

**Technical Report 30**

# New Mexico Corn and Sorghum Performance Tests, 1995



Agricultural Experiment Station • Cooperative Extension Service  

---

College of Agriculture and Home Economics

**CONTENTS**

Corn ..... 1  
Sorghum ..... 1  
Corn performance tests ..... 2  
Sorghum performance test results ..... 2  
Forage sorghum and forage sorghum-sudangrass  
performance results ..... 2  
Sponsors of entries ..... 22

## LIST OF TABLES

1. Locations, elevations, and other climatic conditions for corn and sorghum hybrid test, NMSU agricultural science centers .....	3
2. Weather summary at Clovis, maximum, minimum, mean temperatures (°F), and precipitation, January through December .....	3
3. Soil types and cultural practices for corn and sorghum hybrids tests, by location and crop .....	4
4. Experimental layout, planting dates, and harvest dates for corn and sorghum hybrid tests, by location and crop .....	5

### Corn Performance

5. Grain corn hybrids (full-season): grain yield and other measurements, Clovis .....	6
6. Grain corn hybrids (white grain): grain yield and other measurements, Clovis .....	7
7. Grain corn hybrids (full-season): grain yield and other measurements, Farmington .....	7
8. Grain corn hybrids (early season): grain yield and other measurements, Farmington .....	8
9. Grain corn hybrids (white grain): grain yield and other measurements, Farmington .....	8
10. Grain corn hybrids (full-season): grain yield and other measurements, Los Lunas .....	8
11. Forage corn hybrids: grain yield and other measurements, Clovis .....	9
12. Forage corn hybrids: grain yield and other measurements, Artesia .....	9
13. Forage corn hybrids: forage quality determinations, Artesia .....	10
14. Forage corn hybrids: yield and other measurements, Farmington .....	10
15. Forage corn hybrids: yield and other measurements, Los Lunas .....	10

### Grain Sorghum Performance

16. Full-irrigated grain sorghum: maturity, yield, and other agronomic measurements, Clovis .....	11
---	----

17. Limited-irrigated grain sorghum: maturity, yield, and other agronomic measurements, Clovis .....	12
18. Dryland grain sorghum: maturity, yield, and other agronomic measurements, Clovis .....	13
19. Greenbug-resistant grain sorghum (irrigated): yield and other agronomic measurements, Clovis .....	13
20. Grain sorghum hybrids: yield and other agronomic measurements, Farmington .....	14
21. Forage sorghum hybrids (irrigated): yield and other measurements, Clovis .....	14
22. Forage sorghum-sudangrass hybrids (irrigated): yield and other measurements, Clovis .....	15
23. Forage sorghum-sudangrass hybrids (irrigated): yield and other measurements, Los Lunas .....	15
24. Grain corn hybrids (full-season and white grain): three-year average grain yields, Clovis .....	18
25. Forage corn hybrids: three-year average dry forage yields, Clovis .....	18
26. Grain sorghum hybrids: three-year average grain yields, Clovis .....	18
27. Forage sorghum: three-year average yields, Los Lunas .....	18
28. Forage sorghum-sudangrass: three-year yields, Clovis .....	18
29. Forage sorghum-sudangrass: three-year average dry forage yields, Los Lunas .....	19

### Sponsors

Sponsors of entries for the grain corn performance tests .....	22
Sponsors of entries for the forage corn performance tests .....	23
Sponsors of entries for the grain sorghum performance tests .....	24
Sponsors of entries for the forage sorghum performance tests .....	25
Sponsors of entries for the forage sorghum-sudangrass performance tests .....	25

# New Mexico Corn and Sorghum Performance Tests, 1995

B. Rouppet, E.J. Gregory, R.N. Arnold, C. Barnes, C. McGarrah, and R. F. Hooks<sup>1</sup>

Grain corn and sorghum hybrids were evaluated for performance at Agricultural Experiment Stations in Clovis, Farmington, Artesia, and Los Lunas. Seed companies entered hybrids in tests at these locations for a grant-in-aid fee (the 1995 participants are listed in appendix B). Entry blanks and information about the various tests may be obtained from the New Mexico State University Agricultural Science Center at Clovis, Star Route Box 77, Clovis, NM 88101, telephone (505) 985-2292.

The elevation and temperature conditions at each location are given in table 1. Clovis weather is given in table 2. Soil type and cultural practices for each location are given in table 3. Experimental layouts, planting, and harvest dates are given in table 4.

Field corn hybrids for grain, and sorghum hybrids for grain or forage were evaluated for adaptability and performance during the 1995 growing season. Tests were conducted under full-irrigation, limited-irrigation, and dryland conditions. All hybrids were evaluated using a randomized complete block design. The agronomic characteristics measured were yield, test weight, percentage grain moisture, dry matter content (forages), maturity, plant population density, plant height, and ear height (corn).

## Corn

*Yield.* Grain yields were estimated on a bushel per acre basis of shelled corn. Yields were adjusted to 15.5% moisture content and based on 56 pounds per bushel. Forage yields (entire plant except the basal part of stem and roots) are reported as tons per acre of green and oven-dried forage.

*Test Weight.* High test weight is an indicator of excellent seed development and is given in pounds per

bushel. Standard test weight of grain corn is 56 pounds per bushel.

*Maturity.* Corn maturity was estimated in days from planting to when approximately half the plants were beginning to silk.

*Miscellaneous Measurements.* In addition to the above, plant populations, plant and ear heights, grain moisture percentages, and dry matter content (forages) were estimated.

## Sorghum

*Yield.* Grain yields were estimated in bushels per acre and adjusted to 14% moisture. Forage yields are reported in tons per acre of green and dry forage.

*Test Weight.* Grain sorghum test weight is given in pounds per bushel. Standard test weight is 55 pounds per bushel.

*Maturity.* Classifications were determined by seed companies. Relative maturities were recorded as the number of days from planting to half bloom. However, since grain sorghum hybrids dry at different rates, the bloom date is not always an accurate maturity indicator.

*Miscellaneous Measurements.* Other measurements include plant populations, plant heights, and grain moisture content.

*Statistical Procedures.* Each test was arranged in a randomized complete block (RCB). The number of replicates for each experiment is shown in table 4. When significant differences were detected at the 95% level of probability using analysis of variance (ANOVA), a least significant difference (LSD) was computed. The LSD value represents how much an entry must differ from another to be significantly different. Small yield differences are meaningless as they may result from soil and environmental variability. When the yield

<sup>1</sup>Assistant professor and superintendent, NMSU Agricultural Science Center at Clovis; professor of crop and soil sciences, and pest management specialist, NMSU Agricultural Science Center at Farmington; farm superintendent, NMSU Agricultural Science Center at Artesia; and farm superintendent, and professor of horticulture at NMSU Agricultural Science Center at Los Lunas, respectively.

difference between two entries is smaller than the LSD value, the entries are considered the same. CV is the coefficient of variability and is calculated as the standard error divided by the mean and multiplied by 100. Large differences in soil type throughout the study or differences in water infiltration from the top of the field to the bottom of the field during irrigation may increase variability. A CV percentage less than 20% for corn and sorghum testing is a good indication of normal variability. Results of the Agricultural Science Center at Clovis' grain sorghum and forage sorghum tests are presented in a nonstatistical format due to partial crop failure. The crop failure was due to extreme drought conditions resulting in poor germination and irrigation inefficiency. For these tests, averages of two replicates are given and no statistical comparison is available.

### **Corn Performance Tests**

Clovis Full-Season Grain Corn (table 5)  
Location mean: 179 bu/acre  
Ranging from 128 to 219 bu/acre

Clovis White Grain Corn (table 6)  
Location mean: 154 bu/acre  
Ranging from 124 to 183 bu/acre

Farmington Full-Season Grain Corn (table 7)  
Location mean: 180 bu/acre  
Ranging from 159 to 208 bu/acre

Farmington Early Season Grain Corn (table 8)  
Location mean: 171 bu/acre  
Ranging from 131 to 212 bu/acre

Farmington White Grain Corn (table 9)  
Location mean: 166 bu/acre  
Ranging from 144 to 182 bu/acre

Los Lunas Full-Season Grain Corn (table 10)  
Location mean: 175 bu/acre  
Ranging from 161 to 190 bu/acre

Clovis Forage Corn (table 11)  
Location mean: 6.4 tons/acre dry forage  
Ranging from 5.7 to 7 tons/acre dry forage

Artesia Forage Corn (table 12)  
Location mean: 6.1 tons/acre dry forage  
Ranging from 5.5 to 6.6 tons/acre dry forage

Artesia Forage Corn Quality (table 13)

Farmington Forage Corn (table 14)  
Location mean: 8.2 tons/acre dry forage  
Ranging from 7.7 to 8.9 tons/acre dry forage

Los Lunas Forage Corn (table 15)  
Location mean: 9.6 tons/acre dry forage  
Ranging from 8.2 to 10.6 tons/acre dry forage

### **Sorghum Performance Test Results**

Clovis Full-Irrigated Grain Sorghum (table 16 )  
Location average: 36 bu/acre  
Ranging from 17 to 72 bu/acre

Clovis Limited-Irrigated Grain Sorghum (table 17)  
Location average: 31 bu/acre  
Ranging from 10 to 93 bu/acre

Clovis Dryland Grain Sorghum (table 18)  
Location average: 35 bu/acre  
Ranging from 11 to 67 bu/acre

Clovis Greenbug Resistant Sorghum (table 19)  
Location average: 51 bu/acre  
Ranging from 29 to 74 bu/acre

Farmington Full-Irrigated Grain Sorghum (table 20)  
Location mean: 147 bu/acre  
Ranging from 136 to 163 bu/acre

### **Forage Sorghum and Forage Sorghum-Sudangrass Performance Results**

Clovis Forage Sorghum (table 21)  
Location average: 4.4 tons/acre dry forage  
Ranging from 3.8 to 5.1 tons/acre dry forage

Clovis Sorghum-Sudangrass (table 22)  
Location average: 8.7 tons/acre dry forage (2 harvests)  
Ranging from 8.3 to 9.2 tons/acre dry forage

Los Lunas Sorghum-Sudangrass (table 23)  
Location mean: 10.7 tons/acre dry forage (2 harvests)  
Ranging from 10.1 to 11.2 tons/acre dry forage

**Table 1. Locations, elevations, and other climatic conditions for corn and sorghum hybrid tests, NMSU Agricultural Science centers, 1995.**

Location	Approximate elevation	1995 Frost dates (32°F)			Average frost dates* (32°F)		
		Last spring frost	First fall frost	1994 Frost-free period	Last spring frost	First fall frost	Average frost-free period
Artesia	3,375	April 13	Oct.10	180	April 16	Oct. 24	190
Clovis	4,435	April 31	Nov. 6	220	April 25	Oct. 23	181
Farmington	5,640	April 30	Oct. 17	170	May 4	Oct. 15	164
Los Lunas	4,840	April 30	Nov. 5	161	May 7	Oct. 16	162

\*Source: Weather station at each location.

**Table 2. Weather data (maximum, minimum, mean temperatures (°F), and precipitation) from January through December 1995 at the Agricultural Science Center at Clovis.**

Month	----- Temperatures -----			Precipitation (inches)
	Maximum (°F)	Minimum (°F)	Mean (°F)	
January	53	27	40	0.57
February	65	29	47	trace
March	63	32	48	0.40
April	74	36	55	0.43
May	79	46	62	2.69
June	89	53	71	2.41
July	96	60	78	1.28
August	92	62	77	1.86
September	86	55	71	3.34
October	80	41	61	1.36
November	71	33	52	0.04
December	57	29	43	0.48
			Total	14.86

**Table 3. Soil types and cultural practices for corn and sorghum hybrid tests, 1995.**

Location and soil type	Planting rate	Previous crops	Fertilizer applied (lb/acre)				Irrigations number
			N	P	K	S	
<b>Artesia (Pima silty loam)</b>							
Forage corn	2.5 seed/foot	sugar beets	100	—	—	—	4
<b>Clovis (Olton silty clay loam)</b>							
Corn (full-season and white grain)	36,000 seed/a	small grains	200	200	—	—	9
Forage corn	36,000 seed/a	small grains	200	200	—	—	9
Grain sorghum (full-irrigated)	8 lb/a	small grains	43	100	—	—	8
Grain sorghum (limited-irrigated)	5 lb/a	small grains	43	100	—	—	4
Grain sorghum (dryland)	3 lb/a	small grains	43	100	—	—	— <sup>1</sup>
Grain sorghum (greenbug resistant)	8 lb/a	corn	43	100	—	—	8
Forage sorghum	12 lb/a	fallow	200	200	—	—	5
Forage sorghum-sudangrass	16 lb/a	fallow	200	200	—	—	5
<b>Farmington (Doak fine sandy loam)</b>							
Forage corn	29,000 seed/a	—	232	250	80	—	center pivot <sup>2</sup>
Grain corn (full-season)	29,000 seed/a	—	232	250	80	—	center pivot
Grain corn (early season)	29,000 seed/a	—	232	250	80	—	center pivot
Grain corn (white grain)	29,000 seed/a	—	232	250	80	—	center pivot
Grain sorghum (full-irrigated)	8 lb/a	—	232	250	80	—	center pivot
<b>Los Lunas (Vinton loamy fine sand)</b>							
Forage corn	34,000 seed/a	alfalfa	200	—	—	—	9
Grain corn (full-season)	34,000 seed/a	alfalfa	200	—	—	—	9
Sorghum-sudangrass	16 lb/a	alfalfa	200	—	—	—	9

<sup>1</sup>Dryland sorghum was irrigated at planting to ensure stand establishment.

<sup>2</sup>Farmington studies were irrigated by center pivot as needed, and all other locations were furrow irrigated.

**Table 4. Experimental layout<sup>1</sup>, and dates planted and harvested for corn and sorghum hybrid test, by location and crop, 1995.**

	Row number	Plot feet	Rows number	Replications number	Date planted	Date harvested
<b>Artesia</b>						
Forage corn	12	40	25	2	5	April 28 August 8
<b>Clovis</b>						
Corn (full-season grain)	30	40	16	2	4	May 4 October 23
Corn (white grain)	13	40	16	2	4	May 4 October 24
Forage corn	23	40	36	1	4	May 2 August 23
Sorghum (irrigated grain)	20	40	16	2	4*	June 2 November 10
Sorghum (limited-irr.grain)	19	40	16	2	4*	June 2 November 10
Sorghum (dryland)	19	40	16	2	4*	June 2 November 8
Sorghum (greenbug res.)	10	40	16	2	4*	June 5 November 10
Forage sorghum	6	40	36	1	4*	June 2 August 22
Forage sorghum-sudangrass	4	40	36	1	4*	June 2 Aug. 22, Oct. 30
<b>Farmington</b>						
Forage corn	4	34	20	4	4	May 15 September 12
Grain corn (full-season)	10	34	20	4	4	May 15 November 13
Grain corn (early season)	12	34	20	4	4	May 15 November 13
Grain corn (white seed)	6	34	20	4	4	May 15 November 14
<b>Los Lunas</b>						
Forage corn	4	38	20	1	8	May 16 October 4
Grain corn (full-season)	2	38	20	1	8	May 16 October 25
Forage sorghum-sudangrass	2	38	20	1	8	May 16 Aug.1, Oct.3

<sup>1</sup>All tests were conducted using a randomized complete block design.

\*Although four replicates were planted, only the mean of two replicates is given for these tests due to partial crop failure.

**Table 5. Corn hybrids (full-season): Grain yield and other measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company or brand name	Hybrid	Yield per acre <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Days to half silk	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	days	inches	inches
Asgrow	RX938	219	20.7	55.8	32,669	96	95	51
Mycogen	8240	207	18.2	56.6	34,465	95	95	50
HyPerformer	HS9843	203	8.0	56.4	33,322	96	94	47
ICI	8281	202	15.3	57.7	31,852	91	88	45
HyPerformer	HS9944	196	17.7	56.4	34,465	95	92	46
Triumph	2010	195	17.9	56.4	33,649	95	96	48
Golden Harvest	H2641	191	18.3	56.4	32,178	94	95	50
Delta & Pine Land	4662	191	15.6	57.8	34,302	95	93	45
Asgrow	RX897	191	17.7	56.8	32,669	93	94	46
ICI	8285	189	17.7	56.7	35,609	95	96	49
Delta & Pine Land	4581	187	17.1	57.4	32,342	96	92	48
Cargill	8327	184	17.8	56.7	33,649	96	92	48
DeKalb	DK652	183	15.4	57.3	33,159	92	85	38
DeKalb	DK715	182	16.4	57.8	32,342	92	89	40
Germain's	46938	181	15.0	56.8	31,688	94	95	48
DeKalb	DK657	180	16.0	58.3	32,832	92	91	43
Golden Harvest	H2581	179	14.7	57.0	34,629	93	88	40
Mycogen	7660	178	15.1	58.4	30,708	95	93	48
Delta & Pine Land	G-4673B	178	15.5	58.5	33,975	93	95	44
Cargill	7777	176	14.7	59.1	33,649	91	94	45
Mycogen	7885	173	16.7	57.2	29,075	94	89	46
Cargill	7997	172	14.3	59.9	31,525	92	91	44
DeKalb	DK626	168	12.8	57.4	33,812	91	93	45
Germain's	36122	166	15.1	58.5	34,629	93	92	46
Asgrow	XP9292	162	16.1	58.2	33,322	94	88	42
Germain's	36304	158	14.2	57.6	30,872	91	92	47
Germain's	36236	152	14.3	58.5	28,585	91	87	41
Triumph	1522	152	14.9	57.9	30,382	91	90	40
Golden Harvest	H2564	145	13.1	58.6	32,832	91	89	41
HyPerformer	HS9502	128	14.0	57.0	32,178	93	88	42
	Mean	179	16.0	57.5	32,712	93	92	45
	LSD(0.05)	33	0.8	0.7	ns	3	4	4
	CV(%)	13	3.7	0.9	10	2	3	6

ns = no significant difference.

<sup>1</sup>Yields adjusted to 15.5% moisture.

**Table 6. Corn hybrids (white grain): Grain yield and other measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company or brand name	Hybrid	Yield per acre <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Days to half silk	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	days	inches	inches
Asgrow	X891290	183	19.6	59.8	33,485	95	95	47
Asgrow	RX951W	169	22.1	57.9	29,728	96	101	49
HyPerformer	HY9796W	165	20.2	58.1	32,342	94	91	46
Asgrow	RX943W	164	19.9	59.5	28,748	95	95	51
Golden Harvest	H2633W	164	18.6	57.6	34,302	95	91	42
Mycogen	EX4805W	161	15.2	58.5	31,362	95	96	44
DeKalb	EX566W	159	17.5	59.5	32,342	93	84	37
Cargill	V453W	158	16.7	59.4	30,872	94	83	41
Triumph	1910W	156	21.2	58.7	31,198	94	89	42
Cargill	V488W	147	17.5	59.7	32,015	94	86	42
DeKalb	DK703W	130	18.6	58.7	29,565	96	87	50
Mycogen	EX5825W	126	15.8	60.3	33,812	94	96	47
Mycogen	7860W	124	16.2	59.6	32,669	96	95	49
	Mean	154	18.4	59.0	31,726	95	91	45
	LSD(0.05)	ns	1.0	1.0	ns	ns	7	4
	CV(%)	20	4.1	1.2	8	2	5	7

ns = no significant difference.

<sup>1</sup>Yields adjusted to 15.5% moisture.

**Table 7. Grain corn hybrids (full-season): Grain yield and other measurements, NMSU Agricultural Science Center at Farmington, 1995.**

Company or brand name	Hybrid	Grain yield <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	inches	inches
Germain's	GC46938	208	16.9	52.8	31,803	116	54
HyPerformer	HS9502	191	16.3	52.3	30,843	97	47
DeKalb	DK652	190	17.3	52.3	31,419	101	43
Pioneer	3525	188	15.1	54.8	31,035	108	47
Pioneer	3375	181	16.4	54.3	31,323	102	45
Pioneer	3489	178	14.6	54.3	30,746	103	39
DeKalb	DK626	177	16.6	52.5	31,515	107	45
Germain's	GC36236	167	16.4	53.8	28,729	101	47
Germain's	GC36122	162	16.3	52.3	30,458	107	49
Germain's	GC36304	159	17.7	51.8	30,170	106	49
	Mean	180	16.3	53.1	30,804	104	46
	LSD(0.05)	26	1.1	1.3	ns	4	5.0
	CV(%)	10	4.8	1.7	6	3	7.3

<sup>1</sup>Yields adjusted to 15.5% moisture and 56 pounds a bushel.

ns = no significant difference.

**Table 8. Grain corn hybrids (early season): Grain yield and other measurements, NMSU Agricultural Science Center at Farmington, 1995.**

Company or brand name	Hybrid	Grain yield <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	inches	inches
DeKalb	DK527	212	13.2	54.3	32,285	97	42
Germain's	GC4949	202	15.1	53.3	33,150	98	45
DeKalb	DK512	189	13.1	53.5	33,246	105	46
Asgrow	RX623	189	14.6	55.3	31,613	98	46
Pioneer	3563	181	13.6	56.0	29,787	109	45
Asgrow	RX502	173	14.5	55.3	38,844	90	38
Cargill	4177	170	14.0	55.0	33,727	92	43
Cargill	3797	165	13.1	55.0	31,901	97	47
Pioneer	3861	156	12.7	54.8	30,556	101	46
Germain's	GC33001	145	13.2	56.3	30,940	101	42
Germain's	GC4242	140	13.7	55.8	29,979	92	41
DeKalb	DK412	131	12.3	54.5	29,883	92	44
	Mean	171	13.6	54.9	31,493	98	44
	LSD(0.05)	22	0.4	0.7	2,203	6	4
	CV(%)	9	2.0	0.9	5	4	6

<sup>1</sup>Yields adjusted to 15.5% moisture.

**Table 9. Grain corn hybrids (white grain): Grain yield and other measurements, NMSU Agricultural Science Center at Farmington, 1995.**

Company or brand name	Hybrid	Grain yield <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	inches	inches
Pioneer	3287W	182	17.4	56.8	30,460	106	49
Pioneer	3443W	179	14.8	57.3	31,325	107	49
Pioneer	3463W	174	15.5	56.8	32,478	107	47
Asgrow	RX795W	162	17.3	56.8	31,133	111	53
HyPerformer	HY9509W	155	17.4	56.3	31,037	115	56
Asgrow	757920W	144	16.9	56.0	27,770	108	49
	Mean	166	16.5	56.6	30,700	109	50
	LSD(0.05)	35	0.7	0.5	2,381	ns	6
	CV(%)	14	2.7	0.6	5	7	8

ns = no significant difference.

<sup>1</sup>Yields adjusted to 15.5% moisture.

**Table 10. Grain corn hybrids (early season): Grain yield and other measurements, NMSU Agricultural Science Center at Los Lunas, 1995.**

Company or brand name	Hybrid	Grain yield <sup>1</sup>	Grain moisture	Test weight	Plants per acre at harvest	Plant height	Ear height
		bu/acre	%	lb/bu	no/acre	inches	inches
HyPerformer	HS9843	190	15.2	61	27,855	103	51
Pioneer	3223	161	15.3	54	27,339	105	50
	Mean	175	15.3	57	27,597	104	51
	LSD(0.05)	ns	ns	ns	ns	ns	ns
	CV(%)	14	7.1	2	5	2	3

ns = no significant difference.

<sup>1</sup>Yields adjusted to 15.5% moisture.

**Table 11. Forage corn hybrids: Yield and other measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company or brand name	Hybrid	Yield		Plants per acre	Plant height	Dry matter
		Dry forage	Green forage			
		tons per acre		number	inches	percentage
Mycogen	8460	7.0	30.9	25,835	80	22.6
HyPerformer	HS9843	6.9	28.2	28,451	79	24.4
Pioneer Hi-Bred	3211	6.9	27.8	25,181	82	24.8
Golden Harvest	H2641	6.8	29.1	26,162	82	23.1
DeKalb	DK743	6.7	28.0	28,214	83	24.3
Germain's	GC3114	6.7	25.9	26,489	83	25.8
DeKalb	DK683	6.6	28.0	29,105	84	23.8
ICI	8315	6.6	29.5	26,816	80	22.5
Golden Harvest	H2573	6.5	26.9	28,124	73	24.2
NC+Hybrids	NC6959	6.5	27.3	24,854	82	23.7
Asgrow	RX897	6.4	27.6	26,489	78	23.2
Pioneer Hi-Bred	3223	6.4	26.3	34,665	76	24.6
Germain's	GC46938	6.3	27.5	26,489	82	23.1
HyPerformer	HS9773	6.3	26.5	25,835	82	24.0
DeKalb	DK646	6.3	24.2	28,835	76	25.6
Pioneer Hi-Bred	3173	6.3	27.3	24,200	79	22.9
ICI	8285	6.2	27.5	28,778	81	22.4
Golden Harvest	H2564	6.1	23.0	28,451	82	26.7
Golden Harvest	H2547	6.0	21.7	26,816	76	27.3
Golden Harvest	H2581	6.0	24.6	31,395	75	24.5
HyPerformer	HS9944	6.0	24.9	24,527	78	23.8
Asgrow	RX938	5.8	26.3	24,200	85	22.2
Triumph	2010	5.7	23.6	31,395	86	23.4
	Mean	6.4	26.6	27,313	80	24.1
	LSD(0.05)	ns	ns	ns	ns	2.6
	CV(%)	16.0	13.4	15	7	7.6

ns = no significant difference.

**Table 12. Forage corn hybrids: Yield and other measurements, NMSU Agricultural Science Center at Artesia, 1995.**

Company	Hybrid	Dry forage yield	Dry matter	Plant height	Ear height	Days to half silk
		tons/acre	%	inches	inches	no.
DeKalb	DK683	6.6	24	99	40	75
Germain's	GC46938	6.6	24	105	39	76
Germain's	GC3114	6.2	25	94	37	76
HyPerformer	HS9843	6.2	23	102	42	77
DeKalb	DK626	6.1	25	102	30	74
HyPerformer	HS9773	6.1	23	98	41	75
Northrup King	NK7989	6.1	22	95	38	78
Pioneer Hi-Bred	3211	6	26	95	35	75
DeKalb	743	6	24	100	37	75
HyPerformer	HS9944	5.8	24	102	41	79
Pioneer Hi-Bred	3223	5.7	23	102	41	77
Pioneer Hi-Bred	3130	5.5	23	103	36	80
	Mean	6.1	24	100	39	77
	LSD(0.05)	ns	ns	6	4	2
	CV(%)	8.3	7	5	9	2

ns = no significant difference.

**Table 13. Forage corn hybrids: Forage quality determinations\*, NMSU Agricultural Science Center at Artesia, 1995.**

Hybrid	Acid detergent fiber	Neutral detergent fiber	Crude protein	TDN (Calc)	Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca	NE/Maintenance
	percentage								
DK683	29.06	49.63	8.30	31.47	0.21	1.12	0.19	0.17	0.13
GC46938	26.27	44.13	8.78	31.58	0.22	1.11	0.17	0.13	0.13
GC3114	30.13	52.55	8.09	31.36	0.21	1.13	0.21	0.19	0.12
HS9843	33.54	55.68	8.65	31.13	0.21	1.21	0.19	0.17	0.12
DK626	25.81	43.51	8.98	31.62	0.23	1.18	0.18	0.16	0.13
HS9773	28.52	48.17	9.13	31.46	0.22	1.17	0.19	0.16	0.13
NK7989	30.84	51.99	8.75	31.59	0.22	1.17	0.20	0.18	0.13
3211	26.82	47.03	8.67	31.32	0.22	1.07	0.18	0.14	0.12
DK743	27.56	46.21	9.41	31.61	0.21	1.22	0.19	0.18	0.13
HS9944	32.42	54.34	8.87	31.20	0.20	1.28	0.20	0.21	0.12
3223	30.22	50.45	8.92	31.24	0.22	1.22	0.19	0.16	0.12
3130	29.44	50.92	9.28	31.40	0.23	1.23	0.20	0.21	0.12
Mean	29.22	49.55	8.82	31.42	0.22	1.18	0.19	0.17	0.13

\*Determinations made from a composite sample of all replications by near infrared (NIR) analysis.

**Table 14. Forage corn hybrids: yield and other measurements, NMSU Agricultural Science Center at Farmington, 1995.**

Company	Hybrid	Yield		Dry matter	Plants per acre	Plant height	Ear height
		Dry forage	Green forage				
		tons/acre	tons/acre	%	no./acre	inches	inches
Cargill	8327	8.9	36.9	24	32,286	111	53
HyPerformer	HS9843	8.8	36.1	24	29,980	111	56
HyPerformer	HS9773	7.7	34.0	23	30,364	104	48
HyPerformer	HS9502	7.7	32.8	24	29,211	101	47
	Mean	8.3	35.1	24	30,461	107	51
	LSD(0.05)	0.6	4.6	2	3,484	6	3
	CV(%)	8.4	8.2	5	7	4	4

**Table 15. Forage corn hybrids: Yield and other measurements, NMSU Agricultural Science Center at Los Lunas, 1995.**

Company	Hybrid	Yield		Dry matter	Plants per acre	Plant height
		Dry forage	Green forage			
		tons/acre	tons/acre	%	no./acre	inches
Pioneer	3223	10.6	25.4	42.0	24,588	105
HyPerformer	HS9843	9.8	23.3	41.6	27,339	102
HyPerformer	HS9773	9.8	22.4	43.0	26,222	106
HyPerformer	HS9502	8.2	20.2	40.5	26,737	96
	Mean	9.6	22.8	41.8	26,222	102
	LSD(0.05)	1.2	2.1	2.6	1,399	4
	CV(%)	12.1	8.8	5.9	5	3

**Table 16. Full-irrigated grain sorghum: Maturity, yield, and other agronomic measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company	Variety	Maturity rating <sup>1</sup>	Yield <sup>2</sup>	Grain moisture	Test weight	Plants harvested	Days to half bloom	Plant height
			bu/acre	%	lb/bu	no./acre	no.	inches
Asgrow	A570	*	72	12.7	57.7	23508	274	51
DeKalb	DK-58	ML	56	12.3	58.9	18611	272	46
NC+ Hybrids	NC7R83	M	54	12.5	58.5	22202	272	49
Cargill	X19225	*	52	12.4	58.9	24161	276	48
Asgrow	A531	*	46	12.2	59.2	20243	274	46
Golden Harvest	H509	ML	42	12.3	60.4	17958	270	48
NC+ Hybrids	NC7B90	M	38	12.3	58.8	18937	278	47
Pioneer	8118	L	37	13.9	58.2	16978	279	51
Delta & Pine Land	1506	M	36	13.9	58.5	23508	261	51
Mycogen	Amigo	ML	36	12.1	59.3	24814	275	44
ICI	5319	ML	33	13.3	58.9	18611	271	46
Mycogen	444E	ML	29	13.1	59.3	23182	271	41
Pioneer	8310	ML	27	14.5	58.4	18284	275	50
DeKalb	DK-66	L	26	14.6	57.4	22202	281	51
Cargill	837	*	25	13.0	57.2	21549	270	48
DeKalb	DK-55	ML	24	14.1	56.8	24161	278	49
Triumph	TR82G	ML	23	12.9	59.4	20896	278	49
DeKalb	DK-56	ML	21	12.6	59.9	18284	272	49
DeKalb	DK-54	ML	20	12.7	58.6	15999	272	46
Cargill	X19207	*	17	12.8	57.5	22855	268	44
Average <sup>3</sup>			36	13.0	58.6	20,847	273	48

<sup>1</sup> Seed company maturity designation: E = early, M = medium, L = late.

<sup>2</sup> Yields are adjusted to 14% moisture.

<sup>3</sup> Due to a partial crop failure, averages based on two replicates are given and no statistical comparison is available.

\* Maturity rating not available.

**Table 17. Limited-irrigated grain sorghum: Maturity, yield, and other agronomic measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company	Variety	Maturity rating <sup>1</sup>	Yield <sup>2</sup>	Grain moisture	Test weight	Plants harvested	Days to half bloom	Plant height
			bu/acre	%	lb/bu	no./acre	no.	inches
Cargill	X19225	*	93	14.1	56.5	13,387	279	52
Cargill	X19207	*	68	12.7	58.2	18,611	278	50
Asgrow	A406	*	51	13.9	58.3	14,366	274	45
Asgrow	XP4251	*	47	12.4	60.0	11,428	269	46
Mycogen	466W	ML	42	13.7	59.5	17,305	271	47
Delta & Pine Land	1506	M	39	13.4	58.3	19,264	264	57
Triumph	TR481	ML	33	14.2	58.9	12,081	278	55
Asgrow	A531	*	27	13.6	58.9	14,040	262	50
Pioneer	8310	ML	25	14.3	56.1	12,734	281	46
DeKalb	DK-51	M	22	13.5	58.3	14,366	273	46
ICI	5514Y	M	20	13.1	58.7	9,142	272	44
Golden Harvest	H-388W	ME	19	14.4	55.5	13,713	269	47
Golden Harvest	H-403	ME	19	13.6	57.2	16,978	266	45
DeKalb	DK-48	M	18	12.6	58.6	11,754	271	46
Cargill	737	ME	18	13.9	57.4	15,999	276	47
DeKalb	DK-55	ML	16	14.0	56.5	12,734	281	46
Cargill	837	*	13	13.2	58.9	14,366	276	47
Delta & Pine Land	1490Y	ME	12	14.7	56.3	11,754	261	44
DeKalb	DK-56	ML	10	14.4	56.4	16,325	281	51
Average <sup>3</sup>			31	13.7	57.8	14,229	273	48

<sup>1</sup> Seed company maturity designation: E = early, M = medium, L = late.

<sup>2</sup> Yields are adjusted to 14% moisture.

<sup>3</sup> Due to a partial crop failure, averages based on two replicates are given and no statistical comparison is available.

\* Maturity rating not available.

**Table 18. Dryland grain sorghum: Maturity, yield, and other agronomic measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company	Variety	Maturity rating <sup>1</sup>	Yield <sup>2</sup>	Grain moisture	Test weight	Plants harvested	Days to half bloom	Plant height
			bu/acre	%	lb/bu	no./acre	no.	inches
Cargill	737	ME	67	15.9	57.9	13,713	240	43
Mycogen	T-E Hardy	M	66	15.3	59.0	21,549	254	36
Cargill	X11432	*	51	15.0	57.4	12,081	252	43
Golden Harvest	H40351	ME	50	15.3	58.2	16,325	251	42
DeKalb	DK-41Y	M	49	15.1	58.1	13,387	215	42
Pioneer Hi-Bred	8446	M	42	14.9	58.1	15,019	237	42
ICI	5616	ME	38	15.9	58.3	11,428	251	43
Delta & Pine Land	1490Y	ME	37	15.5	57.1	13,713	251	40
Triumph	TR459	ME	36	16.9	57.9	12,407	252	39
DeKalb	DK-46	M	35	15.8	56.3	17,631	251	43
Pioneer Hi-Bred	8699	E	29	13.7	59.0	14,366	239	40
Mycogen	3838	M	26	14.1	56.9	14,693	215	42
DeKalb	DK-40Y	ME	25	14.3	58.2	13,387	222	40
Asgrow	XP3282	*	23	16.6	57.5	11,428	210	38
DeKalb	DK-39	ME	23	15.5	58.4	15,999	252	40
Asgrow	A298	*	23	14.5	56.5	15,019	225	40
DeKalb	DK-38Y	ME	22	14.4	57.3	14,366	233	38
ICI	5514Y	M	17	13.7	57.2	15,346	236	38
Golden Harvest	H-388W	ME	11	15.1	57.2	13,387	238	43
Average <sup>3</sup>			35	15.1	57.6	14,487	238	41

<sup>1</sup> Seed company maturity designation: E = early, M = medium, L = late.

<sup>2</sup> Yields are adjusted to 14% moisture.

<sup>3</sup> Due to a partial crop failure, averages based on two replicates are given and no statistical comparison is available.

\* Maturity rating not available.

**Table 19. Greenbug-resistant grain sorghum (irrigated): Yield and other agronomic measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company	Hybrid	Yield <sup>1</sup>	Grain moisture	Test weight	Plants harvested	Days to half bloom	Plant height
		bu/acre	%	lb/bu	no./acre	no.	inches
Cargill	X19207	74	16.1	54.3	35589	282	47
Golden Harvest	H509	63	17.0	54.5	33956	278	45
Cargill	737	59	17.4	52.9	35589	280	45
HyPerformer	EX9660	59	16.3	53.5	31344	270	45
HyPerformer	AP9850	52	19.5	49.9	36242	285	50
HyPerformer	EX9440	46	17.3	51.0	29385	281	46
Cargill	X19225	46	18.1	50.6	22529	284	47
DeKalb	DK-58	45	15.8	52.2	32324	285	55
HyPerformer	AP9210	38	16.5	54.4	29059	275	42
Cargill	X11432	29	15.6	53.0	31671	276	45
Average <sup>2</sup>		51	17.0	52.6	31769	280	47

<sup>1</sup> Yields are adjusted to 14% moisture.

<sup>2</sup> Due to a partial crop failure, averages based on two replicates are given and no statistical comparison is available.

**Table 20. Grain sorghum hybrids: Grain yield and other measurements, NMSU Agricultural Science Center at Farmington, 1995.**

Company	Hybrid	Yield <sup>1</sup>	Grain moisture	Test weight	Days to half bloom	Plant height
		bu/acre	%	lb/bu	no.	inches
Pioneer	8606	163	12.5	54	226	54
Pioneer	8500	154	12.5	56	226	48
Pioneer	8699	141	12.3	55	226	47
Pioneer	8771	139	12.4	55	226	48
Pioneer	8925	136	12.6	57	213	39
	Mean	147	12.4	56	223	17
	LSD(0.05)	18	ns	1		5
	CV(%)	8	1.2	1		6

<sup>1</sup>Yields adjust to 14% moisture.

**Table 21. Forage sorghum (irrigated): Yield and other measurements, NMSU Agricultural Science Center at Clovis, 1995.**

		----- Yield -----			
Company	Hybrid	Dry forage	Green forage	Dry matter	Plant height
		----- tons/acre -----	-----	%	inches
NC+ Hybrids	NC+965	5.1	27.4	18.7	86
Mycogen	T-E Milkmaker	4.8	24.6	19.7	84
NC+ Hybrids	NC+ Nutra-Choice	4.5	21.9	20.4	70
DeKalb	FS-5	4.2	24.2	17.5	86
Mycogen	Red Top Kandy	4.0	22.9	17.2	91
DeKalb	FS-25E	3.8	20.5	18.2	73
Average <sup>1</sup>		4.4	23.6	18.6	82

<sup>1</sup> Due to a partial crop failure, means given are based on two replicates only and no statistical comparison is available.

**Table 22. Forage sorghum-sudangrass hybrids (irrigated): Yield and other measurements, NMSU Agricultural Science Center at Clovis, 1995.**

Company or brand name	Hybrid	Harvest: August 22, 1995				Harvest: October 30, 1995				Total	
		Oven-dry forage tons/acre	Green forage tons/acre	Dry matter %	Plant height inches	Oven-dry forage tons/acre	Green forage tons/acre	Dry matter %	Plant height inches	Oven-dry forage tons/acre	Green forage tons/acre
DeKalb	Sudax SX-15	5.9	28.3	20.8	108	3.3	11.6	28.8	54	9.2	39.9
NC+ Hybrids	NC+Sweetleaf	5.3	15.4	34.1	81	3.3	10.3	31.9	52	8.6	25.7
DeKalb	Sudax SX-17	5.3	27.7	19.2	100	3.2	9.5	33.1	51	8.5	37.2
Mycogen	T-E Haygrazer II	4.9	23.9	20.3	98	3.4	10.6	32.5	53	8.3	34.5
Average		5.4	23.8	23.6	96	3.3	10.5	31.6	53	8.7	34.3

<sup>1</sup> Due to a partial crop failure, means given are based on two replicates only and no statistical comparison is available.

**Table 23. Forage sorghum-sudangrass hybrids (irrigated): Yield and other measurements, NMSU Agricultural Science Center at Los Lunas, 1995.**

Company or brand name	Hybrid	Harvest: August 1, 1995				Harvest: October 3, 1995				Total	
		Oven-dry forage tons/acre	Green forage tons/acre	Dry matter %	Plant height inches	Oven-dry forage tons/acre	Green forage tons/acre	Dry matter %	Plant height inches	Oven-dry forage tons/acre	Green forage tons/acre
DeKalb	Sudax SX-15	5.2	32.5	16.1	94	6.0	29.0	20.8	119	11.2	61.5
DeKalb	Sudax SX-17	5.5	30.4	18.0	98	4.6	21.6	21.3	107	10.1	51.9
	Mean	5.3	31.4	17.0	96	5.3	25.3	21.1	113	10.7	56.7
	LSD(0.05)	ns	ns	1.3	ns	0.8	4.8	ns	7	ns	ns
	CV(%)	14.0	13.4	6.6	6	13.1	16.2	15.1	5	12.4	13.2

ns = no significant difference.



## **Appendix A**

### **Three-Year Yield Averages for Grain Corn, Grain Sorghum, Forage Sorghum, and Sorghum-sudangrass**

**Table 24. Corn hybrids (full-season and white grain): Three-year mean grain yields, NMSU Agricultural Science Center at Clovis, 1993–1995.**

Company	Hybrid	1993	1994	1995	Average
----- bu/acre -----					
<b>Full-Season</b>					
Triumph	2010	188	132	195	172
Cargill	8327	187	144	193	175
DeKalb	DK715	186	165	182	178
Delta & Pine Land	G4673B	171	141	178	163
DeKalb	DK652	161	155	183	166
Asgrow	XP9292	158	127	162	149
Delta & Pine Land	4581	158	128	187	158
Cargill	7997	157	136	172	155
DeKalb	DK626	149	149	168	155
<b>White Grain</b>					
Asgrow	RX703W	176	84	164	141
DeKalb	DK703W	156	109	130	132
Triumph	1910W	147	106	156	136

**Table 25. Forage corn hybrids: Three-year mean dry forage yields, NMSU Agricultural Science Center at Clovis, 1993–1995.**

Company	Hybrid	1993	1994	1995	Average
----- tons/acre -----					
Triumph	2010	15.1	8.0	5.7	9.6
DeKalb	DK743	14.3	8.7	6.7	9.9
Pioneer	3211	14.3	8.9	6.9	10.0
ICI	8315	14.4	9.4	6.6	10.1

**Table 26. Grain sorghum hybrids: Three-year mean grain yields<sup>1</sup>, NMSU Agricultural Science Center at Clovis, 1993–1995.**

Company	Hybrid	1993	1994	1995 <sup>1</sup>	Average
----- bu/acre -----					
<b>Full-Irrigated</b>					
DeKalb	DK-66	204	104	26	111
Mycogen	ORO Amigo	162	140	36	113
DeKalb	DK-58	161	164	56	127
DeKalb	DK-56	146	123	21	97
Cargill	837	143	108	25	92
Delta & Pine Land	1506	121	88	36	82
<b>Limited-Irrigated</b>					
DeKalb	DK-51	111	91	21	74
DeKalb	DK-56	105	66	10	60
Pioneer	8310	104	109	25	79
Cargill	837	101	83	13	66
DeKalb	DK-48	98	83	18	66
Delta & Pine Land	1506	72	80	39	64
<b>Dryland</b>					
Mycogen	T-E Hardy	71	7	66	48
DeKalb	DK-40Y	69	6	25	33
Pioneer	8446	69	5	42	39
DeKalb	DK-41Y	69	7	49	42
DeKalb	DK-38Y	68	7	22	32
Golden Harvest	H388W	64	8	11	28

<sup>1</sup> 1995 yields are averages of two replicates; 1994 and 1995 yields are means of four replicates.

**Table 27. Forage sorghum-sudangrass hybrids: Three years of dry forage yields, NMSU Agricultural Science Center at Los Lunas, 1993–1995.**

Company	Hybrid	1993	1994	1995	Average
----- tons/acre -----					
DeKalb	Sudax SX-15	11.1	12.0	11.2	11.4

**Table 28. Forage sorghum: Three years of yields<sup>1</sup>, NMSU Agricultural Science Center at Clovis, 1993–1995.**

Company	Hybrid	1993	1994	1995	Average
----- tons/acre -----					
Mycogen	Red Top Kandy	10.6	8.5	2.9	7.3
DeKalb	FS-25E	10.3	7.9	2.7	7
Mycogen	T-E Milkmaker T	9.3	7.8	2.8	6.6

<sup>1</sup> 1995 yields are averages of two replicates; 1993 and 1994 yields are means of four replicates.

**Table 29. Forage sorghum-sudangrass: Three years of dry forage yields<sup>1</sup>, NMSU Agricultural Science Center at Clovis, 1993–1995.**

Company	Hybrid	1993	1994	1995	Average
		----- tons/acre -----			
DeKalb	Sudax SX-15	11.5	9.0	9.2	9.9
Mycogen	T-E Haygrazer	10.4	7.8	8.3	8.8

<sup>1</sup> 1995 yields are averages of two replicates; 1993 and 1994 yields are means of four replicates.



## **Appendix B**

### **List of Sponsors for the New Mexico Corn and Sorghum Performance Test, 1995**

## SPONSORS OF ENTRIES

Entries for the 1995 grain corn performance test were made by the following:

<b>Company</b>	<b>Entries</b>
Asgrow Seed Company Box 1945 I-27 North West Outer Road Plainview, TX 79072 806-293-2647	RX951, RX943W, X891290W, RX897, RX938, X9292, RX795W, 75920W, RS502
Cargill Hybrids Seeds / Vineyard P.O. Box 5645 Minneapolis, MN 55440 612-742-6743	V453W (Vineyard), V448W (Vineyard), 8327, 7997, 7777, 4177, 3797
DeKalb Genetics, Corporation 3100 Sycamore Road DeKalb, IL 60115 815-758-9323	DK703W, EXP566W, DK652, DK657, DK715, DK626, DK412, DK527, DK512
Delta & Pine Land Company P.O. Box 157 Scott, Mississippi 38772 601-742-3351	4581, G-4673B, 4662
Germain's Seed Robert Pylman P.O. Box 12447 Freson, CA 93777-2447 209-233-8823	GC36304, GC36236, GC46938, GC36122, GC33001, GC4242, GC4949
Golden Harvest Seeds, Inc. The J.C. Robinson Seed Company 100 J.C. Robinson Boulevard Waterloo, NE 68069 800-228-9906	H2651W, H-2564, H-2581, H-2641
HyPerformer Seed Company One HY Crop Row Memphis, TN 38120 901-756-1771	HY9796W, HS9502, HS9843, HS9944, HY9509W
ICI Seeds 6945 Vista Drive West Des Moines, IA 50266 800-831-6630	8281, 8285
Mycogen Plant Sciences 624 27th Street Lubbock, TX 79404 806-995-4111	7860W, EXP.4805W, EXP.5825W, 8240, 7885, 7660
Pioneer Hi-Bred International, Inc. 1616 South Kentucky St., Suite C-150 Amarillo, TX 79102 806-356-0160	3525, 3375, 3489, 3861, 3563
Triumph Seed Company, Inc. P.O. Box 1050 Ralls, TX 79357 806-253-2584	1910W, 2010, 1522

Entries for the 1995 forage corn performance test were made by the following:

<b>Company</b>	<b>Entries</b>
Asgrow Seed Company Box 1945 I-27 North West Outer Road Plainview, TX 79072 806-293-2647	RX897, RX938
DeKalb Genetics, Corporation 3100 Sycamore Road DeKalb, IL 60115 815-758-9323	DK743, DK683, DK646, DK683, DK626
Germain's Seed Robert Pylman P.O. Box 12447 Fresno, CA 93777-2447 209-233-8823	GC3114, GC46938
Golden Harvest Seeds, Inc. The J.C. Robinson Seed Company 100 J.C. Robinson Boulevard Waterloo, NE 68069 800-228-9906	H2641, H2573,
HyPerformer Seed Company One HY Crop Row Memphis, TN 38120 901-756-1771	HS9843, HS9773, HS9944
ICI Seeds 6945 Vista Drive West Des Moines, IA 50266 800-831-6630	8315, 8285
Northrup King 6139 37th Lubbock, TX 79407 612-593-7333	NK7989
Mycogen Plant Sciences 624 27th Street Lubbock, TX 79404 806-995-4111	8460
NC+Hybrids Box 4408 Lincoln, NE 68504 402-467-2517	NC+6959
Pioneer Hi-Bred International, Inc. 1616 South Kentucky St., Suite C-150 Amarillo, TX 79102 806-356-0160	3211, 3223, 3173, 3130
Triumph Seed Company, Inc. P.O. Box 1050 Ralls, TX 79357 806-253-2584	2010

Entries for the 1995 grain sorghum performance tests were made by the following:

<b>Company</b>	<b>Entries</b>
Asgrow Seed Company Box 1945 I-27 North West Outer Road Plainview, TX 79072 806-293-2647	A570, A531
Cargill Hybrids Seeds / Vineyard P.O. Box 5645 Minneapolis, MN 55440 612-742-6747	X19225, 837, X19207, 737, X11432
DeKalb Genetics, Corporation Rt. 2 Box 56 Lubbock, TX 79415 806-763-3336	DK-58, DK-56, DK-66, DK-55, DK-54, DK-40y, DK-46, DK-41y, DK-38y, DK-39, DK-51, DK-48
Delta & Pine Land Company P.O. Box 157 Scott, MS 38772 601-742-3351	1506, 1490Y
Golden Harvest Seeds, Inc. The J. C. Robinson Seed Company 100 J.C. Robinson Boulevard Waterloo, NE 68069 800-228-9906	H509, H-403, H-388W
HyPerformer Seed Company One HY Crop Row Memphis, TN 38120 901-756-1771	EX9660, EX9440, AP9850, AP9210
ICI Seeds 6945 Vista Drive West Des Moines, IA 50266 800-831-6630	5319, 5514Y, 5616
Mycogen Plant Sciences 624 27th Street Lubbock, TX 79404 806-995-4111	T-E Hardy, 3838, 466W, 444E, ORO Amigo
NC+Hybrids Box 4408 Lincoln, NE 68504 402-467-2517	NC+7R83
Pioneer Hi-Bred International, Inc. 1616 South Kentucky St., Suite C-150 Amarillo, TX 79102 806-356-0160	8118, 8310, 8446, 8699
Triumph Seed Company, Inc. P.O. Box 1050 Ralls, TX 79357 806-253-2584	TR459, TR481, TR82G

Entries for the 1995 forage sorghum-sudangrass performance tests were made by the following:

<b>Company</b>	<b>Entries</b>
DeKalb Genetics, Corporation Rt. 2, Box 56 Lubbock, TX 79415 806-763-3336	Sudax SX-17, Sudax SX-15
Mycogen Plant Sciences 624 27th Street Lubbock, TX 79404 806-995-4111	T-E Haygrazer II
NC+Hybrids Box 4408 Lincoln, NE 68504 402-467-2517	NC+Sweetleaf

Entries for the 1995 forage sorghum performance tests were made by the following:

<b>Company</b>	<b>Entries</b>
DeKalb Rt. 2, Box 56 Lubbock, TX 79415 806-763-3336	FS-5, FS-25E
Mycogen 624 27th Street Lubbock, TX 79404 806-995-4111	Red Top Kandy, T-E Milkmaker T
NC+Hybrids Box 4408 Lincoln, NE 68504 402-467-2517	NC+965, NC+Nutra-Choice



New Mexico State University is an affirmative action/equal opportunity employer and educator. NMSU and the U.S. Department of Agriculture cooperating.

---

**November 1997**

**Las Cruces, NM  
5C**