

1999 Comparison of Sorghums for Standability, Forage Production, and Grain Yield at Bushland

Entry	Variety	Company	Maturity	Brown- midrib	Male Sterile	Height at Harv. (Feet)	% Lodged ^d		Forage Yield ^{1,2} lbs/Acre Dry Wt.	Grain Yield ^{1,3} lbs/Acre
							Sep-14-99	Oct-20-99		
1	Fame	Agribiotech	M	N/A	N/A	6.5	3 k	10 s-v	8318 t-y	7575 c-r
2	BMR 100	Agribiotech	M	Y	N/A	6.5	60 bcd	82 a-d	11481 j-x	4101 x-A
3	FS-555	Agribiotech	ML	N/A	N/A	7.6	67 abc	75 a-e	14720 b-k	8049 a-n
4	Sug-R-Cane	Agribiotech	M	N/A	Y	6.6	13 ijk	22 o-v	11749 i-w	7648 b-q
5	FS 455	Cargill Hybrid	ML	N	N	6	0 k	13 r-v	14337 b-m	9641 a-d
6	FS 466	Cargill Hybrid	ML	N	N	5.7	47 c-f	53 e-k	17787 abc	10152 ab
7	MorCane II	Crosbyton Seed	ME	N	Y	6.8	23 f-k	25 m-u	13819 c-p	7871 b-o
8	GW9110F	Crosbyton Seed	ML	N	N	9	33 e-j	40 h-q	13115 d-r	5666 l-z
9	Silo-N-Feed	Crosbyton Seed	ML	N	N	7	50 cde	63 c-h	15702 b-j	9813 abc
10	GW8228bmr	Crosbyton Seed	M	Y	N	6.5	17 h-k	18 q-v	12708 e-u	5710 k-z
11	GW9430F	Crosbyton Seed	ME	N	Y	7.1	17 h-k	27 l-u	11864 i-w	6622 g-x
12	Silo-Milo	Garrison & Townsend	M	N	N	5.5	0 k	20 p-v	10369 k-y	9583 a-e
13	BMR-1000	Garrison & Townsend	ML	Y	N	5.3	67 abc	83 a-d	9813 n-y	5174 q-z
14	BMR-101	Garrison & Townsend	ML	Y	N	7	85 ab	87 abc	11788 i-w	5050 r-z
15	Sile-All	Garrison & Townsend	ML	N	N	7.6	37 d-i	45 g-o	16215 b-i	5894 j-z
16	GARST 320	Garst Seed	ME	N	N	5.3	3 k	20 p-v	12248 f-v	8568 a-h
17	GARST 333	Garst Seed	M	N	N	5.7	50 cde	67 b-g	14586 b-l	9319 a-f
18	AgriPro Hi-Energy II	Garst Seed	ML	N	N	7.6	30 e-j	43 g-p	16733 b-f	4460 w-A
19	2-WAY-SRS	Warner Seed	M	N	N	7.5	43 c-g	47 f-n	16684 b-g	5189 q-z
20	2-WAY-F145	Warner Seed	ML	N	N	9	68 abc	70 b-f	13115 d-r	5695 k-z
21	Si-Gro H-1	Golden Harvest	M	N	Y	6.9	17 h-k	23 n-v	13283 d-r	6494 g-y
22	Si-Gro H-45	Golden Harvest	ML	N	N	5.3	30 e-j	37 i-r	11213 j-x	9605 a-e
23	Si-Gro H-46	Golden Harvest	ML	N	N	6	33 e-j	43 g-p	14816 b-k	8323 a-j
24	612F	Hoegemeyer Hybrids	M	N	Y	7.5	17 h-k	35 j-r	11308 j-x	3770 zA
25	591F	Hoegemeyer Hybrids	E	N	N	6.6	0 k	3 uv	13168 d-r	5794 j-z
26	613F	Hoegemeyer Hybrids	M	N	Y	6.2	10 jk	17 q-v	14490 b-l	6519 g-y
27	Forari IV	Kaystar Seed	N/A	N/A	N/A	5.2	83 ab	90 ab	16733 b-f	7202 d-u
28	SilaMax	Kelly Green Seed	M	N	N	7.5	83 ab	90 ab	11845 i-w	6155 h-z
29	DeKalb FS-2	DeKalb	ME	N	N	6	0 k	3 uv	13973 c-p	7570 c-s
30	DeKalb FS-5	DeKalb	M	N	N	7.5	10 jk	13 r-v	12784 d-t	5413 o-z
31	DeKalb FS-22	DeKalb	ML	N	N	6.5	13 ijk	18 q-v	13858 c-p	7352 c-t
32	DeKalb FS-25E	DeKalb	L	N	N	7.7	30 e-j	33 j-s	13858 c-p	5857 j-z
33	DeKalb X488	DeKalb	ME	N	N	6	0 k	7 tuv	11059 k-x	8198 a-l
34	Asgrow XPBMR	Asgrow	M	Y	N	6.8	87 a	87 abc	9775 o-y	4727 u-A
35	Asgrow Beefbuilder T	Asgrow	ML	N	N	8	83 ab	87 abc	13832 c-p	5590 n-z
36	Asgrow Titan R	Asgrow	M	N	N	6.7	87 a	97 a	13781 c-p	7238 d-u
37	Asgrow Titan MS	Asgrow	M	N	Y	6.5	0 k	10 s-v	14298 b-n	5030 s-A
38	4 Evergreen	Walter Moss Seed	PS	N	N	7.5	53 cde	55 e-j	11652 j-w	0 B
39	Millennium BMR	Walter Moss Seed	ML	Y	N	7.6	40 d-h	55 e-j	13168 d-r	3979 yzA
40	Nutri-Choice	NC+ Hybrids	E	N	N	6	3 k	8 tuv	13819 c-p	6811 f-w
41	Nutri-Choice II	NC+ Hybrids	ML	N	N	6.1	0 k	17 q-v	14375 b-m	9009 a-g
42	Nutri-Ton	NC+ Hybrids	ML	N	N	6.5	40 d-h	50 f-l	13608 c-p	6965 f-w
43	930 FX	NC+ Hybrids	M	N	N	4.8	0 k	0 v	9526 p-y	8967 a-g
44	960 FX	NC+ Hybrids	ML	N	N	4.3	0 k	0 v	9909 m-y	8215 a-k

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							Sep-14-99	Oct-20-99		
47	305F	NC+ Hybrids	M	N	Y	7.8	17 h-k	23 n-v	9641 o-y	4960 t-A
48	NK 300	Novartis Seeds	ML	N	N	5.8	3 k	10 s-v	14471 b-l	8493 a-i
49	HIKANE II	Novartis Seeds	ML	N	N	7.2	20 g-k	27 l-u	11500 j-x	4589 v-A
50	KF 429	Novartis Seeds	ML	N	N	7.2	33 e-j	48 f-m	13455 c-q	7064 e-v
51	G 1990	Novartis Seeds	PS	N	N	8.4	37 d-i	38 i-q	13704 c-p	0 B
52	SS 405	Novartis Seeds	L	N	N	9	43 c-g	43 g-p	16886 b-e	3691 zA
53	SS 506	Novartis Seeds	L	N	N	10.3	40 d-h	40 h-q	16579 b-h	2499 AB
54	NK 326	Novartis Seeds	M	N	N	7.2	83 ab	87 abc	14088 c-o	8135 a-m
55	X909-NK	Novartis Seeds	ML	N	Y	7.4	20 g-k	27 l-u	14701 b-k	5235 p-z
56	Pioneer Brand 811F	Pioneer	PS	N	N	10.1	23 f-k	27 l-u	13187 d-r	0 B
57	Pioneer Brand 819F	Pioneer	L	N	N	8.3	13 ijk	13 r-v	12593 e-u	4718 u-A
58	Pioneer Brand 839F	Pioneer	L	N	N	6.2	10 jk	17 q-v	12209 g-v	7606 c-q
59	Pioneer Brand 841F	Pioneer	M	N	N	5.6	3 k	30 k-t	9036 q-y	8813 a-g
60	Pioneer Brand 849F	Pioneer	M	N	N	6.8	10 jk	10 s-v	13148 d-r	5321 p-z
61	Dairy Master BMR	Richardsons Seeds	M	Y	N	8	50 cde	60 d-i	10599 k-y	4986 t-A
62	Pacesetter	Richardsons Seeds	PS	N	N	9.3	17 h-k	20 p-v	17250 a-d	0 B
63	Silo 600D	Richardsons Seeds	M	N	N	6.3	0 k	13 r-v	10178 l-y	9034 a-g
64	Silo Master D	Richardsons Seeds	L	N	N	8.5	43 c-g	57 e-j	21543 a	6805 f-w
65	Super Silo 20	Triumph Seeds	ML	N	N	8	20 g-k	30 k-t	12976 d-s	4828 t-A
66	Check 1 (PP333)	TAES	ME	N	N	4	0 k	0 v	7092 xy	8118 a-n
67	Check 2 (W-818E)	TAES	ML	N	N	4.3	0 k	0 v	7456 wxy	6983 f-w
68	Check 3 (HY2660)	TAES	M	N	N	4	0 k	0 v	7954 v-y	7945 a-o
69	Check 4 (NC+7R83)	TAES	M	N	N	4.4	0 k	0 v	6344 y	7866 b-o
70	Check 5 (84G62)	TAES	ML	N	N	4	0 k	0 v	8261 u-y	7740 b-p
71	Check 6 (DK-54)	TAES	ML	N	N	4.2	0 k	0 v	8798 r-y	9173 a-f
72	Check 7 (M 3776)	TAES	L	N	N	4.1	0 k	0 v	8433 t-y	10424 a
73	Canex	Sharp Bros. Seed	E	N	Y	6.3	0 k	10 s-v	18707 ab	6166 h-z
74	Canex II	Sharp Bros. Seed	E	N	Y	6.7	0 k	10 s-v	13585 c-p	5985 i-z
75	Canex 50/50	Sharp Bros. Seed	E	N	Y (1/2)	6.3	13 ijk	17 q-v	16177 b-i	7079 e-v
76	Brown Mid Rib X	Sharp Bros. Seed	E	Y	Y	5.9	10 jk	17 q-v	14364 b-m	5996 i-z
LSD (P=.05)							25.3	23.6	4501.1	2542.9
Standard Deviation							15.6	14.6	2784.2	1572.9
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001

¹ Means in each column followed by the same letter do not differ (P=0.05, LSD).

² Forage yields are reported as dry weight.

³ Grain yields are reported at 14% moisture.

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