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ARKANSAS AGRICULTURAL EXPERIMENT STATION

Division of Agriculture

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ARKANSAS SMALL-GRAIN CULTIVAR PERFORMANCE TESTS¹ 2003-2004

J.T. Kelly², C.E. Parsons³, and R.K. Bacon²

INTRODUCTION

Small-grain cultivar performance tests are conducted each year in Arkansas by the Arkansas Agricultural Experiment Station, Department of Crop, Soil and Environmental Sciences. The tests provide information to companies developing cultivars and/or marketing seed within the state and aid the Arkansas Cooperative Extension Service in formulating cultivar recommendations for small-grain producers.

The tests are conducted at the Northeast Research and Extension Center at Keiser, the Vegetable Substation near Kibler, the Cotton Branch Station near Marianna, the Southeast Branch Station near Rohwer, the Rice Research and Extension Center near Stuttgart, and the Southwest Research and Extension Center at Hope. Wheat tests were planted at all locations; oat tests were planted at Marianna and Stuttgart. This year the test conducted by the personnel of the Southwest Research and Extension Center was located at Lewisville, 23 miles south of Hope.

Two wheat tests were conducted at Stuttgart. The Standard Input Wheat Test and the High Input Wheat Test contained the same entries and were treated identically with respect to cultural practices except the High Input Test received more topdress nitrogen and a foliar fungicide application. This dual approach is utilized to give information on cultivar performance under conventional and high input production strategies employed by Arkansas farmers. Specific location and cultural practice information accompanies each table.

METHODS

Each wheat test contained 100 entries, and each oat test contained 30 entries. A randomized complete block experimental design with four replications was used for all tests. Seeding rates of 105 lb/A for wheat and 64 lb/A for oat were

used to establish plots 20 feet in length and 49 inches in width (seven rows, seven inches apart). All sites used conventional seedbed preparation. Plots were end-trimmed, and harvested with a plot combine.

The stand at Keiser was poor due to heavy rains two days after planting, so the test was replanted. The second test was planted 16 days after the original using a grain drill with 9 rows seven inches apart. Due to the larger area planted (plot width) the effective seeding rate was reduced to 82 lb/A. In addition, there was not enough seed available of the entry, MD 11-52, so no data are reported for this entry at Keiser. Bird feeding affected the yield on a number of plots. Those plots with significant visual damage were discarded and not used in the yield estimate.

Characters evaluated

Yield: Yields were calculated from the weight of seed from each plot as measured by the Harvest Master Pro 4100 and are expressed as bushels per acre (bu/A) at 13% moisture content.

Test weight: Test weights, expressed in pounds per bushel (lb/bu), were determined using the Harvest Master Pro 4100.

Lodging: Lodging is reported as an estimated percentage of plants prostrate at maturity: 10 = 10% lodged; 100 = 100% lodged. The lodging ratings are usually taken at harvest, so many of the earlier maturing lines may have higher ratings resulting from a delay in harvest. Also, high lodging scores are sometimes directly associated with more seeds per head or high grain yields.

¹ Use of products and trade names in this report does not constitute a guarantee or warranty of the products named and does not signify that those products are approved to the exclusion of comparable products.

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Heading Date: Heading dates are reported as the day an estimated 50% of the heads had emerged.

Maturity Date: Maturity dates are reported as the day an estimated 90% of the culms were yellow.

Disease Ratings: Disease infections are rated visually based on the percentage of leaf or glume area displaying symptoms.

WEATHER SUMMARY

Rainfall was generally lower than normal in the fall, allowing tests to be planted during the optimum time. As previously stated excessive rainfall after planting at Keiser resulted in a second planting. Because of the later planting date and wet conditions, plant growth at Keiser was limited until the spring. Stand establishment and growth was good at all other locations.

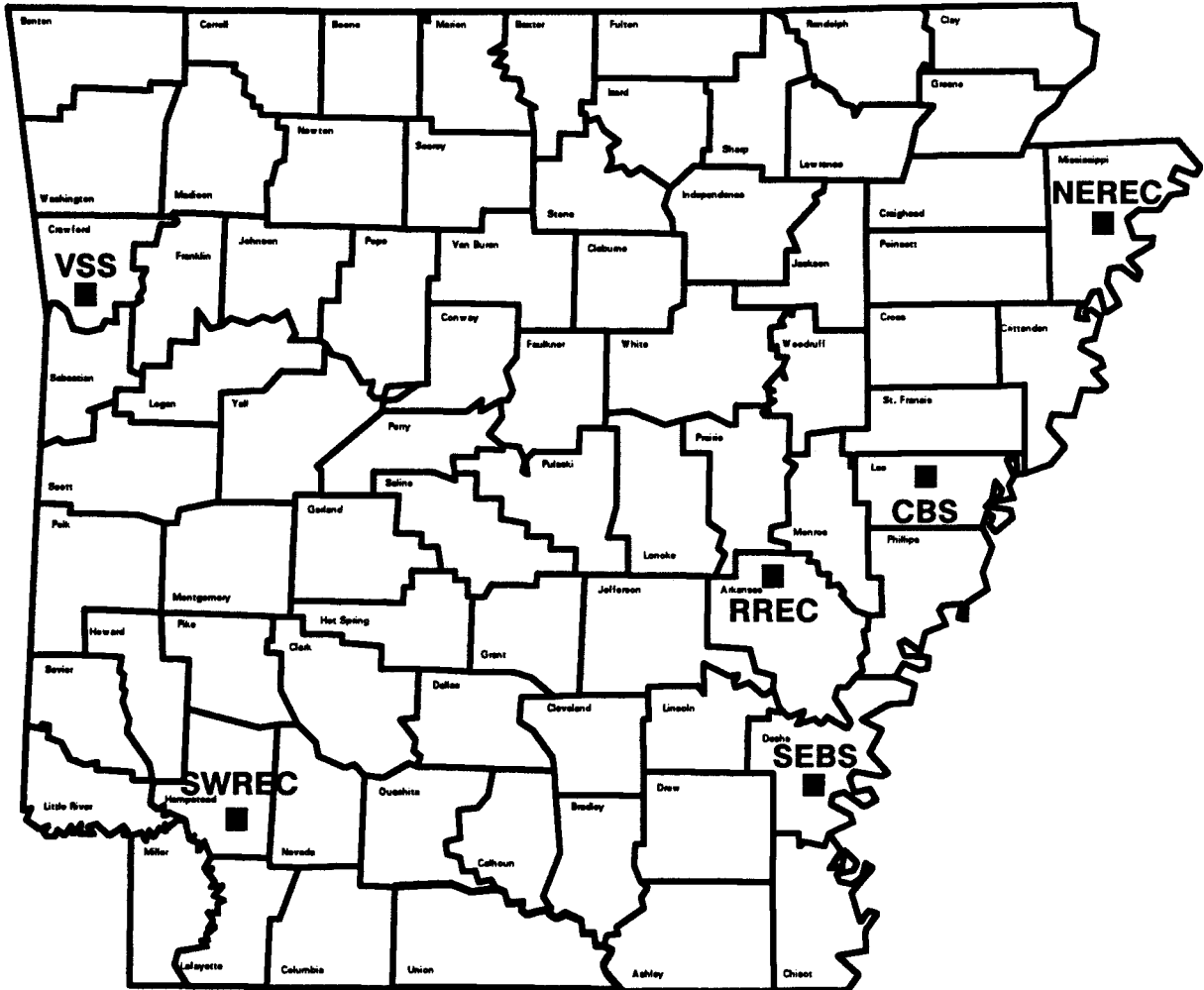
Seasonal rainfall was higher than normal at Keiser, near normal at Stuttgart and Kibler, and below normal at Marianna and Hope. Monthly rainfall totals from October through May and the departure from normal (30-year average) are given for each test. Due to frequent rains in June there was a delay of about one week in harvesting the tests at Kibler.

RESULTS

Grain yields were good for all the wheat and oat tests. The two wheat tests at Stuttgart were grazed very heavily by geese in early January but recovered to produce very high yields. Leaf rust was observed in the tests at Marianna and Stuttgart but did not appear until late and probably had little impact on yield. Leaf rust also occurred at Keiser and disease ratings were provided by Dr. Gene Milus, Department of Plant Pathology. Yields of wheat cultivars at all locations are summarized in Table 1. Yields and other agronomic measurements are given in Tables 2-7 along with cultural practice and site information including precipitation summaries. The results from the oat tests are presented in Tables 8-9.

Yields were not reported from the tests planted at Rohwer and Hope (Lewisville). The test at Rohwer was damaged by a drift of Roundup from a nearby farm. Level of damage was dependent on the growth stage of the cultivar resulting in unacceptable variation among entries. The test at Lewisville was harvested utilizing a computerized weigh system but due to a computer malfunction on the combine, the data were lost. Disease ratings for powdery mildew were taken by Dr. Gene Milus, Department of Plant Pathology, and are reported, along with available agronomic data, in Table 7.

SMALL-GRAIN TEST LOCATIONS



- VSS** - Vegetable Substation, Kibler, Arkansas
- NEREC** - Northeast Research and Extension Center, Keiser, Arkansas
- RREC** - Rice Research and Extension Center, Stuttgart, Arkansas
- SEBS** - Southeast Branch Station, Rohwer, Arkansas
- SWREC** - Southwest Research and Extension Center, Hope, Arkansas

Table 1. Summary of wheat yields in the Standard and High Input Tests at four locations.

	Standard Input				High Input
	Keiser	Kibler	Marianna	Stuttgart	Stuttgart
AGRIPRO BERETTA	66.7	55.9	92.9	95.1	103.8
AGRIPRO PANOLA	63.1	54.8	88.1	90.1	86.3
AGRIPRO L96*9266-1	62.9	56.3	99.4	89.7	94.7
AGRIPRO COOPER	67.8	59.4	106.4	83.6	88.5
AGRIPRO NATCHEZ	52.3	53.6	80.2	87.9	91.0
AGRIPRO SAVAGE	63.9	59.7	77.8	81.8	94.6
AGS 2000	61.6	62.1	95.2	78.7	92.6
AGS 2485	52.6	59.3	89.7	80.7	92.8
AR 839	55.7	49.3	91.4	82.7	80.5
AR 910-9-1	41.0	51.0	89.8	94.2	90.4
AR 93027-5-1	60.0	63.0	80.3	88.3	83.2
AR 93035-4-1	58.6	53.1	84.1	78.6	80.1
ARMOR 3035	44.0	54.7	86.8	89.1	89.8
AXR 2985	54.5	62.3	83.7	86.9	96.7
AXR 5109	62.6	59.8	85.6	87.1	89.6
AXR 5110	55.1	50.6	81.9	84.8	89.5
AXR 5111	49.4	55.5	88.4	93.2	92.2
AXR 5888	53.4	55.2	89.6	90.1	87.1
CROPLAN GENET. 514W	53.1	57.4	91.5	80.7	97.6
CROPLAN GENET. 554W	70.7	51.7	93.3	84.1	102.6
DELTA GROW 4200	52.4	61.0	89.4	93.6	95.8
DELTA GROW 4500	52.5	67.6	96.6	93.6	91.5
DELTA GROW 4888	48.5	53.6	85.9	91.4	85.8
DELTA KING 1551	55.2	61.2	87.4	84.2	84.2
DELTA KING 7710	59.9	56.7	88.9	88.0	90.6
DELTA KING 7777	55.7	61.0	82.5	84.0	90.9
DELTA KING 7830	53.8	59.5	85.3	94.6	93.1
DELTA KING 7900	48.9	64.2	88.2	93.3	86.8
DELTA KING 9216	58.1	55.6	92.4	86.1	94.9
DELTA KING 9410	50.5	67.8	93.8	90.6	99.3
DELTA KING XTJ239	59.5	51.7	90.5	85.7	101.0
DELTA KING XTJ251	71.0	54.5	91.7	98.2	99.5
DELTA KING XTJ253	68.5	48.7	102.5	92.8	105.3
DELTA KING XTJ261	53.9	60.0	83.1	76.3	90.6
DELTA KING XTJ271	51.8	65.3	89.6	95.6	95.4
DIXIE 900	58.9	63.4	88.9	89.4	90.9
DIXIE 922	53.9	58.4	92.0	92.9	96.8
DIXIE 9512	55.7	53.6	95.1	95.6	97.8
DIXIE 9812	54.3	57.5	92.5	92.4	95.8
DIXIE X949	51.1	61.1	88.5	87.4	93.6
DIXIE X959	51.3	62.0	88.4	90.9	91.8
EK EXP 150	51.8	60.7	87.3	87.2	90.9
EK EXP 160	56.5	58.5	86.6	91.7	89.4
FFR 521	57.2	65.1	83.0	91.4	99.8
FFR 522	53.3	63.0	87.1	81.2	89.2
FFR 556	58.7	71.2	93.8	78.4	95.9
FFR 8302	63.1	63.2	92.2	91.6	91.6
FFR 8309	46.2	50.0	69.0	84.6	89.5
GENESIS M86	49.6	63.2	89.3	96.6	91.8
GENESIS R023	56.3	53.6	91.4	89.6	97.0
GENESIS R033	55.6	61.5	87.6	93.3	94.5
GENESIS R043	57.3	59.9	91.7	87.5	91.9
GENESIS R047	55.9	53.1	79.6	82.9	98.6

Table 1. Summary of wheat yields in the Standard and High Input Tests at four locations (continued).

	Standard Input				High Input
	Keiser	Kibler	Marianna	Stuttgart	Stuttgart
GENESIS RO63	53.8	49.0	88.3	91.1	92.3
HBK 3030	45.1	61.2	79.7	93.3	87.3
HBK 3106	54.3	61.0	83.4	85.8	83.6
LA925C104-1-3-B-4	53.7	63.3	81.7	80.6	71.3
LA925C104-2	48.6	60.0	81.7	77.5	71.4
LA9560CA22-1	54.8	56.4	95.0	86.7	84.9
LA97113UC-124-B	52.7	60.9	85.8	76.0	69.5
LIGHTHOUSE	61.2	54.7	87.0	88.4	88.5
McCORMICK	62.5	61.3	85.8	86.4	82.3
MD 11-52	-	57.6	92.7	74.2	78.3
NK B970051	61.1	56.5	88.5	83.2	101.9
NK COKER 9152	50.8	47.2	90.6	82.9	77.2
NK COKER 9375	61.2	54.6	81.4	91.8	93.5
NK COKER 9663	50.5	64.2	89.1	84.7	93.3
PAT	54.3	58.4	80.2	89.3	84.1
PIONEER 2552	66.4	64.8	88.1	84.5	94.3
PIONEER 26R12	67.9	49.9	93.5	77.5	78.1
PIONEER 26R15	72.5	60.4	91.6	93.4	97.6
PIONEER 26R58	68.9	59.7	94.4	83.1	94.4
PIONEER BRAND 26R24	55.6	60.5	94.4	87.9	89.7
PROGENY 110	50.9	63.9	84.6	89.9	95.3
PROGENY 133	54.3	59.8	81.7	95.8	92.6
PROGENY 145	52.4	64.2	85.2	87.6	98.6
PROGENY 156	55.5	53.6	76.4	81.3	85.8
PROGENY 166	48.1	45.9	92.1	88.9	91.2
RENWOOD 3706	58.5	62.3	82.1	82.7	89.8
ROANE	61.5	61.0	82.1	75.7	87.8
SABBE	59.4	43.6	83.7	84.2	89.5
SOUTH. STATES SS 535	48.1	59.0	92.3	82.3	95.7
SOUTH. STATES SS520	42.3	57.5	84.9	83.9	104.1
SOUTH. STATES SS560	61.4	55.7	85.6	89.7	108.6
TERRAL LA841	60.5	52.9	90.7	81.2	79.5
TERRAL TV8450	51.3	60.3	89.4	98.5	95.7
TERRAL TV8466	56.9	60.6	85.9	87.9	96.8
TERRAL TV8502	53.4	49.7	95.6	84.3	99.2
TERRAL TV8565	47.7	56.2	87.3	105.8	98.0
TERRAL TVX81H04	58.3	55.0	91.6	92.2	101.9
TERRAL TVX82H01	51.8	56.0	88.3	94.1	99.6
TERRAL TVX82P201	63.5	53.0	86.7	96.8	87.5
UGA 931233-E17	52.2	56.5	84.2	85.4	91.0
USG 3209	56.9	54.9	91.3	87.9	82.3
USG 3350	51.3	57.0	94.8	91.7	96.4
USG 3430	56.1	53.7	90.6	89.1	88.2
USG 3592	61.2	50.4	88.8	87.4	90.3
USG EXP 370	62.5	51.5	100.6	89.9	98.6
VA97W-024	58.2	48.7	94.3	94.4	86.5
VIGORO TRIBUTE	57.1	56.3	81.9	80.3	94.8
Grand mean	56.2	57.5	88.3	87.7	91.5
LSD (5%)	8.3	13.7	10.2	11.3	11.3
C.V. (%)	10.7	17.2	8.3	9.3	8.9

**STANDARD INPUT WHEAT TEST
NORTHEAST RESEARCH & EXTENSION CENTER, KEISER, AR**

SOIL SERIES....Sharkey silty clay
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 24, 2003
 FERTILIZER....51 lb N/A on Feb. 23, 2004; 80 lb N/A on March 23, 2004
 HERBICIDE....0.5 pt/A Harmony Extra, 1.5 pt/A 2, 4-D Ester on March 11, 2004
 INSECTICIDE....None
 HARVEST DATE....June 8, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	5.2	5.9	3.0	2.8	3.6	4.2	6.3	6.5	37.4
Normal	2.4	4.1	4.7	3.4	3.0	4.8	5.1	5.3	32.8
Departure	2.8	1.8	-1.7	-0.6	0.6	-0.6	1.2	1.2	4.6

Table 2. Performance of Wheat Cultivars in the Standard Input Test, Keiser.

Entry Name	Yield bu/A	Pt ht in	Head date	Mat. date	Leaf rust %
PIONEER 26R15	72.5	28	4-23	5-24	3
DELTA KING XTJ251	71.0	27	4-23	5-24	7
CROPLAN GENET. 554W	70.7	28	4-24	5-23	1
PIONEER 26R58	68.9	28	4-24	5-24	3
DELTA KING XTJ253	68.5	27	4-24	5-23	8
PIONEER 26R12	67.9	28	4-25	5-25	10
AGRIPRO COOPER	67.8	29	4-25	5-24	1
AGRIPRO BERETTA	66.7	28	4-25	5-26	1
PIONEER 2552	66.4	30	4-24	5-25	10
AGRIPRO SAVAGE	63.9	31	4-23	5-22	3
TERRAL TVX82P201	63.5	29	4-22	5-23	8
AGRIPRO PANOLA	63.1	29	4-22	5-23	19
FFR 8302	63.1	29	4-24	5-25	6
AGRIPRO L96*9266-1	62.9	28	4-22	5-22	1
AXR 5109	62.6	31	4-24	5-24	3
McCORMICK	62.5	27	4-25	5-24	0
USG EXP 370	62.5	25	4-22	5-22	2
AGS 2000	61.6	30	4-20	5-22	0
ROANE	61.5	26	4-25	5-26	1
SOUTH. STATES SS560	61.4	28	4-24	5-24	1
USG 3592	61.2	29	4-24	5-22	0
LIGHTHOUSE	61.2	28	4-23	5-24	9
NK COKER 9375	61.2	31	4-25	5-24	1
NK B970051	61.1	28	4-24	5-24	2
TERRAL LA841	60.5	26	4-21	5-21	1
AR 93027-5-1	60.0	29	4-21	5-23	4
DELTA KING 7710	59.9	29	4-25	5-26	14
DELTA KING XTJ239	59.5	29	4-25	5-26	7

Table 2. (continued).

Entry Name	Yield bu/A	Pt ht in	Head date	Mat. date	Leaf rust %
SABBE	59.4	28	4-24	5-25	19
DIXIE 900	58.9	33	4-22	5-23	3
FFR 556	58.7	27	4-24	5-23	5
AR 93035-4-1	58.6	28	4-24	5-25	7
RENWOOD 3706	58.5	26	4-23	5-23	2
TERRAL TVX81H04	58.3	32	4-22	5-23	12
VA97W-024	58.2	26	4-23	5-23	15
DELTA KING 9216	58.1	30	4-24	5-25	2
GENESIS R043	57.3	30	4-21	5-22	4
FFR 521	57.2	29	4-20	5-22	4
VIGORO TRIBUTE	57.1	27	4-23	5-24	1
USG 3209	56.9	26	4-20	5-21	7
TERRAL TV8466	56.9	28	4-24	5-24	8
EK EXP 160	56.5	32	4-24	5-24	2
GENESIS R023	56.3	31	4-21	5-21	1
USG 3430	56.1	33	4-21	5-23	4
GENESIS RO47	55.9	29	4-22	5-21	2
AR 839	55.7	29	4-24	5-26	11
DELTA KING 7777	55.7	31	4-24	5-25	14
DIXIE 9512	55.7	32	4-21	5-21	1
GENESIS R033	55.6	32	4-22	5-22	3
PIONEER BRAND 26R24	55.6	28	4-22	5-22	3
PROGENY 156	55.5	32	4-23	5-24	1
DELTA KING 1551	55.2	28	4-25	5-26	9
AXR 5110	55.1	27	4-25	5-26	4
LA9560CA22-1	54.8	29	4-22	5-24	0
AXR 2985	54.5	32	4-23	5-23	3
HBK 3106	54.3	30	4-21	5-22	2
PROGENY 133	54.3	32	4-23	5-23	10
DIXIE 9812	54.3	32	4-21	5-22	1
PAT	54.3	30	4-28	5-28	3
DELTA KING XTJ261	53.9	28	4-23	5-23	0
DIXIE 922	53.9	31	4-23	5-23	3
GENESIS RO63	53.8	31	4-21	5-21	2
DELTA KING 7830	53.8	31	4-22	5-22	1
LA925C104-1-3-B-4	53.7	27	4-24	5-25	1
AXR 5888	53.4	31	4-22	5-22	6
TERRAL TV8502	53.4	32	4-22	5-23	9
FFR 522	53.3	27	4-21	5-22	1
CROPLAN GENET. 514W	53.1	29	4-21	5-21	1
LA97113UC-124-B	52.7	28	4-21	5-23	0
AGS 2485	52.6	30	4-23	5-23	1
DELTA GROW 4500	52.5	31	4-23	5-23	3
PROGENY 145	52.4	30	4-21	5-21	1
DELTA GROW 4200	52.4	34	4-23	5-25	2
AGRIPRO NATCHEZ	52.3	31	4-25	5-25	0

Table 2. (continued).

Entry Name	Yield bu/A	Pt ht in	Head date	Mat. date	Leaf rust %
UGA 931233-E17	52.2	29	4-22	5-20	1
TERRAL TVX82H01	51.8	30	4-21	5-21	0
EK EXP 150	51.8	31	4-23	5-24	7
DELTA KING XTJ271	51.8	31	4-24	5-25	4
USG 3350	51.3	31	4-22	5-23	7
TERRAL TV8450	51.3	30	4-21	5-21	0
DIXIE X959	51.3	31	4-23	5-24	2
DIXIE X949	51.1	32	4-23	5-25	8
PROGENY 110	50.9	29	4-23	5-24	2
NK COKER 9152	50.8	30	4-20	5-19	1
DELTA KING 9410	50.5	31	4-23	5-23	5
NK COKER 9663	50.5	32	4-21	5-22	2
GENESIS M86	49.6	31	4-23	5-24	3
AXR 5111	49.4	30	4-21	5-22	1
DELTA KING 7900	48.9	32	4-22	5-23	3
LA925C104-2	48.6	28	4-24	5-24	4
DELTA GROW 4888	48.5	31	4-23	5-24	8
SOUTH. STATES SS 535	48.1	28	4-23	5-23	1
PROGENY 166	48.1	30	4-23	5-25	6
TERRAL TV8565	47.7	31	4-23	5-22	3
FFR 8309	46.2	28	4-23	5-25	42
HBK 3030	45.1	27	4-21	5-23	4
ARMOR 3035	44.0	32	4-23	5-24	15
SOUTH. STATES SS520	42.3	29	4-20	5-19	4
AR 910-9-1	41.0	31	4-21	5-21	1
Grand mean	56.2	29	4-23	5-23	5
LSD (5%)	8.3	3	2	2	12
C.V. (%)	10.7	7	2	2	172

Pt ht = Plant height

**STANDARD INPUT WHEAT TEST
VEGETABLE SUBSTATION, KIBLER, AR**

SOIL SERIES....Roxanna silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 23, 2003
 FERTILIZER....91 lb N/A + 24 lb S/A on February 25, 2004
 HERBICIDE APPLICATION....None
 FUNGICIDE APPLICATION....None
 HARVEST DATE....June 15, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.9	5.1	1.5	2.8	1.5	4.9	7.1	1.6	26.3
Normal	3.3	3.2	2.8	2.4	2.7	3.9	4.2	4.6	27.1
Departure	-1.4	1.9	-1.4	0.4	-1.2	1.0	2.9	-3.0	-0.8

Table 3. Performance of Wheat Cultivars in the Standard Input Test, Kibler.

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Pt ht in	Head date	Mat. date	2-Yr avg ----bu/A----	3-Yr avg
FFR 556	71.2	52.7	70	38	4-17	5-25	71.7	66.4
DELTA KING 9410	67.8	52.9	3	42	4-19	5-26	68.2	71.6
DELTA GROW 4500	67.6	54.3	6	42	4-18	5-24	67.0	
DELTA KING XTJ271	65.3	51.8	28	41	4-19	5-26		
FFR 521	65.1	51.3	4	38	4-14	5-24		
PIONEER 2552	64.8	52.2	13	41	4-17	5-26		
DELTA KING 7900	64.2	49.9	74	42	4-19	5-25	65.3	67.9
NK COKER 9663	64.2	50.3	83	42	4-17	5-28	64.6	66.5
PROGENY 145	64.2	51.9	84	41	4-18	5-25	65.2	67.1
PROGENY 110	63.9	50.0	98	42	4-19	5-26	62.2	
DIXIE 900	63.4	49.8	1	43	4-18	5-26	66.5	70.0
LA925C104-1-3-B-4	63.3	49.5	45	36	4-20	5-28		
FFR 8302	63.2	49.7	4	41	4-17	5-27		
GENESIS M86	63.2	52.2	4	42	4-19	5-25	65.8	
FFR 522	63.0	52.0	30	39	4-17	5-24		
AR 93027-5-1	63.0	52.0	3	36	4-20	5-26		
AXR 2985	62.3	50.2	4	44	4-18	5-26		
RENWOOD 3706	62.3	51.5	13	38	4-13	5-22	64.4	
AGS 2000	62.1	52.0	80	38	4-14	5-23	66.1	66.9
DIXIE X959	62.0	51.8	3	42	4-19	5-27		
GENESIS R033	61.5	49.9	28	42	4-19	5-25	67.0	
McCORMICK	61.3	53.4	19	35	4-15	5-24	63.4	67.1
HBK 3030	61.2	51.6	1	37	4-15	5-24	60.3	59.2
DELTA KING 1551	61.2	51.6	19	37	4-18	5-26	61.8	61.3
DIXIE X949	61.1	50.6	6	44	4-18	5-25		
DELTA KING 7777	61.0	52.3	1	44	4-16	5-24	66.0	71.2
HBK 3106	61.0	51.3	35	39	4-16	5-22	62.5	
DELTA GROW 4200	61.0	50.1	0	42	4-18	5-24	61.1	65.5

Table 3. (continued).

Entry Name	Yield bu/A	Test	Ldg %	Pt	Head	Mat.	2-Yr	3-Yr
		wt lb/bu		ht in	date	date	avg	avg
							----bu/A----	
ROANE	61.0	51.2	24	38	4-18	5-24	65.0	64.8
LA97113UC-124-B	60.9	51.2	14	42	4-16	5-25		
EK EXP 150	60.7	51.9	79	43	4-19	5-25		
TERRAL TV8466	60.6	50.9	1	39	4-19	5-27	64.0	63.5
PIONEER BRAND 26R24	60.5	50.1	85	39	4-18	5-25	63.5	62.7
PIONEER 26R15	60.4	50.2	44	41	4-16	5-25		
TERRAL TV8450	60.3	49.1	4	43	4-17	5-25	61.3	64.9
DELTA KING XTJ261	60.0	51.5	34	40	4-16	5-26		
LA925C104-2	60.0	50.1	45	36	4-19	5-27		
GENESIS R043	59.9	50.8	29	42	4-18	5-25	65.6	
PROGENY 133	59.8	50.2	3	41	4-18	5-27		
AXR 5109	59.8	49.9	90	43	4-20	5-27		
AGRIPRO SAVAGE	59.7	51.6	19	40	4-18	5-23	67.1	74.0
PIONEER 26R58	59.7	51.7	1	38	4-15	5-24	61.5	63.6
DELTA KING 7830	59.5	50.1	29	43	4-17	5-25		
AGRIPRO COOPER	59.4	52.1	51	38	4-16	5-24		
AGS 2485	59.3	50.1	55	39	4-16	5-25	60.1	62.1
SOUTH. STATES SS 535	59.0	50.0	25	37	4-19	5-25	61.4	61.9
EK EXP 160	58.5	50.6	30	41	4-19	5-25		
PAT	58.4	49.2	3	42	4-20	5-27	64.7	69.0
DIXIE 922	58.4	51.3	18	43	4-19	5-25	59.3	63.4
MD 11-52	57.6	53.0	13	34	4-16	5-23		
DIXIE 9812	57.5	49.0	5	42	4-16	5-23	63.3	
SOUTH. STATES SS520	57.5	48.2	28	41	4-13	5-21	52.8	53.5
CROPLAN GENET. 514W	57.4	49.6	55	40	4-13	5-23	47.4	
USG 3350	57.0	49.7	31	41	4-19	5-26	63.6	
DELTA KING 7710	56.7	48.0	18	41	4-18	5-25		
NK B970051	56.5	48.3	3	36	4-21	5-27		
UGA 931233-E17	56.5	52.4	75	39	4-16	5-25		
LA9560CA22-1	56.4	50.6	18	43	4-16	5-29		
AGRIPRO L96*9266-1	56.3	51.3	84	39	4-17	5-24		
VIGORO TRIBUTE	56.3	51.3	70	37	4-15	5-26	62.2	65.7
TERRAL TV8565	56.2	51.3	4	43	4-18	5-25	58.3	61.3
TERRAL TVX82H01	56.0	51.5	66	43	4-17	5-22	61.1	
AGRIPRO BERETTA	55.9	48.6	3	37	4-20	5-27	66.0	
SOUTH. STATES SS560	55.7	51.7	20	38	4-19	5-24	62.6	
DELTA KING 9216	55.6	49.5	5	42	4-18	5-26	57.6	59.9
AXR 5111	55.5	48.3	34	42	4-18	5-23	63.8	
AXR 5888	55.2	48.5	56	42	4-19	5-25	62.9	
TERRAL TVX81H04	55.0	48.4	74	42	4-19	5-25	59.6	
USG 3209	54.9	49.2	90	36	4-17	5-24	64.2	64.4
AGRIPRO PANOLA	54.8	49.1	28	37	4-15	5-22		
LIGHTHOUSE	54.7	47.5	26	39	4-18	5-28		
ARMOR 3035	54.7	50.5	54	42	4-19	5-26	59.2	61.7
NK COKER 9375	54.6	48.8	84	39	4-19	5-23	58.7	
DELTA KING XTJ251	54.5	46.8	14	41	4-16	5-25		

Table 3. (continued).

Entry Name	Yield bu/A	Test		Ldg %	Pt ht in	Head date	Mat. date	2-Yr 3-Yr	
		wt lb/bu						avg ----bu/A----	avg
USG 3430	53.7	49.3	84	43	4-18	5-25	59.2		
AGRIPRO NATCHEZ	53.6	47.6	13	42	4-19	5-27	60.4	66.2	
GENESIS R023	53.6	50.5	86	42	4-18	5-26	63.9	70.8	
DIXIE 9512	53.6	50.8	3	42	4-18	5-25	62.9	65.3	
DELTA GROW 4888	53.6	49.7	3	41	4-19	5-24	55.9	61.1	
PROGENY 156	53.6	50.2	56	41	4-19	5-26	58.2	58.4	
GENESIS RO47	53.1	51.5	86	41	4-14	5-23			
AR 93035-4-1	53.1	48.3	24	40	4-18	5-28			
TERRAL TVX82P201	53.0	51.1	53	40	4-13	5-24			
TERRAL LA841	52.9	48.1	84	39	4-17	5-23	56.0	58.2	
CROPLAN GENET. 554W	51.7	49.3	54	37	4-18	5-24	60.4	62.7	
DELTA KING XTJ239	51.7	48.9	1	43	4-16	5-25			
USG EXP 370	51.5	50.4	39	38	4-14	5-23			
AR 910-9-1	51.0	49.9	40	41	4-18	5-26	56.9	58.5	
AXR 5110	50.6	49.1	3	42	4-17	5-25			
USG 3592	50.4	49.6	99	40	4-20	5-24	58.0		
FFR 8309	50.0	48.8	4	41	4-18	5-28			
PIONEER 26R12	49.9	48.4	46	38	4-19	5-26	58.5		
TERRAL TV8502	49.7	49.8	1	43	4-18	5-26	56.5		
AR 839	49.3	50.0	8	42	4-17	5-23	59.0	64.2	
GENESIS RO63	49.0	43.3	1	42	4-18	5-23			
VA97W-024	48.7	49.8	1	39	4-15	5-23			
DELTA KING XTJ253	48.7	47.3	34	39	4-17	5-25			
NK COKER 9152	47.2	50.6	83	43	4-15	5-25	55.8	63.7	
PROGENY 166	45.9	44.4	30	41	4-19	5-26	54.4	62.9	
SABBE	43.6	48.1	23	38	4-20	5-29	53.5	58.5	
Grand mean	57.5	50.2	34	40	4-17	5-25	61.6	64.2	
LSD (5%)	13.7	4.8	6	2	2	2	11.0	9.6	
C.V. (%)	17.2	6.9	12	4	3	2	14.0	13.1	

Ldg = Lodging

Pt ht = Plant height

**STANDARD INPUT WHEAT TEST
COTTON BRANCH STATION, MARIANNA, AR**

SOIL SERIES....Loring silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 22, 2003
 FERTILIZER....91 lb N/A + 24 lb S/A on Feb. 20, 2004; 60 lb N/A on March 10, 2004
 HERBICIDE....0.6 oz/A Harmony Extra
 INSECTICIDE....None
 HARVEST DATE....June 10, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.0	5.0	1.0	4.0	4.5	4.2	4.2	6.9	30.8
Normal	3.0	4.4	4.8	4.4	4.1	5.4	5.5	5.2	36.8
Departure	-2.0	0.6	-3.8	-0.4	0.4	-1.2	-1.3	1.7	-6.0

Table 4. Performance of Wheat Cultivars in the Standard Input Test, Marianna.

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Pt ht in	Head date	2-Yr avg ----bu/A----	3-Yr avg
AGRIPRO COOPER	106.4	56.5	1	37	4-18		
DELTA KING XTJ253	102.5	58.2	6	38	4-17		
USG EXP 370	100.6	59.1	3	34	4-15		
AGRIPRO L96*9266-1	99.4	57.5	16	38	4-11		
DELTA GROW 4500	96.6	57.4	4	41	4-15	84.4	
TERRAL TV8502	95.6	58.6	3	42	4-16	82.2	
AGS 2000	95.2	57.8	6	37	4-08	84.8	82.2
DIXIE 9512	95.1	59.9	5	42	4-13	82.2	79.4
LA9560CA22-1	95.0	58.6	2	41	4-14		
USG 3350	94.8	58.0	4	42	4-17	84.9	
PIONEER BRAND 26R24	94.4	55.1	16	37	4-13	81.6	78.7
PIONEER 26R58	94.4	56.6	0	35	4-15	80.3	78.3
VA97W-024	94.3	56.8	16	38	4-16		
DELTA KING 9410	93.8	57.5	6	42	4-16	81.6	82.6
FFR 556	93.8	56.0	5	36	4-17	80.9	83.0
PIONEER 26R12	93.5	58.8	1	39	4-17	81.6	
CROPLAN GENET. 554W	93.3	54.4	21	37	4-16	83.4	83.9
AGRIPRO BERETTA	92.9	56.3	3	38	4-18	79.8	
MD 11-52	92.7	58.3	1	32	4-12		
DIXIE 9812	92.5	60.0	6	41	4-14	81.6	
DELTA KING 9216	92.4	58.0	7	41	4-17	81.0	76.7
SOUTH. STATES SS 535	92.3	59.3	17	37	4-15	81.0	80.7
FFR 8302	92.2	56.7	0	38	4-18		
PROGENY 166	92.1	57.6	4	41	4-16	82.1	82.6
DIXIE 922	92.0	58.2	4	41	4-16	80.4	80.7
GENESIS R043	91.7	58.8	1	41	4-13	79.3	
DELTA KING XTJ251	91.7	55.6	1	39	4-17		
TERRAL TVX81H04	91.6	59.6	1	40	4-14	79.2	

Table 4. (continued).

Entry Name	Yield bu/A	Test		Pt ht in	Head date	2-Yr avg ----bu/A----	3-Yr avg
		wt lb/bu	Ldg %				
PIONEER 26R15	91.6	58.2	0	39	4-17		
CROPLAN GENET. 514W	91.5	57.7	5	38	4-09	81.0	
GENESIS R023	91.4	58.8	4	40	4-13	81.5	83.1
AR 839	91.4	56.9	0	39	4-17	80.9	79.1
USG 3209	91.3	56.3	19	33	4-11	81.5	81.9
TERRAL LA841	90.7	55.9	3	37	4-10	80.1	74.5
NK COKER 9152	90.6	56.6	20	41	4-12	83.8	81.3
USG 3430	90.6	58.8	5	43	4-14	81.9	
DELTA KING XTJ239	90.5	57.8	0	39	4-17		
AR 910-9-1	89.8	57.2	3	41	4-14	82.4	78.1
AGS 2485	89.7	58.7	2	38	4-02	79.3	79.0
DELTA KING XTJ271	89.6	58.3	4	41	4-17		
AXR 5888	89.6	56.6	5	41	4-14	81.5	
TERRAL TV8450	89.4	58.8	3	42	4-14	80.4	77.1
DELTA GROW 4200	89.4	58.9	3	41	4-15	81.7	82.6
GENESIS M86	89.3	57.7	6	41	4-16	80.6	
NK COKER 9663	89.1	58.5	29	42	4-14	80.4	78.2
DIXIE 900	88.9	58.7	1	40	4-17	80.6	82.3
DELTA KING 7710	88.9	58.2	1	43	4-17		
USG 3592	88.8	57.9	33	40	4-16	76.6	
DIXIE X949	88.5	57.7	12	42	4-16		
NK B970051	88.5	54.0	7	34	4-20		
AXR 5111	88.4	58.6	5	41	4-12	78.4	
DIXIE X959	88.4	58.6	2	41	4-15		
TERRAL TVX82H01	88.3	58.6	5	40	4-13	84.2	
GENESIS R063	88.3	59.3	6	41	4-13		
DELTA KING 7900	88.2	58.0	2	41	4-15	76.4	76.8
AGRIPRO PANOLA	88.1	57.4	8	37	4-13		
PIONEER 2552	88.1	56.9	1	38	4-18		
GENESIS R033	87.6	58.5	1	42	4-16	78.1	
DELTA KING 1551	87.4	55.7	4	36	4-18	79.4	76.5
TERRAL TV8565	87.3	57.6	3	41	4-16	76.0	74.1
EK EXP 150	87.3	58.2	0	42	4-17		
FFR 522	87.1	58.2	3	39	4-12		
LIGHTHOUSE	87.0	57.3	1	38	4-16		
ARMOR 3035	86.8	57.4	9	41	4-17	78.7	76.9
TERRAL TVX82P201	86.7	57.0	11	37	4-11		
EK EXP 160	86.6	57.7	4	40	4-16		
TERRAL TV8466	85.9	56.8	5	37	4-18	83.4	79.1
DELTA GROW 4888	85.9	57.3	1	42	4-16	77.4	76.4
LA97113UC-124-B	85.8	58.6	0	37	4-14		
McCORMICK	85.8	58.1	13	34	4-17	76.2	77.3
AXR 5109	85.6	57.9	2	43	4-17		
SOUTH. STATES SS560	85.6	55.1	21	37	4-17	79.3	
DELTA KING 7830	85.3	58.9	7	41	4-14		
PROGENY 145	85.2	59.4	6	41	4-13	76.7	75.9

Table 4. (continued).

Entry Name	Yield bu/A	Test	Ldg %	Pt	Head	2-Yr	3-Yr
		wt lb/bu		ht in	date	avg	avg
						----bu/A----	
SOUTH. STATES SS520	84.9	55.5	6	38	4-10	76.7	77.2
PROGENY 110	84.6	58.0	3	41	4-13	76.6	
UGA 931233-E17	84.2	57.8	10	39	4-13		
AR 93035-4-1	84.1	56.9	1	37	4-17		
SABBE	83.7	54.5	1	40	4-18	77.4	75.5
AXR 2985	83.7	57.9	5	40	4-17		
HBK 3106	83.4	56.9	8	40	4-12	76.3	
DELTA KING XTJ261	83.1	57.7	0	37	4-16		
FFR 521	83.0	53.1	2	34	4-12		
DELTA KING 7777	82.5	55.5	4	41	4-17	77.4	78.3
ROANE	82.1	58.8	12	37	4-17	78.1	76.5
RENWOOD 3706	82.1	57.9	0	36	4-14	75.6	
AXR 5110	81.9	57.4	0	37	4-16		
VIGORO TRIBUTE	81.9	59.5	2	33	4-15	76.8	73.8
PROGENY 133	81.7	57.3	6	41	4-16		
LA925C104-2	81.7	56.0	41	35	4-18		
LA925C104-1-3-B-4	81.7	55.6	64	36	4-14		
NK COKER 9375	81.4	53.5	5	40	4-16	76.0	
AR 93027-5-1	80.3	54.4	0	37	4-16		
AGRIPRO NATCHEZ	80.2	53.7	23	39	4-18	76.2	82.4
PAT	80.2	55.6	0	41	4-19	72.1	72.5
HBK 3030	79.7	57.1	4	34	4-14	74.5	74.0
GENESIS RO47	79.6	56.8	25	37	4-13		
AGRIPRO SAVAGE	77.8	58.5	9	37	4-18	71.7	76.5
PROGENY 156	76.4	56.5	1	41	4-18	75.6	73.3
FFR 8309	69.0	54.6	3	36	4-18		
Grand mean	88.3	57.4	7	39	4-15	79.5	78.5
LSD (5%)	10.2	1.6	12	2	3	8.2	8.3
C.V. (%)	8.3	2.1	126	4	4	8.9	8.6

Ldg = Lodging

Pt ht = Plant height

**STANDARD INPUT WHEAT TEST
RICE RESEARCH & EXTENSION CENTER, STUTTGART, AR**

SOIL SERIES....Crowley silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 15, 2003
 FERTILIZER....60 lb N/A on Feb. 19, 2004; 40 lb N/A on March 9, 2004
 HERBICIDE.....2.0 oz/A Sencor 75DF on November 11, 2003
 INSECTICIDE....4.0 oz/A Warrior-T on November 12, 2003
 HARVEST DATE....May 27, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.0	3.8	2.2	5.2	6.6	5.6	5.1	6.5	35.9
Normal	2.7	4.4	4.6	4.0	4.0	5.1	5.2	4.7	34.7
Departure	-1.7	-0.6	-2.4	1.2	2.6	0.5	-0.1	1.8	1.2

Table 5. Performance of Wheat Cultivars in the Standard Input Test, Stuttgart.

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Head date	Mat. date	2-Yr avg ----bu/A----	3-Yr avg
TERRAL TV8565	105.8	61.8	0	4-18	5-16	97.7	94.3
TERRAL TV8450	98.5	61.4	0	4-13	5-14	96.9	93.5
DELTA KING XTJ251	98.2	59.8	0	4-18	5-19		
TERRAL TVX82P201	96.8	58.9	0	4-17	5-18		
GENESIS M86	96.6	61.1	0	4-17	5-15	95.2	
PROGENY 133	95.8	58.7	0	4-16	5-15		
DELTA KING XTJ271	95.6	61.3	0	4-18	5-15		
DIXIE 9512	95.6	61.2	0	4-15	5-15	95.3	92.2
AGRIPRO BERETTA	95.1	60.7	0	4-22	5-17	97.2	
DELTA KING 7830	94.6	61.3	0	4-15	5-14		
VA97W-024	94.4	59.1	0	4-18	5-12		
AR 910-9-1	94.2	59.2	0	4-14	5-16	91.4	89.4
TERRAL TVX82H01	94.1	61.1	0	4-14	5-15	92.0	
DELTA GROW 4500	93.6	61.8	0	4-15	5-16	91.8	
DELTA GROW 4200	93.6	59.2	0	4-17	5-17	91.3	91.4
PIONEER 26R15	93.4	59.6	0	4-19	5-16		
GENESIS R033	93.3	61.4	0	4-14	5-14	93.2	
DELTA KING 7900	93.3	60.3	0	4-15	5-15	91.3	90.1
HBK 3030	93.3	58.4	0	4-16	5-14	91.1	90.0
AXR 5111	93.2	59.8	0	4-15	5-14	91.1	
DIXIE 922	92.9	61.1	0	4-16	5-15	91.0	88.9
DELTA KING XTJ253	92.8	61.8	0	4-18	5-15		
DIXIE 9812	92.4	61.3	0	4-15	5-14	91.3	
TERRAL TVX81H04	92.2	61.4	0	4-15	5-16	91.6	
NK COKER 9375	91.8	58.1	0	4-19	5-15	92.4	
EK EXP 160	91.7	61.0	0	4-16	5-15		
USG 3350	91.7	61.3	0	4-16	5-15	89.3	
FFR 8302	91.6	61.5	0	4-18	5-17		

Table 5. (continued).

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Head date	Mat. date	2-Yr	3-Yr
						avg	avg
						----bu/A----	
FFR 521	91.4	58.0	0	4-14	5-18		
DELTA GROW 4888	91.4	61.4	0	4-17	5-17	92.0	89.9
GENESIS R063	91.1	61.0	0	4-14	5-15		
DIXIE X959	90.9	60.9	0	4-18	5-17		
DELTA KING 9410	90.6	60.9	0	4-16	5-16	90.9	90.6
AXR 5888	90.1	60.9	0	4-16	5-15	90.8	
AGRIPRO PANOLA	90.1	60.9	0	4-17	5-16		
PROGENY 110	89.9	61.4	0	4-15	5-15	90.5	
USG EXP 370	89.9	61.3	0	4-20	5-14		
SOUTH. STATES SS560	89.7	58.1	0	4-22	5-17	92.3	
AGRIPRO L96*9266-1	89.7	60.1	0	4-15	5-16		
GENESIS R023	89.6	61.8	0	4-15	5-14	91.4	91.8
DIXIE 900	89.4	60.4	0	4-17	5-15	90.8	89.7
PAT	89.3	61.3	0	4-21	5-19	85.4	85.8
ARMOR 3035	89.1	60.8	0	4-17	5-16	87.2	86.2
USG 3430	89.1	61.7	0	4-16	5-14	90.0	
PROGENY 166	88.9	60.7	0	4-16	5-17	87.1	89.2
LIGHTHOUSE	88.4	60.1	0	4-20	5-20		
AR 93027-5-1	88.3	60.5	0	4-15	5-17		
DELTA KING 7710	88.0	59.5	0	4-21	5-19		
PIONEER BRAND 26R24	87.9	61.0	0	4-18	5-14	88.1	84.8
TERRAL TV8466	87.9	57.3	0	4-19	5-18	89.6	87.9
AGRIPRO NATCHEZ	87.9	59.3	0	4-20	5-16	83.3	84.4
USG 3209	87.9	60.4	0	4-17	5-17	87.5	83.5
PROGENY 145	87.6	60.8	0	4-14	5-14	89.1	89.2
GENESIS R043	87.5	61.7	0	4-16	5-15	86.3	
USG 3592	87.4	60.3	3	4-17	5-15	86.9	
DIXIE X949	87.4	60.9	0	4-21	5-18		
EK EXP 150	87.2	61.0	0	4-18	5-16		
AXR 5109	87.1	59.7	0	4-19	5-17		
AXR 2985	86.9	59.6	0	4-18	5-15		
LA9560CA22-1	86.7	62.3	0	4-19	*		
McCORMICK	86.4	61.9	0	4-19	5-18	86.8	84.5
DELTA KING 9216	86.1	60.7	0	4-21	5-17	88.3	87.0
HBK 3106	85.8	60.9	0	4-15	5-16	86.4	
DELTA KING XTJ239	85.7	60.9	0	4-18	5-17		
UGA 931233-E17	85.4	61.1	0	4-14	5-13		
AXR 5110	84.8	61.5	0	4-19	5-16		
NK COKER 9663	84.7	60.3	5	4-18	5-19	85.4	81.0
FFR 8309	84.6	60.8	0	4-21	*		
PIONEER 2552	84.5	60.5	0	4-20	5-20		
TERRAL TV8502	84.3	60.4	0	4-16	5-17	88.7	
SABBE	84.2	57.5	0	4-22	5-19	87.4	85.4
DELTA KING 1551	84.2	59.9	0	4-18	5-18	85.3	84.2
CROPLAN GENET. 554W	84.1	57.6	0	4-22	5-18	91.7	87.4
DELTA KING 7777	84.0	56.6	0	4-22	5-21	87.7	86.5

Table 5. (continued).

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Head date	Mat. date	2-Yr	3-Yr
						avg	avg
						----bu/A----	
SOUTH. STATES SS520	83.9	58.8	0	4-16	5-13	87.3	79.7
AGRIPRO COOPER	83.6	59.9	0	4-22	5-16		
NK B970051	83.2	60.2	0	4-22	5-14		
PIONEER 26R58	83.1	58.0	0	4-21	5-17	85.1	87.0
NK COKER 9152	82.9	61.3	3	4-17	5-18	84.0	83.9
GENESIS RO47	82.9	60.2	0	4-16	5-14		
AR 839	82.7	59.7	0	4-17	5-16	81.3	82.0
RENWOOD 3706	82.7	60.3	0	4-19	5-13	86.0	
SOUTH. STATES SS 535	82.3	61.5	0	4-17	5-17	82.0	81.3
AGRIPRO SAVAGE	81.8	61.7	0	4-22	5-16	84.9	87.0
PROGENY 156	81.3	60.8	0	4-19	5-16	83.4	78.1
TERRAL LA841	81.2	61.2	0	4-16	5-16	81.6	78.0
FFR 522	81.2	61.5	0	4-18	5-16		
AGS 2485	80.7	59.3	0	4-16	5-16	84.5	80.4
CROPLAN GENET. 514W	80.7	59.4	0	4-14	5-14	87.8	
LA925C104-1-3-B-4	80.6	60.8	6	4-18	*		
VIGORO TRIBUTE	80.3	60.7	0	4-20	5-19	83.1	80.3
AGS 2000	78.7	60.5	0	4-14	5-16	83.8	83.7
AR 93035-4-1	78.6	58.8	0	4-21	5-18		
FFR 556	78.4	57.8	0	4-21	5-16	90.4	86.2
PIONEER 26R12	77.5	61.0	0	4-20	5-16	79.8	
LA925C104-2	77.5	61.1	4	4-19	*		
DELTA KING XTJ261	76.3	60.7	0	4-21	5-14		
LA97113UC-124-B	76.0	60.3	0	4-19	5-19		
ROANE	75.7	62.4	0	4-22	5-19	83.7	79.9
MD 11-52	74.2	57.1	0	4-19	5-13		
Grand mean	87.7	60.4	0	4-18	5-16	88.6	86.2
LSD (5%)	11.3	2.0	2	3		9.0	8.3
C.V. (%)	9.3	2.4	611	4		8.4	8.3

Ldg = Lodging

* Matured later than 5/21

**HIGH INPUT WHEAT TEST
RICE RESEARCH & EXTENSION CENTER, STUTTGART, AR**

SOIL SERIES....Crowley silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 15, 2003
 FERTILIZER....96 lb N/A on Feb. 19, 2004; 60 lb N/A on March 9, 2004
 HERBICIDE....2.0 oz/A Sencor 75DF on November 11, 2003
 INSECTICIDE....4.0 oz/A Warrior-T on November 12, 2003
 FUNGICIDE....4.0 oz/A Tilt on April 1, 2004
 HARVEST DATE....May 27, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.0	3.8	2.2	5.2	6.6	5.6	5.1	6.5	35.9
Normal	2.7	4.4	4.6	4.0	4.0	5.1	5.2	4.7	34.7
Departure	-1.7	-0.6	-2.4	1.2	2.6	0.5	-0.1	1.8	1.2

Table 6. Performance of Wheat Cultivars in the High Input Test, Stuttgart.

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Head date	Mat. date	2-Yr avg ----bu/A----	3-Yr avg
SOUTH. STATES SS560	108.6	60.5	0	4-22	5-18	101.7	
DELTA KING XTJ253	105.3	62.1	3	4-17	5-15		
SOUTH. STATES SS520	104.1	61.8	0	4-12	5-11	100.8	92.9
AGRIPRO BERETTA	103.8	61.3	0	4-22	5-20	99.3	
CROPLAN GENET. 554W	102.6	60.9	3	4-21	5-17	102.8	100.1
NK B970051	101.9	59.8	1	4-23	5-18		
TERRAL TVX81H04	101.9	60.4	0	4-17	5-18	99.2	
DELTA KING XTJ239	101.0	62.4	0	4-19	5-20		
FFR 521	99.8	59.3	0	4-16	5-17		
TERRAL TVX82H01	99.6	61.5	1	4-17	5-18	98.8	
DELTA KING XTJ251	99.5	61.6	0	4-16	5-20		
DELTA KING 9410	99.3	61.5	0	4-21	5-20	98.9	94.6
TERRAL TV8502	99.2	61.0	0	4-16	5-18	97.2	
GENESIS R047	98.6	61.6	5	4-17	5-17		
USG EXP 370	98.6	62.7	1	4-17	5-16		
PROGENY 145	98.6	62.0	0	4-16	5-17	91.9	90.8
TERRAL TV8565	98.0	60.8	1	4-18	5-19	98.4	94.7
DIXIE 9512	97.8	59.8	0	4-18	5-19	96.3	91.1
CROPLAN GENET. 514W	97.6	62.3	1	4-14	5-12	97.0	
PIONEER 26R15	97.6	61.4	0	4-18	5-20		
GENESIS R023	97.0	61.7	0	4-18	5-20	95.9	95.6
DIXIE 922	96.8	60.8	0	4-20	5-19	94.5	91.2
TERRAL TV8466	96.8	60.8	1	4-21	5-20	94.6	89.8
AXR 2985	96.7	61.5	0	4-18	5-20		
USG 3350	96.4	61.3	0	4-20	5-18	96.1	
FFR 556	95.9	60.3	0	4-22	5-14	98.0	94.5
DELTA GROW 4200	95.8	61.3	0	4-20	5-18	94.7	92.2

Table 6. (continued).

Entry Name	Yield bu/A	Test wt lb/bu	Ldg %	Head date	Mat. date	2-Yr	3-Yr
						avg	avg
						----bu/A----	
DIXIE 9812	95.8	61.4	1	4-16	5-18	96.7	
SOUTH. STATES SS 535	95.7	61.0	4	4-20	5-20	94.2	
TERRAL TV8450	95.7	61.7	0	4-16	5-17	95.9	91.5
DELTA KING XTJ271	95.4	60.3	0	4-21	5-20		
PROGENY 110	95.3	61.0	0	4-18	5-17	91.8	
DELTA KING 9216	94.9	61.1	0	4-20	5-21	96.6	92.5
VIGORO TRIBUTE	94.8	61.4	1	4-21	*	92.3	88.8
AGRIPRO L96*9266-1	94.7	60.5	0	4-17	5-17		
AGRIPRO SAVAGE	94.6	61.8	3	4-22	5-18	92.0	89.8
GENESIS R033	94.5	60.6	0	4-19	5-18	94.2	
PIONEER 26R58	94.4	60.5	0	4-17	5-16	93.5	93.0
PIONEER 2552	94.3	60.5	0	4-20	5-20		
DIXIE X949	93.6	59.5	4	4-21	5-17		
NK COKER 9375	93.5	58.9	1	4-20	5-18	94.1	
NK COKER 9663	93.3	61.5	1	4-18	5-20	94.7	88.7
DELTA KING 7830	93.1	62.1	0	4-19	5-17		
AGS 2485	92.8	60.4	0	4-17	5-19	98.2	92.8
PROGENY 133	92.6	60.9	0	4-20	5-17		
AGS 2000	92.6	59.7	0	4-16	5-18	96.7	92.9
GENESIS R063	92.3	61.4	0	4-15	5-17		
AXR 5111	92.2	61.8	1	4-17	5-17	94.8	
GENESIS R043	91.9	61.8	0	4-18	5-19	90.0	
GENESIS M86	91.8	60.2	0	4-20	5-18	94.9	
DIXIE X959	91.8	61.4	0	4-17	5-17		
FFR 8302	91.6	61.6	0	4-17	5-20		
DELTA GROW 4500	91.5	60.6	0	4-20	5-17	92.7	
PROGENY 166	91.2	60.9	0	4-18	5-17	94.4	91.6
AGRIPRO NATCHEZ	91.0	57.4	1	4-20	*	91.4	89.6
UGA 931233-E17	91.0	61.4	4	4-17	5-14		
DIXIE 900	90.9	60.9	0	4-19	5-19	92.6	90.2
EK EXP 150	90.9	60.3	0	4-20	5-18		
DELTA KING 7777	90.9	57.6	1	4-20	5-21	93.3	92.3
DELTA KING 7710	90.6	61.5	0	4-20	5-18		
DELTA KING XTJ261	90.6	61.2	0	4-21	5-15		
AR 910-9-1	90.4	60.0	0	4-19	5-19	92.2	91.2
USG 3592	90.3	60.9	8	4-20	5-19	91.5	89.7
RENWOOD 3706	89.8	61.7	0	4-20	5-14	93.5	
ARMOR 3035	89.8	60.1	0	4-21	5-20	93.1	90.2
PIONEER BRAND 26R24	89.7	59.6	4	4-18	5-16	90.4	86.9
AXR 5109	89.6	61.3	0	4-22	5-19		
SABBE	89.5	58.7	0	4-22	5-21	96.6	95.5
FFR 8309	89.5	56.9	0	4-22	*		
AXR 5110	89.5	61.8	0	4-18	5-20		
EK EXP 160	89.4	60.6	0	4-21	5-20		
FFR 522	89.2	62.3	0	4-18	5-18		
LIGHTHOUSE	88.5	58.7	0	4-22	5-20		

Table 6. (continued).

Entry Name	Yield bu/A	Test		Head date	Mat. date	2-Yr avg	3-Yr avg
		wt lb/bu	Ldg %				
AGRIPRO COOPER	88.5	61.9	3	4-19	5-16		
USG 3430	88.2	61.7	0	4-19	5-17	89.8	
ROANE	87.8	61.6	11	4-22	5-20	89.5	87.5
TERRAL TVX82P201	87.5	59.1	0	4-18	*		
HBK 3030	87.3	61.2	1	4-15	5-18	84.4	84.1
AXR 5888	87.1	60.2	0	4-21	5-17	89.3	
DELTA KING 7900	86.8	61.4	0	4-19	5-18	92.2	92.1
VA97W-024	86.5	59.6	0	4-21	5-17		
AGRIPRO PANOLA	86.3	62.1	1	4-17	5-19		
DELTA GROW 4888	85.8	58.6	1	4-20	5-20	92.9	90.9
PROGENY 156	85.8	59.7	1	4-22	5-21	91.4	88.6
LA9560CA22-1	84.9	59.8	0	4-17	*		
DELTA KING 1551	84.2	61.9	0	4-19	5-20	88.6	87.0
PAT	84.1	60.4	0	4-22	5-21	88.4	87.7
HBK 3106	83.6	61.4	0	4-16	5-20	89.9	
AR 93027-5-1	83.2	61.8	0	4-14	5-17		
USG 3209	82.3	59.7	0	4-17	5-20	85.9	81.3
McCORMICK	82.3	62.2	9	4-22	*	91.7	87.1
AR 839	80.5	61.3	0	4-17	5-18	83.7	84.2
AR 93035-4-1	80.1	58.1	0	4-23	5-20		
TERRAL LA841	79.5	61.3	0	4-19	5-16	85.8	80.6
MD 11-52	78.3	60.0	0	4-18	5-16		
PIONEER 26R12	78.1	62.0	0	4-19	5-19	85.3	
NK COKER 9152	77.2	61.1	1	4-19	5-17	87.1	82.8
LA925C104-2	71.4	58.8	14	4-20	*		
LA925C104-1-3-B-4	71.3	57.6	15	4-20	*		
LA97113UC-124-B	69.5	59.8	0	4-21	*		
Grand mean	91.5	60.7	1	4-19	5-18	93.5	90.2
LSD (5%)	11.3	1.4	5	3		10.2	7.9
C.V. (%)	8.9	1.7	305	4		9.1	8.8

Ldg = Lodging

* Matured later than 5/21

STANDARD INPUT WHEAT TEST
SOUTHWEST RESEARCH & EXTENSION CENTER, HOPE (Lewisville*), AR

SOIL SERIES....Bowie silt loam
 PREVIOUS CROP....Soybeans
 PLANTING DATE....November 1, 2003
 FERTILIZER....300 lb 13-13-13/A on November 1, 2003; 48 lb N/A + 24 lb S/A on March 4, 2004; 25 lb N/A on March 25, 2004
 HERBICIDE....None
 INSECTICIDE....None
 HARVEST DATE....May 29, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	2.5	2.5	2.8	3.8	4.6	3.9	2.8	8.3	31.3
Normal	3.3	4.4	4.6	3.8	3.8	4.6	5.6	5.4	35.5
Departure	-0.8	-1.9	-1.8	0.0	0.8	-0.7	-2.8	2.9	-4.2

Table 7. Performance of Wheat Cultivars in the Standard Input Test, Hope.

Entry Name	Ldg	Pt	Powdery
	%	ht	mildew
		in	%
AGRIPRO BERETTA	15	40	1
AGRIPRO PANOLA	18	40	4
AGRIPRO L96*9266-1	18	42	10
AGRIPRO COOPER	18	41	4
AGRIPRO NATCHEZ	20	38	1
AGRIPRO SAVAGE	10	37	0
AGS 2000	18	42	0
AGS 2485	15	43	0
AR 839	10	44	1
AR 910-9-1	18	44	0
AR 93027-5-1	10	43	4
AR 93035-4-1	10	42	2
ARMOR 3035	15	46	24
AXR 2985	13	45	17
AXR 5109	13	46	8
AXR 5110	13	43	3
AXR 5111	18	43	33
AXR 5888	15	44	19
CROPLAN GENET. 514W	25	41	0
CROPLAN GENET. 554W	13	39	0
DELTA GROW 4200	10	44	31
DELTA GROW 4500	23	43	24
DELTA GROW 4888	13	41	13
DELTA KING 1551	15	39	1
DELTA KING 7710	18	43	5
DELTA KING 7777	10	41	1
DELTA KING 7830	15	44	13

Table 7. (continued).

Entry Name	Ldg %	Pt ht in	Powdery mildew %
DELTA KING 7900	13	43	16
DELTA KING 9216	15	42	1
DELTA KING 9410	20	44	15
DELTA KING XTJ239	15	44	0
DELTA KING XTJ251	13	41	0
DELTA KING XTJ253	13	43	0
DELTA KING XTJ261	10	42	0
DELTA KING XTJ271	18	43	2
DIXIE 900	10	47	35
DIXIE 922	13	43	28
DIXIE 9512	13	45	16
DIXIE 9812	15	43	36
DIXIE X949	15	44	2
DIXIE X959	10	46	22
EK EXP 150	15	41	11
EK EXP 160	15	44	16
FFR 521	20	39	1
FFR 522	15	38	3
FFR 556	13	41	0
FFR 8302	10	41	1
FFR 8309	10	44	15
GENESIS M86	15	44	24
GENESIS R023	13	42	21
GENESIS R033	10	43	22
GENESIS R043	18	45	22
GENESIS RO47	28	39	0
GENESIS RO63	15	42	21
HBK 3030	15	42	1
HBK 3106	13	45	2
LA925C104-1-3-B-4	38	43	1
LA925C104-2	33	41	8
LA9560CA22-1	18	44	1
LA97113UC-124-B	15	46	0
LIGHTHOUSE	10	43	1
McCORMICK	13	39	2
MD 11-52	13	39	0
NK B970051	18	35	0
NK COKER 9152	25	43	1
NK COKER 9375	15	42	0
NK COKER 9663	25	43	8
PAT	10	47	1
PIONEER 2552	10	38	0
PIONEER 26R12	10	43	1
PIONEER 26R15	10	43	8
PIONEER 26R58	10	43	4
PIONEER BRAND 26R24	33	42	2

Table 7. (continued).

Entry Name	Ldg %	Pt ht in	Powdery mildew %
PROGENY 110	15	45	19
PROGENY 133	10	40	10
PROGENY 145	15	43	23
PROGENY 156	13	40	0
PROGENY 166	10	44	31
RENWOOD 3706	15	38	0
ROANE	15	42	0
SABBE	10	44	0
SOUTH. STATES SS 535	15	39	2
SOUTH. STATES SS520	20	41	0
SOUTH. STATES SS560	20	45	8
TERRAL LA841	18	45	1
TERRAL TV8450	18	48	35
TERRAL TV8466	18	44	4
TERRAL TV8502	10	44	21
TERRAL TV8565	10	44	13
TERRAL TVX81H04	15	47	26
TERRAL TVX82H01	13	44	28
TERRAL TVX82P201	13	43	6
UGA 931233-E17	35	44	2
USG 3209	23	46	15
USG 3350	10	46	29
USG 3430	15	44	24
USG 3592	38	44	0
USG EXP 370	18	41	0
VA97W-024	15	45	8
VIGORO TRIBUTE	23	38	1
Grand mean	16	43	9
LSD (5%)	10	4	15
C.V. (%)	45	8	117

Ldg = Lodging

Pt ht = Plant height

*Appreciation to Mr. Gary Cox for allowing this test to be conducted on his farm.

OAT TEST
COTTON BRANCH STATION, MARIANNA, AR

SOIL SERIES....Loring silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 22, 2003
 FERTILIZER....91 lb N/A + 24 lb S/A on Feb. 20, 2004; 40 lb N/A on March 10, 2004
 HERBICIDE....0.6 oz/A Harmony Extra
 INSECTICIDE....None
 HARVEST DATE....June 3, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.0	5.0	1.0	4.0	4.5	4.2	4.2	6.9	30.8
Normal	3.0	4.4	4.8	4.4	4.1	5.4	5.5	5.2	36.8
Departure	-2.0	0.6	-3.8	-0.4	0.4	-1.2	-1.3	1.7	-6.0

Table 8. Performance of Oat Cultivars, Marianna.

Entry Name	Yield	Test wt	Ldg	Pt ht	Head date	2-Yr avg	3-Yr avg
	bu/A	lb/bu	%	in		----bu/A----	
SECRETARIAT LA495	150.5	30.9	8	46	4-22	130.9	116.9
ARO 336-1	148.3	33.2	5	47	4-25		
ARO 258-7	143.3	34.8	8	40	4-23	135.7	
ARO 336-12	138.6	33.5	4	49	4-26		
ARO 336-3	138.5	29.8	4	41	4-24		
ARO 213-3	138.1	36.1	5	53	4-17	123.0	
ARO 231-3	138.0	28.4	5	43	4-24		
PLOT SPIKE LA9339	135.8	34.6	5	47	4-23	123.4	113.9
ARO 213-12	133.9	29.6	8	42	4-25	119.5	
HORIZON 314	133.1	31.7	4	47	4-22	111.2	95.8
ARO 289-9	129.7	33.1	31	50	4-19	116.8	104.5
ARO 258-6	123.1	32.3	25	44	4-26		
NC97-8885	122.7	33.1	6	42	4-19		
HORIZON 321	121.7	34.3	5	42	4-22	112.8	
HARRISON	121.3	34.6	23	50	4-19	111.2	105.1
ARO 213-10	118.1	29.2	20	42	4-24		
LA976GBS22-B-S2	118.1	34.9	19	47	4-19		
ARO 258-4	118.0	35.7	13	45	4-25	114.6	
LA989SBS-49-B-S1	114.4	33.6	3	45	4-23		
HORIZON 474	105.9	36.2	23	45	4-15	102.0	94.0
LA9810SBS-58	101.7	34.2	6	48	4-19		
NC97-8972N*	88.8	37.0	13	45	4-20		
ARNO-10*	88.4	32.0	50	47	4-23		
ARNO-9*	73.5	32.2	45	46	4-23		
ARNO-13*	73.0	33.1	41	44	4-22		
ARNO-11*	69.9	30.4	84	47	4-19		
ARNO-7*	69.4	41.8	46	45	4-15		
ARNO-4*	64.3	34.8	51	46	4-21		

Table 8. (continued.)

Entry Name	Yield bu/A	Test	Ldg %	Pt	Head	2-Yr	3-Yr
		wt lb/bu		ht in	date	avg	avg
ARNO-6*	59.7	34.9	50	45	4-19		
ARNO-12*	53.2	32.0	60	49	4-22		
Grand mean	111.1	33.4	22	46	4-22	118.3	105.0
LSD (5%)	23.5	2.7	20	3	2	18.5	16.4
C.V. (%)	15.0	5.6	65	5	2	8.5	10.5

Ldg = Lodging

Pt ht = Plant height

*Hull-less entry

OAT TEST
RICE RESEARCH & EXTENSION CENTER, STUTTGART, AR

SOIL SERIES....Crowley silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 15, 2003
 FERTILIZER....60 lb N/A on Feb. 19, 2004; 40 lb N/A on March 9, 2004
 HERBICIDE.....None
 INSECTICIDE....4.0 oz/A Warrior-T on November 12, 2003
 HARVEST DATE....May 26, 2004
 PRECIPITATION

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
	----- Inches -----								
2003-2004	1.0	3.8	2.2	5.2	6.6	5.6	5.1	6.5	35.9
Normal	2.7	4.4	4.6	4.0	4.0	5.1	5.2	4.7	34.7
Departure	-1.7	-0.6	-2.4	1.2	2.6	0.5	-0.1	1.8	1.2

Table 9. Performance of Oat Cultivars, Stuttgart.

Entry Name	Yield	Test wt	Ldg	Head date	Mat. date	2-Yr avg	3-Yr avg
	bu/A	lb/bu	%			----bu/A----	
ARO 336-12	176.2	33.5	9	4-22	5-19		
HORIZON 314	173.0	33.8	3	4-21	5-21	142.1	123.7
SECRETARIAT LA495	165.3	33.5	30	4-22	5-19	148.7	134.8
ARO 213-10	164.2	30.9	4	4-22	5-19		
ARO 336-3	160.3	32.0	4	4-22	5-21		
ARO 213-12	158.4	32.9	6	4-21	5-17	142.7	
HARRISON	156.4	35.8	33	4-19	5-14	141.4	129.8
ARO 258-7	156.2	36.8	3	4-20	5-19	142.7	
ARO 231-3	152.3	30.4	5	4-21	5-19		
ARO 213-3	151.9	36.6	11	4-16	5-18	137.9	
LA976GBS22-B-S2	151.1	36.5	56	4-17	5-16		
LA989SBS-49-B-S1	146.7	36.2	1	4-21	5-18		
ARO 336-1	146.5	34.7	4	4-22	5-19		
ARO 258-4	145.8	36.4	5	4-21	5-19	133.3	
HORIZON 321	145.1	35.8	15	4-21	5-16	128.8	
ARO 258-6	143.5	34.0	14	4-22	5-20		
NC97-8972N*	138.0	38.4	13	4-17	5-16		
NC97-8885	138.0	33.9	8	4-18	5-13		
PLOT SPIKE LA9339	130.6	35.3	28	4-20	5-19	125.8	116.9
HORIZON 474	129.4	37.0	16	4-09	5-14	119.5	106.4
ARNO-4*	126.3	32.7	39	4-20	5-16		
LA9810SBS-58	124.9	36.3	13	4-15	5-16		
ARO 289-9	121.6	32.7	38	4-20	5-20	126.9	122.3
ARNO-10*	118.8	28.4	58	4-20	5-15		
ARNO-7*	112.9	40.6	36	4-14	5-12		
ARNO-11*	108.3	28.8	70	4-19	5-14		
ARNO-12*	103.9	31.4	66	4-21	5-16		
ARNO-6*	93.0	36.8	54	4-21	5-13		

Table 9. (continued.)

Entry Name	Yield bu/A	Test	Ldg %	Head date	Mat. date	2-Yr avg	3-Yr avg
		wt lb/bu					
ARNO-9*	90.2	30.0	46	4-22	5-16		
ARNO-13*	86.6	30.6	58	4-22	5-16		
Grand mean	137.2	34.1	25	4-20	5-17	135.4	122.3
LSD (5%)	25.1	3.1	19	2	3	27.6	26.6
C.V. (%)	13.0	6.5	53	3	3	11.6	13.4

Ldg = Lodging

* Hull-less entry

PARTICIPANTS AND ENTRIES
2003 - 2004 ARKANSAS SMALL-GRAIN CULTIVAR PERFORMANCE TESTS

Companies

Agripro Wheat
P.O. Box 2365
Jonesboro, AR 72402
870-935-3941

AGRIPRO Natchez
AGRIPRO Savage
AGRIPRO Beretta

AGRIPRO Panola
AGRIPRO L96*9266-1
AGRIPRO Cooper

AGSouth Genetics
P.O. Box 72246
Albany, GA 31708-2246
229-881-7455

AGS 2000
AGS 2485

Arkansas County Seed Co., Inc.
P.O. Box 43
Stuttgart, AR 72160
870-673-2706

Harrison (oat)

Cache River Valley Seed
12470 Hwy 226
P.O. Box 10
Cash, AR 72421
870-477-5427

Dixie 900
Dixie 922
Dixie 9812
Dixie 9512

Dixie X949
Dixie X959
Dixie X969

Land O'Lakes/Croplan Genetics
4990 No. Co. Rd. 583
Blytheville, AR 72315
870-623-5093

Croplan Genetics 514W
Croplan Genetics 554W

Cullum Seed, LLC
P.O. Box 178
Fisher, AR 72429
870-328-7222

Armor 3035
AXR 3330
AXR 5110
AXR 5109

Armor 2010
AXR 2985

Delta Grow Seed
P.O. Box 219
England, AR 72046
501-842-2572

Delta Grow 4200
Delta Grow 4500
Delta Grow 4888

Delta King Seed Co.
P.O. Box 970
McCrary, AR 72101
870-731-5484

Delta King 1551
Delta King 7777
Delta King 7900
Delta King 9216

Delta King 9410
Delta King XTJ239
Delta King XTJ241
Delta King XTJ247

Delta King XTJ251
Delta King XTJ253
Delta King XTJ261
Delta King XTJ271

FFR Seed
969 Cloverleaf Dr.
Southhaven, MS 38671
901-652-0903

FFR 521
FFR 522
FFR 556
FFR 8302

FFR 8309

Genesis Brand Seed
PO Box 21085
Lansing, MI 48909
517-887-1684

Genesis R023
Genesis R033
Genesis R043
Genesis R047

Genesis RO63
Genesis M86

Hornbeck Seed Co., Inc. P.O. Box 472, 210 Drier Rd DeWitt, AR 72042-0472 870-946-2087	HBK 3030 HBK 3106		
JGL, Inc. 3540 South US 231 Greencastle, IN 46135 765-653-5402	Lighthouse		
Pioneer, A DuPont Co. 6767 Old Madison Pike # 110 Huntsville, AL 35806 800-331-2475	Pioneer Brand 26R12 Pioneer Brand 26R15 Pioneer Brand 26R24	Pioneer Brand 26R58 Pioneer Brand 2552	
Plantation Seed Conditioners, Inc. Rt. 1, Box 695 Newton, GA 31770-9716 229-734-5466	Horizon 314 (oat) Horizon 474 (oat) Horizon 321 (oat)		
Progeny Ag Products 1529 Hwy 193 Wynne, AR 72396 870-238-2079	Progeny 110 Progeny 133 Progeny 145 EK Exp 156	Progeny 166 EK Exp 150 EK Exp 160	
Ragan & Massey, Inc. 100 Ponchatoula Parkway Ponchatoula, LA 70454 985-386-6042	Plot Spike LA9339 (oat)		
Renwood Farms Inc. 17303 Sandy Point Road Charles City, VA 23030 804-829-2450	Renwood 3706		
Royster-Clark, Inc. 717 Robinson Rd. SE Washington C.H., OH 43160 740-869-2181	Vigoro Tribute		
Southern States Coop. P.O. Box 26234 Richmond, VA 23260 804-281-1203	Southern States SS 520 Southern States SS 535 Southern States SS 560		
Syngenta Seeds, Inc. P.O. Box 729 778 CR 680 Bay, AR 72411 870-483-7691	NK Coker 9152 NK Coker 9375 NK Coker 9663 NK B970051		
Terral Seed, Inc. P.O. Box 826 Lake Providence, LA 71254 318-559-2840	Terral LA841 Terral TV8502 Terral TV8565 Terral TV8466	Terral TV8450 Terral TVX81HO4 Terral TVX82HO1 Terral Secretariat LA495 (oat)	Terral TVX82P201 Terral TV8502

UniSouth Genetics
2640-C Nolensville Rd.
Nashville, TN 37211
800-505-3133

USG 3209
USG 3430
USG 3592
USG 3350

USG Exp. 370

Public Institutions

University of Arkansas
Department of CSES
Fayetteville, AR 72701
479-575-5725

Pat		
Sabbe	ARO 231-3 (oat)	ARNO 4 (oat)
AR 839	ARO 258-4 (oat)	ARNO 6 (oat)
AR 910-9-1	ARO 258-6 (oat)	ARNO 7 (oat)
AR 93035-4-1	ARO 258-7 (oat)	ARNO 9 (oat)
AR 93027-5-1	ARO 289-9 (oat)	ARNO 10 (oat)
ARO 213-3 (oat)	ARO 336-1 (oat)	ARNO 11 (oat)
ARO 213-10 (oat)	ARO 336-3 (oat)	ARNO 12 (oat)
ARO 213-12 (oat)	ARO 336-12 (oat)	ARNO 13 (oat)

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225-578-1308

LA 925C104-1-3-B-4	LA 976GBS-22-B-5-2 (oat)
LA 9560CA22-1	LA 989SBS-49-B-51 (oat)
LA 925C104-2	LA 9810SBS-58 (oat)
LA 97113UC-124-B	

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MD 11-52

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840 Method Rd, Unit 3
P.O. Box 7629
Raleigh, NC 27695
919-513-0000

NC 97-8885 (oat)
NC 97-8972N (oat)

Virginia PI & State University
EVAREC
2229 Menokin Road
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840-333-3485

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