Alabama 1974 Grain Sorghum Performance Tests

AGRICULTURAL EXPERIMENT STATION
AUBURN UNIVERSITY
R Dennis Rouse, Director / Auburn, Alabama

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1974 Alabama Grain Sorghum Performance Tests

David H. Teem[1/]

Grain sorghum performance trials were conducted by the Auburn University Agricultural Experiment Station at eight locations in 1974 These tests were conducted to give a comparison of hybrids entered in each test and were not intended for use as an absolute measure of the yielding potential of a hybrid in an area. Performance of hybrids varies with location and it is therefore suggested that this report be carefully studied before choosing a hybrid.

Experimental Procedures

Cultural practices were uniform for all hybrids within a test. The experimental design for all tests was a randomized complete block with four replications. Location of the tests, plot size, and cultural practices are listed in Table 1.

Data

Yield

Yields are given in bushels per acre and were adjusted to 14 percent moisture and 56 pounds per bushel. At most locations bird damage was a problem and yields were calculated from 10 heads per plot which were protected by covering with perforated paper bags soon after blooming. Yields were calculated by multiplying the average weight of grain per head obtained from 10 bagged heads times the number of heads per plot. At locations where bird damage was not a problem, yields were calculated from the weight of threshed grain from each plot.

1/Research Associate, Department of Agronomy and Soils.

Lodging

Lodging is given as the percent of plants broken or leaning more than 45 degrees. Seedheads of most of these plants would be missed by a combine, however, they are included in the yields in this report.

Plant Height

Plant height was measured from the soil to the tip of the head in feet. Height can affect harvest efficiency; however, most of the sorghums tested are medium in height and are acceptable in this respect.

Head Exsertion

Head exsertion was measured from the collar of the terminal or flag leaf to the base of the head. Poor head exsertion may result in excessive green plant material in the harvested grain and damage to the lower part of the head from water accumulating on the terminal leaf.

Head Type

Open or loose heads may be important in the humid Southeast. Open heads allow better air movement and faster drying after rains or dew. This may be helpful in reducing damage from pests which attack the heads. A rating of one for tight heads and three for open heads was used.

Mid-bloom

One measure of relative maturity is the mid-bloom date. This is the date when approximately one-half of the main heads in a plot are blooming. Date of mid-bloom is shown for entries at several locations in Tables 2, 4, 6, 8, 15, 18, and 21.

Selecting a Hybrid

Performance of hybrids will vary from year to year depending on many factors. Variation in performance also occurs from location to location. Small yield differences may not be real differences between hybrids. These small differences may be caused by slight differences in soil, fertility, diseases, and other factors. For these reasons it is suggested that this report be carefully studied when choosing a hybrid. Data from several years testing at the location most nearly simulating your conditions is the best method for selecting a hybrid. Sources of seed used for the tests and reaction to bird damage are listed on page 26.

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Table 1. Locations and Cultural Practices for 1974 Grain Sorghum Tests

	Black Belt (Marion Junction)	Gulf Coast (Fairhope)	Lower Coastal Plain (Camden)	Upper Coastal Plain (Winfield)		Powell Farm (Prattville)	Prattville Field (Prattville)	Monroeville Field (Monroeville)	Wiregras (Headlan
				early	late				
Planting date:	4-22	5-16	4-24	4-25	6-17	6-24	5-10	4-26	4-24
Seeding rate (Plants/ft.)	8	8	5	8	8	8	8	8	8
Plot Size:									
Row number	2	2	2	2	2	2	2	2	2
Row width (in)	36	38	30	40	40	40	42	42	36
Row length (ft)	20	20	22	20	20	20	16	20	22
Replications (No.)	4	4	4	4	4	4	4	4	4
Nitrogen rate (lb N/A)	130	116	120	160	120	70	90	100	110
Herbicide:									
Kind	Atrazine	None	None	None	Atrazine	2,4-D	Atrazine	Atrazine	None
Rate (lb/A)	3.0	-	-	-	2.0	0.5	2.0	2.5	-
Method	Broadcast	-	-	-	Broadcast	Broadcast	Broadcast	Broadcast	-

Table 2. Yield and Other Characteristics of Grain Sorghum Hybrids Tested at the Black Belt Substation, 1974[1/]

Brand name	Hybrid	Yield[2/]	Lodging	Height	Head exsertion[3/]	Head type[4/]	Mid-bloom
		Bu/A	Pct.	Ft.	In.	rating	date
Growers	ML-136	96.6	0	4.6	4.1	1.8	6-29
ACCO	X-9418	87.5	0	4.3	4.9	2.0	7-1
Funk's	BR-79	87.0	0	5.2	4.1	2.5	7-1
Excel	Bird Go-68	85.6	0	4.0	3.5	3.0	6-29
----------	Ga. 615	84.0	0	4.9	3.4	2.5	7-1
ACCO	R-1090	82.9	0	4.1	4.1	2.5	6-29
ACCO	R-1029	81.5	0	4.0	2.4	2.0	7-1
Growers	ML-135	81.3	0	4.1	3.8	2.0	6-29
McNair	895	81.3	0	4.9	3.1	2.0	7-1
DeKalb	E-59	79.6	0	3.9	3.8	2.0	7-1
Funk's	G-522	77.8	0	4.0	5.5	2.0	7-1
ACCO	R-1093	77.4	0	4.2	3.4	2.8	7-1
----------	AKS 618	77.3	0	4.6	6.1	2.5	6-27
McNair	654	76.8	0	4.2	4.0	2.0	7-1
Funk's	G-516 BR	76.2	0	4.1	3.6	3.0	7-1
Warner	W-869	75.4	0	4.6	4.0	1.8	6-29
Pennington	Penngrain BR	74.1	0	4.6	5.4	2.3	6-28
Pioneer	B815	72.3	0	4.6	2.8	1.8	7-1
DeKalb	BR-54	71.7	0	5.3	3.1	2.0	7-2
Golden Acres	T.E. Y-101	69.5	0	3.7	4.3	2.0	6-29
Golden Acres	T.E. Bird-A-Boo	68.6	0	4.0	5.3	2.3	6-26
DeKalb	BR-63	65.7	0	4.0	4.1	1.0	7-2
----------	AKS 614	65.2	0	4.5	4.0	2.0	6-26
Funk's	G-459-BR	61.8	0	4.3	3.8	2.0	7-1
----------	AKS 663	60.9	0	4.3	3.5	3.0	7-6
Dorman	BR-100	59.6	0	4.8	4.8	2.0	6-27
DeKalb	BR 64	56.2	0	4.6	4.8	2.3	7-3
Funk's	G-577	56.2	0	4.3	3.6	1.0	7-1
Warner	W-851	55.0	0	4.0	4.4	2.0	7-1
Pioneer	B818	52.8	0	5.4	4.0	2.0	7-1

1/Planted: April 22, 1974

2/Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.

3/Measured from terminal leaf to base of the head

4/1=tight; 2=mdeium; 3=bose

Table 3. Yield and Other Characteristics of Grain Sorghum Hybrids Tested for Two Years at the Black Belt Substation 1973-74

Brand name	Hybrid	Yield1/	Lodging	Height	Head exsertion2/	Head type3
		Bu/A	Pct.	Ft.	In.	Ratin
Funk's	BR-79	75.5	0	4.9	4.3	2.8
	Ga. 615	71.0	0	4.7	3.1	2.8
Pennington	Penngrain BR	67.9	6	4.5	4.3	2.5
Excel	Bird-Go-68	67.5	0	4.1	3.6	2.9
	AKS 614	64.8	0	4.3	3.6	2.4
DeKalb	BR-54	63.9	0	5.1	4.1	2.4
McNair	895	61.5	0	4.9	2.9	1.8
Funk's	G 516 BR	60.7	0	4.2	3.9	3.0
Funk's	G-522	60.5	0	3.8	4.1	2.1
DeKalb	E-59	59.3	0	3.9	4.3	2.0
Golden Acres	T.E. Bird-A-Boo	58.3	0	3.8	3.8	2.6
McNair	654	57.5	0	4.2	4.1	1.9
Dorman	BR-100	56.9	0	4.5	4.3	2.4
Golden Acres	T.E. Y-101	54.1	0	3.7	3.4	1.9
	AKS 663	52.0	0	4.2	3.7	3.0
DeKalb	BR-64	51.0	0	4.7	4.9	2.5
Funk's	G-577	43.0	0	4.1	4.1	1.1

1/ Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.
2/ Measured from terminal leaf to base of the head.
3/ 1 = tight; 2 = medium; 3 = loose.

Table 4. Yield and Other Characteristics of Grain Sorghum Hybrids Tested at the Gulf Coast Substation, 1974[1/]

Brand name	Hybrid	Yield[2/]	Lodging	Height	Head exsertion[3/]	Head type[4/]	Mid-bloom
		Bu/A	Pct.	Ft.	In.	Rating	date
DeKalb	BR-54	72.9	0.0	5.3	7.1	3.0	7-7
Excel	733	67.2	0.3	4.1	4.0	2.5	7-9
	AKS 614	67.1	0.0	4.4	2.9	2.0	7-10
Funk's	BR-79	64.1	0.0	4.8	6.0	2.0	7-6
Pioneer	B 815	63.8	0.0	5.0	6.1	1.3	7-8
Funk's	G-522	62.6	0.3	4.2	5.6	2.0	7-12
Asgrow	DORODO M	62.0	0.0	4.5	6.5	2.0	7-12
	AKS 663	61.9	0.0	4.8	6.0	3.0	7-14
Northrup King	N.K. 279	61.5	0.8	4.7	6.0	2.0	7-12
McNair	656 BR	60.6	0.0	4.5	5.5	3.0	7-12
	Ga. 615	59.0	0.5	4.6	3.6	2.3	7-12
Excel	808	58.4	0.3	4.4	4.6	2.3	7-12
McNair	895	57.5	0.0	5.0	6.0	2.0	7-11
Dorman	BR-100	56.2	1.5	4.5	4.0	2.3	7-10
Pennington	Penngrain BR	54.4	0.0	4.4	4.5	2.3	7-9
McNair	654	51.5	0.0	4.6	5.4	2.0	7-10
DeKalb	E-59	51.0	0.0	4.3	6.3	2.0	7-12
McNair	650	50.3	0.0	4.1	4.8	2.0	7-12
Northrup King	N.K. X3101	50.0	0.3	5.1	6.3	1.0	7-12
DeKalb	BR-64	49.8	0.3	4.8	7.3	2.3	7-10
Funk's	G-516 BR	49.3	0.0	4.4	5.3	3.0	7-14
Golden Acres	T.E. Bird-A-Boo	48.8	0.3	4.2	4.0	2.5	7-9
Asgrow	Dixie	45.7	0.0	4.7	7.4	1.0	7-13
Golden Acres	T.E. Y-101	45.2	0.0	4.1	4.0	2.0	7-12
Niagara	ORO-T	43.4	0.0	4.8	6.4	2.0	7-11
Funk's	G459 BR	42.6	0.0	4.5	6.1	1.0	7-11
Northrup King	N.K. Savanna 4	42.5	0.0	4.2	5.5	1.0	7-11
Asgrow	H-724	42.3	0.3	5.2	7.5	1.0	7-11
Niagara	ORO	40.1	0.3	4.1	4.6	2.0	7-13
Excel	Bird Go-68	39.8	0.8	4.3	4.5	3.0	7-13

1/Planted: May 16, 1974

2/Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose.

Table 5. Yield and Other Characteristics of Grain Sorghum Hybrids Tested Two Years at the Gulf Coast Substation, 1973-1974

Brand name	Hybrid	Yield[1]/	Lodging	Height	Head exsertion[2]/	Head type[3]/
		Bu/A	Pct.	Ft.	In.	Rating
Pioneer	B815	72.0	1.1	5.0	5.7	1.1
	AKS 614	66.9	2.3	4.7	4.8	2.3
Funk's	BR-79	66.1	4.4	4.9	5.5	2.0
Dorman	BR-100	64.4	2.3	4.7	4.4	2.3
Funk's	G-522	63.4	0.6	4.4	5.8	2.0
Pennington	Penngrain BR	61.4	4.8	4.6	4.5	2.5
Golden Acres	T.E. Bird-A-Boo	61.1	1.1	4.2	3.9	2.6
	Ga. 615	60.8	4.3	4.7	4.2	2.6
	AKS 663	58.5	0.6	5.1	7.3	3.0
Golden Acres	TE Y-101	58.2	0.5	4.3	5.0	2.0
DeKalb	E-59	51.9	0.5	4.4	6.5	2.0
DeKalb	BR-64	47.5	0.6	4.9	7.6	2.1
McNair	654	45.7	0.8	4.8	5.7	2.0

1/ Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.
2/ Measured from terminal leaf to base of the head.
3/ 1 = tight; 2 = medium; 3 = loose.

Table 6. Yield and Other Characteristics of Grain Sorghum Hybrids Tested at the Lower Coastal Plain Substation, 1974[1]

Brand name	Hybrid	Yield[2]	Lodging	Height	Head exsertion[3]	Mid-bloom	Head type[4]	Charcoal rot incidence[5]
		Bu/A	Pct.	Ft.	In.	date	Rating	Pct.
Dorman	BR-100	75.1	1.8	4.5	5.3	7-2	2.8	7
Northrup King	N.K. X3101	67.6	0.0	4.7	4.0	7-5	1.0	7
Niagara	ORO	67.1	0.0	3.7	2.5	7-4	2.0	10
DeKalb	BR-54	67.1	0.0	4.8	5.5	7-8	2.5	0
Golden Acres	T.E. Y-101	66.3	0.0	3.8	4.0	7-3	2.0	14
----------	Ga. 615	66.1	5.0	4.5	4.8	7-4	2.3	7
Pennington	Penngrain BR	63.8	0.5	4.1	4.3	7-3	2.5	7
DeKalb	BR-64	58.9	0.0	4.5	3.8	7-7	2.8	7
McNair	656 BR	58.4	0.5	3.9	4.0	7-3	3.0	17
Excel	808	57.9	0.0	4.0	2.3	7-6	2.0	40
Pioneer	B 815	57.0	0.0	4.4	1.8	7-6	1.8	6
Northrup King	N.K. Savanna 4	56.4	0.5	3.8	3.0	7-6	1.0	23
Niagara	ORO-T	56.3	0.0	4.4	3.3	7-6	2.0	14
Asgrow	Dorodo M	55.0	0.5	4.3	4.3	7-5	2.0	13
Excel	Bird Go-68	54.0	0.0	3.6	1.5	7-5	3.0	10
DeKalb	E-59	53.6	0.0	3.8	3.3	7-6	2.0	7
----------	AKS 614	53.4	4.3	4.1	3.0	7-3	2.3	4
Excel	733	53.0	0.0	3.7	4.3	7-5	2.0	31
Golden Acres	T. E. Bird-A-Boo	51.8	1.0	3.8	3.5	7-3	3.0	14
Funk's	G-522	50.0	0.0	3.4	2.3	7-7	2.0	7
Funk's	G-459 BR	49.9	0.0	4.0	3.3	7-5	1.8	21
----------	AKS 663	48.2	0.0	3.9	3.5	7-7	3.0	19
McNair	654	47.9	1.0	4.1	4.3	7-5	2.0	14
Northrup King	N.K. 279	46.7	0.0	4.4	4.3	7-6	2.0	7
Funk's	G-516 BR	46.7	0.0	3.9	2.8	7-5	3.0	10
Funk's	BR-79	45.3	2.5	4.8	5.5	7-6	2.5	0
McNair	650	45.1	0.0	3.6	2.5	7-3	2.0	27
McNair	895	40.2	0.5	4.3	2.0	7-5	2.0	13
Asgrow	H-724	38.8	3.8	4.6	4.3	7-8	1.0	10
Asgrow	Dixie	29.5	0.0	4.0	3.0	7-8	1.0	10

1/Planted: April 24, 1974

2/Yields calculated from bagged heads adjusted to 14% moisture and 56 lb. per bushel.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose.

5/Macrophomina phaseoli (Maubl). Ashby

Table 7. Yield and Other Characteristics of Grain Sorghum Hybrids Tested for Two Years at the Lower Coastal Plain Substation, 1973-1974

Brand Name	Hybrid	Yield1/	Lodging	Height	Head exsertion2/	Head type
		Bu/A	Pct.	Ft.	In.	Rati
Dorman	BR-100	69.5	42.1	4.7	6.9	2.4
Pennington	Penngrain BR	63.8	44.5	4.3	6.4	2.5
Funk's	G-522	62.7	28.1	3.9	5.4	2.3
McNair	654	59.6	39.6	4.5	6.4	1.8
Pioneer	B815	58.4	35.0	4.7	4.4	1.6
Golden Acres	T.E. Y-101	58.2	32.9	4.0	5.5	2.5
DeKalb	E-59	58.0	19.4	4.2	5.9	2.0
DeKalb	BR-64	57.2	11.3	4.9	5.8	2.8
	Ga. 615	55.3	49.5	4.8	5.9	2.5
	AKS 614	54.3	47.3	4.5	5.6	2.5
	AKS 663	53.8	11.3	4.5	6.9	3.0
Golden Acres	T.E. Bird-A-Boo	51.2	33.0	4.1	5.8	3.0
Funk's	BR-79	45.0	46.4	4.9	6.5	2.8

1/ Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.
2/ Measured from terminal leaf to base of the head.
3/ 1 = tight; 2 = medium; 3 = loose.

Table 8. Yield and Other Characteristics of Grain Sorghum Hybrids Tested at Monroeville Field, 1974[1/]

Brand name	Variety	Yield[2/]	Lodging	Height	Head exsertion[3/]	Head type[4/]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
Funk's	BR-79	60.7	27.5	4.2	17.0	2.8	0.0
DeKalb	BR-54	56.8	10.0	4.2	14.8	2.5	0.0
ACCO	X-9418	55.8	13.8	3.6	15.3	2.0	0.0
	AKS 614	54.5	22.5	4.0	16.5	3.0	0.0
Funk's	G-516 BR	53.7	5.0	3.3	13.3	2.5	0.0
	Ga. 615	53.5	62.5	4.1	13.3	3.0	0.0
Excel	Bird Go-68	51.8	5.0	3.6	13.3	2.8	0.0
	AKS 663	49.9	3.8	4.0	16.0	3.0	0.0
ACCO	R-1093	49.9	13.8	3.7	15.3	3.0	0.0
DeKalb	BR 64	47.3	18.8	4.4	17.5	2.5	0.0
Funk's	G-459-BR	47.0	1.3	3.9	14.0	1.0	0.0
Pennington	Penngrain BR	45.8	22.5	3.8	14.3	3.0	0.0
DeKalb	BR-63	45.4	0.0	3.8	16.0	1.0	0.0
Pioneer	B818	45.3	6.3	4.3	14.3	2.0	0.0
Pioneer	B815	43.8	17.5	4.0	11.8	1.0	0.0
Dorman	BR-100	43.7	21.3	4.0	16.0	2.8	0.0
	AKS 618	40.7	30.0	3.8	17.0	2.8	0.0
Golden Acres	T.E. Bird-A-Boo	36.3	22.5	3.9	16.0	3.0	0.0
Golden Acres	T.E. Y-101	- [5/]	0.0	3.4	13.3	2.0	68.8
ACCO	R-1029	- [5/]	3.8	2.9	13.3	2.0	82.5
ACCO	R-1090	- [5/]	0.0	3.6	15.3	2.0	87.0
DeKalb	E-59	- [5/]	0.0	3.6	15.5	2.0	88.3
Funk's	G-522	- [5/]	2.5	3.5	14.8	2.0	79.5
Funk's	G-577	- [5/]	0.0	3.8	14.3	1.0	80.0
McNair	654	- [5/]	3.8	3.9	15.3	2.0	90.0
McNair	895	- [5/]	16.3	4.3	15.0	1.8	83.8
Warner	W-869	- [5/]	0.0	3.8	13.0	2.0	77.5
Warner	W-851	- [5/]	1.3	3.6	14.3	1.5	90.0
Growers	ML-135	- [5/]	1.3	3.4	15.3	2.0	88.8
Growers	ML-136	- [5/]	1.3	4.3	15.5	2.0	97.5

1/Planted: April 26, 1974

2/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose

5/To low to measure due to bird damage.

Table 9. Yield and Other Characteristics of Grain Sorghum Hybrids Tested Two Years at Monroeville Field, 1973-74

Brand name	Hybrid	Yield1/	Lodging	Height	Head exsertion2/	Head type3/	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
DeKalb	BR-54	58.8	21.3	4.7	16.3	2.4	0.0
	AKS 614	57.3	29.4	4.2	16.8	2.5	0.0
Funk's	BR-79	56.3	37.5	4.3	17.3	2.4	0.0
Funk's	G 516 BR	56.2	2.5	3.9	14.4	2.1	1.3
Excel	Bird-Go-68	55.5	3.1	4.0	13.9	2.5	0.0
	Ga. 615	54.9	62.5	4.3	14.6	2.5	0.0
Pennington	Penngrain BR	51.6	29.4	4.0	15.9	2.5	0.0
DeKalb	BR-64	50.4	13.8	4.8	17.4	2.3	0.0
Dorman	BR-100	47.3	23.8	4.2	16.3	2.4	2.5
	AKS 663	45.9	4.4	4.3	16.5	2.8	3.8
Golden Acres	T.E. Bird-A-Boo	44.7	25.0	4.1	17.3	2.5	0.0
Golden Acres	T.E. Y-101	- 4/	3.8	3.6	14.8	2.0	65.0
Funk's	G-522	- 4/	6.3	3.8	15.8	2.0	59.8
Funk's	G-577	- 4/	0.0	4.0	15.6	1.1	51.9
McNair	654	- 4/	13.1	4.3	16.0	2.0	78.1
DeKalb	E-59	- 4/	3.8	3.9	16.4	2.0	61.0
McNair	895	- 4/	10.0	4.5	15.3	1.9	85.6

1/ Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.
2/ Measured from terminal leaf to base of the head.
3/ 1 = tight; 2 = medium; 3 = loose.
4/ Too low to measure due to bird damage.

Table 10. Yield and Other Characteristics of Grain Sorghum Hybrids Tested Three Years at Monroeville Field, 1972-74

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
Funk's	BR-79	59.9	25.7	4.5	13.3	2.6	0.0
	AKS 614	59.0	20.5	4.3	13.1	2.7	0.0
Pennington	Penngrain BR	55.5	20.2	4.2	11.8	2.7	0.0
Dorman	BR-100	55.2	15.9	4.3	12.9	2.6	1.7
	Ga. 615	54.5	42.2	4.3	11.3	2.7	0.0
DeKalb	BR-64	52.0	9.2	4.8	13.5	2.5	0.0
Golden Acres	T.E. Bird-A-Boo	49.9	16.7	4.0	13.2	2.7	0.0
	AKS 663	49.7	2.9	4.3	12.1	2.8	2.5
Golden Acres	T.E. Y-101	- [4]	2.5	3.6	11.0	2.3	45.2
Funk's	G-522	- [4]	4.2	3.7	11.5	2.0	43.3
McNair	654	- [4]	8.8	4.2	11.7	2.3	66.3
DeKalb	E-59	- [4]	2.5	3.9	11.9	2.3	50.4

1/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.
4/To low to measure due to bird damage.

Table 11. Yield and Other Characteristics of Early Planted Grain Sorghum Hybrids Tested for One Year at Prattville Field, 1974[1/]

Brand name	Hybrid	Yield[2/]	Lodging	Height	Head exsertion[3/]	Head type[4/]
		Bu/A	Pct.	Ft.	In.	Rating
Funk's	BR-79	101.5	25.0	4.0	4.0	3.0
Pennington	Penngrain BR	88.8	15.0	3.5	3.5	2.8
DeKalb	BR-54	88.6	0.0	4.0	6.0	2.8
Niagara	ORO	83.5	0.0	3.2	3.3	2.0
Golden Acres	T.E. Bird-A-Boo	79.9	0.0	3.5	3.8	3.0
	AKS 663	79.3	0.0	3.9	4.5	3.0
McNair	650	78.4	0.0	3.2	5.3	2.0
Excel	733	77.8	0.0	3.2	4.3	2.3
McNair	656 BR	77.0	0.0	3.2	2.8	3.0
Funk's	G-459 BR	76.6	0.0	3.5	6.0	1.8
Excel	Bird Go-68	75.6	0.0	3.5	3.0	3.0
Niagara	ORO-T	74.9	0.0	3.9	4.5	1.5
	AKS 614	73.5	6.3	3.6	3.0	3.0
Funk's	G-522	73.3	0.0	3.0	2.3	1.8
DeKalb	BR-64	72.8	0.0	3.9	5.5	3.0
Dorman	BR-100	72.5	7.5	3.6	3.0	3.0
DeKalb	E-59	72.3	0.0	3.3	4.3	2.0
Golden Acres	T.E. Y-101	71.3	0.0	3.3	5.0	2.0
	Ga. 615	70.9	17.5	3.8	3.0	3.0
McNair	654	69.8	0.0	3.4	4.3	2.0
Funk's	G-516 BR	69.3	0.0	3.2	2.8	3.0
McNair	895	68.7	0.0	3.9	3.3	1.8
Asgrow	Dorodo M	68.3	0.0	3.4	3.5	1.8
Pioneer	B815	68.2	0.0	3.7	4.5	1.3
Northrup King	NK Savanna4	67.7	0.0	3.4	5.0	2.0
Northrup King	NK X3101	67.5	0.0	3.7	4.5	1.0
Excel	808	67.1	0.0	3.4	3.5	1.5
Northrup King	NK 279	57.4	0.0	3.4	4.3	1.3
Asgrow	H-724	55.7	0.0	3.5	5.0	1.0
Asgrow	Dixie	54.5	0.0	3.4	3.5	1.8

1/Planted: May 10, 1974

2/Yields calculated from bagged heads, adjusted to 14% moisture and 56 lb. per bushel.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose.

Table 12. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested at Prattville, Alabama 1974[1/]

Brand name	Hybrid	Yield[2/]	Lodging	Height	Head exsertion[3/]	Head type[4/]
		Bu/A	Pct.	Ft.	In.	Rating
DeKalb	BR-54	72.3	0	5.0	9.5	2.5
Northrup King	N.K. X3101	63.9	0	5.0	9.0	1.0
Funk's	BR-79	57.5	0	4.8	9.5	2.8
----------	Ga. 615	57.1	0	4.5	7.5	2.8
Excel	Bird Go-68	55.6	0	3.6	6.0	3.0
McNair	656 BR	53.2	0	3.6	5.5	3.0
Pennington	Penngrain BR	51.6	0	4.1	7.0	2.8
Asgrow	H-724	50.6	0	4.3	9.0	1.0
Pioneer	B 815	50.4	0	4.4	9.5	1.0
Dorman	BR-100	50.2	0	4.1	8.0	3.0
DeKalb	E-59	50.1	0	3.8	9.0	1.8
Funk's	G 516 BR	49.9	0	3.5	6.0	2.5
Northrup King	N.K. Savanna 4	49.2	0	3.6	8.0	1.0
Funk's	G-459 BR	48.8	0	4.0	7.5	1.8
DeKalb	BR-64	48.8	0	4.5	7.5	2.0
Niagara	ORO-T	48.4	0	4.4	6.5	1.5
----------	AKS 614	46.3	0	4.1	7.5	3.0
Niagara	ORO	46.3	0	3.4	7.5	2.0
McNair	895	45.6	0	4.7	8.0	1.5
McNair	654	45.2	0	4.1	6.5	2.0
Northrup King	N.K. 279	45.1	0	4.5	10.0	1.5
Excel	808	44.8	0	4.0	6.5	2.0
Funk's	G-522	43.7	0	3.3	5.5	2.0
Golden Acres	T.E. Bird-A-Boo	43.2	0	3.6	8.5	3.0
Golden Acres	T.E. Y-101	41.9	0	3.2	8.0	2.0
McNair	650	41.5	0	3.3	7.5	2.0
Asgrow Dorodo	M	38.9	0	4.1	8.0	1.8
----------	663	38.1	0	3.8	5.0	3.0
Excel	733	35.3	0	3.4	7.5	1.8
Asgrow	Dixie	32.7	0	3.8	7.5	1.0

1/Planted: June 24, 1974 on farm of Mr. James Powell.
2/Yields adjusted to 14% moisture and 56 lb. per bushel.
3/Measured from terminal leaf to base of the head.
4/1=tight; 2=medium; 3=loose.

Table 13. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested Two Years at Prattville. Alabama, 1973-1974

Brand name	Hybrid	Yield[1/]	Lodging	Height	Head exsertion[2/]	Head type[3/]
		Bu/A	Pct.	Ft.	In.	Rating
Funk's	BR-79	47.5	7.1	4.3	7.0	2.8
	Ga. 615	46.7	9.6	4.2	5.9	2.9
Pennington	Penngrain BR	46.7	6.3	3.9	5.6	2.6
	AKS 614	44.2	9.4	4.0	6.3	2.8
Dorman	BR-100	44.0	2.5	3.9	6.8	3.0
Pioneer	B815	42.4	0.9	4.3	7.0	1.3
DeKalb	BR-64	42.2	0.0	4.3	6.6	2.3
DeKalb	E-59	41.4	0.0	3.5	6.3	1.9
Funk's	G-522	40.1	0.0	3.2	4.1	2.0
McNair	654	39.5	1.3	3.8	5.3	2.0
Golden Acres	T.E. Y-101	39.4	0.0	3.2	5.6	2.1
Golden Acres	T.E. Bird-A-Boo	39.1	2.1	3.5	7.0	3.0
	AKS 663	31.8	0.0	3.6	4.0	3.0

1/Yields adjusted to 14% moisture and 56 lb. per bushel
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 14. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested Three Years at Prattville, Alabama 1972-1974

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]
		Bu/A	Pct.	Ft.	In.	Rating
Dorman	BR-100	48.9	9.6	4.1	6.5	3.0
	AKS 614	46.7	20.8	4.0	6.2	2.7
Funk's	G-522	46.3	0.4	3.3	3.9	2.3
Golden Acres	T.E. Y-101	46.0	0.6	3.4	5.4	2.4
DeKalb	E-59	45.9	0.0	3.7	6.5	2.3
Funk's	BR-79	44.8	19.3	4.4	9.8	2.8
	Ga. 615	44.1	18.5	4.2	5.6	2.9
Pennington	Penngrain BR	44.0	31.3	4.1	4.8	2.8
DeKalb	BR-64	43.6	0.0	4.6	7.6	2.0
McNair	654	41.7	6.3	3.9	5.2	2.3
Golden Acres	T.E. Bird-A-Boo	40.3	10.6	3.6	6.1	3.0
	AKS 663	34.0	8.1	3.8	4.7	3.0

1/Yields adjusted to 14% moisture and 56 lb. per bushel.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 15. Yield and Other Characteristics of Early Planted Grain Sorghum Hybrids Tested at the Upper Coastal Plain Substation, 1974[1/]

Brand name	Variety	Yield[2/]	Lodging	Height	Head exsertion[3/]	Mid-bloom	Head type[4/]
		Bu/A	Pct.	Ft.	In.	Date	Rating
DeKalb	BR-54	78.2	0	3.3	3.8	7-13	3.0
ACCO	R-1093	75.7	0	3.1	4.5	7-10	3.0
DeKalb	BR-64	74.9	0	3.4	5.3	7-12	3.0
Pioneer	B818	72.2	0	3.8	5.3	7-11	2.3
ACCO	X-9418	70.6	0	3.6	4.5	7-14	2.0
Growers	ML-136	68.3	0	3.7	6.3	7-11	2.0
Growers	ML-135	68.2	0	3.0	4.8	7-12	2.0
	AKS 614	68.1	0	3.7	4.8	7-7	3.0
McNair	654	66.2	0	3.3	4.0	7-12	2.0
Excel	Bird Go-68	64.8	0	3.0	4.3	7-14	2.8
Funk's	G-522	64.7	0	3.0	3.5	7-14	2.0
	AKS 618	63.0	0	3.4	5.5	7-8	3.0
Pioneer	B815	62.9	0	3.9	4.8	7-18	2.0
	Ga. 615	62.3	0	4.1	6.3	7-11	3.0
Funk's	BR-79	61.9	0	4.2	6.8	7-11	3.0
Funk's	G-459-BR	61.4	0	3.6	5.0	7-13	1.8
ACCO	R-1029	61.0	0	3.2	3.5	7-15	2.0
Funk's	G-516 BR	60.1	0	3.2	4.5	7-15	2.8
Pennington	Penngrain BR	59.8	0	3.6	5.5	7-9	3.0
Golden Acres	T.E. Y-101	59.1	0	3.0	2.3	7-14	2.0
McNair	895	57.9	0	4.2	7.0	7-14	2.0
ACCO	R-1090	57.1	0	3.4	4.0	7-15	2.5
	AKS 663	56.9	0	3.1	4.3	7-16	3.0
Warner	W-869	56.9	0	3.5	4.5	7-13	2.0
DeKalb	E-59	55.4	0	3.1	3.5	7-15	2.0
DeKalb	BR-63	55.1	0	3.0	4.0	7-15	1.8
Dorman	BR-100	53.8	0	3.6	6.3	7-11	3.0
Funk's	G-577	53.3	0	3.6	5.5	7-16	1.0
Golden Acres	T.E. Bird-A-Boo	53.0	0	3.1	5.0	7-7	3.0
Warner	W-851	38.2	0	3.2	5.0	7-11	1.8

1/Planted: April 25, 1974

2/Yields adjusted to 14% moisture and 56 lb. per bushel.

3/Measured from terminal leaf to base of the head

4/1=tight; 2=medium; 3=loose.

Table 16. Yield and Other Characteristics of Early Planted Grain Sorghum Hybrids Tested for Two Years at the Upper Coastal Plain Substation, 1973-74

Brand name	Hybrid	Yield[1/]	Lodging	Height	Head exsertion[2/]	Head type[3/]
		Bu/A	Pct.	Ft.	In.	Rating
DeKalb	BR-54	78.1	0.0	3.7	4.4	2.5
DeKalb	BR-64	74.4	0.0	3.8	6.6	2.6
Excel	Bird-Go-68	65.9	0.0	3.2	4.5	2.6
McNair	895	61.0	0.0	4.0	6.6	1.6
McNair	654	60.6	0.0	3.5	5.0	2.0
Funk's	G-522	59.9	0.0	2.9	3.9	1.9
Funk's	G-516 BR	59.0	0.0	3.3	4.6	2.5
Golden Acres	T.E. Y-101	58.7	0.0	2.9	3.0	1.9
	Ga. 615	56.2	17.5	4.0	6.1	3.0
	AKS 614	54.7	21.9	3.6	5.4	3.0
DeKalb	E-59	52.5	0.0	3.1	3.9	1.8
Funk's	G-577	49.9	0.0	3.5	5.4	1.0
	AKS 663	48.6	0.0	3.2	4.4	3.0
Pennington	Penngrain BR	47.7	23.1	3.5	5.0	3.0
Dorman	BR-100	47.1	10.0	3.5	6.4	3.0
Funk's	BR-79	45.9	26.3	3.8	5.5	3.0
Golden Acres	T.E. Bird-A-Boo	42.3	16.3	3.1	5.0	3.0

1/Yields adjusted to 14% moisture and 56 lb. per bushel.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 17. Yield and Other Characteristics of Early Planted Grain Sorghum Tested for Three Years at the Upper Coastal Plain Substation, 1972-74

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]
		Bu/A	Pct.	Ft.	In.	Rating
DeKalb	BR-64	83.9	0.0	3.9	5.8	2.5
Funk's	G-522	73.1	0.0	3.0	3.3	1.9
Golden Acres	T.E. Y-101	70.2	0.4	2.9	2.7	1.8
	Ga. 615	69.3	20.4	4.0	4.8	2.9
	AKS 614	68.9	16.4	3.7	4.7	2.9
McNair	654	67.0	2.1	3.5	4.2	2.0
Pennington	Penngrain BR	65.8	22.5	3.7	4.0	2.8
DeKalb	E-59	65.7	0.0	3.1	3.6	1.8
Dorman	BR-100	63.9	8.3	3.7	5.4	2.8
Funk's	BR-79	62.3	22.2	3.9	4.8	2.8
	AKS 663	56.2	0.0	3.1	3.9	3.0
Golden Acres	T.E. Bird-A-Boo	53.8	14.6	3.0	4.3	3.0

1/Yields adjusted to 14% moisture and 56 lb. per bushel.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 18. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested at the Upper Coastal Plain Substation, 1974[1/]

Brand name	Variety	Yield[2/]	Lodging	Height	Head exsertion[3/]	Mid-bloom	Head type[4/]	Estimated bird damage	Charcoal[5/] rot incidence
		Bu/A	Pct.	Ft.	In.	Date	Rating	Pct.	Pct.
ACCO	X-9418	49.0	0	2.9	4.0	8-13	2.0	0.0	2.7
ACCO	R-1093	47.8	0	2.8	3.0	8-12	2.8	0.0	2.5
DeKalb	BR-54	40.5	0	3.7	6.3	8-14	2.5	0.0	6.2
Funk's	BR-79	40.2	0	3.6	6.5	8-12	2.8	0.0	0.0
Funk's	G-516 BR	39.9	0	2.7	2.8	8-18	2.8	0.0	0.0
Excel	Bird Go-68	39.2	0	2.6	2.3	8-18	2.3	0.0	0.0
----------	AKS 618	38.5	0	3.0	5.0	8-12	3.0	0.0	0.0
DeKalb	BR-63	38.4	0	3.1	5.3	8-16	1.0	0.0	0.0
Pennington	Penngrain BR	37.8	0	3.0	3.8	8-12	3.0	0.0	0.0
Funk's	G-577	36.4	0	3.2	4.8	8-15	1.0	0.0	0.0
----------	AKS 614	36.4	0	3.0	3.8	8-12	3.0	0.0	0.0
Dorman	BR-100	34.8	0	3.0	5.3	8-12	3.0	0.0	0.0
Golden Acres	T.E. Y-101	34.1	0	2.8	3.5	8-13	2.0	17.5	0.0
ACCO	R-1090	34.0	0	2.8	4.0	8-13	2.0	5.0	0.0
----------	AKS 663	33.5	0	3.0	3.3	8-20	3.0	0.0	0.0
Golden Acres	T.E. Bird-A-Boo	33.3	0	2.6	4.5	8-12	2.5	0.0	0.0
Pioneer	B818	32.2	0	3.3	5.5	8-18	2.3	0.0	0.0
DeKalb	BR-64	32.2	0	3.3	6.3	8-16	2.0	0.0	0.0
Growers	ML-135	31.3	0	2.7	4.8	8-12	2.0	13.8	0.0
----------	Ga. 615	30.0	0	3.5	4.5	8-12	3.0	0.0	0.0
Pioneer	B815	29.9	0	3.4	5.0	8-16	1.5	0.0	14.0
DeKalb	E-59	28.2	0	2.5	3.5	8-18	2.0	11.3	0.0
Funk's	G-522	27.3	0	2.8	3.3	8-14	2.0	20.0	0.0
Growers	ML-136	26.9	0	3.2	6.0	8-12	1.8	31.3	0.0
McNair	654	26.2	0	3.2	5.8	8-13	2.0	41.3	0.0
Funk's	G-459-BR	26.1	0	3.0	3.8	8-19	1.5	0.0	0.0
ACCO	R-1029	24.0	0	2.8	3.0	8-19	2.0	47.5	2.5
Warner	W-869	23.4	0	3.0	4.3	8-13	2.0	50.0	2.5
McNair	895	20.7	0	3.0	5.5	8-16	1.8	56.3	0.0
Warner	W-851	19.1	0	2.6	3.5	8-12	2.5	0.0	2.5

1/Planted: June 17, 1973

2/Yields adjusted to 14% moisture and 56 lbs per bushel; not adjusted for bird damage.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose.

5/*Macrophomina phaseoli* (Maubl.) Ashby

Table 19. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested Two Years at the Upper Coastal Plain Substation, 1973-74

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
DeKalb	BR-54	40.5	0	3.4	6.3	2.3	0.0
Funk's	BR-79	35.1	0	3.3	6.4	2.6	0.0
Golden Acres	T.E. Y-101	34.4	0	2.6	3.4	1.8	0.0
Pennington	Penngrain BR	34.2	0	2.7	3.9	2.9	0.0
DeKalb	BR-64	33.9	0	2.3	6.5	2.0	0.0
	AKS 614	30.8	0	2.7	4.3	2.6	0.0
Funk's	G 516 BR	30.8	0	2.5	3.1	2.4	0.0
Funk's	G-577	30.6	0	2.7	4.5	1.0	0.0
Dorman	BR-100	30.0	0	2.8	5.6	2.8	0.0
Excel	Bird-Go-68	29.5	0	2.4	2.6	2.1	0.0
	Ga. 615	28.4	0	3.1	4.8	2.6	0.0
	AKS 663	27.2	0	2.8	3.6	3.0	0.0
Funk's	G-522	26.8	0	2.4	3.1	1.8	10.0
Golden Acres	T.E. Bird-A-Boo	26.8	0	2.3	4.4	2.6	18.8
McNair	654	24.6	0	2.9	5.8	1.9	20.7
DeKalb	E-59	24.4	0	2.4	3.9	1.8	5.7
McNair	895	23.5	0	2.8	5.1	1.5	28.2

1/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 20. Yield and Other Characteristics of Late Planted Grain Sorghum Hybrids Tested Three Years at the Upper Coastal Plain Substation, 1972-74

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
DeKalb	BR-64	43.1	0.0	3.6	6.4	2.1	0.0
Funk's	BR-79	42.9	20.5	3.5	6.0	2.6	0.0
Golden Acres	T.E. Y-101	41.6	0.0	2.6	3.0	1.8	0.0
Pennington	Penngrain BR	41.0	19.6	3.1	4.2	2.8	0.0
	AKS 614	39.9	2.5	3.0	4.5	2.4	0.0
Dorman	BR-100	39.5	3.6	3.1	5.3	2.5	0.0
	AKS 663	37.2	0.0	2.9	3.0	3.0	0.0
	Ga. 615	37.1	14.9	3.3	4.3	2.4	0.0
Golden Acres	T.E. Bird-A-Boo	36.7	6.0	2.6	4.4	2.8	5.8
Funk's	G-522	34.6	0.0	2.7	3.3	1.8	6.6
DeKalb	E-59	33.4	0.0	2.6	3.8	1.7	3.7
McNair	654	32.0	4.2	3.1	5.2	1.8	13.6

1/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.

Table 21. Yield and Other Characteristics of Grain Sorghum Hybrids Tested at the Wiregrass Substation, 1974[1/]

Brand name	Variety	Yield[2/]	Lodging	Height	Head exsertion[3/]	Mid-bloom	Head type[4/]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Date	Rating	Pct.
ACCO	X-9418	102.0	0.5	3.8	4.0	7-3	2.5	0.0
Excel	Bird Go-68	98.9	1.5	3.7	3.3	7-2	3.0	0.0
Pioneer	B815	98.5	6.5	4.2	5.5	7-1	1.5	0.0
	AKS 614	96.5	21.3	3.9	4.3	6-28	3.0	0.0
Funk's	BR-79	95.9	20.0	4.3	7.0	6-27	3.0	0.0
DeKalb	BR-54	93.9	2.5	4.0	4.8	7-4	3.0	0.0
Golden Acres	T.E. Bird-A-Boo	90.1	8.3	3.8	4.3	6-25	3.0	0.0
	Ga. 615	89.9	14.5	3.7	4.5	6-28	3.0	0.0
	AKS 618	89.2	23.8	3.9	4.5	6-27	3.0	0.0
Funk's	G-459-BR	85.4	1.5	3.8	4.8	7-1	2.0	0.0
Funk's	G-516 BR	83.4	0.0	3.5	3.3	7-3	3.0	0.0
ACCO	R-1093	83.2	14.3	3.8	3.5	6-28	3.0	0.0
DeKalb	BR-63	79.9	0.0	3.5	4.3	7-1	1.3	0.0
Pennington	Penngrain BR	79.1	5.0	3.6	2.5	6-27	3.0	0.0
Pioneer	B818	76.7	6.0	3.9	6.0	7-2	3.0	0.0
Dorman	BR-100	76.0	21.8	3.9	5.5	6-29	3.0	2.5
DeKalb	BR-64	71.1	2.3	4.1	6.3	7-6	3.0	0.0
	AKS 663	67.9	1.0	4.1	6.3	7-8	3.0	0.0
Funk's	G-522	- [5/]	0.0	3.4	2.5	7-1	3.0	81.3
ACCO	R-1090	- [5/]	0.5	3.7	3.5	7-2	3.0	64.5
Warner	W-851	- [5/]	1.0	3.6	2.5	6-29	1.3	70.0
Golden Acres	T.E. Y-101	- [5/]	0.0	3.5	3.0	7-2	3.0	86.8
Growers	ML-135	- [5/]	0.0	3.4	2.8	7-1	3.0	79.3
ACCO	R-1029	- [5/]	0.0	3.5	3.0	7-2	3.0	88.8
DeKalb	E-59	- [5/]	0.0	3.4	2.5	7-6	3.0	79.5
Warner	W-869	- [5/]	1.3	3.9	4.0	7-1	3.0	96.0
McNair	895	- [5/]	1.8	3.9	4.3	7-2	3.0	95.3
Funk's	G-577	- [5/]	1.5	3.9	3.3	6-28	1.3	90.0
Growers	ML-136	- [5/]	1.0	3.8	3.0	7-2	3.0	95.3
McNair	654	- [5/]	3.0	3.7	3.5	7-1	3.0	97.0

1/Planted: April 24, 1974

2/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.

3/Measured from terminal leaf to base of the head.

4/1=tight; 2=medium; 3=loose.

5/To low to measure due to bird damage.

Table 22. Yield and Other Characteristics of Grain Sorghum Tested Two Years at the Wiregrass Substation, 1973-74

Brand name	Hybrid	Yield[1]	Lodging	Height	Head exsertion[2]	Head type[3]	Estimated bird damage
		Bu/A	Pct.	Ft.	In.	Rating	Pct.
Excel	Bird Go-68	81.4	0.8	3.9	4.1	2.5	0.0
Funk's	G 516 BR	72.6	0.0	3.7	3.8	2.5	0.8
	AKS 614	70.8	28.1	3.7	5.1	3.0	0.0
DeKalb	BR-54	70.7	16.3	4.1	5.6	2.8	0.0
	Ga. 615	70.7	10.6	3.8	4.8	2.7	3.3
Funk's	BR-79	69.8	29.4	3.9	6.5	3.0	0.0
Golden Acres	T. E. Bird-A-Boo	65.5	22.3	3.5	4.8	3.0	0.0
	AKS 663	60.4	0.5	4.1	6.0	2.9	0.0
Pennington	Penngrain BR	58.5	9.4	3.4	3.9	3.0	0.0
Dorman	BR-100	58.3	23.4	3.8	5.6	3.0	1.3
DeKalb	BR-64	54.2	1.1	4.0	5.8	2.3	2.5
Funk's	G-522	- [4]	0.0	3.5	4.0	2.5	43.8
Golden Acres	T. E. Y-101	- [4]	0.0	3.4	4.0	2.5	45.3
DeKalb	E-59	- [4]	10.6	3.4	4.3	2.6	41.6
McNair	654	- [4]	1.5	3.7	4.4	2.4	55.4
McNair	895	- [4]	3.4	3.9	4.9	2.1	53.3
Funk's	G-577	- [4]	0.8	3.8	5.1	2.1	62.5

1/Yields adjusted to 14% moisture and 56 lb. per bushel; not adjusted for bird damage.
2/Measured from terminal leaf to base of the head.
3/1=tight; 2=medium; 3=loose.
4/To low to measure due to bird damage.

Source of Seed for the 1974 Grain Sorghum Tests

Entry designation	Source of seed
ACCO	ACCO Seed P. O. Box 1630 Plainview, Texas
X-9418	
R-1090*	
R-1029*	
R-1093	
AKS	Department of Agronomy University of Arkansas Fayetteville, Arkansas
614	
663	
618	
Asgrow	Asgrow Seed Company P. O. Box 2010 Des Moines, Iowa
Dorodo M*	
Dixie	
H-724	
DeKalb	DeKalb Agricultural Association, Inc. Route 2 Lubbock, Texas
BR-54	
BR-64	
E-59*	
BR-63	
Dorman	Dorman and Company Lubbock, Texas
BR-100	
Excel	Excel Seed Company P. O. Box 1629 Plainview, Texas
Bird Go-68	
808*	
733*	
Funk's	Louisiana Seed Company, Inc. P. O. Box 1867 Plainview, Texas
G-516 BR	
G-522*	
G-459 BR	
BR-79	
G-577*	
Ga.	Department of Agronomy Georgia Station Experiment, Georgia
615	
Golden Acres	Taylor-Evans Seed Co. P. O. Box 480 Tulia, Texas
T.E. Bird-A-Boo	
T.E. Y-101*	
Growers	Growers Seed Assoc. P. O. Box 1656 Lubbock, Texas
ML-135*	
ML-136*	

* [illegible] rd resistant

McNair	McNair Seed Company
895*	P. O. Box 1132
654*	Plainview, Texas
650*	
656 BR	
Niagara	FMC Corporation
ORO*	Niagara Chemical
ORO-T*	Division
	McAllen, Texas
Northrup-King	Northrup, King and
279*	Company
Savanna 4	P. O. Box 370
X3101	Richardson, Texas
Pennington	Pennington Grain
Penngrain BR	and Seed, Inc.
	P. O. Box 290
	Madison, Georgia
Pioneer	Pioneer Corn
B815	Company, Inc.
B818	221 N. Main Street
	Tipton, Indiana
Warner	George Warner Seed
W-869*	Company, Inc.
W-851*	P. O. Box 1448
	Hereford, Texas

*Not bird resistant.