

Arkansas Small-Grain Cultivar Performance Tests 2000-2001



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Results of Arkansas variety performance tests for wheat and other small grains, rice, soybeans, cotton, corn and grain sorghum are available on the web at: www.ArkansasVarietyTesting.org

ARKANSAS SMALL-GRAIN CULTIVAR PERFORMANCE TESTS¹ 2000-01

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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 Keiser, Marianna, Rohwer, and 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. Specific location and cultural practice information accompanies each table. This dual approach is utilized to give information on cultivar performance under conventional and high input production strategies employed by Arkansas farmers.

METHODS

Each wheat test contained 78 entries (including one filler entry) and each oat test contained 12 entries. The wheat tests at Keiser had one less entry because seed did not arrive in time to

be planted. A randomized complete block experimental design with four replications was used for all tests. Seeding rates of 110 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). The tests at all sites used conventional seedbed preparation. Plots were end-trimmed, and harvested with a plot combine.

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.

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.

¹Use 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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WEATHER SUMMARY

Conditions in the fall were generally dry at the optimum planting time, and all locations except Kibler were planted by the end of October. A severe rainstorm 3 days after planting at Rohwer caused stands to be reduced to a level that was unacceptable, and therefore the test was abandoned. Similarly, cool wet weather following planting at Kibler reduced plant stands to the point the test was abandoned. Plant stands in the oat test at Marianna were less than ideal due to cold weather in December and January.

Seasonal rainfall was slightly lower than normal at Marianna and Keiser and slightly higher at Stuttgart. The location in southwest Arkansas was 17.8 inches above normal for the growing season. The three sites in eastern Arkansas all sites were drier than normal from March through May. Monthly rainfall totals from October through May and the departure from normal (30-year average) are given for each test.

RESULTS

Grain yields were good for all the wheat tests. The high yields were due in part to the dry spring and a low level of foliar diseases. Droughty conditions probably resulted in some yield reduction at Keiser and at Stuttgart. At Stuttgart the effect of the dry conditions was exasperated by widespread infection of *Fusarium* root and crown rot (identified by Dr. Gene Milus) that caused premature death of plants and shriveling of grain. Ratings for *Septoria tritici* and *Fusarium* root and crown rot (Stuttgart) were provided by Dr. Gene Milus, Department of Plant Pathology. Yields at Keiser may also have been affected by an infestation of Hessian Fly. Yields of wheat cultivars at all locations are summarized in Table 1. Yields and other agronomic measurements are given in Tables 2-8 along with cultural practice and site information including precipitation summaries. The results from the oat tests are presented in Tables 9-10.

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

| | Standard Input | | | | High Input | | |
|----------------------|------------------|----------|-----------|------------|------------|----------|-----------|
| | Keiser | Marianna | Stuttgart | Lewisville | Keiser | Marianna | Stuttgart |
| | ----- bu/A ----- | | | | | | |
| AGRIPRO M96*4403 | 57.3 | 66.6 | 69.8 | 64.1 | 66.7 | 78.8 | 75.3 |
| AGRIPRO MASON | 50.0 | 80.6 | 78.2 | 58.6 | 52.3 | 82.9 | 80.7 |
| AGRIPRO NATCHEZ | 47.8 | 77.3 | 85.1 | 58.6 | 55.4 | 86.4 | 82.9 |
| AGRIPRO PATTON | 65.2 | 75.2 | 64.0 | 59.1 | 60.3 | 77.9 | 63.3 |
| AGRIPRO SHELBY | 46.7 | 81.9 | 87.2 | 54.5 | 59.9 | 91.8 | 90.3 |
| AGRIPRO SHILOH | 50.3 | 81.5 | 85.2 | 63.4 | 51.0 | 81.3 | 81.6 |
| AGS 2000 | 59.5 | 78.8 | 83.8 | 64.9 | 63.3 | 89.7 | 88.2 |
| AR 494B-2-2 | 50.1 | 71.0 | 79.5 | 62.8 | 54.9 | 84.3 | 72.8 |
| AR 584A-3-1-3 | 54.4 | 79.5 | 71.7 | 65.0 | 45.4 | 83.3 | 75.7 |
| AR 839-25-8-2 | 63.8 | 77.3 | 85.2 | 51.9 | 65.7 | 84.4 | 81.5 |
| AR 839-27-1-3 | 59.0 | 77.3 | 81.4 | 54.5 | 69.3 | 83.4 | 82.9 |
| AR 839-28-1-2 | 61.6 | 78.5 | 81.2 | 59.4 | 61.1 | 84.9 | 83.6 |
| AR LA85411 | 53.0 | 75.7 | 72.9 | 59.7 | 55.4 | 85.0 | 71.9 |
| ARMOR 2025 | 57.1 | 81.3 | 81.4 | 67.4 | 56.2 | 87.5 | 79.8 |
| ARMOR 3035 | 58.0 | 93.8 | 82.6 | 61.9 | 65.1 | 87.5 | 79.8 |
| ARMOR 3135 | 50.8 | 74.4 | 73.4 | 58.9 | 57.5 | 80.2 | 77.9 |
| ARMOR 4045 | 51.9 | 76.5 | 75.8 | 64.8 | 56.1 | 85.6 | 81.4 |
| CROPLAN GENET. SR204 | 52.5 | 76.5 | 70.8 | 65.7 | 49.4 | 81.1 | 75.6 |
| CROPLAN GENET. SR218 | 52.5 | 73.6 | 74.3 | 70.4 | 50.6 | 83.1 | 76.1 |
| DELTA GROW 1100 | 50.9 | 69.1 | 64.4 | 62.5 | 66.4 | 76.6 | 65.8 |
| DELTA GROW 4888 | 64.2 | 77.4 | 82.3 | 61.7 | 59.0 | 92.7 | 80.3 |
| DELTA GROW 5300 | 61.5 | 71.2 | 67.2 | 57.0 | 59.5 | 83.1 | 73.8 |
| DELTA KING 1551W | 64.8 | 70.5 | 81.0 | 65.0 | 68.5 | 82.8 | 79.9 |
| DELTA KING 9027 | 55.2 | 61.3 | 70.0 | 61.7 | 62.1 | 73.7 | 77.3 |
| DELTA KING 9121 | 72.0 | 67.7 | 63.5 | 54.3 | 72.4 | 72.6 | 60.6 |
| DELTA KING 9216 | 68.3 | 81.3 | 85.5 | 54.2 | 72.3 | 87.4 | 82.2 |
| DELTA KING XTJ3333 | 61.2 | 67.3 | 70.3 | 61.0 | 63.6 | 78.7 | 77.1 |
| DELTA KING XTJ7357 | ----- | 73.1 | 76.1 | 57.7 | ----- | 82.2 | 72.4 |
| DELTA KING XTJ7531 | 59.0 | 78.8 | 77.6 | 63.1 | 71.5 | 89.6 | 78.3 |
| DELTA KING XTJ7599 | 53.1 | 79.7 | 74.4 | 54.6 | 54.4 | 82.4 | 79.1 |
| DELTA KING XTJ7777 | 62.9 | 86.0 | 81.9 | 55.8 | 72.8 | 89.7 | 83.3 |
| DELTA KING XTJ7900 | 58.9 | 77.2 | 78.5 | 63.6 | 56.1 | 88.7 | 78.3 |
| DELTA KING XTJ9333 | 64.6 | 80.6 | 77.5 | 58.5 | 62.3 | 81.3 | 75.3 |
| DELTA KING XTJ9486 | 56.2 | 73.7 | 83.1 | 59.7 | 63.3 | 87.8 | 79.6 |
| DIXIE 2000 | 54.9 | 71.9 | 73.9 | 63.6 | 56.6 | 73.9 | 70.0 |
| DIXIE 900 | 60.5 | 83.2 | 82.8 | 60.8 | 60.9 | 89.8 | 78.6 |
| DIXIE 911 | 58.4 | 65.4 | 71.6 | 58.9 | 60.6 | 75.3 | 69.6 |
| DIXIE 922 | 52.3 | 76.3 | 79.5 | 56.6 | 55.5 | 85.8 | 81.3 |
| F 334W | 59.5 | 74.5 | 68.8 | 62.3 | 67.5 | 86.5 | 75.3 |
| F 335W | 49.4 | 71.5 | 75.8 | 60.0 | 54.9 | 84.3 | 76.4 |
| FFR 510 | 60.2 | 74.2 | 82.0 | 63.5 | 53.0 | 82.7 | 84.5 |
| FFR 522W | 54.2 | 82.7 | 77.4 | 61.6 | 59.3 | 92.8 | 82.4 |
| FFR 551 | 50.3 | 74.0 | 74.0 | 59.8 | 62.7 | 84.4 | 74.6 |

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

| | Standard Input | | | | High Input | | |
|----------------------|------------------|----------|-----------|------------|------------|----------|-----------|
| | Keiser | Marianna | Stuttgart | Lewisville | Keiser | Marianna | Stuttgart |
| | ----- bu/A ----- | | | | | | |
| FFR 558W | 48.3 | 79.7 | 82.8 | 62.2 | 54.8 | 87.5 | 82.9 |
| HBK X3020 | 56.3 | 73.8 | 75.4 | 61.7 | 65.5 | 86.7 | 79.8 |
| HBK X3030 | 59.6 | 68.1 | 72.1 | 57.0 | 60.1 | 76.0 | 78.1 |
| LA 90185G3-1-3-4-2 | 49.2 | 90.8 | 88.3 | 68.3 | 58.0 | 91.6 | 87.9 |
| LA 90518PB43-3-1-4 | 60.8 | 78.1 | 79.9 | 65.9 | 58.7 | 83.5 | 76.7 |
| NK BL940582 | 49.6 | 83.8 | 62.4 | 59.5 | 50.8 | 84.5 | 67.8 |
| NK BL940812 | 50.9 | 70.1 | 73.3 | 54.9 | 54.5 | 73.9 | 68.7 |
| NK COKER 9543 | 57.8 | 72.4 | 77.3 | 62.8 | 50.0 | 82.3 | 79.4 |
| NK COKER 9663 | 42.5 | 77.9 | 74.6 | 57.2 | 64.6 | 84.3 | 80.4 |
| PIONEER BRAND 2684 | 56.5 | 73.8 | 70.2 | 66.3 | 56.2 | 87.4 | 75.3 |
| PIONEER BRAND 26R24 | 56.0 | 82.6 | 90.1 | 64.1 | 56.4 | 92.9 | 92.9 |
| PIONEER BRAND 26R38 | 65.8 | 84.9 | 85.5 | 60.3 | 71.1 | 95.4 | 87.9 |
| PIONEER BRAND 26R46 | 56.4 | 83.9 | 90.4 | 58.3 | 57.9 | 94.0 | 82.9 |
| PIONEER BRAND XW586 | 65.8 | 73.4 | 85.3 | 57.1 | 59.5 | 87.2 | 87.5 |
| PROGENY 103 | 55.6 | 69.4 | 73.2 | 66.4 | 58.0 | 82.4 | 70.8 |
| PROGENY 156 | 56.9 | 73.8 | 84.4 | 62.0 | 58.9 | 87.9 | 81.7 |
| ROANE | 46.9 | 64.6 | 71.8 | 62.5 | 54.4 | 77.2 | 76.3 |
| SABBE | 46.5 | 68.6 | 81.9 | 62.5 | 60.3 | 76.2 | 75.7 |
| SOUTH. STATES SS 516 | 58.3 | 60.0 | 58.9 | 58.1 | 60.1 | 77.8 | 58.9 |
| SOUTH. STATES SS 518 | 57.6 | 76.7 | 80.8 | 67.8 | 49.8 | 87.0 | 83.3 |
| SOUTH. STATES SS 522 | 59.6 | 78.8 | 76.9 | 65.1 | 58.0 | 88.8 | 84.6 |
| SOUTH. STATES SS 535 | 52.3 | 84.8 | 78.5 | 58.9 | 58.3 | 87.7 | 78.3 |
| STINE 422 | 53.4 | 79.3 | 85.4 | 53.5 | 62.6 | 84.6 | 83.4 |
| STINE 454 | 56.1 | 73.4 | 64.5 | 59.2 | 63.5 | 81.7 | 67.3 |
| TERRAL TV 8555 | 45.4 | 80.8 | 84.6 | 70.4 | 49.5 | 86.9 | 85.5 |
| TERRAL TV 8825 | 56.8 | 83.4 | 82.6 | 60.7 | 58.0 | 83.9 | 72.8 |
| TERRAL TV8910 | 58.9 | 71.8 | 66.3 | 63.3 | 64.3 | 75.8 | 67.8 |
| UGA 901146E15 | 59.8 | 82.9 | 84.8 | 65.4 | 59.2 | 85.9 | 88.7 |
| UGA 91426E39 | 54.2 | 74.9 | 82.2 | 58.5 | 56.3 | 85.3 | 76.5 |
| USG 3209 | 56.1 | 76.4 | 75.8 | 60.7 | 58.5 | 90.5 | 78.8 |
| USG 3709 | 59.9 | 74.4 | 75.4 | 67.7 | 70.1 | 85.2 | 79.1 |
| VA 96W-270 | 49.7 | 65.3 | 66.0 | 61.6 | 58.4 | 76.1 | 70.3 |
| VA97W-206 | 57.0 | 72.5 | 82.1 | 58.7 | 56.5 | 84.2 | 81.9 |
| VA98W-593 | 60.6 | 79.4 | 85.5 | 59.8 | 63.8 | 91.1 | 86.3 |
| | — | — | — | — | — | — | — |
| Grand mean | 55.8 | 75.9 | 77.2 | 61.1 | 59.1 | 84.2 | 78.1 |
| LSD (5%) | 9.1 | 9.6 | 6.9 | 11.0 | 10.5 | 7.5 | 4.9 |
| C.V. (%) | 11.8 | 9.2 | 6.4 | 13.0 | 12.8 | 6.4 | 4.5 |

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

SOIL SERIES....Sharkey silty clay
 PREVIOUS CROP....Soybean
 PLANTING DATE....October 11, 2000
 FERTILIZER....100 lb/A N on March 9, 2001; 50 lb/A N on March 21, 2001
 HERBICIDE....2 pt/A Hoelon on December 5, 2000; oz/A Harmony Extra + 1 pt/A 2,4-D on March 19, 2001
 FUNGICIDE....None
 INSECTICIDE....None
 HARVEST DATE....June 20, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 0.9 | 6.0 | 3.3 | 2.2 | 6.8 | 3.7 | 1.1 | 4.9 | 28.9 |
| Normal | 2.4 | 4.1 | 4.7 | 3.4 | 3.0 | 4.8 | 5.1 | 5.3 | 32.8 |
| Departure | -1.5 | +1.9 | -1.4 | -1.2 | +3.8 | -1.1 | -4.0 | -0.4 | -3.9 |

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

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| DELTA KING 9121 | 72.0 | 56.1 | 4 | 30 | 4-21 | 5-22 | 78.2 | 68.9 |
| DELTA KING 9216 | 68.3 | 54.7 | 1 | 32 | 4-22 | 5-22 | | |
| PIONEER BRAND XW586 | 65.8 | 56.5 | 3 | 26 | 4-21 | 5-20 | | |
| PIONEER BRAND 26R38 | 65.8 | 57.3 | 2 | 30 | 4-22 | 5-21 | 82.2 | |
| AGRIPRO PATTON | 65.2 | 56.6 | 2 | 31 | 4-22 | 5-23 | 74.2 | 72.3 |
| DELTA KING 1551W | 64.8 | 57.4 | 0 | 28 | 4-23 | 5-23 | 72.5 | 69.7 |
| DELTA KING XTJ9333 | 64.6 | 55.2 | 4 | 35 | 4-21 | 5-20 | | |
| DELTA GROW 4888 | 64.2 | 57.3 | 9 | 34 | 4-22 | 5-21 | | |
| AR 839-25-8-2 | 63.8 | 58.9 | 1 | 29 | 4-23 | 5-22 | | |
| DELTA KING XTJ7777 | 62.9 | 57.4 | 6 | 33 | 4-22 | 5-22 | | |
| AR 839-28-1-2 | 61.6 | 58.1 | 0 | 29 | 4-22 | 5-22 | | |
| DELTA GROW 5300 | 61.5 | 57.1 | 8 | 30 | 4-22 | 5-21 | | |
| DELTA KING XTJ3333 | 61.2 | 55.8 | 1 | 30 | 4-21 | 5-20 | | |
| LA 90518PB43-3-1-4 | 60.8 | 56.1 | 0 | 30 | 4-21 | 5-20 | | |
| VA98W-593 | 60.6 | 60.1 | 5 | 26 | 4-23 | 5-24 | | |
| DIXIE 900 | 60.5 | 58.3 | 1 | 31 | 4-21 | 5-20 | 74.8 | |
| FFR 510 | 60.2 | 57.2 | 2 | 28 | 4-20 | 5-19 | 74.5 | |
| USG 3709 | 59.9 | 55.3 | 1 | 29 | 4-22 | 5-21 | 77.5 | 74.9 |
| UGA 901146E15 | 59.8 | 53.9 | 1 | 27 | 4-20 | 5-21 | | |
| HBK X3030 | 59.6 | 56.6 | 5 | 26 | 4-19 | 5-19 | | |
| SOUTH. STATES SS 522 | 59.6 | 58.4 | 2 | 27 | 4-22 | 5-21 | 70.7 | 69.4 |
| F 334W | 59.5 | 58.1 | 6 | 32 | 4-25 | 5-26 | | |
| AGS 2000 | 59.5 | 56.8 | 8 | 30 | 4-21 | 5-22 | 80.6 | 81.0 |
| AR 839-27-1-3 | 59.0 | 58.9 | 6 | 31 | 4-25 | 5-27 | 68.8 | |
| DELTA KING XTJ7531 | 59.0 | 54.3 | 4 | 33 | 4-23 | 5-21 | | |
| TERRAL TV8910 | 58.9 | 54.9 | 0 | 30 | 4-22 | 5-22 | 72.0 | |
| DELTA KING XTJ7900 | 58.9 | 57.2 | 2 | 34 | 4-20 | 5-19 | | |
| DIXIE 911 | 58.4 | 55.7 | 6 | 29 | 4-23 | 5-23 | 66.1 | 61.5 |
| SOUTH. STATES SS 516 | 58.3 | 58.4 | 1 | 28 | 4-20 | 5-19 | 70.6 | |
| ARMOR 3035 | 58.0 | 58.0 | 8 | 32 | 4-23 | 5-22 | 74.4 | |
| NK COKER 9543 | 57.8 | 56.6 | 32 | 29 | 4-22 | 5-20 | 68.4 | 64.5 |
| SOUTH. STATES SS 518 | 57.6 | 53.3 | 16 | 28 | 4-19 | 5-18 | 72.6 | |

Table 2. Continued

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| AGRIPRO M96*4403 | 57.3 | 56.4 | 24 | 31 | 4-23 | 5-23 | | |
| ARMOR 2025 | 57.1 | 57.1 | 2 | 34 | 4-21 | 5-22 | 74.4 | |
| VA97W-206 | 57.0 | 57.6 | 9 | 28 | 4-22 | 5-22 | | |
| PROGENY 156 | 56.9 | 57.1 | 5 | 32 | 4-22 | 5-22 | 71.7 | 68.4 |
| TERRAL TV 8825 | 56.8 | 53.4 | 15 | 31 | 4-26 | 5-27 | 71.7 | 68.4 |
| PIONEER BRAND 2684 | 56.5 | 57.2 | 3 | 27 | 4-21 | 5-21 | 75.6 | 73.0 |
| PIONEER BRAND 26R46 | 56.4 | 58.0 | 5 | 27 | 4-22 | 5-21 | 72.4 | 70.1 |
| HBK X3020 | 56.3 | 56.9 | 6 | 31 | 4-22 | 5-21 | | |
| DELTA KING XTJ9486 | 56.2 | 58.4 | 3 | 33 | 4-22 | 5-20 | 71.5 | |
| USG 3209 | 56.1 | 57.8 | 4 | 26 | 4-22 | 5-22 | 74.3 | 74.2 |
| STINE 454 | 56.1 | 56.4 | 8 | 32 | 4-23 | 5-23 | | |
| PIONEER BRAND 26R24 | 56.0 | 56.6 | 7 | 28 | 4-23 | 5-22 | 73.6 | 72.3 |
| PROGENY 103 | 55.6 | 56.3 | 4 | 30 | 4-24 | 5-22 | 64.4 | 63.4 |
| DELTA KING 9027 | 55.2 | 56.1 | 4 | 29 | 4-20 | 5-20 | 68.7 | 67.4 |
| DIXIE 2000 | 54.9 | 56.3 | 5 | 30 | 4-21 | 5-21 | 68.1 | 63.7 |
| AR 584A-3-1-3 | 54.4 | 57.3 | 28 | 29 | 4-24 | 5-22 | | |
| FFR 522W | 54.2 | 58.0 | 3 | 25 | 4-22 | 5-20 | | |
| UGA 91426E39 | 54.2 | 58.3 | 4 | 27 | 4-23 | 5-20 | | |
| STINE 422 | 53.4 | 57.4 | 4 | 28 | 4-23 | 5-22 | 68.6 | |
| DELTA KING XTJ7599 | 53.1 | 56.5 | 1 | 31 | 4-22 | 5-21 | | |
| AR LA85411 | 53.0 | 58.6 | 3 | 27 | 4-24 | 5-23 | 72.0 | |
| CROPLAN GENET. SR218 | 52.5 | 58.2 | 11 | 33 | 4-24 | 5-23 | 75.1 | 69.0 |
| CROPLAN GENET. SR204 | 52.5 | 58.6 | 5 | 31 | 4-25 | 5-25 | 72.1 | 68.6 |
| SOUTH. STATES SS 535 | 52.3 | 59.3 | 2 | 26 | 4-22 | 5-21 | 72.0 | |
| DIXIE 922 | 52.3 | 58.3 | 4 | 32 | 4-22 | 5-21 | 71.5 | |
| ARMOR 4045 | 51.9 | 58.1 | 5 | 33 | 4-22 | 5-22 | 66.9 | |
| DELTA GROW 1100 | 50.9 | 55.7 | 8 | 30 | 4-21 | 5-21 | | |
| NK BL940812 | 50.9 | 59.7 | 3 | 28 | 4-23 | 5-23 | | |
| ARMOR 3135 | 50.8 | 57.7 | 7 | 34 | 4-22 | 5-22 | 71.4 | |
| AGRIPRO SHILOH | 50.3 | 56.3 | 4 | 29 | 4-23 | 5-21 | 56.0 | 58.5 |
| FFR 551 | 50.3 | 55.7 | 11 | 26 | 4-23 | 5-23 | 64.5 | |
| AR 494B-2-2 | 50.1 | 57.1 | 8 | 31 | 4-25 | 5-25 | 66.7 | 66.5 |
| AGRIPRO MASON | 50.0 | 54.0 | 6 | 33 | 4-20 | 5-19 | | |
| VA 96W-270 | 49.7 | 57.8 | 3 | 28 | 4-20 | 5-18 | 63.0 | |
| NK BL940582 | 49.6 | 56.0 | 1 | 29 | 4-22 | 5-19 | | |
| F 335W | 49.4 | 56.3 | 4 | 32 | 4-22 | 5-20 | | |
| LA 90185G3-1-3-4-2 | 49.2 | 57.7 | 29 | 29 | 4-23 | 5-23 | | |
| FFR 558W | 48.3 | 57.9 | 3 | 31 | 4-25 | 5-25 | 68.9 | 65.3 |
| AGRIPRO NATCHEZ | 47.8 | 55.7 | 21 | 32 | 4-24 | 5-25 | 67.1 | |
| ROANE | 46.9 | 58.5 | 0 | 25 | 4-23 | 5-22 | 65.2 | 65.0 |
| AGRIPRO SHELBY | 46.7 | 58.3 | 9 | 31 | 4-23 | 5-22 | 62.1 | 64.6 |
| SABBE | 46.5 | 55.4 | 3 | 27 | 4-26 | 5-26 | 66.0 | 65.5 |
| TERRAL TV 8555 | 45.4 | 58.0 | 1 | 25 | 4-23 | 5-21 | 68.3 | 65.5 |
| NK COKER 9663 | 42.5 | 58.0 | 6 | 31 | 4-24 | 5-24 | 66.5 | 68.5 |
| Grand mean | 55.9 | 56.8 | 6 | 30 | 4-22 | 5-22 | 70.5 | 68.2 |
| LSD (5%) | 9.1 | 1.9 | 10 | 2 | 2 | 2 | 14.9 | 11.5 |
| C.V. (%) | 11.8 | 2.4 | 112 | 5 | 2 | 2 | 10.4 | 12.3 |

Ldg = Lodging Pt ht = Plant height

**HIGH INPUT WHEAT TEST
NORTHEAST RESEARCH AND EXTENSION CENTER, KEISER, AR**

SOIL SERIES....Sharkey silty clay
 PREVIOUS CROP....Soybean
 PLANTING DATE....October 11, 2000
 FERTILIZER....100 lb/A N on March 9, 2001; 100 lb/A N on March 21, 2001
 HERBICIDE....2 pt/A Hoelon on December 5, 2000; oz/A Harmony Extra + 1 pt/A 2,4-D on March 19, 2001
 FUNGICIDE....4 oz/A Tilt on April 16, 2001
 INSECTICIDE....None
 HARVEST DATE....June 20, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 0.9 | 6.0 | 3.3 | 2.2 | 6.8 | 3.7 | 1.1 | 4.9 | 28.9 |
| Normal | 2.4 | 4.1 | 4.7 | 3.4 | 3.0 | 4.8 | 5.1 | 5.3 | 32.8 |
| Departure | -1.5 | +1.9 | -1.4 | -1.2 | +3.8 | -1.1 | -4.0 | -0.4 | -3.9 |

Table 3. Performance of Wheat Cultivars in High Input Test, Keiser.

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| DELTA KING XTJ7777 | 72.8 | 57.4 | 8 | 32 | 4-23 | 5-23 | | |
| DELTA KING 9121 | 72.4 | 57.6 | 2 | 29 | 4-21 | 5-21 | 82.0 | 73.0 |
| DELTA KING 9216 | 72.3 | 57.7 | 6 | 32 | 4-18 | 5-23 | | |
| DELTA KING XTJ7531 | 71.5 | 55.6 | 4 | 32 | 4-23 | 5-21 | | |
| PIONEER BRAND 26R38 | 71.1 | 57.2 | 3 | 28 | 4-23 | 5-22 | 85.0 | |
| USG 3709 | 70.1 | 56.0 | 1 | 29 | 4-23 | 5-22 | 87.7 | 80.5 |
| AR 839-27-1-3 | 69.3 | 58.3 | 2 | 30 | 4-27 | 5-27 | 80.5 | |
| DELTA KING 1551W | 68.5 | 57.7 | 1 | 27 | 4-23 | 5-23 | 80.1 | 75.0 |
| F 334W | 67.5 | 58.4 | 10 | 32 | 4-25 | 5-26 | | |
| AGRIPRO M96*4403 | 66.7 | 56.8 | 23 | 30 | 4-23 | 5-23 | | |
| DELTA GROW 1100 | 66.4 | 57.8 | 8 | 29 | 4-23 | 5-22 | | |
| AR 839-25-8-2 | 65.7 | 58.5 | 1 | 27 | 4-25 | 5-26 | | |
| HBK X3020 | 65.5 | 57.4 | 9 | 30 | 4-24 | 5-23 | | |
| ARMOR 3035 | 65.1 | 58.1 | 4 | 31 | 4-23 | 5-23 | 79.0 | |
| NK COKER 9663 | 64.6 | 57.9 | 9 | 32 | 4-24 | 5-26 | 81.6 | 82.6 |
| TERRAL TV8910 | 64.3 | 57.3 | 4 | 29 | 4-23 | 5-22 | 81.5 | |
| VA98W-593 | 63.8 | 59.9 | 4 | 26 | 4-23 | 5-25 | | |
| DELTA KING XTJ3333 | 63.6 | 57.0 | 13 | 30 | 4-22 | 5-21 | | |
| STINE 454 | 63.5 | 57.4 | 8 | 29 | 4-22 | 5-21 | | |
| AGS 2000 | 63.3 | 57.7 | 11 | 28 | 4-22 | 5-25 | 86.8 | 85.6 |
| DELTA KING XTJ9486 | 63.3 | 58.6 | 6 | 33 | 4-23 | 5-22 | 83.2 | |
| FFR 551 | 62.7 | 56.2 | 15 | 25 | 4-25 | 5-24 | 80.1 | |
| STINE 422 | 62.6 | 56.5 | 24 | 28 | 4-23 | 5-22 | 81.2 | |
| DELTA KING XTJ9333 | 62.3 | 57.3 | 6 | 34 | 4-22 | 5-21 | | |
| DELTA KING 9027 | 62.1 | 57.0 | 9 | 31 | 4-21 | 5-20 | 82.3 | 79.4 |
| AR 839-28-1-2 | 61.1 | 57.4 | 1 | 28 | 4-24 | 5-24 | | |
| DIXIE 900 | 60.9 | 58.6 | 6 | 32 | 4-23 | 5-23 | 78.9 | |
| DIXIE 911 | 60.6 | 55.4 | 10 | 31 | 4-22 | 5-23 | 77.1 | 74.8 |
| SABBE | 60.3 | 55.0 | 6 | 27 | 4-28 | 5-29 | 77.0 | 76.6 |
| AGRIPRO PATTON | 60.3 | 56.8 | 4 | 29 | 4-24 | 5-23 | 77.9 | 72.9 |
| HBK X3030 | 60.1 | 56.9 | 4 | 27 | 4-20 | 5-21 | | |
| SOUTH. STATES SS 516 | 60.1 | 58.5 | 1 | 28 | 4-19 | 5-20 | 76.3 | |

Table 3. Continued

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| AGRIPRO SHELBY | 59.9 | 59.1 | 21 | 29 | 4-23 | 5-22 | 76.1 | 75.3 |
| PIONEER BRAND XW586 | 59.5 | 57.3 | 3 | 26 | 4-20 | 5-20 | | |
| DELTA GROW 5300 | 59.5 | 56.4 | 10 | 28 | 4-23 | 5-22 | | |
| FFR 522W | 59.3 | 59.3 | 10 | 27 | 4-22 | 5-21 | | |
| UGA 901146E15 | 59.2 | 55.0 | 3 | 25 | 4-22 | 5-23 | | |
| DELTA GROW 4888 | 59.0 | 57.6 | 9 | 30 | 4-23 | 5-23 | | |
| PROGENY 156 | 58.9 | 57.7 | 6 | 30 | 4-23 | 5-23 | 74.7 | 72.4 |
| LA 90518PB43-3-1-4 | 58.7 | 57.3 | 1 | 27 | 4-23 | 5-21 | | |
| USG 3209 | 58.5 | 58.0 | 4 | 25 | 4-23 | 5-23 | 81.6 | 77.8 |
| VA 96W-270 | 58.4 | 57.1 | 2 | 26 | 4-21 | 5-20 | 71.7 | |
| SOUTH. STATES SS 535 | 58.3 | 59.6 | 6 | 26 | 4-23 | 5-22 | 74.0 | |
| SOUTH. STATES SS 522 | 58.0 | 59.0 | 11 | 26 | 4-21 | 5-21 | 78.0 | 73.4 |
| TERRAL TV 8825 | 58.0 | 52.5 | 25 | 30 | 4-28 | 5-27 | 74.4 | 72.9 |
| PROGENY 103 | 58.0 | 56.1 | 14 | 28 | 4-23 | 5-22 | 72.9 | 71.7 |
| LA 90185G3-1-3-4-2 | 58.0 | 56.2 | 13 | 29 | 4-23 | 5-24 | | |
| PIONEER BRAND 26R46 | 57.9 | 57.9 | 2 | 27 | 4-23 | 5-22 | 78.4 | 77.7 |
| ARMOR 3135 | 57.5 | 58.5 | 9 | 32 | 4-22 | 5-22 | 76.9 | |
| DIXIE 2000 | 56.6 | 56.4 | 8 | 27 | 4-23 | 5-22 | 78.4 | 69.8 |
| VA97W-206 | 56.5 | 57.7 | 8 | 27 | 4-24 | 5-23 | | |
| PIONEER BRAND 26R24 | 56.4 | 58.0 | 11 | 28 | 4-22 | 5-22 | 78.5 | 75.5 |
| UGA 91426E39 | 56.3 | 56.3 | 4 | 27 | 4-23 | 5-22 | | |
| PIONEER BRAND 2684 | 56.2 | 57.6 | 4 | 28 | 4-22 | 5-22 | 78.8 | 76.8 |
| ARMOR 2025 | 56.2 | 57.2 | 11 | 31 | 4-23 | 5-22 | 79.4 | |
| DELTA KING XTJ7900 | 56.1 | 58.5 | 5 | 30 | 4-22 | 5-21 | | |
| ARMOR 4045 | 56.1 | 57.0 | 6 | 30 | 4-22 | 5-23 | 78.1 | |
| DIXIE 922 | 55.5 | 56.8 | 10 | 31 | 4-23 | 5-23 | 80.2 | |
| AR LA85411 | 55.4 | 58.3 | 4 | 27 | 4-23 | 5-24 | 81.5 | |
| AGRIPRO NATCHEZ | 55.4 | 55.6 | 36 | 31 | 4-24 | 5-26 | 76.0 | |
| AR 494B-2-2 | 54.9 | 55.3 | 11 | 31 | 4-27 | 5-26 | 71.8 | 74.1 |
| F 335W | 54.9 | 56.5 | 8 | 29 | 4-22 | 5-21 | | |
| FFR 558W | 54.8 | 58.2 | 13 | 29 | 4-26 | 5-26 | 76.7 | 74.6 |
| NK BL940812 | 54.5 | 59.5 | 3 | 26 | 4-24 | 5-24 | | |
| ROANE | 54.4 | 59.6 | 4 | 27 | 4-23 | 5-22 | 76.3 | 71.8 |
| DELTA KING XTJ7599 | 54.4 | 58.1 | 2 | 30 | 4-23 | 5-23 | | |
| FFR 510 | 53.0 | 57.7 | 5 | 29 | 4-21 | 5-20 | 76.5 | |
| AGRIPRO MASON | 52.3 | 54.3 | 9 | 31 | 4-21 | 5-21 | | |
| AGRIPRO SHILOH | 51.0 | 56.5 | 11 | 27 | 4-25 | 5-23 | 68.6 | 69.3 |
| NK BL940582 | 50.8 | 57.4 | 4 | 31 | 4-22 | 5-21 | | |
| CROPLAN GENET. SR218 | 50.6 | 57.1 | 15 | 33 | 4-25 | 5-25 | 71.4 | 66.9 |
| NK COKER 9543 | 50.0 | 55.5 | 28 | 26 | 4-23 | 5-21 | 64.8 | 65.6 |
| SOUTH. STATES SS 518 | 49.8 | 51.9 | 23 | 27 | 4-21 | 5-20 | 71.0 | |
| TERRAL TV 8555 | 49.5 | 55.5 | 3 | 26 | 4-24 | 5-22 | 72.8 | 68.9 |
| CROPLAN GENET. SR204 | 49.4 | 52.8 | 9 | 28 | 4-25 | 5-25 | 72.0 | 69.4 |
| AR 584A-3-1-3 | 45.4 | 53.2 | 33 | 29 | 4-23 | 5-21 | | |
| Grand mean | 59.2 | 56.9 | 9 | 29 | 4-23 | 5-23 | 77.3 | 74.2 |
| LSD (5%) | 10.5 | 2.7 | 9 | 2 | 2 | 2 | 12.1 | 9.9 |
| C.V. (%) | 12.8 | 3.4 | 67 | 6 | 3 | 2 | 10.6 | 11.3 |

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 18, 2000
 FERTILIZER.... 60 lb/A N on Feb. 20, 2001; 40 lb/A N on March 4, 2001; 16 lb N/A and 18 lb S/A on March 30, 2001
 HERBICIDE....1 pt/A Hoelon on November 21, 2000; oz/A Harmony Extra on March 7, 2001
 INSECTICIDE....1pt/A Methyl Parathion on April 27, 2001
 HARVEST DATE....June 4, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 0.3 | 7.8 | 3.4 | 3.2 | 8.0 | 2.2 | 4.0 | 4.0 | 32.9 |
| Normal | 3.0 | 4.4 | 4.8 | 4.4 | 4.1 | 5.4 | 5.5 | 5.2 | 36.8 |
| Departure | -2.7 | +3.4 | -1.4 | -1.2 | +3.9 | -3.2 | -1.5 | -1.2 | -3.9 |

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

| Entry Name | Yield | Test wt | Ldg | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-----------|-------------|----------|----------|
| | bu/A | lb/bu | % | -- | --bu/A----- | | |
| ARMOR 3035 | 93.8 | 58.6 | 0 | 4-20 | 5-20 | 92.1 | |
| LA 90185G3-1-3-4-2 | 90.8 | 57.8 | 1 | 4-17 | 5-22 | | |
| DELTA KING XTJ7777 | 86.0 | 58.7 | 1 | 4-20 | 5-19 | | |
| PIONEER BRAND 26R38 | 84.9 | 57.0 | 0 | 4-18 | 5-18 | 84.9 | |
| SOUTH. STATES SS 535 | 84.8 | 59.8 | 3 | 4-21 | 5-20 | 87.7 | |
| PIONEER BRAND 26R46 | 83.9 | 58.4 | 0 | 4-18 | 5-19 | 88.4 | 87.7 |
| NK BL940582 | 83.8 | 55.9 | 0 | 4-17 | 5-17 | | |
| TERRAL TV 8825 | 83.4 | 57.8 | 3 | 4-25 | 5-26 | 86.9 | 85.3 |
| DIXIE 900 | 83.2 | 58.4 | 1 | 4-18 | 5-21 | 94.2 | |
| UGA 901146E15 | 82.9 | 55.8 | 1 | 4-16 | 5-20 | | |
| FFR 522W | 82.7 | 60.1 | 1 | 4-17 | 5-19 | | |
| PIONEER BRAND 26R24 | 82.6 | 58.8 | 1 | 4-20 | 5-19 | 83.6 | 86.4 |
| AGRIPRO SHELBY | 81.9 | 59.3 | 0 | 4-21 | 5-21 | 91.3 | 93.0 |
| AGRIPRO SHILOH | 81.5 | 57.6 | 1 | 4-21 | 5-17 | 86.3 | 87.3 |
| DELTA KING 9216 | 81.3 | 57.8 | 1 | 4-22 | 5-22 | | |
| ARMOR 2025 | 81.3 | 55.6 | 1 | 4-17 | 5-19 | 90.7 | |
| TERRAL TV 8555 | 80.8 | 58.3 | 0 | 4-20 | 5-21 | 89.3 | 89.5 |
| AGRIPRO MASON | 80.6 | 57.6 | 0 | 4-17 | 5-18 | | |
| DELTA KING XTJ9333 | 80.6 | 58.1 | 0 | 4-21 | 5-20 | | |
| FFR 558W | 79.7 | 58.1 | 1 | 4-21 | 5-22 | 87.7 | 88.0 |
| DELTA KING XTJ7599 | 79.7 | 59.3 | 1 | 4-18 | 5-19 | | |
| AR 584A-3-1-3 | 79.5 | 56.0 | 3 | 4-17 | 5-17 | | |
| VA98W-593 | 79.4 | 59.7 | 0 | 4-21 | 5-22 | | |
| STINE 422 | 79.3 | 56.7 | 0 | 4-18 | 5-17 | 87.3 | |
| SOUTH. STATES SS 522 | 78.8 | 59.7 | 1 | 4-18 | 5-21 | 81.7 | 84.6 |
| DELTA KING XTJ7531 | 78.8 | 56.6 | 0 | 4-23 | 5-20 | | |
| AGS 2000 | 78.8 | 56.8 | 0 | 4-18 | 5-20 | 87.2 | 88.2 |
| AR 839-28-1-2 | 78.5 | 58.2 | 0 | 4-21 | 5-23 | | |
| LA 90518PB43-3-1-4 | 78.1 | 56.7 | 0 | 4-17 | 5-17 | | |
| NK COKER 9663 | 77.9 | 60.2 | 0 | 4-23 | 5-23 | 84.6 | 88.5 |
| DELTA GROW 4888 | 77.4 | 56.1 | 1 | 4-19 | 5-20 | | |
| AR 839-27-1-3 | 77.3 | 59.9 | 0 | 4-26 | 5-27 | 84.9 | |

Table 4. Continued

| Entry Name | Yield | Test wt | Ldg | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-----------|-----------|----------|------------|
| | bu/A | lb/bu | % | | | -- | -bu/A----- |
| AR 839-25-8-2 | 77.3 | 60.1 | 0 | 4-22 | 5-24 | | |
| AGRIPRO NATCHEZ | 77.3 | 56.5 | 1 | 4-25 | 5-24 | 84.5 | |
| DELTA KING XTJ7900 | 77.2 | 57.2 | 0 | 4-20 | 5-21 | | |
| SOUTH. STATES SS 518 | 76.7 | 55.8 | 0 | 4-17 | 5-17 | 80.2 | |
| ARMOR 4045 | 76.5 | 57.7 | 0 | 4-20 | 5-21 | 86.0 | |
| CROPLAN GENET. SR204 | 76.5 | 59.3 | 0 | 4-22 | 5-22 | 79.2 | 78.8 |
| USG 3209 | 76.4 | 56.9 | 1 | 4-18 | 5-17 | 82.9 | 86.3 |
| DIXIE 922 | 76.3 | 57.6 | 0 | 4-21 | 5-21 | 89.4 | |
| AR LA85411 | 75.7 | 60.3 | 0 | 4-21 | 5-18 | 82.7 | |
| AGRIPRO PATTON | 75.2 | 55.7 | 1 | 4-19 | 5-18 | 80.8 | 84.1 |
| UGA 91426E39 | 74.9 | 58.6 | 0 | 4-21 | 5-17 | | |
| F 334W | 74.5 | 58.0 | 1 | 4-23 | 5-26 | | |
| USG 3709 | 74.4 | 54.3 | 0 | 4-20 | 5-17 | 80.0 | 81.8 |
| ARMOR 3135 | 74.4 | 57.2 | 1 | 4-21 | 5-23 | 86.9 | |
| FFR 510 | 74.2 | 56.2 | 1 | 4-16 | 5-16 | 82.7 | |
| FFR 551 | 74.0 | 57.0 | 4 | 4-17 | 5-19 | 78.8 | |
| PIONEER BRAND 2684 | 73.8 | 59.5 | 0 | 4-17 | 5-17 | 80.4 | 84.9 |
| PROGENY 156 | 73.8 | 55.3 | 0 | 4-23 | 5-22 | 83.2 | 84.4 |
| HBK X3020 | 73.8 | 58.3 | 0 | 4-22 | 5-21 | | |
| DELTA KING XTJ9486 | 73.7 | 57.8 | 4 | 4-21 | 5-21 | 87.5 | |
| CROPLAN GENET. SR218 | 73.6 | 59.0 | 1 | 4-24 | 5-23 | 78.1 | 80.0 |
| PIONEER BRAND XW586 | 73.4 | 56.6 | 0 | 4-16 | 5-16 | | |
| STINE 454 | 73.4 | 56.8 | 1 | 4-19 | 5-18 | | |
| DELTA KING XTJ7357 | 73.1 | 57.4 | 4 | 4-20 | 5-17 | | |
| VA97W-206 | 72.5 | 57.5 | 0 | 4-21 | 5-17 | | |
| NK COKER 9543 | 72.4 | 58.0 | 10 | 4-17 | 5-17 | 76.0 | 77.7 |
| DIXIE 2000 | 71.9 | 54.1 | 6 | 4-17 | 5-17 | 83.4 | 80.5 |
| TERRAL TV8910 | 71.8 | 56.2 | 0 | 4-18 | 5-17 | 76.3 | |
| F 335W | 71.5 | 56.5 | 0 | 4-20 | 5-19 | | |
| DELTA GROW 5300 | 71.2 | 55.2 | 0 | 4-21 | 5-17 | | |
| AR 494B-2-2 | 71.0 | 56.8 | 0 | 4-25 | 5-22 | 80.6 | 82.2 |
| DELTA KING 1551W | 70.5 | 56.1 | 0 | 4-23 | 5-21 | 85.3 | 85.9 |
| NK BL940812 | 70.1 | 61.9 | 0 | 4-21 | 5-21 | | |
| PROGENY 103 | 69.4 | 54.5 | 1 | 4-21 | 5-18 | 81.9 | 86.8 |
| DELTA GROW 1100 | 69.1 | 55.8 | 1 | 4-20 | 5-17 | | |
| SABBE | 68.6 | 55.7 | 0 | 4-23 | 5-21 | 76.7 | 80.1 |
| HBK X3030 | 68.1 | 56.0 | 0 | 4-16 | 5-18 | | |
| DELTA KING 9121 | 67.7 | 56.4 | 1 | 4-19 | 5-17 | 75.0 | 79.2 |
| DELTA KING XTJ3333 | 67.3 | 51.5 | 14 | 4-17 | 5-17 | | |
| AGRIPRO M96*4403 | 66.6 | 54.5 | 0 | 4-20 | 5-19 | | |
| DIXIE 911 | 65.4 | 54.1 | 1 | 4-19 | 5-18 | 77.9 | 80.0 |
| VA 96W-270 | 65.3 | 57.7 | 4 | 4-16 | 5-19 | 74.6 | |
| ROANE | 64.6 | 58.2 | 0 | 4-22 | 5-19 | 80.2 | 83.5 |
| DELTA KING 9027 | 61.3 | 52.4 | 3 | 4-17 | 5-17 | 75.0 | 75.5 |
| SOUTH. STATES SS 516 | 60.0 | 57.9 | 0 | 4-17 | 5-16 | 72.0 | |
| Grand mean | 76.0 | 57.3 | 1 | 4-20 | 5-20 | 83.1 | 84.1 |
| LSD (5%) | 9.6 | 2.6 | 6 | 1 | 2 | 11.6 | 8.1 |
| C.V. (%) | 9.1 | 3.2 | 401 | 2 | 2 | 7.9 | 7.3 |

Ldg = Lodging

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

SOIL SERIES....Loring silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 18, 2000
 FERTILIZER.... 90 lb/A N on February 20; 60 lb/A N on March 4; 16 lb N/A and 18 lb S/A on March 30
 HERBICIDE....1 pt/A Hoelon on November 21, 2000; oz/A Harmony Extra on March 7, 2001
 FUNGICIDE....4 oz/A Tilt on April 10, 2001
 INSECTICIDE....1pt/A Methyl Parathion on April 27, 2001
 HARVEST DATE....June 4, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 0.3 | 7.8 | 3.4 | 3.2 | 8.0 | 2.2 | 4.0 | 4.0 | 32.9 |
| Normal | 3.0 | 4.4 | 4.8 | 4.4 | 4.1 | 5.4 | 5.5 | 5.2 | 36.8 |
| Departure | -2.7 | +3.4 | -1.4 | -1.2 | +3.9 | -3.2 | -1.5 | -1.2 | -3.9 |

Table 5. Performance of Wheat Cultivars in High Input Test, Marianna.

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| PIONEER BRAND 26R38 | 95.4 | 58.8 | 0 | 33 | 4-18 | 5-17 | 92.8 | |
| PIONEER BRAND 26R46 | 94.0 | 58.3 | 0 | 29 | 4-18 | 5-21 | 96.4 | 93.5 |
| PIONEER BRAND 26R24 | 92.9 | 60.3 | 1 | 29 | 4-19 | 5-21 | 96.9 | 98.6 |
| FFR 522W | 92.8 | 61.8 | 1 | 30 | 4-17 | 5-21 | | |
| DELTA GROW 4888 | 92.7 | 59.1 | 0 | 33 | 4-18 | 5-23 | | |
| AGRIPRO SHELBY | 91.8 | 60.3 | 1 | 33 | 4-22 | 5-24 | 94.2 | 94.2 |
| LA 90185G3-1-3-4-2 | 91.6 | 58.9 | 0 | 32 | 4-17 | 5-22 | | |
| VA98W-593 | 91.1 | 61.5 | 0 | 29 | 4-22 | 5-26 | | |
| USG 3209 | 90.5 | 58.9 | 0 | 24 | 4-17 | 5-19 | 85.1 | 89.8 |
| DIXIE 900 | 89.8 | 58.3 | 0 | 31 | 4-17 | 5-23 | 93.0 | |
| DELTA KING XTJ7777 | 89.7 | 58.8 | 0 | 33 | 4-20 | 5-21 | | |
| AGS 2000 | 89.7 | 59.1 | 0 | 30 | 4-17 | 5-21 | 96.9 | 95.6 |
| DELTA KING XTJ7531 | 89.6 | 59.0 | 0 | 32 | 4-23 | 5-21 | | |
| SOUTH. STATES SS 522 | 88.8 | 61.3 | 1 | 30 | 4-17 | 5-20 | 92.1 | 90.1 |
| DELTA KING XTJ7900 | 88.7 | 58.0 | 0 | 35 | 4-18 | 5-23 | | |
| PROGENY 156 | 87.9 | 59.3 | 0 | 33 | 4-23 | 5-26 | 96.4 | 94.5 |
| DELTA KING XTJ9486 | 87.8 | 58.1 | 0 | 34 | 4-18 | 5-22 | 96.8 | |
| SOUTH. STATES SS 535 | 87.7 | 60.3 | 3 | 29 | 4-18 | 5-20 | 93.4 | |
| ARMOR 3035 | 87.5 | 59.1 | 0 | 33 | 4-19 | 5-23 | 99.1 | |
| FFR 558W | 87.5 | 60.3 | 0 | 32 | 4-20 | 5-25 | 94.0 | 93.5 |
| ARMOR 2025 | 87.5 | 58.3 | 0 | 31 | 4-17 | 5-20 | 94.3 | |
| DELTA KING 9216 | 87.4 | 59.6 | 0 | 33 | 4-23 | 5-25 | | |
| PIONEER BRAND 2684 | 87.4 | 60.3 | 4 | 27 | 4-17 | 5-18 | 96.3 | 101.3 |
| PIONEER BRAND XW586 | 87.2 | 57.8 | 0 | 30 | 4-16 | 5-17 | | |
| SOUTH. STATES SS 518 | 87.0 | 56.4 | 1 | 26 | 4-16 | 5-17 | 88.5 | |
| TERRAL TV 8555 | 86.9 | 59.2 | 0 | 27 | 4-20 | 5-18 | 88.7 | 91.0 |
| HBK X3020 | 86.7 | 58.6 | 1 | 32 | 4-22 | 5-26 | | |
| F 334W | 86.5 | 60.5 | 0 | 35 | 4-25 | 5-27 | | |
| AGRIPRO NATCHEZ | 86.4 | 57.2 | 0 | 33 | 4-25 | 5-25 | 94.9 | |
| UGA 901146E15 | 85.9 | 57.1 | 0 | 27 | 4-16 | 5-20 | | |
| DIXIE 922 | 85.8 | 58.5 | 0 | 32 | 4-18 | 5-21 | 93.2 | |
| ARMOR 4045 | 85.6 | 58.3 | 1 | 34 | 4-18 | 5-22 | 94.4 | |

Table 5. Continued

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | % | in | | ----bu/A---- | | |
| UGA 91426E39 | 85.3 | 60.7 | 0 | 29 | 4-20 | 5-17 | | |
| USG 3709 | 85.2 | 56.2 | 0 | 30 | 4-19 | 5-18 | 88.5 | 88.9 |
| AR LA85411 | 85.0 | 61.3 | 0 | 32 | 4-20 | 5-19 | 90.4 | |
| AR 839-28-1-2 | 84.9 | 60.8 | 0 | 32 | 4-23 | 5-18 | | |
| STINE 422 | 84.6 | 57.9 | 0 | 28 | 4-18 | 5-17 | 93.8 | |
| NK BL940582 | 84.5 | 58.7 | 1 | 34 | 4-17 | 5-17 | | |
| AR 839-25-8-2 | 84.4 | 60.7 | 0 | 30 | 4-22 | 5-24 | | |
| FFR 551 | 84.4 | 57.8 | 1 | 27 | 4-17 | 5-19 | 92.5 | |
| AR 494B-2-2 | 84.3 | 59.7 | 1 | 34 | 4-25 | 5-25 | 89.7 | 90.1 |
| NK COKER 9663 | 84.3 | 60.9 | 0 | 34 | 4-23 | 5-18 | 95.8 | 95.8 |
| F 335W | 84.3 | 57.5 | 1 | 31 | 4-17 | 5-20 | | |
| VA97W-206 | 84.2 | 58.3 | 4 | 28 | 4-19 | 5-17 | | |
| TERRAL TV 8825 | 83.9 | 56.2 | 4 | 31 | 4-25 | 5-26 | 87.9 | 83.9 |
| LA 90518PB43-3-1-4 | 83.5 | 57.3 | 0 | 30 | 4-17 | 5-18 | | |
| AR 839-27-1-3 | 83.4 | 60.2 | 0 | 34 | 4-27 | 5-28 | 90.5 | |
| AR 584A-3-1-3 | 83.3 | 58.0 | 9 | 30 | 4-17 | 5-17 | | |
| DELTA GROW 5300 | 83.1 | 57.3 | 3 | 31 | 4-21 | 5-18 | | |
| CROPLAN GENET. SR218 | 83.1 | 60.3 | 0 | 34 | 4-25 | 5-26 | 89.7 | 89.4 |
| AGRIPRO MASON | 82.9 | 57.0 | 0 | 30 | 4-17 | 5-17 | | |
| DELTA KING 1551W | 82.8 | 59.5 | 0 | 30 | 4-24 | 5-23 | 94.4 | 93.0 |
| FFR 510 | 82.7 | 56.8 | 2 | 30 | 4-15 | 5-17 | 92.1 | |
| PROGENY 103 | 82.4 | 56.6 | 0 | 32 | 4-20 | 5-21 | 91.7 | 92.1 |
| DELTA KING XTJ7599 | 82.4 | 59.7 | 0 | 32 | 4-18 | 5-19 | | |
| NK COKER 9543 | 82.3 | 59.2 | 3 | 28 | 4-17 | 5-17 | 85.3 | 85.6 |
| DELTA KING XTJ7357 | 82.2 | 59.6 | 2 | 32 | 4-18 | 5-19 | | |
| STINE 454 | 81.7 | 56.9 | 6 | 31 | 4-18 | 5-19 | | |
| AGRIPRO SHILOH | 81.3 | 58.4 | 1 | 33 | 4-21 | 5-17 | 90.6 | 89.9 |
| DELTA KING XTJ9333 | 81.3 | 59.5 | 0 | 37 | 4-20 | 5-22 | | |
| CROPLAN GENET. SR204 | 81.1 | 59.9 | 0 | 35 | 4-23 | 5-24 | 90.0 | 88.9 |
| ARMOR 3135 | 80.2 | 58.4 | 0 | 34 | 4-21 | 5-23 | 94.4 | |
| AGRIPRO M96*4403 | 78.8 | 56.3 | 6 | 30 | 4-18 | 5-19 | | |
| DELTA KING XTJ3333 | 78.7 | 57.0 | 2 | 28 | 4-17 | 5-18 | | |
| AGRIPRO PATTON | 77.9 | 57.1 | 0 | 32 | 4-18 | 5-17 | 85.8 | 88.6 |
| SOUTH. STATES SS 516 | 77.8 | 58.7 | 0 | 26 | 4-17 | 5-17 | 84.4 | |
| ROANE | 77.2 | 61.1 | 0 | 27 | 4-21 | 5-19 | 87.3 | 90.8 |
| DELTA GROW 1100 | 76.6 | 57.5 | 2 | 31 | 4-19 | 5-19 | | |
| SABBE | 76.2 | 56.7 | 0 | 34 | 4-24 | 5-23 | 87.4 | 89.7 |
| VA 96W-270 | 76.1 | 58.2 | 0 | 27 | 4-16 | 5-17 | 88.3 | |
| HBK X3030 | 76.0 | 57.1 | 0 | 25 | 4-16 | 5-19 | | |
| TERRAL TV8910 | 75.8 | 55.9 | 0 | 29 | 4-18 | 5-17 | 84.2 | |
| DIXIE 911 | 75.3 | 55.5 | 1 | 29 | 4-18 | 5-24 | 88.5 | 90.0 |
| NK BL940812 | 73.9 | 61.1 | 0 | 28 | 4-20 | 5-19 | | |
| DIXIE 2000 | 73.9 | 56.8 | 2 | 28 | 4-17 | 5-19 | 87.4 | 82.6 |
| DELTA KING 9027 | 73.7 | 56.4 | 1 | 28 | 4-17 | 5-17 | 86.7 | 87.8 |
| DELTA KING 9121 | 72.6 | 57.6 | 0 | 30 | 4-19 | 5-19 | 86.9 | 85.7 |
| Grand mean | 84.3 | 58.6 | 1 | 31 | 4-19 | 5-20 | 91.3 | 90.9 |
| LSD (5%) | 7.5 | 1.2 | 3 | | 1 | 4 | 12.6 | 10.0 |
| C.V. (%) | 6.4 | 1.5 | 227 | | 2 | 4 | 9.4 | 8.4 |

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 25, 2000
 FERTILIZER....60 lb/A N on February 21, 2001; 40 lb/A N on March 16, 2001; 150 lb/A 0-46-0 on April 1, 2001
 HERBICIDE..... oz/A Harmony Extra on March 14, 2001
 INSECTICIDE....3.5 oz/A Warrior T on April 30, 2001
 HARVEST DATE....June 13, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 1.5 | 7.8 | 4.2 | 3.7 | 9.2 | 2.7 | 3.7 | 4.2 | 37.0 |
| Normal | 2.7 | 4.4 | 4.6 | 4.0 | 4.0 | 5.1 | 5.2 | 4.7 | 34.7 |
| Departure | -1.2 | +3.4 | -0.4 | -0.3 | +5.2 | -2.4 | -1.5 | -0.5 | +2.3 |

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

| Entry Name | Yield | Test wt | Head date | Sept trit | Fusar stress | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | | % | % | --bu/A-- | |
| PIONEER BRAND 26R46 | 90.4 | 57.7 | 4-13 | 0 | 3 | 77.6 | |
| PIONEER BRAND 26R24 | 90.1 | 58.1 | 4-13 | 7 | 16 | 84.0 | |
| LA 90185G3-1-3-4-2 | 88.3 | 54.1 | 4-14 | 1 | 8 | | |
| AGRIPRO SHELBY | 87.2 | 57.7 | 4-14 | 2 | 10 | 81.9 | 82.2 |
| VA98W-593 | 85.5 | 58.2 | 4-14 | 1 | 23 | | |
| PIONEER BRAND 26R38 | 85.5 | 54.7 | 4-14 | 0 | 5 | 79.7 | |
| DELTA KING 9216 | 85.5 | 56.3 | 4-15 | 5 | 17 | | |
| STINE 422 | 85.4 | 54.5 | 4-13 | 4 | 28 | 83.4 | |
| PIONEER BRAND XW586 | 85.3 | 55.2 | 4-11 | 5 | 16 | | |
| AR 839-25-8-2 | 85.2 | 56.2 | 4-15 | 3 | 5 | | |
| AGRIPRO SHILOH | 85.2 | 55.1 | 4-13 | 2 | 11 | 73.1 | 74.8 |
| AGRIPRO NATCHEZ | 85.1 | 57.1 | 4-15 | 1 | 2 | 80.1 | |
| UGA 901146E15 | 84.8 | 55.5 | 4-11 | 4 | 31 | | |
| TERRAL TV 8555 | 84.6 | 57.4 | 4-14 | 2 | 11 | 85.2 | 87.3 |
| PROGENY 156 | 84.4 | 57.1 | 4-16 | 6 | 29 | 78.9 | 76.7 |
| AGS 2000 | 83.8 | 56.4 | 4-15 | 5 | 6 | 83.9 | 80.7 |
| DELTA KING XTJ9486 | 83.1 | 57.3 | 4-14 | 6 | 19 | 82.7 | |
| FFR 558W | 82.8 | 57.5 | 4-14 | 1 | 7 | 80.1 | 78.2 |
| DIXIE 900 | 82.8 | 56.4 | 4-13 | 5 | 12 | 85.8 | |
| ARMOR 3035 | 82.6 | 57.2 | 4-15 | 6 | 9 | 84.7 | |
| TERRAL TV 8825 | 82.6 | 57.1 | 4-16 | 1 | 2 | 77.2 | 76.1 |
| DELTA GROW 4888 | 82.3 | 55.3 | 4-15 | 5 | 8 | | |
| UGA 91426E39 | 82.2 | 56.5 | 4-13 | 3 | 15 | | |
| VA97W-206 | 82.1 | 56.7 | 4-13 | 2 | 15 | | |
| FFR 510 | 82.0 | 56.6 | 4-11 | 11 | 50 | 73.8 | |
| DELTA KING XTJ7777 | 81.9 | 55.8 | 4-14 | 1 | 8 | | |
| SABBE | 81.9 | 56.2 | 4-17 | 0 | 5 | 69.6 | 71.8 |
| ARMOR 2025 | 81.4 | 56.7 | 4-13 | 6 | 23 | 87.9 | |
| AR 839-27-1-3 | 81.4 | 56.8 | 4-17 | 2 | 3 | 78.7 | |
| AR 839-28-1-2 | 81.2 | 55.5 | 4-15 | 3 | 3 | | |
| DELTA KING 1551W | 81.0 | 56.0 | 4-15 | 3 | 16 | 80.8 | 78.1 |
| SOUTH. STATES SS 518 | 80.8 | 54.8 | 4-12 | 6 | 24 | 84.3 | |
| LA 90518PB43-3-1-4 | 79.9 | 56.2 | 4-12 | 2 | 40 | | |

Table 6. Continued

| Entry Name | Yield | Test wt | Head date | Sept trit | Fusar stress | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----------|-----------|--------------|----------|----------|
| | bu/A | lb/bu | | % | % | --bu/A-- | |
| AR 494B-2-2 | 79.5 | 57.4 | 4-17 | 2 | 5 | 78.5 | 70.9 |
| DIXIE 922 | 79.5 | 57.6 | 4-15 | 5 | 10 | 83.4 | |
| DELTA KING XTJ7900 | 78.5 | 56.0 | 4-14 | 13 | 19 | | |
| SOUTH. STATES SS 535 | 78.5 | 58.9 | 4-14 | 2 | 8 | 75.3 | |
| AGRIPRO MASON | 78.2 | 55.2 | 4-12 | 3 | 10 | | |
| DELTA KING XTJ7531 | 77.6 | 54.5 | 4-16 | 0 | 7 | | |
| DELTA KING XTJ9333 | 77.5 | 55.6 | 4-14 | 1 | 14 | | |
| FFR 522W | 77.4 | 57.8 | 4-13 | 3 | 29 | | |
| NK COKER 9543 | 77.3 | 57.1 | 4-13 | 9 | 26 | 75.3 | 68.8 |
| SOUTH. STATES SS 522 | 76.9 | 58.1 | 4-13 | 2 | 31 | 74.0 | 76.0 |
| DELTA KING XTJ7357 | 76.1 | 55.1 | 4-13 | 15 | 21 | | |
| USG 3209 | 75.8 | 57.6 | 4-13 | 11 | 13 | 87.6 | 83.3 |
| F 335W | 75.8 | 56.0 | 4-14 | 6 | 15 | | |
| ARMOR 4045 | 75.8 | 57.2 | 4-14 | 10 | 17 | 81.9 | |
| USG 3709 | 75.4 | 53.1 | 4-14 | 2 | 21 | 72.5 | 66.4 |
| HBK X3020 | 75.4 | 56.3 | 4-16 | 3 | 31 | | |
| NK COKER 9663 | 74.6 | 56.7 | 4-14 | 2 | 3 | 77.3 | 81.0 |
| DELTA KING XTJ7599 | 74.4 | 52.9 | 4-13 | 9 | 31 | | |
| CROPLAN GENET. SR218 | 74.3 | 57.3 | 4-17 | 3 | 7 | 75.3 | 71.4 |
| FFR 551 | 74.0 | 54.2 | 4-12 | 15 | 21 | 67.4 | |
| DIXIE 2000 | 73.9 | 54.8 | 4-13 | 5 | 70 | 74.5 | 71.6 |
| ARMOR 3135 | 73.4 | 56.2 | 4-15 | 9 | 11 | 77.2 | |
| NK BL940812 | 73.3 | 57.2 | 4-15 | 15 | 23 | | |
| PROGENY 103 | 73.2 | 55.0 | 4-13 | 9 | 28 | 76.0 | 75.7 |
| AR LA85411 | 72.9 | 55.8 | 4-15 | 2 | 8 | 80.0 | |
| HBK X3030 | 72.1 | 54.0 | 4-12 | 7 | 41 | | |
| ROANE | 71.8 | 56.7 | 4-14 | 13 | 23 | 75.1 | 79.8 |
| AR 584A-3-1-3 | 71.7 | 56.4 | 4-12 | 2 | 9 | | |
| DIXIE 911 | 71.6 | 54.8 | 4-13 | 1 | 60 | 73.7 | 71.7 |
| CROPLAN GENET. SR204 | 70.8 | 57.8 | 4-17 | 1 | 11 | 70.8 | 67.6 |
| DELTA KING XTJ3333 | 70.3 | 56.0 | 4-13 | 5 | 55 | | |
| PIONEER BRAND 2684 | 70.2 | 54.5 | 4-14 | 11 | 21 | 76.8 | 75.8 |
| DELTA KING 9027 | 70.0 | 54.8 | 4-13 | 3 | 59 | 75.5 | 74.7 |
| AGRIPRO M96*4403 | 69.8 | 56.2 | 4-14 | 1 | 46 | | |
| F 334W | 68.8 | 58.2 | 4-17 | 1 | 7 | | |
| DELTA GROW 5300 | 67.2 | 54.5 | 4-15 | 8 | 26 | | |
| TERRAL TV8910 | 66.3 | 52.0 | 4-14 | 5 | 59 | 67.6 | |
| VA 96W-270 | 66.0 | 55.8 | 4-12 | 13 | 28 | 74.9 | |
| STINE 454 | 64.5 | 54.3 | 4-14 | 6 | 45 | | |
| DELTA GROW 1100 | 64.4 | 54.3 | 4-14 | 6 | 50 | | |
| AGRIPRO PATTON | 64.0 | 53.8 | 4-15 | 3 | 69 | 66.4 | 67.5 |
| DELTA KING 9121 | 63.5 | 54.0 | 4-13 | 3 | 63 | 63.5 | 64.6 |
| NK BL940582 | 62.4 | 54.4 | 4-13 | 3 | 24 | | |
| SOUTH. STATES SS 516 | 58.9 | 54.3 | 4-12 | 8 | 83 | 69.8 | |
| Grand mean | 77.3 | 56.0 | 4-14 | 5 | 23 | 77.4 | 75.0 |
| LSD (5%) | 6.9 | 2.2 | 1 | 4 | 15 | 15.9 | 12.8 |
| C.V. (%) | 6.4 | 2.9 | 2 | 56 | 48 | 10.8 | 10.4 |

Sept trit = Septoria tritici

Fusar stress = premature death of plants caused by Fusarium root and crown rot

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

SOIL SERIES....Crowley silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 25, 2000
 FERTILIZER....90 lb/A N on February 21, 2001; 60 lb/A N on March 16, 2001; 150 lb/A 0-46-0 on April 1, 2001
 HERBICIDE..... oz/A Harmony Extra on March 14, 2001
 FUNGICIDE....4 oz/A Tilt on April 9, 2001
 INSECTICIDE....3.5 oz/A Warrior T on April 24, 2001
 HARVEST DATE....June 13, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 1.5 | 7.8 | 4.2 | 3.7 | 9.2 | 2.7 | 3.7 | 4.2 | 37.0 |
| Normal | 2.7 | 4.4 | 4.6 | 4.0 | 4.0 | 5.1 | 5.2 | 4.7 | 34.7 |
| Departure | -1.2 | +3.4 | -0.4 | -0.3 | +5.2 | -2.4 | -1.5 | -0.5 | +2.3 |

Table 7. Performance of Wheat Cultivars in High Input Test, Stuttgart.

| Entry Name | Yield | Test wt | Head date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|------------|----------|----------|
| | bu/A | lb/bu | ---bu/A--- | | |
| PIONEER BRAND 26R24 | 92.9 | 57.7 | 4-14 | 88.2 | 81.5 |
| AGRIPRO SHELBY | 90.3 | 58.2 | 4-15 | 80.3 | 82.4 |
| UGA 901146E15 | 88.7 | 54.5 | 4-12 | | |
| AGS 2000 | 88.2 | 57.3 | 4-14 | 87.1 | 83.2 |
| PIONEER BRAND 26R38 | 87.9 | 56.1 | 4-15 | 84.1 | |
| LA 90185G3-1-3-4-2 | 87.9 | 56.8 | 4-14 | | |
| PIONEER BRAND XW586 | 87.5 | 55.0 | 4-12 | | |
| VA98W-593 | 86.3 | 59.2 | 4-14 | | |
| TERRAL TV 8555 | 85.5 | 57.1 | 4-14 | 86.3 | 82.2 |
| SOUTH. STATES SS 522 | 84.6 | 57.5 | 4-14 | 78.1 | 75.8 |
| FFR 510 | 84.5 | 55.4 | 4-12 | 80.9 | |
| AR 839-28-1-2 | 83.6 | 56.5 | 4-16 | | |
| STINE 422 | 83.4 | 54.9 | 4-12 | 80.5 | |
| DELTA KING XTJ7777 | 83.3 | 57.3 | 4-14 | | |
| SOUTH. STATES SS 518 | 83.3 | 57.2 | 4-13 | 86.3 | |
| FFR 558W | 82.9 | 57.0 | 4-15 | 82.2 | 82.1 |
| PIONEER BRAND 26R46 | 82.9 | 57.4 | 4-14 | 79.9 | 77.3 |
| AR 839-27-1-3 | 82.9 | 56.4 | 4-17 | 79.4 | |
| AGRIPRO NATCHEZ | 82.9 | 57.0 | 4-15 | 84.3 | |
| FFR 522W | 82.4 | 59.4 | 4-14 | | |
| DELTA KING 9216 | 82.2 | 56.8 | 4-16 | | |
| VA97W-206 | 81.9 | 57.0 | 4-13 | | |
| PROGENY 156 | 81.7 | 55.9 | 4-17 | 76.9 | 75.0 |
| AGRIPRO SHILOH | 81.6 | 56.7 | 4-14 | 78.0 | 75.3 |
| AR 839-25-8-2 | 81.5 | 56.6 | 4-15 | | |
| ARMOR 4045 | 81.4 | 56.3 | 4-14 | 86.0 | |
| DIXIE 922 | 81.3 | 54.7 | 4-16 | 82.8 | |
| AGRIPRO MASON | 80.7 | 54.9 | 4-12 | | |
| NK COKER 9663 | 80.4 | 57.6 | 4-15 | 79.5 | 81.2 |
| DELTA GROW 4888 | 80.3 | 57.6 | 4-15 | | |
| DELTA KING 1551W | 79.9 | 55.2 | 4-14 | 78.3 | 74.5 |
| HBK X3020 | 79.8 | 57.0 | 4-16 | | |

Table 7. Continued

| Entry Name | Yield | Test wt | Head date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|---------------|----------|----------|
| | bu/A | lb/bu | ----bu/A----- | | |
| ARMOR 3035 | 79.8 | 57.5 | 4-15 | 82.7 | |
| ARMOR 2025 | 79.8 | 57.0 | 4-13 | 83.5 | |
| DELTA KING XTJ9486 | 79.6 | 56.6 | 4-15 | 82.2 | |
| NK COKER 9543 | 79.4 | 59.3 | 4-13 | 75.7 | 70.2 |
| USG 3709 | 79.1 | 55.0 | 4-14 | 81.5 | 72.4 |
| DELTA KING XTJ7599 | 79.1 | 56.8 | 4-13 | | |
| USG 3209 | 78.8 | 58.0 | 4-14 | 82.0 | 78.9 |
| DIXIE 900 | 78.6 | 57.2 | 4-14 | 85.3 | |
| DELTA KING XTJ7900 | 78.3 | 57.5 | 4-14 | | |
| SOUTH. STATES SS 535 | 78.3 | 59.2 | 4-16 | 76.8 | |
| DELTA KING XTJ7531 | 78.3 | 56.2 | 4-16 | | |
| HBK X3030 | 78.1 | 56.5 | 4-13 | | |
| ARMOR 3135 | 77.9 | 57.6 | 4-16 | 82.3 | |
| DELTA KING 9027 | 77.3 | 55.5 | 4-13 | 76.3 | 74.6 |
| DELTA KING XTJ3333 | 77.1 | 56.7 | 4-14 | | |
| LA 90518PB43-3-1-4 | 76.7 | 55.5 | 4-14 | | |
| UGA 91426E39 | 76.5 | 57.7 | 4-14 | | |
| F 335W | 76.4 | 57.1 | 4-14 | | |
| ROANE | 76.3 | 57.8 | 4-13 | 78.5 | 80.3 |
| CROPLAN GENET. SR218 | 76.1 | 57.0 | 4-17 | 74.8 | 69.8 |
| AR 584A-3-1-3 | 75.7 | 56.9 | 4-15 | | |
| SABBE | 75.7 | 55.7 | 4-16 | 80.8 | 83.2 |
| CROPLAN GENET. SR204 | 75.6 | 59.2 | 4-16 | 72.1 | 67.6 |
| PIONEER BRAND 2684 | 75.3 | 58.3 | 4-14 | 79.3 | 80.6 |
| AGRIPRO M96*4403 | 75.3 | 55.6 | 4-14 | | |
| DELTA KING XTJ9333 | 75.3 | 57.4 | 4-15 | | |
| F 334W | 75.3 | 57.2 | 4-16 | | |
| FFR 551 | 74.6 | 56.6 | 4-13 | 78.4 | |
| DELTA GROW 5300 | 73.8 | 55.6 | 4-13 | | |
| AR 494B-2-2 | 72.8 | 57.3 | 4-17 | 76.1 | 75.9 |
| TERRAL TV 8825 | 72.8 | 56.4 | 4-18 | 76.1 | 72.3 |
| DELTA KING XTJ7357 | 72.4 | 56.4 | 4-14 | | |
| AR LA85411 | 71.9 | 56.5 | 4-16 | 74.0 | |
| PROGENY 103 | 70.8 | 56.0 | 4-14 | 77.8 | 77.6 |
| VA 96W-270 | 70.3 | 57.0 | 4-12 | 75.3 | |
| DIXIE 2000 | 70.0 | 57.3 | 4-13 | 70.8 | 67.8 |
| DIXIE 911 | 69.6 | 56.5 | 4-13 | 71.9 | 70.8 |
| NK BL940812 | 68.7 | 57.6 | 4-15 | | |
| TERRAL TV8910 | 67.8 | 54.3 | 4-14 | 75.2 | |
| NK BL940582 | 67.8 | 53.1 | 4-13 | | |
| STINE 454 | 67.3 | 55.0 | 4-14 | | |
| DELTA GROW 1100 | 65.8 | 55.4 | 4-14 | | |
| AGRIPRO PATTON | 63.3 | 53.8 | 4-15 | 71.1 | 69.5 |
| DELTA KING 9121 | 60.6 | 54.3 | 4-13 | 68.0 | 66.4 |
| SOUTH. STATES SS 516 | 58.9 | 54.8 | 4-12 | 70.4 | |
| Grand mean | 78.1 | 56.6 | 4-14 | 79.1 | 75.9 |
| LSD (5%) | 4.9 | 1.8 | 1 | 12.5 | 10.5 |
| C.V. (%) | 4.5 | 2.3 | 2 | 9.2 | 9.3 |

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

SOIL SERIES....Bowie silt loam
PREVIOUS CROP....Fallow
PLANTING DATE....October 30, 2000
FERTILIZER....2000 lb/A dolomitic lime on Sept. 13, 2000; 70 lb/A K and 40 lb/A N on Nov. 1, 2000; 31 lb/A N and 36 lb/A S on Feb. 20, 2001; 51 lb/A N on March 7, 2001
HERBICIDE.... pt/A Buctril and 0.44 oz/A Harmony Extra on March 7, 2001
INSECTICIDE....6 oz/A Warrior T on April 23, 2001
HARVEST DATE....June 4, 2001
PRECIPITATION

| | <u>Oct</u> | <u>Nov</u> | <u>Dec</u> | <u>Jan</u> | <u>Feb</u> | <u>Mar</u> | <u>Apr</u> | <u>May</u> | <u>Total</u> |
|-----------|--------------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 1.2 | 14.2 | 3.8 | 5.6 | 8.6 | 6.0 | 3.0 | 10.4 | 52.8 |
| Normal | 3.3 | 4.4 | 4.1 | 3.8 | 3.8 | 4.6 | 5.6 | 5.4 | 35.0 |
| Departure | -2.1 | +9.8 | -0.3 | +1.8 | +4.8 | +1.4 | -2.6 | +5.0 | +17.8 |

Table 8. Performance of Wheat Cultivars in Standard Performance Test, Lewisville.

| Entry Name | Yield | Test wt | Pt ht | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-------|--------------|----------|
| | bu/A | lb/bu | in | ----bu/A---- | |
| CROPLAN GENET. SR218 | 70.4 | 54.7 | 33 | 66.4 | 56.8 |
| TERRAL TV 8555 | 70.4 | 52.0 | 28 | 69.2 | 65.1 |
| LA 90185G3-1-3-4-2 | 68.3 | 52.8 | 31 | | |
| SOUTH. STATES SS 518 | 67.8 | 51.4 | 29 | 66.4 | |
| USG 3709 | 67.7 | 52.8 | 32 | 61.2 | 56.9 |
| ARMOR 2025 | 67.4 | 53.1 | 32 | 62.0 | |
| PROGENY 103 | 66.4 | 52.5 | 30 | 69.8 | 63.6 |
| PIONEER BRAND 2684 | 66.3 | 55.5 | 30 | 74.1 | 69.4 |
| LA 90518PB43-3-1-4 | 65.9 | 53.6 | 32 | | |
| CROPLAN GENET. SR204 | 65.7 | 55.7 | 32 | 60.7 | 52.7 |
| UGA 901146E15 | 65.4 | 52.6 | 27 | | |
| SOUTH. STATES SS 522 | 65.1 | 55.1 | 29 | 63.0 | 58.5 |
| DELTA KING 1551W | 65.0 | 53.0 | 29 | 66.3 | 62.6 |
| AR 584A-3-1-3 | 65.0 | 54.1 | 30 | | |
| AGS 2000 | 64.9 | 53.5 | 29 | 77.7 | 72.2 |
| ARMOR 4045 | 64.8 | 52.8 | 32 | 61.2 | |
| AGRIPRO M96*4403 | 64.1 | 52.0 | 30 | | |
| PIONEER BRAND 26R24 | 64.1 | 53.3 | 29 | 71.9 | 62.5 |
| DIXIE 2000 | 63.6 | 52.2 | 31 | 65.0 | 58.4 |
| DELTA KING XTJ7900 | 63.6 | 53.3 | 32 | | |
| FFR 510 | 63.5 | 53.4 | 30 | 73.2 | |
| AGRIPRO SHILOH | 63.4 | 53.3 | 29 | 52.9 | 50.8 |
| TERRAL TV8910 | 63.3 | 50.9 | 30 | 66.0 | |
| DELTA KING XTJ7531 | 63.1 | 51.2 | 31 | | |
| NK COKER 9543 | 62.8 | 56.0 | 26 | 59.0 | 57.9 |
| AR 494B-2-2 | 62.8 | 53.9 | 32 | 63.2 | 57.2 |
| DELTA GROW 1100 | 62.5 | 54.2 | 34 | | |
| ROANE | 62.5 | 55.8 | 26 | 75.2 | 69.0 |
| SABBE | 62.5 | 52.7 | 32 | 63.6 | 54.0 |
| F 334W | 62.3 | 55.6 | 33 | | |
| FFR 558W | 62.2 | 54.0 | 30 | 64.4 | 56.0 |
| PROGENY 156 | 62.0 | 52.1 | 30 | 68.6 | 62.6 |

Table 8. Continued

| Entry Name | Yield | Test wt | Pt ht | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-------|--------------|----------|
| | bu/A | lb/bu | in | ----bu/A---- | |
| ARMOR 3035 | 61.9 | 54.2 | 33 | 62.5 | |
| DELTA GROW 4888 | 61.7 | 53.9 | 33 | 60.7 | |
| DELTA KING 9027 | 61.7 | 51.8 | 31 | 66.3 | 57.2 |
| HBK X3020 | 61.7 | 51.0 | 30 | | |
| FFR 522W | 61.6 | 55.3 | 28 | | |
| VA 96W-270 | 61.6 | 54.9 | 30 | 71.4 | |
| DELTA KING XTJ3333 | 61.0 | 52.5 | 31 | | |
| DIXIE 900 | 60.8 | 53.5 | 34 | 62.4 | |
| TERRAL TV 8825 | 60.7 | 52.6 | 28 | 59.6 | 59.5 |
| USG 3209 | 60.7 | 53.3 | 26 | 74.9 | 69.9 |
| PIONEER BRAND 26R38 | 60.3 | 53.3 | 33 | 70.2 | |
| F 335W | 60.0 | 52.2 | 33 | | |
| FFR 551 | 59.8 | 53.5 | 25 | 68.6 | |
| VA98W-593 | 59.8 | 57.0 | 27 | | |
| DELTA KING XTJ9486 | 59.7 | 54.3 | 33 | 60.6 | |
| AR LA85411 | 59.7 | 56.6 | 34 | 69.7 | |
| NK BL940582 | 59.5 | 54.6 | 35 | | |
| AR 839-28-1-2 | 59.4 | 53.6 | 30 | | |
| STINE 454 | 59.2 | 53.9 | 35 | | |
| AGRIPRO PATTON | 59.1 | 49.8 | 29 | 63.7 | 60.1 |
| SOUTH. STATES SS 535 | 58.9 | 55.4 | 26 | 64.7 | |
| ARMOR 3135 | 58.9 | 52.8 | 32 | 59.0 | |
| DIXIE 911 | 58.9 | 52.0 | 31 | 63.4 | 56.2 |
| VA97W-206 | 58.7 | 53.2 | 28 | | |
| AGRIPRO MASON | 58.6 | 54.2 | 27 | | |
| AGRIPRO NATCHEZ | 58.6 | 51.2 | 29 | 67.9 | |
| DELTA KING XTJ9333 | 58.5 | 53.5 | 35 | | |
| UGA 91426E39 | 58.5 | 54.3 | 27 | | |
| PIONEER BRAND 26R46 | 58.3 | 54.7 | 31 | 61.3 | 55.4 |
| SOUTH. STATES SS 516 | 58.1 | 54.8 | 29 | 61.3 | |
| DELTA KING XTJ7357 | 57.7 | 53.1 | 28 | | |
| NK COKER 9663 | 57.2 | 54.9 | 33 | 64.9 | 64.4 |
| PIONEER BRAND XW586 | 57.1 | 54.5 | 29 | | |
| HBK X3030 | 57.0 | 53.2 | 27 | | |
| DELTA GROW 5300 | 57.0 | 51.9 | 30 | | |
| DIXIE 922 | 56.6 | 54.3 | 32 | 60.0 | |
| DELTA KING XTJ7777 | 55.8 | 54.8 | 34 | | |
| NK BL940812 | 54.9 | 56.5 | 26 | | |
| DELTA KING XTJ7599 | 54.6 | 53.8 | 30 | | |
| AGRIPRO SHELBY | 54.5 | 54.0 | 32 | 63.9 | 60.2 |
| AR 839-27-1-3 | 54.5 | 55.4 | 32 | 59.9 | |
| DELTA KING 9121 | 54.3 | 52.7 | 28 | 57.1 | 53.8 |
| DELTA KING 9216 | 54.2 | 51.6 | 31 | | |
| STINE 422 | 53.5 | 52.8 | 29 | 54.4 | |
| AR 839-25-8-2 | 51.9 | 53.5 | 29 | | |
| Grand mean | 61.1 | 53.6 | 30 | 64.9 | 60.1 |
| LSD (5%) | 11.0 | 1.3 | 1 | 15.5 | 12.4 |
| C.V. (%) | 13.0 | 1.8 | 3 | 12.5 | 13.3 |

Pt ht = Plant height

OAT TEST
COTTON BRANCH STATION, MARIANNA, AR

SOIL SERIES....Loring silt loam
 PREVIOUS CROP....Peas
 PLANTING DATE....October 18, 2000
 FERTILIZER.... 60 lb/A N on Feb. 20, 2001; 40 lb/A N on March 4, 2001; 16 lb N/A and 18 lb S/A on March 30, 2001
 HERBICIDE.... oz/A Harmony Extra on March 7, 2001
 INSECTICIDE....1 pt/A Methyl Parathion on April 27, 2001
 HARVEST DATE....June 4, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 0.3 | 7.8 | 3.4 | 3.2 | 8.0 | 2.2 | 4.0 | 4.0 | 32.9 |
| Normal | 3.0 | 4.4 | 4.8 | 4.4 | 4.1 | 5.4 | 5.5 | 5.2 | 36.8 |
| Departure | -2.7 | +3.4 | -1.4 | -1.2 | +3.9 | -3.2 | -1.5 | -1.2 | -3.9 |

Table 9. Performance of Oat Cultivars at Marianna.

| Entry Name | Yield | Test wt | Ldg | Pt ht | Head date | Mat. date |
|----------------------|-------|---------|-----|-------|-----------|-----------|
| | bu/A | lb/bu | % | in | | |
| HARRISON | 94.0 | 33.8 | 0 | 32 | 4-28 | 5-19 |
| LA 9339E45 | 92.7 | 34.0 | 0 | 30 | 4-30 | 5-24 |
| TX 96D093 | 89.8 | 33.3 | 8 | 27 | 4-29 | 5-21 |
| HORIZON 314 | 89.1 | 30.6 | 4 | 28 | 4-28 | 5-22 |
| FL X474-1-B2-8-W1 | 86.2 | 36.1 | 10 | 27 | 4-19 | 5-17 |
| LA 9344E10 | 76.2 | 32.7 | 0 | 26 | 4-28 | 5-18 |
| SECRETARIAT LA495 | 73.4 | 31.8 | 5 | 28 | 4-27 | 5-19 |
| TX 96D011 | 73.1 | 31.6 | 28 | 22 | 4-26 | 5-18 |
| TX 94D081 | 73.0 | 35.2 | 3 | 24 | 4-26 | 5-17 |
| LA90113AFL2-1-19-3-1 | 68.5 | 31.7 | 40 | 25 | 4-27 | 5-23 |
| LA604 | 63.4 | 32.6 | 0 | 27 | 4-28 | 5-24 |
| CHAPMAN | 62.0 | 31.8 | 0 | 25 | 4-22 | 5-18 |
| Grand mean | 78.5 | 32.9 | 8 | 27 | 4-27 | 5-20 |
| LSD (5%) | 27.4 | 2.3 | 16 | | 1 | 2 |
| C.V. (%) | 24.4 | 4.9 | 137 | | 2 | 2 |

Ldg = Lodging
 Pt ht = Plant height

OAT TEST
RICE RESEARCH & EXTENSION CENTER, STUTTGART, AR

SOIL SERIES....Crowley silt loam
 PREVIOUS CROP....Fallow
 PLANTING DATE....October 25, 2000
 FERTILIZER....60 lb/A N on February 21, 2001; 40 lb/A N on March 16, 2001; 150 lb/A 0-46-0 on April 1, 2001
 HERBICIDE..... oz/A Harmony Extra on March 14, 2001
 INSECTICIDE....3.5 oz/A Warrior T on April 30, 2001
 HARVEST DATE....June 13, 2001
 PRECIPITATION

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Total |
|-----------|--------------------|------|------|------|------|------|------|------|-------|
| | ----- Inches ----- | | | | | | | | |
| 2000-2001 | 1.5 | 7.8 | 4.2 | 3.7 | 9.2 | 2.7 | 3.7 | 4.2 | 37.0 |
| Normal | 2.7 | 4.4 | 4.6 | 4.0 | 4.0 | 5.1 | 5.2 | 4.7 | 34.7 |
| Departure | -1.2 | +3.4 | -0.4 | -0.3 | +5.2 | -2.4 | -1.5 | -0.5 | +2.3 |

Table 10. Performance of Oat Cultivars at Stuttgart.

| Entry Name | Yield | Test wt | Ldg | Head date | 2-Yr avg | 3-Yr avg |
|----------------------|-------|---------|-----|-----------|----------|------------|
| | bu/A | lb/bu | % | | | ---bu/A--- |
| HORIZON 314 | 132.8 | 33.4 | 4 | 4-22 | 130.5 | 123.6 |
| HARRISON | 128.2 | 35.0 | 3 | 4-22 | 122.2 | |
| LA90113AFL2-1-19-3-1 | 123.7 | 34.1 | 5 | 4-21 | 128.7 | 132.9 |
| TX 96D093 | 118.2 | 34.3 | 3 | 4-22 | | |
| CHAPMAN | 117.8 | 32.8 | 0 | 4-21 | 106.5 | 109.3 |
| LA 9344E10 | 117.6 | 31.4 | 4 | 4-23 | 108.0 | |
| TX 94D081 | 116.9 | 36.0 | 13 | 4-21 | | |
| SECRETARIAT LA495 | 113.2 | 32.6 | 20 | 4-21 | 108.5 | 110.0 |
| LA 9339E45 | 103.1 | 33.5 | 0 | 4-23 | 101.6 | |
| LA604 | 102.6 | 33.0 | 6 | 4-24 | 102.5 | 97.5 |
| FL X474-1-B2-8-W1 | 97.0 | 37.5 | 34 | 4-18 | | |
| TX 96D011 | 80.0 | 32.3 | 4 | 4-22 | | |
| Grand mean | 112.6 | 33.8 | 8 | 4-22 | 113.6 | 114.7 |
| LSD (5%) | 21.1 | 0.8 | 17 | 1 | 17.6 | 19.7 |
| C.V. (%) | 13.1 | 1.7 | 149 | 2 | 11.6 | 11.0 |

Ldg = Lodging

PARTICIPANTS AND ENTRIES
2000 - 2001 ARKANSAS SMALL-GRAIN CULTIVAR PERFORMANCE TESTS

Companies

Agripro Seeds, Inc.
P.O. Box 2365
Jonesboro, AR 72402
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AGRIPRO Shiloh
AGRIPRO Patton
AGRIPRO Shelby

AGRIPRO Natchez
AGRIPRO Mason
AGRIPRO MA*4403

AGSouth Genetics LLC
P.O. Box 88823
Dunwoody, GA 30356
(770) 350-0011

AGS 2000

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

LA604 (oat)
Harrison (oat)

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

Dixie 911
Dixie 2000

Dixie 900
Dixie 922

Croplan Genetics
P.O. Box 146
Blytheville, AR 72315
(800) 530-7922

Croplan Genetics SR204
Croplan Genetics SR218

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

Armor 2025
Armor 3135

Armor 4045
Armor 3035

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

Delta Grow 5300
Delta Grow 1100
Delta Grow 4888

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

Delta King 9121
Delta King 1551W
Delta King 9216
Delta King 9027

Delta King XTJ7777
Delta King XTJ9333
Delta King XTJ3333
Delta King XTJ7599

Delta King XTJ 7531
Delta King XTJ 7900
Delta King XTJ 7357
Delta King XTJ9486

FFR Seed
969 Cloverleaf Dr.
Southhaven, MS 38671
(800) 366-2667 Ext. 298

FFR 522W
FFR 558W

FFR 510
FFR 551

Hornbeck Seed Co., Inc.
P.O. Box 472
DeWitt, AR 72042-0472

HBK X9097W
HBK X9127W

Illinois Foundation Seeds
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Champaign, IL 61824-0722

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F 335W

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Huntsville, AL 35806
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Pioneer Brand 26R46
Pioneer Brand XW 586

Pioneer Brand 26R24
Pioneer Brand 26R38

Plantation Seed Conditioners, Inc.
Rt. 1, Box 695
Newton, GA 31770-9716

Horizon 314 (oat)

Progeny Ag Products
1529 Hwy 193
Wynne, AR 72396
(870) 238-2079

Progeny 103
Progeny 156

Stine Seed Co.
P.O. Box 231
11430 E. SR 47
Sheridan, IN 46069-0231
(317) 758-0800

Stine 454
Stine 422

Southern States Coop.
P.O. Box 26234
Richmond, VA 26234
(804) 281-1203

Southern States SS 516
Southern States SS 522

Southern States SS 518
Southern States SS 535

Syngenta Seeds, Inc.
P.O. Box 729
Bay, AR 72411
(870) 483-7691

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NK BL 940582
NK BL 940812

Terral Seed, Inc.
P.O. Box 826
Lake Providence, LA 71254
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Terral TV8555

Terral TV8825
Terral Secretariat LA495 (oat)

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

USG 3209
USG 3709

Public Institutions

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Department of Agronomy
Fayetteville, AR 72701
Dr. Robert Bacon
(501) 575-5725

Sabbe
AR 494B-2-2
AR 839-25-8-2
AR 584A-3-1-3

AR 839-27-1-3
AR LA85411
AR 839-28-1-2

University of Florida
RT 3, Box 4370
Quincy, FL 32351
Dr. Ron Barnett
(850) 875-7118

Chapman (oat)
FLX 474-1-B2-8-W1 (oat)

University of Georgia
GA-Station
Griffin, GA 30223
Dr. Jerry Johnson
(770) 228-7321

UGA 901146E15
UGA 91426E39

Louisiana State University
Agronomy Department
Baton Rouge, LA 70803-2110
Dr. Steve Harrison
(504) 388-1308

LA 90518PB43-3-1-4
LA 9018563-1-3-4-2
LA 9344E10 (oat)

LA 9339E45 (oat)
LA 90113AFL2-1-19-3-1 (oat)

Texas A & M University
17360 Coit Road
Dallas, TX 75252-6599
(972) 952-9252

TX 94D081 (oats)
TX 96D011 (oats)
TX 96D093 (oats)

Virginia PI & State University
P.O. Box 78
Mt. Holly, VA 22524
(840) 472-3500

Roane
VA96W-270

VA97W206
VA98W593

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
- CBS** - Cotton Branch Station, Marianna, Arkansas

UofA

UNIVERSITY OF ARKANSAS

DIVISION OF AGRICULTURE