32	61.1	49	216	34	122-49	--	--
Coker 916	34	56.0	48	358	42	225-63	--	--
Ga. 1123	31	58.7	42	790	32	525-42	3,483	2,729
Wakeland	31	57.2	40	1,150	37	629-49	--	--
McNair 1813	30	52.3	40	1,073	25	574-42	--	--
Stacy	29	58.6	37	533	30	267-47	3,140	2,936
HW-3006	35	59.7	--	877	45	---	3,886	--
Caldwell	42	58.6	--	542	51	---	4,576	--
Auburn	24	58.2	--	412	49	---	4,238	--
Fillmore	13	57.6	--	393	22	---	4,597	--
Arthur 71	28	56.8	--	295	35	---	--	--
HW-3007	36	55.3	--	676	44	---	3,609	--
Hart	39	53.5	--	231	35	---	--	--
Pioneer 2550	44	--	--	176	48	---	--	--
Omega 78	--	--	--	--	--	---	3,247	2,802
<b>OATS</b>								
Coker 716	126	--	114	807	131	287-121	5,476	3,863
Harpool 833	111	--	108	1,148	139	397-116	--	--
Coker 227	107	--	107	1,204	115	412-118	5,527	3,828
Brooks	110	--	--	1,830	119	---	4,399	--
Coker 79-23	109	--	--	1,021	133	346-109	--	--
Fla. 501	75	--	--	1,282	85	---	4,111	2,462

Table 2 (cont.).

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<b>BARLEY</b>								
Volbar	65	--	82	92	81	53-88	--	--
Barsoy	67	--	76	829	67	315-68	3,989	3,190
Keowee	60	--	61	629	76	227-78	4,699	3,694
McNair 601	58	--	--	1,515	46	---	3,597	--
Redhill	57	--	--	2,079	50	---	--	--
<b>RYE</b>								
Wintergrazer 70							4,793	4,475
AFC 20-20							5,087	4,424
Gurley's Grazer 2000							4,911	4,236
Vitagraze							4,982	3,826
Wren's Abruzzi							4,111	3,416
NK SS-1							4,071	3,090
Wintergrazer 80							4,900	--
Forager							4,879	--
Wintergrazer 70B							4,833	--
<b>TRITICALE</b>								
Council							4,875	3,884
Beagle							2,829	--
1983 mean	35*			752	39*		4,136	
L.S.D. (.05)	9			298	6		745	
C.V. (%)	16			24	9		11	

<sup>1</sup>Belle Mina, Alabama. Planted: September 17 for forage; October 22 for grain. Harvested: June 24.

<sup>2</sup>Blanks indicate inadequate sample collected for test weight.

\*These figures apply to wheat yields only.

Table 3. Sand Mountain Substation Small Grain Variety Trial, 1983<sup>1</sup>

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<b>WHEAT</b>								
Coker 747	30	59.3	37	368	40	558-38	2,075	2,142
Coker 916	30	57.2	37	424	29	686-33	--	--
Coker 762	17	50.4	37	965	19	1,116-30	2,611	2,348
Coker 68-15	19	60.0	33	648	23	877-30	2,220	2,142
Ga. 1123	19	56.0	33	858	24	1,106-30	2,417	2,179
Roy	19	52.9	33	844	25	966-31	2,447	2,364
Stacy	29	59.3	31	600	30	755-31	2,127	2,202
McNair 1003	19	48.8	30	1,028	13	961-29	2,069	2,218
Southern Belle	13	58.2	28	527	17	828-28	1,946	1,796
Wakeland	19	56.4	26	1,016	15	1,145-21	--	--
McNair 1813	14	54.8	26	1,214	15	1,129-26	--	--
Arthur	22	58.2	25	353	27	442-26	--	--
Arthur 71	24	57.9	--	230	27	---	--	--
Fillmore	26	56.9	--	191	30	---	1,841	--
Pioneer 2550	32	56.7	--	227	32	---	--	--
Auburn	30	55.9	--	181	29	---	1,986	--
HW-3006	19	55.1	--	1,000	20	---	2,174	--
Hart	28	55.0	--	186	27	---	--	--
Caldwell	32	54.1	--	371	38	---	2,190	--
HW-3007	26	53.9	--	525	26	---	2,109	--
Omega 78	--	--	--	--	--	---	2,358	2,237
<b>OATS</b>								
Coker 79-23	71	--	76	685	53	323-71	--	--
Harpool 833	73	--	73	733	63	395-71	--	--
Coker 716	58	--	73	589	47	295-61	2,145	1,914
Coker 227	60	--	69	951	45	436-51	2,309	2,030
Brooks	59	--	--	1,272	39	---	2,138	--
Fla. 501	47	--	--	1,205	37	---	2,384	1,960



Table 3 (cont.).

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<b>BARLEY</b>								
Volbar	36	--	45	105	42	155-45	--	--
Keowee	50	--	43	435	48	279-43	2,217	2,091
Barsoy	29	--	38	892	32	548-39	2,219	2,034
Redhill	15	--	--	941	24	---	--	--
McNair 601	8	--	--	939	8	---	2,550	--
<b>RYE</b>								
AFC 20-20							3,134	3,438
Wintergrazer 70							3,197	3,254
Gurley's Grazer 2000							3,171	3,114
Wren's Abruzzi							2,972	2,816
Vitagraze							2,690	2,626
NK SS-1							2,831	2,526
Wintergrazer 80							2,774	--
Wintergrazer 70B							2,635	--
Forager							2,411	--
<b>TRITICALE</b>								
Council							2,146	2,275
Beagle							1,858	--
1983 mean	23*			661	25*		2,376	
L.S.D. (.05)	4			227	5		440	
C.V. (%)	12			21	12		11	

<sup>1</sup>Crossville, Alabama. Planted: September 27. Harvested: June 24.  
\*These figures apply to wheat yields only.

Table 4. Upper Coastal Plains Substation Small Grain Variety Trial, 1983.<sup>1</sup>

Variety	Grain only <sup>2</sup>		Forage and grain <sup>2</sup>		Forage only	
	1981-82 av. yield		Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb.				
<b>WHEAT</b>						
Coker 747	42	1,498	1,414 - 35	3,637	4,811	
Coker 762	52	2,576	2,101 - 31	3,562	4,649	
Southern Belle	40	2,240	1,986 - 30	4,099	4,990	
Stacy	40	1,307	1,865 - 30	3,251	4,735	
Ga. 1123	42	2,839	2,294 - 29	4,017	5,027	
Roy	42	2,654	2,194 - 29	4,517	5,218	
Arthur	34	1,594	1,373 - 29	--	--	
McNair 1003	38	1,891	2,103 - 28	2,468	4,390	
Coker 68-15	44	2,236	2,154 - 26	4,638	5,396	
McNair 1813	40	2,126	2,252 - 22	--	--	
Wakeland	38	3,168	2,847 - 22	--	--	
HW-3006	--	2,874	----	4,430	--	
Omega 78	--	--	----	4,101	--	
Coker 916	42	2,051	1,923 - 46	--	--	
Pioneer 2550	--	1,855	----	--	--	
Caldwell	--	1,843	----	3,651	--	
HW-3007	--	1,725	----	3,786	--	
Auburn	--	1,460	----	3,449	--	
Arthur 71	--	1,288	----	--	--	
Fillmore	--	1,094	----	2,724	--	
Hart	--	760	----	--	--	
<b>OATS</b>						
Coker 716	70	2,666	1,802 - 82	3,619	4,257	
Coker 227	72	2,792	1,550 - 76	3,197	3,980	
Harpool 833	72	3,663	1,574 - 66	--	--	
Coker 79-23	64	2,152	1,638 - 52	--	--	
Brooks	--	2,997	----	4,360	--	
Fla. 501	--	2,766	----	4,228	4,576	

Table 4 (cont.).

Variety	Grain only <sup>2</sup>	Forage and grain <sup>2</sup>		Forage only	
	1981-82 av. yield	Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	<u>Bu.</u>	<u>Lb.</u>	<u>Lb.-bu.</u>	<u>Lb.</u>	<u>Lb.</u>
<b>BARLEY</b>					
Volbar	48	1,027	724 - 55	--	--
Keowee	30	2,568	1,253 - 35	3,264	4,228
Barsoy	43	1,903	1,389 - 30	3,926	4,506
McNair 601	--	2,291	---	3,879	--
Redhill	--	1,919	---	--	--
<b>RYE</b>					
AFC 20-20				6,235	7,532
Wintergrazer 70				5,632	7,335
Gurley's Grazer 2000				5,166	6,772
Wren's Abruzzi				6,226	6,625
Vitagraze				5,972	6,510
NK SS-1				6,212	5,896
Wintergrazer 70B				6,276	--
Forager				6,089	--
Wintergrazer 80				5,088	--
<b>TRITICALE</b>					
Council				3,458	4,942
Beagle				3,205	--
1983 mean		2,091		4,361	
L.S.D. (.05)		1,027		1,448	
C.V. (%)		30		20	

<sup>1</sup>Winfield, Alabama. Planted: September 21.

<sup>2</sup>1982 yields. 1983 data not suitable for report.

Table 5. Characteristics of Small Grain Varieties Tested in Central Alabama 1981-1983<sup>1</sup>

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>WHEAT</b>														
Coker 916	38	45	55	1,599-31	1,651-35	1,706-45	4,406	--	--	--	0	33	4/21	57.3
Coker 762	38	49	54	1,788-26	1,762-29	1,969-35	4,069	3,757	3,412	--	0	30	4/20	49.5
McNair 1003	36	44	54	2,416-29	2,192-30	2,203-42	4,723	4,972	4,343	4,414	0	36	4/20	50.2
McNair 1813	29	42	51	2,732-28	2,398-31	2,353-41	4,813	4,952	4,258	4,410	0	37	4/15	54.0
Southern Belle	32	38	48	1,266-25	1,438-27	1,559-38	3,839	--	--	--	0	33	4/20	57.7
Stacy	35	38	47	2,140-24	2,054-30	2,025-40	4,425	--	--	--	2	40	4/26	60.0
Coker 747	40	41	46	1,276-25	1,291-28	1,440-38	3,720	4,347	4,023	4,349	0	34	4/28	56.7
Coker 68-15	30	34	45	1,609-22	1,575-21	1,736-31	3,596	4,074	3,596	4,029	0	36	4/25	59.6
Roy	31	35	44	1,909-23	1,887-25	1,961-36	4,121	4,202	3,802	4,108	0	35	4/28	49.4
Fla. 301	32	40	42	2,391-14	1,618-18	1,864-25	3,364	3,880	2,802	--	0	37	4/10	53.8
Arthur	37	35	42	1,368-27	1,295-26	1,384-37	3,604	3,848	3,624	4,080	0	36	4/26	59.6
Omega 78	25	35	42	1,964-24	1,879-28	1,978-34	4,018	--	--	--	0	33	4/16	57.0
Wakeland	35	36	41	1,930-23	1,768-21	2,077-29	3,817	4,417	3,568	--	0	42	4/24	56.9
Arthur 71	29	31	39	1,458-28	1,403-28	1,412-36	3,572	--	--	--	0	35	4/26	58.0
Abe	30	31	38	1,370-25	1,211-25	1,187-36	3,347	--	--	--	0	34	4/27	60.0
Terral 800-22	36	47	--	1,558-19	1,746-25	---	---	---	---	---	0	37	4/24	59.8
Hunter	35	47	--	1,517-35	1,564-35	---	---	---	---	---	0	30	4/13	55.5
Pioneer 2550	40	41	--	1,833-28	1,532-35	---	---	---	---	---	0	37	5/02	51.3
Doublecrop	37	35	--	1,205-27	1,315-26	---	---	---	---	---	0	38	4/20	58.6
Fillmore	42	--	--	1,640-25	---	---	---	5,067	--	--	0	36	5/06	58.3
Terral 81-12	42	--	--	1,444-28	---	---	---	--	--	--	0	33	4/19	58.4
HW-3007	41	--	--	2,145-29	---	---	---	5,220	--	--	0	38	4/28	53.6
Caldwell	41	--	--	1,770-27	---	---	---	5,558	--	--	0	36	4/29	56.4
HW-3006	36	--	--	1,821-20	---	---	---	4,193	--	--	1	38	4/24	58.2
Auburn	36	--	--	1,635-31	---	---	---	5,332	--	--	0	38	5/01	55.0

Table 5 (cont.).

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>OATS</b>														
Coker 716	87	97	92	2,071-56	1,508-75	1,468-80	4,028	5,783	4,732	5,045	7	41	5/02	--
Coker 227	77	80	84	2,222-53	1,587-72	1,634-79	4,162	6,205	4,849	5,234	20	42	4/28	--
Coker 820	64	72	71	2,366-39	1,628-56	1,807-61	3,759	--	--	--	5	40	4/20	--
Fla. 501	72	64	--	2,453-49	1,536-53	---	---	4,695	3,150	--	36	40	4/23	--
Fla. 7611-68	67	59	--	2,033-52	1,239-44	---	---	--	--	--	4	39	4/16	--
Brooks	79	--	--	2,206-42	---	---	---	4,901	--	--	14	42	4/26	--
<b>BARLEY</b>														
Barsoy								4,523	3,981	4,303				
Redhill								5,251	--	--				
McNair 601								4,330	--	--				
<b>RYE</b>														
Wintergrazer 70								6524	5,866	5,867				
AFC 20-20								5963	5,477	5,288				
Forager								5902	5,256	5,278				
Gurley's Grazer 2000								6075	5,276	5,234				
Wren's Abruzzi								5789	5,179	--				
Vitagraze								6161	5,087	--				
NK SS-1								5586	4,721	--				
Wintergrazer 70B								6326	--	--				
Wintergrazer 80								6244	--	--				
<b>TRITICALE</b>														
Council								5504	4,462	--				
Beagle								3398	--	--				

<sup>1</sup>Piedmont Substation, Camp Hill; Plant Breeding Unit, Tallassee; Prattville Experiment Field and Black Belt Substation, Marion Junction, Alabama.  
<sup>2</sup>Data from grain only test.

Table 6. Piedmont Substation Small Grain Variety Trial, 1983.<sup>1</sup>

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield <sup>2</sup>	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>								
Coker 747	43	--	48	942		873-46	2,499	2,894
Southern Belle	29	--	45	785		932-50	--	--
Stacy	37	60.0	44	844		940-46	--	--
McNair 1003	24	53.0	44	1,203		1,164-46	2,465	2,734
Coker 68-15	28	60.5	43	1,053		1,024-40	2,710	2,742
Coker 762	20	--	42	1,706		1,209-41	2,709	--
Roy	33	--	41	963		1,161-42	2,601	2,608
Coker 916	34	57.5	40	1,039		1,036-52	--	--
Abe	35	60.0	38	515		472-40	--	--
McNair 1813	24	53.8	38	1,718		1,912-45	3,040	2,708
Wakeland	38	59.1	37	1,371		1,191-35	2,405	--
Arthur	34	59.6	36	580		655-42	2,085	2,512
Arthur 71	35	59.9	35	767		665-38	--	--
Fla. 301	7	--	29	1,466		1,012-34	2,557	--
Omega 78	9	--	27	1,596		1,340-46	--	--
Doublecrop	34	60.1	--	663		---	--	--
Terral 800-22	45	59.8	--	1,028		---	--	--
Terral 81-12	25	59.8	--	1,174		---	--	--
HW-3006	37	58.9	--	1,087		---	2,393	--
Auburn	39	58.6	--	622		---	2,488	--
Fillmore	47	58.3	--	372		---	2,210	--
Caldwell	44	58.2	--	478		---	2,504	--
HW-3007	49	57.9	--	1,228		---	2,505	--
Pioneer 2550	47	--	--	561		---	--	--
Hunter	13	--	--	1,401		---	--	--
<b>OATS</b>								
Coker 716	98	--	72	762		527-76	2,473	2,062
Coker 227	87	--	59	1,256		733-64	2,953	2,465
Coker 820	42	--	40	1,234		849-56	--	--

Table 6 (cont.).

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield <sup>2</sup>	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>OATS (cont.)</b>								
Brooks	89	--	--	1,392		---	2,478	--
Fla. 501	76	--	--	1,505		---	2,411	1,678
Fla. 7611-G8	46	--	--	1,413		---	--	--
<b>BARLEY</b>								
Barsoy							2,181	2,244
Redhill							2,350	--
McNair 601							2,311	--
<b>RYE</b>								
AFC 20-20							2,984	3,564
Wintergrazer 70							2,537	3,030
Gurley's Grazer 2000							2,498	2,828
NK SS-1							2,841	2,579
Wren's Abruzzi							2,462	2,383
Forager							2,741	--
Vitagraze							2,721	--
Wintergrazer 70B							2,648	--
Wintergrazer 80							2,492	--
<b>TRITICALE</b>								
Council							2,176	2,312
Beagle							2,270	--
1983 mean	32*			1,054			2,490	
L.S.D. (.05)	10			328			596	
C.V. (%)	19			19			15	

<sup>1</sup>Camp Hill, Alabama. Planted: September 29 for forage, October 19 for grain. Harvested: June 13.

<sup>2</sup>Grain plots overtaken by ryegrass.

\*These figures apply to wheat yields only.

Table 7. Plant Breeding Unit Small Grain Variety Trial, 1983.<sup>1</sup>

Variety	Grain only <sup>2</sup>		Forage and grain <sup>2</sup>		Forage only	
	1981-82 av. yield		Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	Bu.		Lb.	Lb.-Bu.	Lb.	Lb.
<b>WHEAT</b>						
Coker 916	70		2,939	2,431 - 46	--	--
McNair 1813	64		4,572	3,201 - 40	--	--
McNair 1003	56		4,631	3,366 - 38	8,857	6,765
Stacy	45		4,228	3,170 - 38	--	--
Southern Belle	58		2,070	2,227 - 38	--	--
Abe	26		2,913	2,170 - 38	--	--
Coker 747	38		2,420	2,155 - 38	7,217	5,663
Coker 762	57		2,823	2,757 - 36	5,594	--
Arthur 71	38		2,777	2,295 - 36	--	--
Roy	36		3,707	2,927 - 34	6,452	5,344
Arthur	36		2,689	2,113 - 34	6,309	4,987
Omega 78	47		3,500	2,427 - 32	--	--
Coker 68-15	43		3,155	2,747 - 27	6,142	4,857
Wakeland	37		3,352	2,966 - 23	7,789	--
Fla. 301	42		3,096	2,441 - 22	5,833	--
HW-3007	--		4,222	----	9,516	--
Galdwell	--		3,783	----	10,568	--
Pioneer 2550	--		3,623	----	--	--
Auburn	--		3,594	----	11,038	--
HW-3006	--		3,493	----	7,133	--
Fillmore	--		3,123	----	9,986	--
Terral 800-22	--		2,692	----	--	--
Doublecrop	--		2,360	----	--	--
Terral 81-12	--		2,274	----	--	--
Hunter	--		2,042	----	--	--
<b>OATS</b>						
Coker 227	78		3,702	2,988 - 86	11,494	7,988
Coker 716	78		3,916	2,566 - 74	10,418	7,952
Coker 820	76		3,335	2,632 - 64	--	--



Table 7 (cont.).

Variety	Grain only <sup>2</sup>		Forage and grain <sup>2</sup>		Forage only	
	1981-82 av. yield		Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	Bu.		Lb.	Lb.-bu.	Lb.	Lb.
<b>OATS (cont.)</b>						
Fla. 501	--		3,714	---	7,865	4,857
Brooks	--		3,096	---	8,120	--
Fla. 7611-68	--		2,706	---	--	--
<b>BARLEY</b>						
Barsoy					9,370	6,945
Redhill					10,567	--
McNair 601					7,392	--
<b>RYE</b>						
Wintergrazer 70					13,896	10,724
Gurley's Grazer 2000					12,952	9,869
AFC 20-20					12,419	9,480
NK SS-1					11,871	9,252
Wintergrazer 80					13,961	--
Wintergrazer 70B					13,868	--
Forager					12,579	--
Vitagraze					12,266	--
Wren's Abruzzi					12,138	--
<b>TRITICALE</b>						
Council					12,137	7,981
Beagle					5,478	--
1983 mean			3,243		9,672	
L.S.D. (.05)			552		1,275	
C.V. (%)			10		8	

<sup>1</sup>Tallassee, Alabama. Planted: September 21.

<sup>2</sup>1982 yields. 1983 test destroyed by birds.

Table 8. Prattville Small Grain Variety Trial, 1983.

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>							
Coker 916	42	57	993	36	1,953-42	--	--
McNair 1003	39	56	1,885	33	2,320-40	4,094	3,773
Coker 762	36	54	1,380	30	1,912-35	3,227	--
McNair 1813	41	50	1,999	32	2,387-40	3,562	3,522
Roy	30	48	1,302	18	2,027-29	3,543	3,361
Coker 747	39	47	668	28	1,537-37	3,270	3,498
Coker 68-15	32	45	1,084	20	1,795-27	3,061	2,974
Fla. 301	48	44	1,951	20	1,984-23	3,294	--
Southern Belle	31	44	1,145	26	1,676-31	--	--
Arthur	33	43	1,011	28	1,588-38	--	--
Stacy	33	42	1,394	26	2,113-36	--	--
Abe	28	41	839	30	1,158-35	--	--
Arthur 71	24	39	1,038	31	1,557-35	--	--
Wakeland	27	37	1,290	20	2,005-25	3,049	--
Terral 81-12	48	--	1,203	32	---	--	--
Hunter	45	--	1,286	37	---	--	--
HW-3007	38	--	1,312	37	---	9,516	--
Pioneer 2550	35	--	1,158	30	---	--	--
Doublecrop	35	--	634	33	---	--	--
Omega 78	33	--	1,196	28	1,895-34	--	--
Auburn	33	--	879	26	---	3,109	--
Terral 800-22	32	--	1,277	16	---	--	--
Fillmore	32	--	1,200	29	---	3,901	--
Caldwell	31	--	1,136	30	---	4,177	--
HW-3006	30	--	1,294	21	---	7,133	--
<b>OATS</b>							
Coker 227	83	108	1,543	72	1,565-34	5,511	4,196
Coker 716	85	107	1,509	71	1,503-98	5,614	4,324
Coker 820	74	81	2,203	56	1,847-76	--	--

Table 8 (cont.).

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	<u>Bu.</u>	<u>Bu.</u>	<u>Lb.</u>	<u>Bu.</u>	<u>Lb.-bu.</u>	<u>Lb.</u>	<u>Lb.</u>
OATS (cont.)							
Fla. 501	78	--	1,822	75	---	4,769	2,782
Brooks	78	--	1,668	55	---	4,591	--
Fla. 7611-G8	72	--	1,844	71	---	--	--
BARLEY							
Barsoy						4,040	4,183
McNair 601						4,317	--
Redhill						3,994	--
RYE							
Wintergrazer 70						5,539	5,514
Gurley's Grazer 2000						5,114	4,564
Wren's Abruzzi						4,923	4,367
Vitagraze						5,582	--
Wintergrazer 80						5,327	--
Wintergrazer 70B						5,207	--
AFC 20-20						4,939	--
Forager						4,887	--
NK SS-1						4,436	--
TRITICALE							
Council						4,996	--
Beagle						2,813	--
1983 mean	35*		1,327	28*		4,171	
L.S.D. (.05)	6		263	6		658	
C.V. (%)	10		12	12		10	

<sup>1</sup>Planted: October 11 for forage; November 10 for grain. Harvested: June 10.

\*These figures apply to wheat yields only.

Table 9. Black Belt Substation Small Grain Variety Trial, 1983.<sup>1</sup>

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>							
Coker 762	59	68	1,243	21	1,728-47	3,496	--
McNair 1003	45	64	1,945	25	1,963-50	4,474	4,098
Coker 916	37	64	1,424	26	1,404-51	--	--
McNair 1813	52	61	2,641	24	2,456-46	4,927	4,620
Southern Belle	37	58	1,063	23	1,415-46	--	--
Stacy	34	58	2,095	22	1,873-51	--	--
Fla. 301	41	55	3,050	7	2,018-30	3,837	--
Omega 78	34	55	1,564	19	1,896-36	--	--
Wakeland	40	54	1,708	26	2,146-37	4,426	--
Roy	31	54	1,665	29	1,728-47	4,211	3,894
Arthur	45	53	1,194	27	1,164-44	4,096	3,732
Coker 68-15	32	53	1,144	24	1,379-38	4,382	3,810
Coker 747	38	50	1,073	23	1,193-41	4,402	4,038
Abe	27	47	1,213	21	967-40	--	--
Arthur 71	26	46	1,249	26	1,131-41	--	--
Terral 81-12	52	--	1,185	24	---	--	--
Hunter	48	--	1,338	34	---	--	--
Fillmore	47	--	1,863	20	---	4,169	--
Caldwell	47	--	1,684	25	---	4,984	--
Doublecrop	41	--	1,161	21	---	--	--
HW-3006	41	--	1,411	20	---	4,401	--
Pioneer 2550	39	--	1,990	26	---	--	--
Auburn	38	--	1,444	36	---	4,692	--
HW-3007	35	--	1,816	22	---	4,991	--
Terral 800-22	31	--	1,235	23	---	--	--
<b>OATS</b>							
Coker 716	79	108	2,097	40	1,274-85	4,628	4,671
Coker 820	76	94	2,693	23	1,899-64	--	--
Coker 227	60	91	2,386	34	1,252-79	4,863	4,746

Table 9 (cont.).

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. Forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<u>OATS (cont.)</u>							
Fla. 7611-G8	83	--	2,168	34	---	--	--
Fla. 501	70	--	2,772	24	---	3,735	3,294
Brooks	70	--	2,669	30	---	4,414	--
<u>BARLEY</u>							
Barsoy						2,502	2,936
Redhill						4,092	--
McNair 601						3,298	--
<u>RYE</u>							
Wintergrazer 70						4,126	4,194
AFC 20-20						3,510	3,840
Gurley's Grazer 2000						3,735	3,748
Wren's Abruzzi						3,633	3,563
NK SS-1						3,196	3,213
Vitagraze						4,073	--
Wintergrazer 70B						3,581	--
Forager						3,400	--
Wintergrazer 80						3,195	--
<u>TRITICALE</u>							
Council						2,707	3,179
Beagle						3,031	--
1983 mean	40*		1,748	24*		3,975	
L.S.D. (.05)	11		752	9		845	
C.V. (%)	17		26	24		13	

<sup>1</sup>Marion Junction, Alabama. Planted: September 22 for forage; October 19 for grain. Harvested: June 23.  
\*These figures apply to wheat yields only.

Table 10. Characteristics of Small Grain Varieties Tested in Southern Alabama 1981-1983.<sup>1</sup>

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>WHEAT</b>														
Coker 762	48	50	62	1,546-21	1,778-29	1,617-45	4,317	3,810	3,529	3,122	4	32	4/08	48.1
Coker 916	36	44	56	1,114-29	1,686-39	1,435-51	4,495	--	--	--	0	34	4/16	50.6
Southern Belle	35	38	51	1,106-27	1,458-28	1,359-42	3,879	3,120	3,407	3,112	2	34	4/14	52.7
McNair 1003	33	32	48	1,333-24	1,672-22	1,619-37	3,839	3,192	3,385	3,000	0	36	4/14	45.0
Coker 747	33	32	45	861-26	1,238-27	1,090-42	3,610	3,167	3,680	3,112	5	36	4/22	52.7
Roy	30	32	44	1,520-25	1,968-24	1,837-35	3,937	3,395	3,826	3,414	2	36	4/17	49.8
McNair 1813	31	32	44	1,388-21	1,775-21	1,531-35	3,631	--	--	--	3	36	4/11	49.6
Holley	31	34	44	1,313-25	1,549-29	1,480-41	3,940	3,535	3,553	3,040	3	43	3/29	52.4
Coker 68-15	25	28	42	1,330-21	1,574-23	1,374-28	3,054	3,035	3,599	3,220	3	36	4/17	51.6
Wakeland	28	30	41	1,476-23	1,773-22	1,682-34	3,722	3,597	3,568	3,245	6	44	4/16	53.0
Fla. 301	25	29	40	1,803-11	1,772-20	1,751-33	3,731	3,637	3,289	--	1	38	3/19	51.4
Hunter	43	45	--	1,305-24	1,709-27	--	--	--	--	--	2	32	4/04	53.6
Doublecrop	32	34	--	766-24	1,175-28	--	--	--	--	--	5	34	4/14	54.7
Terral 800-22	21	27	--	1,170-18	1,739-20	--	--	--	--	--	10	37	4/17	50.7
Pioneer 2550	19	24	--	996-25	1,277-28	--	--	--	--	--	0	35	4/29	49.3
Arthur 71	25	23	--	836-26	1,143-22	--	--	--	--	--	0	36	4/21	53.2
Terral 81-12	45	--	--	1,233-30	--	--	--	--	--	--	1	34	4/07	53.5
HW-3006	30	--	--	1,683-23	--	--	--	3,535	--	--	2	38	4/12	54.2
Caldwell	29	--	--	921-27	--	--	--	3,219	--	--	1	34	4/30	52.1
HW-3007	27	--	--	1,317-27	--	--	--	3,551	--	--	0	38	4/19	47.7
Auburn	22	--	--	818-27	--	--	--	3,009	--	--	1	34	4/30	52.1
Fillmore	21	--	--	756-19	--	--	--	2,955	--	--	1	38	4/30	48.1
Omega 78	--	--	--	--	--	--	--	3,412	3,337	3,091	--	--	--	--
<b>OATS</b>														
Coker 79-23	90	98	104	1,249-75	1,311-87	1,229-96	4,301	--	--	--	1	40	4/25	--
Coker 227	80	84	95	1,401-54	1,559-75	1,349-88	4,165	4,815	4,846	4,342	15	46	4/14	--
Coker 820	67	74	84	1,825-43	1,555-60	1,413-73	3,749	--	--	--	1	40	4/25	--

Table 10 (cont.).

Variety	Regional av. grain only yield			Regional av. forage/grain yield				Regional av. forage only yield			1983 regional av. <sup>2</sup>			
	1983	2-yr.	3-yr.	1983	2-yr.	3-yr.	3-yr. av. total feed	1983	2-yr.	3-yr.	Lodging	Height	1/10 Headed	Test wt.
	Bu.	Bu.	Bu.	Lb.-bu.	Lb.-bu.	Lb.-bu.	Lb.	Lb.	Lb.	Lb.	Pct.	In.	Date	Lb./bu.
<b>OATS (cont.)</b>														
Terral 81-29	85	93	--	1,506-60	1,430-78	---	--	--	--	--	8	46	4/17	--
Fla. 501	66	73	--	1,701-39	1,251-51	---	--	4,004	3,351	--	50	42	4/12	--
Fla. 7611-G8	61	70	--	1,616-44	1,144-53	---	--	--	--	--	2	42	3/31	--
Brooks	56	--	--	1,656-29	---	---	--	4,026	--	--	46	44	4/15	--
<b>BARLEY</b>														
Barsoy								3,337	3,417	3,161				
Redhill								3,680	--	--				
McNair 601								3,334	--	--				
<b>RYE</b>														
AFC 20-20								4,573	5,156	5,081				
Forager								4,324	4,889	4,595				
Wintergrazer 70								4,145	4,970	4,463				
Gurley's Grazer 2000								3,921	4,669	4,367				
Vitagraze								4,655	4,704	--				
Wren's Abruzzi								4,362	4,685	--				
NK SS-1								4,238	4,242	--				
Wintergrazer 80								4,444	--	--				
Wintergrazer 70B								3,971	--	--				
<b>TRITICALE</b>														
Council								4,127	4,274	--				
Beagle								2,933	--	--				

<sup>1</sup>Wiregrass Substation, Headland; Lower Coastal Plain Substation, Camden; Brewton and Monroeville Experiment Fields; and Gulf Coast Substation, Fairhope, Alabama.

<sup>2</sup>Data from grain only test.

Table 11. Wiregrass Substation Small Grain Variety Trial, 1983<sup>1</sup>

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>							
Coker 762	42	67	2,274	20	2,341-50	2,266	3,342
Coker 916	33	67	710	34	1,319-61	--	--
Southern Belle	36	61	809	29	1,082-44	1,558	3,447
McNair 1003	31	54	1,545	28	1,848-44	1,625	3,122
Fla. 301	38	53	2,684	11	2,228-39	2,948	3,558
Holley	31	51	1,173	27	1,633-48	2,591	3,949
Coker 747	34	50	586	27	1,082-48	1,186	3,092
Coker 68-15	32	50	1,255	26	1,497-41	1,892	3,602
Wakeland	35	47	1,636	29	2,049-40	2,369	4,129
Hunter	49	--	1,568	27	---	--	--
Terral 81-12	47	--	1,292	33	---	--	--
Terral 800-22	37	--	1,018	33	---	--	--
HW-3006	33	--	1,506	26	---	2,176	--
Coker 916	33	--	710	34	---	--	--
McNair 1813	32	--	1,499	24	1,712-42	--	--
Roy	31	--	1,782	31	2,251-42	2,270	4,582
HW-3007	29	--	1,083	31	---	--	--
Doublecrop	29	--	363	30	---	--	--
Arthur 71	28	--	468	35	---	--	--
Fillmore	24	--	371	27	---	--	--
Caldwell	23	--	416	32	---	1,011	--
Auburn	21	--	432	32	---	1,061	--
Pioneer 2550	19	--	611	39	---	--	--
Omega 78						2,356	3,278
<b>OATS</b>							
Coker 79-23	83	109	833	107	1,414-79	--	--
Coker 227	98	107	99	93	1,571-99	2,899	4,247
Coker 820	80	103	1,838	64	1,722-95	--	--
Fla. 501	85	--	1,723	38	---	2,657	2,822
Norris 81-29	84	--	957	87	---	--	--



Table 11 (cont.).

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	<u>Bu.</u>	<u>Bu.</u>	<u>Lb.</u>	<u>Bu.</u>	<u>Lb.-bu.</u>	<u>Lb.</u>	<u>Lb.</u>
<u>OATS (cont.)</u>							
Fla. 7611-68	72	--	1,766	57	---	--	--
Brooks	28	--	1,637	19	---	2,640	--
Coker 716						2,161	3,460
<u>BARLEY</u>							
Barsoy						1,786	3,248
Redhill						2,559	--
McNair 601						2,159	--
<u>RYE</u>							
AFC 20-20						3,089	4,677
Gurley's Grazer 2000						2,493	4,128
Wintergrazer 70						1,704	4,002
Vitagraze						2,829	3,956
Wren's Abruzzi						2,440	3,788
NK SS-1						2,806	3,394
Wintergrazer 80						2,362	--
Forager						2,146	--
Wintergrazer 70B						2,012	--
<u>TRITICALE</u>							
Council						2,298	4,351
Beagle						2,491	--
1983 mean	33*		1,201	29*		2,191	
L.S.D. (.05)	10		654	5		1,197	
C.V. (%)	20		33	11		34	

<sup>1</sup>Headland, Alabama. Planted: October 18 for forage; November 16 for grain. Harvested: June 1.

\*These figures apply to wheat yields only.

Table 12. Lower Coastal Plain Small Grain Variety Trial, 1983<sup>1</sup>

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>							
Coker 916	56	65	1,235	46	1,001-59	--	--
Coker 762	54	63	1,643	34	1,226-52	4,193	3,348
McNair 1003	47	59	1,692	36	1,503-46	3,855	3,347
Southern Belle	45	56	1,202	48	966-55	4,302	3,712
Coker 747	39	55	693	37	495-51	3,808	3,405
Roy	37	50	1,785	36	1,360-47	4,095	3,564
Holley	42	48	1,493	37	1,118-47	4,308	3,352
McNair 1813	45	47	1,541	34	1,215-45	--	--
Coker 68-15	30	47	1,586	29	1,167-45	3,856	3,396
Wakeland	32	44	1,618	27	1,216-41	4,506	3,648
Fla. 301	21	35	2,924	19	1,699-38	3,632	3,040
Hunter	59	--	1,572	41	---	--	--
Terral 81-12	52	--	1,391	43	---	--	--
Doublecrop	45	--	694	37	---	--	--
HW-3006	42	--	1,893	35	---	4,126	--
Caldwell	40	--	962	41	---	4,594	--
HW-3007	37	--	1,743	42	---	4,530	--
Arthur 71	36	--	840	35	---	--	--
Pioneer 2550	27	--	1,248	34	---	--	--
Auburn	25	--	722	38	---	4,471	--
Terral 800-22	20	--	1,331	18	---	--	--
Fillmore	17	--	819	18	---	4,244	--
Omega 78						3,890	3,338
<b>OATS</b>							
Coker 79-23	130	134	1,590	93	715-120	--	--
Coker 227	122	111	1,689	82	731-106	7,327	5,378
Coker 820	117	85	2,213	79	1,016-69	--	--
Norris 81-29	126	--	1,962	80	---	--	--

Table 12 (cont.).

Variety	Grain only		Forage and grain			Forage only	
	Grain yield	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>OATS (cont.)</b>							
Brooks	112	--	2,239	64	---	6,287	--
Fla. 7611-G8	110	--	1,936	85	---	--	--
Fla. 501	107	--	1,958	85	---	5,556	3,511
Coker 716						7,154	5,128
<b>BARLEY</b>							
Barsoy						5,179	3,877
McNair 601						5,500	--
Redhill						4,719	--
<b>RYE</b>							
AFC 20-20						5,748	5,345
Wintergrazer 70						5,752	5,188
Gurley's Grazer 2000						5,622	5,061
Vitagraze						5,987	4,948
NK SS-1						6,062	4,732
Wren's Abruzzi						5,385	4,732
Wintergrazer 80						5,734	--
Wintergrazer 70B						5,339	--
Forager						5,317	--
<b>TRITICALE</b>							
Council						5,382	4,589
Beagle						3,409	--
1983 mean	39*		1,490	35*		4,965	
L.S.D. (.05)	10		448	7		760	
C.V. (%)	16		19	12		9	

<sup>1</sup>Camden, Alabama. Planted: October 1 for forage; October 28 for grain. Harvested: May 30.  
\*These figures apply to wheat yields only.

Table 13. Brewton Small Grain Variety Trial, 1983

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>								
Coker 762	51	47.8	53	1,159	7	1,301-38	3,086	2,562
Coker 916	30	--	46	1,127	20	1,122-47	--	--
Southern Bell	30	51.1	45	871	12	1,101-36	2,006	2,062
Coker 747	28	--	40	689	23	930-40	2,661	2,642
McNair 1003	26	40.9	36	803	11	1,108-29	2,121	2,102
Coker 68-15	15	50.2 <sub>2</sub>	35	956	14	1,239-33	2,101	2,426
Holley	26	--	35	1,050	23	1,258-37	2,587	2,345
Wakeland	21	--	31	1,017	22	1,758-29	2,656	2,504
Roy	23	--	30	916	20	1,385-26	2,057	2,370
Fla. 301	10	--	30	1,194	2	1,333-24	2,138	2,020
McNair 1813	21	48.0	28	872	7	1,214-24	--	--
Doublecrop	31	56.4	--	642	12	---	--	--
Hunter	29	54.3	--	1,021	5	---	--	--
Arthur 71	16	50.9	--	680	14	---	--	--
Caldwell	23	50.0	--	715	19	---	2,502	--
Terral 800-22	9	47.3	--	929	8	---	--	--
HW-3007	18	46.8	--	746	17	---	2,631	--
Fillmore	15	45.1	--	741	16	---	2,229	--
Terral 81-12	42	--	--	905	24	---	--	--
HW-3006	19	--	--	1,134	17	---	2,642	--
Auburn	15	--	--	765	17	---	2,363	--
Pioneer 2550	8	--	--	734	10	---	--	--
Omega							2,644	2,347
<b>OATS<sup>1</sup></b>								
Coker 79-23	98	--	99	905	64	806-89	--	--
Coker 227	51	--	69	866	12	836-60	2,963	3,298
Coker 820	15	--	56	1,063	6	1,724-57	--	--
Norris 81-29	72	--	--	1,034	40	---	--	--
Brooks	41	--	--	1,022	13	---	3,121	--

Table 13 (cont.).

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./bu.	Bu.	Lb.	Bu.	Lb.-bu.	Lb.	Lb.
OATS (cont.)								
Fta. 501	28	--	--	1,146	8	---	2,955	3,106
Fla. 7611-G8	9	--	--	1,282	4	---	--	--
Coker 716							3,488	3,906
BARLEY								
Barsoy							2,100	2,134
Redhill							2,852	--
McNair 601							2,109	--
RYE								
Wintergrazer 70							4,581	4,572
AFC 20-20							5,485	4,553
Wren's Abruzzi							4,931	4,070
Vitagraze							4,735	2,997
NK SS-1							4,216	3,608
Gurley's Grazer 2000							2,478	3,335
Forager							5,173	--
Wintergrazer 80							4,579	--
Wintergrazer 70B							4,467	--
TRITICALE								
Council							3,867	2,998
Beagle							1,971	--
1983 mean	23*			930	15*		3,106	
L.S.D. (.05)	6			282	6		720	
C.V. (%)	16			19	24		14	

<sup>1</sup>Oats were severely bird damaged. Planted: October 7 for forage; November 11 for grain. Harvested: June 15.

<sup>2</sup>Blanks indicate inadequate sample taken for test weight.

\*These figures apply to wheat yields only.

Table 14. Monroeville Small Grain Variety Trial, 1983.

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	Bu.	Lb./Bu.	Bu.	Lb.	Bu.	Lb.-Bu.	Lb.	Lb.
<b>WHEAT</b>								
Coker 762	42	50.0	63	2,009	24	1,308-53	3,426	3,266
Coker 916	25	51.0	54	1,719	16	1,560-44	--	--
McNair 1003	29	47.6 <sub>1</sub>	48	1,694	21	1,706-32	2,906	2,850
Southern Belle	30	--	48	1,841	18	1,803-35	2,980	2,743
McNair 1813	28	50.8	44	1,995	18	1,202-35	--	--
Coker 747	32	52.7	43	1,629	17	948-36	3,005	3,032
Coker 68-15	24	52.5	42	1,876	14	1,192-37	2,874	2,826
Holley	26	51.6	42	1,992	14	1,464-36	3,098	2,856
Roy	26	48.4	42	1,940	13	1,943-26	3,634	3,162
Wakeland	24	52.1	41	2,159	15	1,580-35	3,323	2,976
Fla. 301	30	--	41	2,109	13	1,547-40	3,425	2,982
Hunter	34	53.6	--	1,682	24	---	--	--
Arthur 71	22	52.6	--	1,422	20	---	--	--
HW-3006	24	52.1	--	2,504	14	---	3,038	--
Doublecrop	25	51.5	--	1,502	16	---	--	--
Auburn	24	51.4	--	1,483	22	---	2,947	--
Terral 800-22	19	51.2	--	1,863	11	---	--	--
Terral 81-12	41	50.9	--	1,805	19	---	--	--
Caldwell	29	48.4	--	1,823	18	---	2,863	--
Fillmore	27	48.2	--	1,328	14	---	2,790	--
HW-3007	24	48.1	--	2,014	18	---	3,253	--
Pioneer 2550	20	46.3	--	1,507	16	---	--	--
Omega 78							2,875	2,801
<b>OATS</b>								
Coker 820	55	--	90	3,074	22	1,322-77	--	--
Coker 227	49	--	84	2,596	27	1,623-74	3,740	3,796
Coker 79-23	46	--	83	2,293	38	1,766-81	--	--
Norris 81-29	60	--	--	2,792	32	---	--	--

Table 14 (cont.).

Variety	Grain only			Forage and grain			Forage only	
	Grain yield	Test wt.	3-yr. av. yield	Forage yield	Grain yield	3-yr. av. forage-grain	Dry forage	2-yr. av. yield
	<u>Bu.</u>	<u>Lb./Bu.</u>	<u>Bu.</u>	<u>Lb.</u>	<u>Bu.</u>	<u>Lb.-Bu.</u>	<u>Lb.</u>	<u>Lb.</u>
<u>OATS (cont.)</u>								
Fla. 7611-G8	53	--	--	2,481	29	---	--	--
Fla. 501	45	--	--	2,852	25	---	2,959	2,970
Brooks	43	--	--	2,337	19	---	2,957	--
Coker 716							3,179	3,652
<u>BARLEY</u>								
Barsoy							2,907	2,615
Redhill							2,707	--
McNair 601							2,519	--
<u>RYE</u>								
Wren's Abruzzi							3,687	3,988
Vitagraze							3,892	3,982
Wintergrazer 70							3,408	3,811
AFC 20-20							3,337	3,786
NK SS-1							3,126	3,504
Gurley's Grazer 2000							3,247	3,483
Wintergrazer 80							3,685	--
Forager							3,531	--
Wintergrazer 70B							3,379	--
<u>TRITICALE</u>								
Council							2,783	2,754
Beagle							1,850	--
1983 mean	28*			2,011	17*		3,131	
L.S.D. (.05)	6			478	4		648	
C.V. (%)	14			15	14		13	

<sup>1</sup>Blanks indicate inadequate test weight sample.

Planted: October 8 for forage; November 12 for grain. Harvested: July 6.

\*These figures apply to wheat yields only.

Table 15. Gulf Coast Substation Small Grain Variety Trial, 1983<sup>1</sup>

Variety	Grain only <sup>2</sup>		Forage and grain <sup>2</sup>		Forage only	
	Test wt.	1981-82 av. yield	Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	Lb./Bu.	Bu.	Lb.	Lb.-bu.	Lb.	Lb.
<b>WHEAT</b>						
Coker 916	50.1	58	781	2,172-54	--	--
Southern Belle	54.2	50	808	1,845-43	4,754	5,070
Coker 68-15	52.2	40	978	1,759-43	4,473	5,752
Roy	51.2	50	1,177	2,246-40	4,922	5,192
Holley	53.2	54	855	1,907-40	5,091	5,160
Coker 747	52.6	40	709	1,726-40	5,172	--
McNair 1003	46.4	45	930	1,725-40	5,453	5,503
McNair 1813	49.9	48	1,033	2,234-35	--	--
Coker 762	46.7	69	643	907-35	6,081	5,124
Wakeland	53.8	48	952	1,762-33	5,130	4,598
Fla. 301	--	58	689	2,241-30	4,205	3,924
HW-3007	48.1	--	1,378	---	5,692	--
Pioneer 2550	52.3	--	1,105	---	6,044	--
Terral 81-12	56.1	--	996	---	5,005	--
Hunter	52.8	--	879	---	--	--
Arthur 71	56.1	--	771	---	--	--
Fillmore	51.1	--	707	---	--	--
Caldwell	53.4	--	689	---	5,126	--
Terral 800-22	53.6	--	682	---	--	--
Doublecrop	56.4	--	631	---	--	--
HW-3006	56.2	--	523	---	4,362	--
Auburn	52.8	--	--	---	--	--
Omega 78	--	--	--	---	--	--
<b>OATS</b>						
Coker 227	--	120	854	1,981-100	7,145	7,504
Coker 79-23	--	97	623	1,473-82	--	--
Coker 820	--	98	938	1,724-74	--	--
Brooks	--	--	1,044	---	5,122	--
Fla. 501	--	--	828	---	5,896	4,347



Table 15 (cont.).

Variety	Grain only <sup>2</sup>		Forage and grain <sup>2</sup>		Forage only	
	Test wt.	1981-82 av. yield	Forage yield	1981-82 forage-grain	Dry forage	2-yr. av. yield
	<u>Lb./Bu.</u>	<u>Bu.</u>	<u>Lb.</u>	<u>Lb.-bu.</u>	<u>Lb.</u>	<u>Lb.</u>
<b>OATS (cont.)</b>						
Norris 81-29	--	--	786	---	--	--
Fla. 7611-68	--	--	617	---	--	--
Coker 716	--	--	--	---	5,356	6,670
<b>BARLEY</b>						
Barsoy					4,713	5,486
Redhill					5,564	--
McNair 601					4,384	--
<b>RYE</b>						
AFC 20-20					5,208	7,422
Gurley's Grazer 2000					5,767	7,340
Wintergrazer 70					5,280	7,273
Wren's Abruzzi					5,365	6,846
Vitagraze					5,831	6,502
NK SS-1					4,979	5,956
Wintergrazer 80					5,857	--
Forager					5,454	--
Wintergrazer 70B					4,655	--
<b>TRITICALE</b>						
Council					6,303	6,778
Beagle					4,944	--
1983 mean			840		5,116	
L.S.D. (.05)			283		993	
C.V. (%)			21		12	

<sup>1</sup>Fairhope, Alabama. Planted: October 18. Harvested: June 10.

<sup>2</sup>1982 grain yields. 1983 test destroyed by birds.

Table 16. Septoria Blotch Disease Ratings for Wheat Varieties in Alabama,  
1982-83<sup>1</sup>

Variety	Northern <sup>2</sup> Alabama	Central <sup>3</sup> Alabama	Southern <sup>4</sup> Alabama
Abe	--	3.3	--
Arthur	3.7	3.3	--
Arthur 71	5.0	3.8	3.4
Auburn	3.3	3.0	3.4
Caldwell	4.0	3.5	3.2
Coker 68-15	5.3	4.5	4.6
Coker 747	4.0	3.3	3.0
Coker 762	5.7	4.0	3.4
Coker 916	5.0	3.8	2.8
Doublecrop	--	3.5	3.6
Fillmore	3.0	4.3	3.8
Fla. 301	--	5.5	5.4
Ga. 1123	4.3	--	--
Hart	3.5	--	--
Holley	--	--	3.6
Hunter	--	5.0	3.0
HW-3006	4.3	4.5	3.6
HW-3007	3.7	3.8	3.6
N.K.-McNair 1003	5.3	4.8	4.0
N.K.-McNair 1813	6.7	4.5	4.4
Omega 78	--	4.5	--
Pioneer 2550	3.3	3.8	4.4
Roy	4.0	3.5	3.2
Southern Belle	5.0	3.5	3.2
Stacy	4.7	4.0	
Terral 81-12	--	3.3	3.6
Terral 800-22	--	3.3	4.4
Wakeland	4.3	3.8	2.8

<sup>1</sup>0-9 scale: 0 = no disease, 9 = severe disease.

<sup>2</sup>Average of 3 locations.

<sup>3</sup>Average of 4 locations.

<sup>4</sup>Average of 5 locations.

Table 17. Powdery Mildew Disease Ratings for Wheat Varieties in  
Alabama, 1982-83.<sup>1</sup>

Variety	Northern <sub>2</sub> Alabama	Central <sub>3</sub> Alabama	Southern <sub>4</sub> Alabama
Abe	--	3.5	--
Arthur	5.5	3.5	--
Arthur 71	6.0	3.8	1.0
Auburn	2.5	2.8	.8
Caldwell	4.5	1.8	.5
Coker 68-15	6.5	4.3	2.6
Coker 747	5.5	3.0	1.8
Coker 762	5.0	1.8	1.0
Coker 916	4.0	2.0	0
Doublecrop	--	4.3	1.8
Fillmore	2.5	.8	.3
Fla. 301	--	.7	0
Ga. 1123	5.0	--	--
Hart	3.5	--	--
Holley	--	--	0
Hunter	--	2.5	.3
HW-3006	7.5	6.0	4.6
HW-3007	4.5	3.0	.5
N.K.-McNair 1003	2.5	1.0	2.8
N.K.-McNair 1813	6.5	1.0	0
Omega 78	--	.3	--
Pioneer 2550	5.5	3.8	1.4
Roy	4.0	4.3	4.5
Southern Belle	5.5	4.5	2.5
Stacy	1.5	2.0	--
Terral 81-12	--	1.8	0
Terral 800-22	--	.3	.7
Wakeland	4.0	4.3	.6

<sup>1</sup>0-9 scale: 0 = no disease, 9 = severe disease.

<sup>2</sup>Average of 3 locations.

<sup>3</sup>Average of 4 locations.

<sup>4</sup>Average of 5 locations.

Table 18. Leaf Rust Disease Ratings for Wheat Varieties in Alabama,  
1982-83.<sup>1</sup>

Variety	Northern <sup>2</sup> Alabama	Central <sup>3</sup> Alabama	Southern <sup>4</sup> Alabama
Abe	--	4.3	--
Arthur	1.0	2.8	3.2
Arthur 71	1.0	4.3	--
Auburn	0	.3	.8
Caldwell	.7	1.0	1.4
Coker 68-15	.7	2.8	2.2
Coker 747	1.4	2.0	2.4
Coker 762	0	0	0
Coker 916	.7	.3	0
Doublecrop	--	.5	2.0
Fillmore	0	0	.8
Fla. 301	--	0	0
Ga. 1123	.7	--	--
Hart	4.0	--	--
Holley	--	--	.2
Hunter	--	.8	1.5
HW-3006	0	.5	.8
HW-3007	1.5	2.3	4.8
N.K.-McNair 1003	3.0	2.5	2.6
N.K.-McNair 1813	2.5	0	2.4
Omega 78	--	2.0	--
Pioneer 2550	1.0	2.5	2.6
Roy	2.5	1.8	2.0
Southern Belle	0	1.5	3.4
Stacy	2.0	1.5	--
Terral 81-12	--	1.0	0
Terral 800-22	--	2.4	4.8
Wakeland	.7	2.3	1.2

<sup>1</sup>0-9 scale: 0 = no disease, 9 = severe disease.

<sup>2</sup>Average of 3 locations.

<sup>3</sup>Average of 4 locations.

<sup>4</sup>Average of 5 locations.

Table 19. Oat Variety Disease Ratings for Alabama, 1982-83

Variety	Barley yellow dwarf <sup>1</sup>	Leaf blotch <sup>2</sup>	Leaf rust <sup>2</sup>	Loose smut <sup>3</sup>
<u>Northern Alabama</u> <sup>4</sup>				
Brooks	.3	4.0	0	0
Coker 227	8.3	3.7	0	0
Coker 79-23	3.3	2.7	0	0
Coker 716	3.3	4.0	.7	0
Fla. 501	18.3	5.0	0	0
Harpool 833	.3	3.3	0	0
<u>Central Alabama</u> <sup>5</sup>				
Brooks	0	2.0	2.0	0
Coker 227	1.2	3.7	.2	0
Coker 820	0	2.7	.2	0
Coker 716	0	3.5	.2	0
Fla. 501	5.0	4.5	0	0
Fla. 7611-G8	2.5	3.5	.2	0
<u>Southern Alabama</u> <sup>6</sup>				
Brooks	0	1.8	5.8	0
Coker 227	0	2.4	1.4	0
Coker 79-23	0	3.8	0	0
Coker 820	0	1.8	1.4	0
Fla. 501	0	2.2	2.2	0
Fla. 7611-G8	0	2.6	0	0
Terral 81-29	0	2.6	1.4	0

<sup>1</sup>Percentage of plants showing symptoms.

<sup>2</sup>0-9 scale: 0 = no disease; 9 = severe disease.

<sup>3</sup>Number of smutted heads/row.

<sup>4</sup>Averages for 3 locations.

<sup>5</sup>Averages for 4 locations.

<sup>6</sup>Averages for 5 locations.

Table 20. Barley Variety Disease Ratings for Alabama, 1982-83<sup>1</sup>

Variety	Spot blotch	Net blotch	Leaf rust	Scald
Barsoy	--	--	8.0	8.0
Keowee	7.0	2.0	3.0	0
McNair 601	6.0	5.0	3.5	7.0
Redhill	7.0	7.0	4.0	4.0
Volbar	6.0	5.0	3.5	0

<sup>1</sup>0-9 scale: 0 = no disease; 9 = severe disease. Data are averages from 3 locations in North Alabama.

## VARIETIES RECOMMENDED FOR GRAIN ONLY

Recommendations are based on 3-year regional average yields of grain. Varieties are listed alphabetically. For disease ratings see tables 16-20. For lodging, plant height, and maturity ratings see tables 1, 5, and 10.

### NORTHERN ALABAMA

#### WHEAT

Coker 68-15  
Coker 747  
Coker 762  
Coker 916  
N.K.-McNair 1003  
Roy  
Southern Belle

#### OATS

Coker 716  
Harpool 833

#### BARLEY

Barsoy  
Volbar

### CENTRAL ALABAMA

#### WHEAT

Arthur\*  
Coker 68-15  
Coker 747  
Coker 762  
Coker 916  
Fla. 301  
N.K.-McNair 1003  
N.K.-McNair 1813  
Roy  
Southern Belle  
Stacy

#### OATS

Coker 227\*  
Coker 716

### SOUTHERN ALABAMA

#### WHEAT

Coker 68-15\*  
Coker 747\*  
Coker 762  
Coker 916  
Holley\*  
N.K.-McNair 1003\*  
Roy\*  
Southern Belle

#### OATS

Coker 227

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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.

## VARIETIES RECOMMENDED FOR FORAGE AND GRAIN

Recommendations are based on 3-year regional average yields for forage and grain. The ratio of forage to total feed in percent is given with each variety. Variety selection should be based on the combined production of forage and grain and the forage ratio. For disease ratings see tables 16-20. Varieties are listed alphabetically.

### NORTHERN ALABAMA

<u>WHEAT</u>	<u>Forage ratio</u>	<u>OATS</u>	<u>Forage ratio</u>
Coker 68-15	33	Coker 227	25
Coker 747	21	Coker 716	22
Coker 762	35	Harpool 833	22
Coker 916	26		
Ga. 1123	40		
N.K.-McNair 1003	33		
N.K.-McNair 1813*	42		
Roy	31		
Southern Belle*	30		
Wakeland	45		

### CENTRAL ALABAMA

<u>WHEAT</u>	<u>Forage ratio</u>	<u>OATS</u>	<u>Forage ratio</u>
Coker 762	48	Coker 227	39
Coker 916	39	Coker 716	34
N.K.-McNair 1003	48		
N.K.-McNair 1813	47		
Roy	48		
Southern Belle*	41		
Stacy	46		

### SOUTHERN ALABAMA

<u>WHEAT</u>	<u>Forage ratio</u>	<u>OATS</u>	<u>Forage ratio</u>
Coker 68-15*	45	Coker 227	32
Coker 747*	30		
Coker 762	37		
Coker 916	32		
Holley	38		
N.K.-McNair 1003*	42		
Roy	47		
Southern Belle*	35		
Wakeland*	45		

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

## VARIETIES RECOMMENDED FOR FORAGE ONLY

Variety recommendations for the 3 regions are based on 3-year regional averages of full-season forage yield in tables 1, 5, and 10. Varieties are listed alphabetically.

NORTHERN ALABAMA

<u>RYE</u>	<u>WHEAT</u>	<u>OATS</u>	<u>BARLEY</u>
AFC 20-20	Coker 68-15	Coker 227	Barsoy
Gurley's Grazer 2000	Coker 747	Coker 716	Keowee
Forager	N.K.-McNair 1003*		
Wintergrazer 70	Omega 78		
	Roy		
	Southern Belle*		

CENTRAL ALABAMA

<u>RYE</u>	<u>WHEAT</u>	<u>OATS</u>	<u>BARLEY</u>
AFC 20-20	Coker 68-15*	Coker 227	Barsoy
Gurley's Grazer 2000	Coker 747	Coker 716	
Forager	N.K.-McNair 1003		
Wintergrazer 70	N.K.-McNair 1813		

SOUTHERN ALABAMA

<u>RYE</u>	<u>WHEAT</u>	<u>OATS</u>
AFC 20-20	Coker 68-15	Coker 227
Gurley's Grazer 2000	Coker 747*	
Forager	Coker 762*	
Wintergrazer 70	Roy	
	Southern Belle*	
	Wakeland	

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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.



## SOURCES OF SEED

WHEAT

Abe, Arthur 71, Auburn, Caldwell, Fillmore	Ag. Alumni Seed Imp. Assoc., Inc. Romney, Indiana
Arthur, Wakeland	Alabama Crop Imp. Assoc., Inc. Auburn, Alabama
Coker (all varieties)	Coker's Pedigreed Seed Co. Hartsville, South Carolina
Southern Belle, Hunter	North American Plant Breeders Brookston, Indiana
Doublecrop	Rice Branch Experiment Station Stuttgart, Arkansas
Fla. 301	Florida Foundation Seed Prod., Inc. Greenwood, Florida
Ga. 1123, Holley, Omega 78, Stacy	Georgia Seed Development Comm. Athens, Georgia
Hart	University of Missouri Columbia, Missouri
N.K.-McNair 1003, 1813	Northrup King Co. Laurinburg, North Carolina
Pioneer 2550	Pioneer Hi-Bred International, Inc. Tipton, Indiana
Roy	North Carolina Foundation Seed Prod. Inc., Raleigh, North Carolina
Terral 800-22, 81-12	Terral-Norris Seed Co. Lake Providence, Louisiana
HW-3006, HW-3007	Rohm and Hass Seeds, Inc. Lafayette, Indiana

OATS

Coker (all varieties)	Coker's Pedigreed Seed Co. Hartsville, South Carolina
Fla. 501, Fla. 7611-G8 Center	Univ. of Florida Agric. Research Quincy, Florida
Harpool 833	Harpool Seed Co. Denton, Texas

OATS (cont.)

Terral 81-29

Terral-Norris Seed Co.  
Lake Providence, Louisiana

Brooks

North Carolina Foundation Seed Prod.,  
Inc., Raleigh, North CarolinaRYE

AFC 20-20

Alabama Farmer's Co-op  
Decatur, Alabama

Gurley's Grazer 2000

Gurley's, Inc.  
Selma, North Carolina

Forager

North American Plant Breeders  
Brookston, Indiana

N.K. SS-1, Vitagraze

Northrup King, Inc.  
Laurinburg, North Carolina

Wintergrazer 70, 70B, 80

Pennington Seed, Inc.  
Madison, Georgia

Wren's Abruzzi

Alabama Crop Imp. Assoc., Inc.  
Auburn, AlabamaBARLEY

Barsoy

Department of Agronomy, University of  
Kentucky, Lexington, Kentucky

Keowee, Redhill

South Carolina Crop Imp. Assoc.  
Clemson, South Carolina

McNair 601

Northrup King, Inc.  
Laurinburg, North Carolina

Volbar

Department of Agronomy, University of  
Tennessee, Knoxville, TennesseeTRITICALE

Council, Beagle

Alabama A & M University  
Normal, Alabama



