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Performance of Grain Sorghum Hybrids in Alabama, 1982

PERFORMANCE OF GRAIN SORGHUM HYBRIDS IN ALABAMA, 1982¹

INTRODUCTION

Grain sorghum performance tests are conducted annually throughout Alabama by the Alabama Agricultural Experiment Station. These tests give a comparison of hybrid performance under the conditions at a particular location. The locations used represent major soil and climatic areas of the State. The performance of hybrids varies with location. Therefore, this report should be carefully studied before a hybrid is selected.

At Belle Mina bird damage was severe. In this test, the bird-resistant hybrids showed no damage, while the non bird-resistant hybrids showed bird damage which ranged from 7-75 percent of yield. Bird damage can be a problem in small fields. In selecting a hybrid, consideration should be given to bird populations; if damage is anticipated, bird-resistant hybrids should be used. Bird-resistant grain sorghum hybrids are sometimes difficult to market and may have lower feed value than the non bird-resistant hybrids.

EXPERIMENTAL PROCEDURES

Cultural practices were uniform for all hybrids within a given test. The experimental design for all tests was a randomized complete block with four replications. The target plant population was 50,000 plants per acre, with a seeding rate 25 percent higher to ensure a good stand. Test cultural practices are listed in table 1.

¹Organized and compiled by Cliff Currier, W. C. Johnson, and Darrell Williams.

Grain yields were obtained by harvesting the whole test plot, either by hand or plot combine, and adjusting harvested grain weight and moisture to a standard 14 percent moisture and 56 pounds per bushel.

Lodging is given as the percentage of plants broken or leaning at an angle of more than 45 degrees. The seed heads of lodged plants were not included in the yields reported.

Days to mid-bloom is one measure of relative maturity. This is taken as days from planting to the date when approximately one-half of the heads in the plot are in bloom.

A ratoon, or stubble, crop was harvested at Prattville and Headland. The first harvest was combined and the stalks were cut to a 6-inch height. An additional 50 pounds of nitrogen per acre was sidedressed to the 6-inch stubble. The ratoon crop yield reported should be added to 1982 yield to calculate total yield.

The preliminary grain sorghum hybrid test is used to evaluate new hybrids and experimental lines. If a new variety does well in the preliminary test, it is planted in the regular test the next year.

Bird-resistant grain sorghum hybrids are used for specific reasons, thus a separate test was planted at Prattville comparing only these types. The results are in table 12.

VARIETY COMPARISONS

The performance of hybrids varies among years and locations. Small yield differences among hybrids may be the result of slight environmental or cultural differences rather than differences in yield potential among varieties. To aid in determining real differences, a statistical analysis of variance was performed on the data from each

location. The L.S.D. (least significant difference) is reported to help determine real differences between hybrid yields for each location in 1982. If the yield difference is greater than the L.S.D. value between two hybrids at a given location, the two hybrids are considered to be significantly different in yield. The C.V. (coefficient of variation) is a measure of test variability. An increase in its value indicates a decrease in the precision of the test data.

The list of acceptable hybrids is based on 3-year average grain yield and lodging data. The list is divided into three regions, north, central, and south. Since all acceptable hybrids are not equal in performance, a review of the data from several years at the test location most similar to your situation is the most reliable method for selecting a hybrid best suited for your farming needs.

ACKNOWLEDGMENTS

The performance trials were conducted in cooperation with the following substation and experiment field superintendents and their staffs whose quality work makes this report a reliable source of information for farmers in their areas.

Northern Alabama

Tennessee Valley Substation, Belle Mina - W. B. Webster, Superintendent
Sand Mountain Substation, Crossville - J. T. Eason, Superintendent
Upper Coastal Plain Substation, Winfield - R. A. Moore, Jr., Superintendent

Central Alabama

Black Belt Substation, Marion Junction - L. A. Smith, Superintendent
Prattville Experiment Field, Prattville - D. P. Moore, Superintendent
E. V. Smith Research Center, Shorter - J. R. Akridge, Superintendent

Southern Alabama

Monroeville Experiment Field, Monroeville - J. A. Pitts, Superintendent

Wiregrass Substation, Headland - J. G. Starling, Superintendent

Gulf Coast Substation, Fairhope - E. L. Carden, Superintendent

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Table 1. Locations and Cultural Practices for the 1982 Grain Sorghum Hybrid Tests

Location	Planting date	Nitrogen rate ¹	Plant population	Harvest date	Herbicides	Insecticides ²
Tennessee Valley Substation (Belle Mina)	May 6	80	50,000	September 14	None	None
Sand Mountain Substation (Crossville)	May 2	125	50,000	September 7	Atrazine	Furadan, Lannate (2), Cygon (1)
Upper Coastal Plain Substation (Winfield)	April 12	80	50,000	September 15	Atrazine	Toxaphene (1)
E. V. Smith Research Center (Shorter)	April 2	100	50,000	July 29	Atrazine	Sevin (2)
Prattville Experiment Field (Prattville)	April 13	80	50,000	August 10	Atrazine	Lannate (1)
Black Belt Substation (Marion Junction)	April 12	80	50,000	August 12	Atrazine	Sevin (2) Lannate (1)
Monroeville Experiment Field (Monroeville)	April 8	120	50,000	August 23	Atrazine	Lannate (3)
Wiregrass Substation (Headland)	April 12	85	50,000	July 22	Milogard	Lannate (2)
Gulf Coast Substation (Fairhope)	April 14	105	50,000	August 12	Atrazine	None

¹Pounds per acre N. Lime, phosphorus, and potassium were applied according to soil test recommendations.

²Spray materials (number of applications).

Table 2. Tennessee Valley Substation Grain Sorghum Hybrid
Trial, 1982¹

Brand name	Hybrid	1982	1981-82	Bird	Mid-bloom
		yield ²	2-yr. av.	damage	
		Bu.	Bu.	Pct.	Days
Northrup King	Savanna 5	105	108	0	64
Pioneer	B815	93	102	0	65
Chem Nut	1334BR	85	--	0	61
Funk's	G-1701	78	--	7	67
Taylor-Evans	T-E Dinero	75	--	33	63
Coker	7675	72	94	25	63
Coker	7638	72	--	17	62
Funk's	G-522A	72	89	27	62
Funk's	G-550	71	--	27	61
Chem Nut	1310A	70	--	20	61
Northrup King	2660	69	--	23	64
Hunt	HT-126DR	69	--	23	63
Helena	1225DR	67	--	27	65
McCurdy	M51YG	65	89	37	61
Pennington	Penngrain YE	65	85	33	62
Funk's	G-522DR	65	82	33	64
Pioneer	8311	61	87	23	62
Pioneer	8303	61	--	43	62
Gold Kist	GK 802G	60	--	33	63
DeKalb	DK-42Y	60	85	30	61
Taylor-Evans	T-E Y101-R	58	--	33	63
Chem Nut	1290A	57	--	35	65
Ring Around	733GB	57	88	35	64
Northrup King	2670	55	84	68	65
Paymaster	DR 1125	54	--	38	64
Funk's	G-611	52	76	45	66
Ring Around	433A	48	--	38	58
DeKalb	DK-59	48	--	38	68
McCurdy	M57YG	43	--	55	65
Coker	7623	39	--	75	58

1982 test average - 65 bu.
L.S.D. (.05) - 16 bu.
C.V. - 17.1%

¹Belle Mina, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 3. Sand Mountain Substation Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	1982	1981-82	Lodging	Mid-bloom
		yield ²	2-yr. av.		
		<u>Bu.</u>	<u>Bu.</u>	<u>Pct.</u>	<u>Days</u>
Pioneer	B815	108	78	6.8	74
Northrup King	Savanna 5	96	65	13.3	73
Funk's	G-522DR	92	68	3.8	75
DeKalb	DK-59	90	--	2.0	79
Coker	7675	89	63	5.3	74
Northrup King	2660	87	--	2.3	76
Helena	1225DR	87	--	7.5	75
DeKalb	DK-42y	86	63	4.0	72
Taylor-Evans	T-E Dinero	86	61	4.3	74
Chem Nut	1290A	86	--	2.5	75
Gold Kist	GK802G	85	59	3.3	74
Paymaster	DR 1125	84	--	7.0	74
Funk's	G-611	84	63	4.5	75
McCurdy	M57YG	84	61	5.3	77
Hunt	HT-126DR	83	60	7.0	75
Funk's	G-522A	83	61	6.5	75
Funk's	G-550	81	61	4.3	73
Chem Nut	1334BR	81	62	14.8	72
Taylor-Evans	T-E Y101-R	79	57	7.8	74
Pennington	Penngrain YE	79	57	5.3	76
Northrup King	2670	77	50	8.0	74
Chem Nut	1310A	76	--	12.3	72
Pioneer	8303	75	--	7.5	75
Funk's	G-1701	75	--	0	75
Pioneer	8311	72	51	18.0	72
McCurdy	M51YG	70	53	10.8	72
Ring Around	733GB	69	54	6.0	73
Coker	7638	62	--	16.5	73
Ring Around	433A	53	--	3.3	70
Coker	7623	43	--	5.0	72

1982 test average - 80 bu.
L.S.D. (.05) - 15 bu.
C.V. - 12.8%

¹Crossville, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 4. Upper Coastal Plain Substation Grain Sorghum Hybrid
Trial, 1982¹

Brand name	Hybrid	1982	1981-82	1980-82	Mid-bloom
		yield ²	2-yr. av.	3-yr. av.	
		<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Days</u>
Funk's	G-522DR	89	84	78	88
Funk's	G-522A	87	82	71	89
Northrup King	2670	86	80	69	89
Hunt	HT-126DR	84	76	--	90
Northrup King	Savanna 5	83	78	67	92
McCurdy	M57YG	81	78	--	92
Pioneer	B815	80	76	67	87
McCurdy	M51YG	80	78	70	89
Ring Around	733GB	80	73	66	88
Gold Kist	GK 802G	78	72	--	87
Chem Nut	1310A	77	--	--	90
Taylor-Evans	T-E Dinero	76	72	64	89
Taylor-Evans	T-E Y101-R	75	70	64	88
Coker	7675	75	70	65	92
Pennington	Penngrain YE	72	73	66	91
Helena	1225DR	71	--	--	90
Pioneer	8311	69	67	--	92
DeKalb	DK-59	68	--	--	90
Northrup King	2660	68	--	--	91
Paymaster	DR 1125	67	--	--	85
DeKalb	DK-42Y	67	71	--	89
Chem Nut	1334BR	65	65	60	85
Funk's	G-550	64	64	59	89
Coker	7638	64	--	--	91
Pioneer	8303	62	--	--	85
Coker	7623	61	--	--	92
Chem Nut	1290A	60	--	--	92
Funk's	G-1701	56	--	--	92
Funk's	G-611	55	59	56	86
Ring Around	433A	43	--	--	80

1982 test average - 71 bu.
L.S.D. (.05) - 18.6 bu.
C.V. - 18%

¹Winfield, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 5. E. V. Smith Research Center Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	1982	1981-82	Lodging	Mid-bloom
		yield ²	2-yr. avg.		
		<u>Bu.</u>	<u>Bu.</u>	<u>Pct.</u>	<u>Days</u>
Funk's	G-522A	90	58	7.5	81
Pennington	Penngrain YE	87	69	0	84
Pioneer	B815	87	73	0	85
Gold Kist	GK 712G	84	66	0	82
Funk's	G-522DR	84	58	0	82
Gold Kist	GK 802G	84	59	0	84
Helena	1225DR	82	--	0	84
Chem Nut	1334BR	81	60	3.0	79
Pioneer	8311	80	65	1.3	80
Northrup King	2670	80	52	0	83
Coker	7675	79	59	0	86
McCurdy	M51YG	78	63	.5	80
Ring Around	733GB	77	63	0	82
Chem Nut	1290	74	70	0	83
Northrup King	Savanna 5	73	66	0	83
Taylor-Evans	T-E Dinero	72	55	0	84
Coker	7638	71	--	0	83
McCurdy	M57YG	71	53	0	88
Hunt	HT-126DR	71	55	0	84
Funk's	G-550	71	61	0	79
Coker	7723	69	41	0	88
Paymaster	DR 1125	69	--	0	85
Chem Nut	1290A	66	--	0	84
Pioneer	8303	66	--	0	87
O's Gold	GS 712	61	--	0	90
Funk's	G-611	61	48	0	87
DeKalb	DK-59	55	--	0	91
Funk's	G-1701	51	--	0	84
DeKalb	DK-64	45	30	15.0	78
Ring Around	433A	44	--	7.5	73

1982 test average - 72 bu.
L.S.D. (.05) - 19 bu.
C.V. - 18.5%

¹Shorter, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 6. Prattville Grain Sorghum Hybrid Trial, 1982

Brand name	Hybrid	1982	1981-82		1980-82	Mid-
		yield ¹	Ratoon ²	2-yr. av.	3-yr. av.	bloom
		<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Days</u>
Paymaster	DR 1125	123	16	--	--	69
Hunt	HT-126DR	121	13	94	--	68
Coker	7675	120	10	102	94	69
Chem Nut	1290A	118	14	--	--	69
Gold Kist	GK 802G	118	13	99	--	68
Taylor-Evans	T-E Dinero	118	14	99	91	69
McCurdy	M57YG	116	17	99	--	71
Pennington	Penngrain YE	116	13	94	87	69
Helena	1225DR	115	14	--	--	69
Funk's	G-522DR	114	14	97	91	69
Pioneer	B815	113	14	101	93	71
Coker	7723	113	20	101	92	71
Chem Nut	1290	111	12	89	--	69
Funk's	G-611	110	11	93	88	70
Northrup King	Savanna 5	110	20	94	89	70
Pioneer	8311	108	19	86	78	70
Gold Kist	GK 712G	108	16	93	--	68
Funk's	G-522A	108	15	86	81	69
DeKalb	DK-64	107	11	90	--	66
McCurdy	M51YG	107	18	84	--	68
Northrup King	2670	106	22	93	87	71
Chem Nut	1334BR	104	18	89	86	66
Coker	7638	104	13	--	--	68
Pioneer	8303	103	18	--	--	71
O's Gold	GS 712	103	13	--	--	71
DeKalb	DK-59	102	8	--	--	72
Funk's	G-550	99	14	84	82	67
Ring Around	733GB	99	12	85	82	69
Funk's	G-1701	80	3	--	--	71
Ring Around	433A	76	6	--	--	62

1982 test average - 108 bu.

L.S.D. (.05) - 10 bu.

C.V. - 6.4%

¹Yield adjusted to 14 percent moisture and 56 pounds per bushel.

²(Yield figures do not include ratoon yield.)

²Ratoon crop cut December 6.

Table 7. Black Belt Substation Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	1982	1981-82	1980-82	Mid-bloom
		yield ²	2-yr. av.	3-yr. av.	
		<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Days</u>
Northrup King	Savanna 5	121	98	85	82
Chem Nut	1290A	111	--	--	80
Taylor-Evans	T-E Dinero	105	90	75	80
Gold Kist	GK 802G	103	94	--	80
Funk's	G-522DR	101	84	75	81
Pioneer	B815	101	91	82	83
Funk's	G-611	97	77	67	80
Chem Nut	1290	97	87	--	80
Coker	7675	96	91	76	81
Pennington	Penngrain YE	93	84	71	82
Northrup King	2670	93	84	71	80
Coker	7723	93	86	72	81
Helena	1225DR	90	--	--	82
Funk's	G-550	90	79	65	73
DeKalb	DK-59	89	--	--	83
Coker	7638	88	--	--	77
Hunt	HT-126DR	86	79	--	81
McCurdy	M57YG	86	79	--	82
Paymaster	DR 1125	86	--	--	91
Pioneer	8303	85	--	--	82
Pioneer	8311	85	78	66	81
O's Gold	GS 712	84	--	--	83
Funk's	G-522A	84	67	60	81
Funk's	G-1701	82	--	--	83
Gold Kist	GK 712G	79	77	--	80
DeKalb	DK-64	78	72	--	75
McCurdy	M51YG	78	71	--	78
Ring Around	733GB	77	78	67	82
Chem Nut	1334BR	77	74	68	77
Ring Around	433A	48	--	--	72

1982 test average - 89 bu.
L.S.D. (.05) - 23 bu.
C.V. - 17.6%

¹Marion Junction, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 8. Monroeville Grain Sorghum Hybrid Trial, 1982

Brand name	Hybrid	1982	1981-82	1980-82	Mid-bloom
		yield ¹	2-yr. av.	3-yr. av.	
		<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Days</u>
Northrup King	Savanna 5	87	73	78	80
Chem Nut	1334BR	84	69	75	76
Coker	7723	72	58	--	77
Pioneer	8311	71	62	--	74
Gold Kist	GK 802G	71	63	--	78
Pennington	Penngrain YE	71	66	70	79
Chem Nut	1290	71	66	72	75
Funk's	G-522A	69	61	68	76
Pioneer	B815	68	65	72	80
Funk's	G-611	68	61	64	81
Pioneer	8303	68	--	--	77
Hunt	HT-126DR	68	59	--	78
Taylor-Evans	T-E Dinero	68	64	68	78
Coker	7675	68	62	63	77
Funk's	G-522DR	68	61	67	78
Paymaster	DR 1125	66	--	--	79
McCurdy	937YG	65	64	--	77
Northrup King	2660	65	--	--	77
Northrup King	2670	64	53	--	77
Helena	1225DR	62	--	--	80
Funk's	G-550	61	59	65	73
DeKalb	DK-64A	61	--	--	80
McCurdy	M57YG	60	60	--	77
DeKalb	DK-59	58	--	--	80
Ring Around	733 GB	58	57	62	78
Hunt	HT-128GDR	58	56	--	80
DeKalb	DK-64	57	49	--	73
Crop Seed	350 DMG	55	--	--	77
Ring Around	433A	46	--	--	67
Funk's	G-1701	33	--	--	80

1982 test average - 65 bu.
L.S.D. (.05) - 9 bu.
C.V. - 9.7%

¹Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 9. Wiregrass Substation Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	1982	Ratoon ³	1981-82	1980-82	Lodg- ing
		yield ²		2-yr. av.	3-yr. av.	
		<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Bu.</u>	<u>Pct.</u>
Northrup King	Savanna 5	85	30	71	59	5.0
McCurdy	M57YG	75	19	69	--	1.0
Northrup King	2660	75	25	--	--	0
Pioneer	B815	72	24	67	58	.5
DeKalb	DK-64A	71	20	--	--	3.0
Pioneer	8303	71	17	--	--	.5
Gold Kist	GK 802G	70	21	72	--	0
McCurdy	937YG	69	19	64	--	0
Taylor-Evans	T-E Dinero	67	17	68	62	0
Paymaster	DR 1125	65	22	--	--	0
Coker	7675	65	19	73	68	0
Chem Nut	1334BR	65	24	72	62	0
Pioneer	8311	63	19	67	--	0
Crop Seed	350 DMG	62	22	--	--	0
Northrup King	2670	60	24	60	--	0
Funk's	G-522A	58	22	65	67	0
Coker	7723	58	24	66	--	0
Helena	1225DR	56	18	--	--	0
Hunt	HT-126DR	56	17	50	--	0
Chem Nut	1290	56	25	65	62	0
Pennington	Penngrain YE	55	21	60	61	0
Funk's	G-522DR	54	24	63	62	0
DeKalb	DK-59	54	17	--	--	0
Funk's	G-611	54	20	60	57	0
Hunt	HT-128GDR	52	20	48	--	0
Funk's	G-550	50	26	56	56	5.0
Ring Around	733GB	48	13	55	59	0
DeKalb	DK-64	43	25	53	--	1.0
Funk's	G-1701	35	15	--	--	0
Ring Around	433A	19	16	--	--	0

1982 test average - 59 bu.
L.S.D. (.05) - 14 bu.
C.V. - 16.7%

¹Headland, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

³(Yield figures do not include ratoon yield.)

³Ratoon crop cut December 9.

Table 10. Gulf Coast Substation Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	1982	1981-82	1980-82	Lodg-	Mid-bloom
		yield ²	2-yr. av.	3-yr. av.	ing	
		Bu.	Bu.	Bu.	Pct.	Days
Northrup King	Savanna 5	89	97	103	1.3	70
Pennington	Penngrain YE	89	87	91	0	74
Funk's	G-522DR	87	89	100	0	74
Chem Nut	1334BR	86	86	94	1.3	68
Taylor-Evans	T-E Dinero	86	90	99	0	72
Northrup King	2660	86	--	--	0	73
Northrup King	2670	86	89	--	.8	74
Helena	1225DR	86	--	--	0	71
Gold Kist	GK 802G	85	89	--	.5	72
Hunt	HT-126DR	85	87	--	2.0	73
Coker	7675	84	93	99	0	74
DeKalb	DK-59	83	--	--	0	75
Paymaster	DR 1125	82	--	--	0	74
McCurdy	M57YG	82	88	--	0	76
Pioneer	B815	81	82	91	1.3	78
Funk's	G-611	80	84	91	0	76
Chem Nut	1290	79	86	95	0	74
DeKalb	DK-64A	79	--	--	5.0	74
Pioneer	8303	79	--	--	3.8	75
Pioneer	8311	78	81	--	3.8	70
Funk's	G-522A	78	84	93	.8	75
Coker	7723	78	82	--	3.0	72
Funk's	G-550	78	80	87	2.5	68
McCurdy	937YG	74	78	--	0	68
Ring Around	733GB	71	75	87	0	78
Hunt	HT-128GDR	71	80	--	1.3	76
Crop Seed	350DMG	71	--	--	0	70
DeKalb	DK-64	67	80	--	4.5	67
Funk's	G-1701	49	--	--	0	75
Ring Around	433A	36	--	--	0	64

1982 test average - 78 bu.
L.S.D. (.05) - 15 bu.
C.V. - 13.4%

¹Fairhope, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 11. Preliminary Grain Sorghum Hybrid Trial, 1982

Brand name	Hybrid	Yield ²	Lodging	Mid-bloom
		Bu.	Pct.	Days
Ring Around	RA-787	90	0	80
Pennington	Penngrain DR	86	0	84
O's Gold	GS 717	83	0	85
Paymaster	GR 1138	78	0	80
Helena	133DR	77	0	87
McCurdy	M990YG	77	0	85
Taylor-Evans	T-E Y-77	74	0	87
McCurdy	737	74	2.5	81
Ring Around	RA-808GB	72	0	86
Crop Seed	BC-162	69	0	81
Pioneer	8222	69	0	85
Wilstar	1330	63	8.8	84
Northrup King	2244	58	5.0	76
Hunt	HT-45G	58	2.5	82
Funk's	G-1498	58	0	77
Northrup King	2300	56	23.3	79
Gold Kist	GK 552G	50	20.0	75
Crop Seed	BC-142	42	24.8	73
Pioneer	8515	36	29.9	77
Coker	7605	35	20.4	75

1982 test average - 65 bu.
L.S.D. (.05) - 20 bu.
C.V. - 21.7%

¹E. V. Smith Research Center, Shorter, Alabama.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

Table 12. Bird Resistant Grain Sorghum Hybrid Trial, 1982¹

Brand name	Hybrid	Yield ²	Lodging	Mid-bloom	Bird damage
		Bu.	Pct.	Days	Pct.
Funks	G-1516BR	123	0	68	0
Northrup King	Savanna 5	122	0	71	0
Pioneer	B815	117	0	71	0
Coker	7675*	115	0	70	0
Chem Nut	1334BR	112	0	66	0
Coker	7681BR	107	0	68	0
Hunt	HT-656BR	101	0	68	0
Paymaster	BRY-93	99	0	66	0
DeKalb	BR-65+	95	0	73	0

1982 test average - 110 bu.
L.S.D. (.05) - 18 bu.
C.V. - 12%

¹Prattville Experiment Field.

²Yield adjusted to 14 percent moisture and 56 pounds per bushel.

* Non bird-resistant check.

Sources of Seed for the 1982 Grain Sorghum Tests

Entry designation	Source of seed
Chem Nut	Chem Nut, Inc.
1290	P. O. Box 3706
1290A	Albany, Georgia 31706
1310A	
*1334BR	
Coker	Coker's Pedigreed Seed Company
7605	Route 1, Box 150
7623	Lubbock, Texas 79408
7638	
7675	
7723	
*7681BR	
Crop Seed	Crop Seed, Inc.
350 DMG	P. O. Box 16854
BC-162	Lubbock, Texas 79490
BC-142	
DeKalb	DeKalb Ag. Research, Inc.
DK-42y	Route 2
DK-59	Lubbock, Texas 79408
DK-64	
DK-64A	
*BR-65+	
Funk's	Louisiana Seed Company, Inc.
G-522A	P. O. Box 1867
G-522DR	Plainview, Texas 79072
G-550	
G-611	
G-1498	
G-1701	
*G-1516BR	
Gold Kist	Gold Kist, Inc.
GK 552G	P. O. Box 644
GK 712G	Ashburn, Georgia 31714
GK 802G	
Helena	Helena Chemical Company
1225DR	5100 Poplar Avenue
1330DR	Memphis, Tennessee 38137
Hunt	Hunt Seed Company, Inc.
HT-45G	622 28th Street
HT-126DR	Lubbock, Texas 79408
HT-128GDR	
*HT-656BR	

(continued on the following page)

Sources of Seed for the 1982 Grain Sorghum Tests (continued)

Entry designation	Source of seed
McCurdy	McCurdy Seed Company
737YG	Fremont, Iowa 52561
937YG	
M51YG	
M57YG	
M990YG	
Northrup King	Northrup King Company
2244	P. O. Box 151
2300	Columbus, Mississippi 39701
2660	
2670	
*Savanna 5	
O's Gold	O's Gold Seed Company
GS 712	Parkersburg, Iowa 50665
GS 717	
Paymaster	ACCO - Paymaster
DR 1125	P. O. Box 1630
GR 1138	Plainview, Texas 79072
*BRY-93	
Pennington	Pennington Seed, Inc.
Penngrain DR	P.O. Box 290
Penngrain YE	Madison, Georgia 30650
Pioneer	Pioneer Hi-Bred International, Inc.
8222	1000 West Jefferson Street
8303	Tipton, Indiana 46072
8311	
8515	
*B815	
Ring Around	Ring Around Products, Inc.
433A	12000 Ford Road
733GB	Dallas, Texas 75234
787	
808GB	
Taylor-Evans	Taylor-Evans Seed Company
T-E Dinero	P. O. Box 68
T-E Y-77	Tulia, Texas 79088
T-E Y101-R	
Wilstar	Helena Chemical Company
1330	5100 Poplar Avenue
	Memphis, Tennessee 38137

*Bird-resistant hybrid.

*Information contained herein is available to all persons regardless
of race, color, sex, or national origin.*