

2016 Garden City, Kansas Hay Performance Test, Finney County

BRAND	NAME	PERFORMANCE							FORAGE QUALITY												
		1st Cutting	2nd Cutting	Total Yield	1st Cutting	2nd Cutting	1st Height	2nd Height	ADF	NDF	IVTDMD@48hr	Lignin	NDFD@48hr	NDFn	NEG	NEL	NEM	NFC	Crude Protein	RFQ	TDN
		(lb DM/a)			(% moisture)		(in)							(%)							
Forage Sorghum																					
Chromatin	CHR12FS0012	5213	2843	8055	0.86	0.86	84	61	43.94	66.17	66.87	9.10	47.17	61.54	0.16	0.47	0.49	16.14	9.34	74.28	47.30
Chromatin	HiKane II	10263	3312	13574	0.85	0.85	92	63	43.48	64.99	65.80	9.33	47.83	60.44	0.17	0.48	0.50	17.31	8.49	75.05	47.64
KSU	Sumac	7862	2894	10757	0.86	0.86	86	54	41.72	63.81	67.93	8.60	50.53	59.34	0.20	0.50	0.53	19.36	8.31	82.72	50.00
KSU	Waconia	8671	1617	10288	0.87	0.87	86	55	41.98	64.98	67.70	8.82	51.30	60.43	0.19	0.50	0.52	16.95	9.05	82.59	49.39
Monsanto	Nutri-Cane II	7504	2140	9644	0.88	0.88	92	54	42.17	64.26	67.87	9.17	51.00	59.77	0.18	0.49	0.51	16.56	9.15	80.54	48.70
Monsanto	Sweetleaf II	12504	4830	17334	0.78	0.78	102	90	45.45	69.12	63.37	10.15	44.17	64.28	0.15	0.46	0.48	15.41	8.66	68.93	46.38
Sharp Bros Seed	Canex	8784	3976	12759	0.85	0.85	84	68	41.04	63.06	68.33	9.10	49.30	58.65	0.21	0.51	0.54	20.47	8.67	86.64	50.73
Sharp Bros Seed	Canex BMR 600	7158	2303	9462	0.88	0.88	102	58	42.39	65.21	70.90	8.77	53.50	60.65	0.19	0.49	0.52	15.52	9.13	81.21	49.09
Star Seed	Drylander BMR	5791	962	6753	0.90	0.90	97	56	44.46	66.91	72.80	8.74	55.90	62.23	0.18	0.48	0.51	13.29	8.67	75.46	48.36
Millet																					
Chromatin	Millex 32	7253	0	7253	0.83	0.83	102	0	45.06	67.56	64.95	9.96	45.25	62.83	0.15	0.46	0.48	14.66	9.51	69.68	46.09
Chromatin	Millex BMR	4949	266	5215	0.86	0.86	70	15	39.69	63.20	74.55	8.41	56.30	58.77	0.22	0.52	0.54	13.86	12.31	92.89	51.22
Sorghum Sudan																					
Advanta Seeds	AS6401	7949	3055	11004	0.87	0.87	104	71	42.33	63.45	71.93	8.93	53.50	59.01	0.18	0.49	0.51	14.44	11.12	81.72	48.77
Advanta Seeds	AS6402	6956	3023	9979	0.85	0.85	85	54	41.91	62.87	73.23	8.15	56.33	58.47	0.19	0.50	0.52	13.41	11.83	84.36	49.57
Chromatin	Sordan Headless	7779	3836	11614	0.88	0.88	106	76	44.75	65.34	68.20	9.56	50.15	60.77	0.15	0.46	0.48	14.04	9.44	70.57	46.17
Chromatin	SP4105	7143	1912	9056	0.88	0.88	82	53	44.26	64.03	73.57	8.05	59.03	59.55	0.18	0.49	0.51	12.93	9.48	77.36	48.61
Chromatin	SP455	8734	2941	11675	0.85	0.85	99	73	42.37	63.56	68.60	8.62	51.23	59.11	0.19	0.49	0.51	16.39	9.87	81.61	48.96
Chromatin	SP6205	6582	1830	8412	0.85	0.85	88	55	42.28	63.82	71.23	8.46	54.03	59.36	0.18	0.48	0.51	13.74	10.89	80.85	48.48
Cropland	Greentreat 1731	6105	1985	8090	0.85	0.85	85	52	42.83	64.86	70.03	8.68	53.53	60.32	0.18	0.49	0.51	14.04	10.28	80.01	48.55
Cropland	Greentreat 1922	5146	2724	7870	0.90	0.90	84	58	42.35	61.93	74.23	8.09	57.67	57.60	0.18	0.49	0.51	12.53	11.92	81.14	48.76
Monsanto	BMR455	10039	3227	13266	0.83	0.83	100	75	40.80	63.48	71.13	8.90	52.17	59.04	0.21	0.51	0.54	18.18	9.42	88.73	50.84
Sharp Bros Seed	Grazex BMR 301	11353	3665	15018	0.83	0.83	110	81	44.24	67.86	65.00	10.06	47.05	63.11	0.16	0.46	0.48	15.16	8.23	71.11	46.67
Sharp Bros Seed	Grazex BMR 801	9908	3423	13331	0.83	0.83	104	75	44.22	66.81	66.33	9.63	46.90	62.14	0.16	0.47	0.49	15.70	8.80	72.52	46.89
Star Seed	Bruiser BMR	7009	1721	8730	0.86	0.86	90	55	41.41	64.69	72.97	7.82	57.00	60.16	0.22	0.52	0.55	16.06	9.47	89.92	51.50
Star Seed	Nutrimax BMR	6592	2347	8939	0.87	0.87	98	57	42.24	63.81	72.30	8.63	54.53	59.35	0.19	0.49	0.52	15.94	9.05	82.08	49.38
Star Seed	SSX1	6542	1795	8337	0.88	0.88	96	59	43.60	64.71	71.90	9.07	53.63	60.18	0.17	0.48	0.50	13.93	9.56	76.16	47.69
Sudax	111 BMR	7417	2150	9567	0.81	0.86	98	67	43.25	64.32	72.40	7.95	57.80	59.81	0.19	0.50	0.52	13.68	9.96	79.94	49.49
Sudax	121 BMR	6025	3428	9453	0.90	0.90	87	60	43.18	63.50	73.50	8.31	58.65	59.05	0.19	0.50	0.52	14.29	9.29	80.93	49.48
Walter Moss Seed	Mega green	8567	2792	11359	0.88	0.88	104	73	45.13	66.61	68.30	9.34	49.97	61.95	0.15	0.46	0.48	13.72	9.35	69.82	46.33
Ward Seed	Nutri King BMR	9880	2877	12757	0.85	0.85	94	71	43.04	64.40	69.30	8.90	52.60	59.89	0.19	0.49	0.51	16.14	9.21	80.22	49.01
Ward Seed	Super Sugar	8723	3689	12413	0.83	0.83	100	76	42.29	64.57	67.63	8.78	48.37	60.05	0.19	0.49	0.51	17.42	9.47	80.96	48.91
Ward Seed	Super Sugar DM	10784	3066	13850	0.85	0.85	110	76	44.76	66.87	66.37	9.73	47.27	62.19	0.15	0.46	0.48	15.14	8.81	70.52	46.44
Ward Seed	Sweet Forever BMR	8370	2645	11015	0.88	0.88	106	78	44.21	65.89	70.30	9.56	52.03	61.28	0.16	0.47	0.49	14.07	9.29	73.89	47.30
Ward Seed	Sweet Six BMR	9035	2839	11874	0.83	0.83	102	74	43.15	64.75	67.93	9.26	50.70	60.22	0.19	0.49	0.51	16.83	9.14	79.71	48.92
Sudan																					
Cropland	Greentreat Rocket	7048	2749	9798	0.89	0.89	80	55	41.97	61.35	74.30	8.19	57.30	57.05	0.19	0.49	0.51	13.40	11.83	82.51	49.03
	Average	7931	2614	10544	0.86	0.86	94.39	61.70	41.97	64.79	69.76	8.91	52.17	60.25	0.18	0.49	0.51	15.32	9.62	79.02	48.55
	LSD (0.05)	1954	1416	2269					1.68	2.02	2.68	0.68	3.19	1.88	0.03	0.02	0.03	2.02	1.40	7.49	2.04

Plant date: 6/3/2016

Days to harvest: 62 49