2016 Hays, Kansas Forage Hay Performance Test, Ellis County

		PERFORMANCE							FORAGE QUALITY												
BRAND	**NAME**	**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																					
Arrow Seed	Arrow EXP2	8076	1007	9083	0.75	0.49	80	27	41.54	62.44	75.57	7.18	57.87	58.07	0.22	0.52	0.55	16.83	9.68	91.16	51.88
KSU	Sumac	7375	1323	8697	0.75	0.60	64	21	36.32	56.87	76.87	6.14	59.53	52.89	0.29	0.58	0.62	23.16	10.80	117.15	57.05
KSU	Waconia	7628	1507	9135	0.75	0.49	71	31	36.69	59.05	75.03	6.33	58.57	54.91	0.28	0.57	0.61	21.57	10.77	113.42	56.26
Sharp Bros Seed	Canex	9347	985	10332	0.72	0.62	65	28	34.47	54.40	78.10	6.50	59.27	50.59	0.32	0.60	0.64	27.02	10.32	125.12	58.91
Sharp Bros Seed	Canex BMR 210	8869	584	9453	0.75	0.50	79	24	37.02	59.50	77.97	6.19	61.67	55.34	0.30	0.58	0.62	22.22	9.81	116.21	57.41
Sharp Bros Seed	Canex BMR 600	6087	1089	7176	0.78	0.52	82	25	38.13	61.01	76.63	6.48	59.50	56.74	0.26	0.55	0.59	18.36	10.75	105.73	54.57
Star Seed	Drylander BMR	7100	701	7802	0.78	0.60	90	33	38.65	61.34	77.73	6.31	60.10	57.05	0.26	0.55	0.59	18.71	10.12	105.01	54.74
Sorghum Sudan																					
Advanta Seeds	AS6401	8246	1699	9944	0.74	0.62	83	27	38.44	58.86	78.03	6.22	62.37	54.74	0.27	0.56	0.60	19.02	11.35	108.80	55.58
Advanta Seeds	AS6402	8188	1767	9955	0.73	0.57	76	32	39.27	59.90	76.43	6.37	60.80	55.71	0.26	0.56	0.59	18.28	11.23	105.64	54.85
Arrow Seed	1st Choice BMR	8630	1201	9831	0.73	0.56	73	27	36.94	58.61	78.10	6.00	62.90	54.50	0.29	0.58	0.62	20.26	10.97	116.05	56.88
Arrow Seed	Arrow EXP1	6556	973	7529	0.79	0.58	85	24	40.16	60.54	76.30	6.84	57.57	56.30	0.23	0.52	0.55	16.97	10.86	93.74	51.92
Arrow Seed	Honey Graze V	5741	1477	7217	0.76	0.65	86	33	39.91	60.77	73.97	7.04	56.60	56.52	0.24	0.53	0.56	17.77	10.78	97.08	52.68
Cropland	Greentreat 1922	6617	1556	8173	0.77	0.51	83	23	42.16	62.35	75.53	6.82	59.03	57.99	0.21	0.51	0.54	14.06	10.92	87.94	50.96
Sharp Bros Seed	Grazex BMR 301	7960	1045	9005	0.71	0.62	77	27	37.69	59.78	74.77	6.41	58.07	55.60	0.26	0.55	0.59	18.94	11.27	106.66	54.78
Sharp Bros Seed	Grazex BMR 801	9533	1710	11243	0.72	0.57	86	30	38.44	60.24	74.52	6.52	57.52	56.03	0.26	0.55	0.59	19.03	10.81	104.95	54.51
Star Seed	Bruiser BMR	9945	865	10811	0.72	0.57	82	25	35.91	58.12	77.83	6.21	61.70	54.05	0.29	0.58	0.62	20.70	11.25	117.73	56.92
Star Seed	Nutrimax BMR	6861	923	7783	0.78	0.59	85	21	41.19	63.15	76.03	7.08	58.13	58.73	0.23	0.53	0.56	18.20	8.65	92.12	52.64
Star Seed	SSX1	6733	832	7565	0.78	0.62	82	28	41.40	63.06	76.17	6.99	57.63	58.65	0.23	0.52	0.55	16.92	9.61	91.80	52.04
Ward Seed	Nutri King BMR	9365	2290	11654	0.73	0.60	71	29	38.84	59.80	74.33	6.78	57.83	55.62	0.25	0.55	0.58	19.74	10.21	102.08	54.04
Ward Seed	Super Sugar	8784	1935	10719	0.69	0.59	68	33	37.04	59.19	73.93	6.61	55.93	55.04	0.26	0.55	0.59	19.49	11.88	108.82	54.80
Ward Seed	Super Sugar DM	7690	1673	9363	0.74	0.59	80	31	38.95	61.14	73.27	6.99	55.43	56.86	0.26	0.55	0.58	20.23	10.21	102.33	54.20
Ward Seed	Sweet Forever BMR	7251	1118	8369	0.76	0.59	92	27	40.25	60.75	75.60	7.26	55.60	56.50	0.24	0.54	0.57	18.67	10.91	97.68	53.05
Ward Seed	Sweet Six BMR	9367	2501	11868	0.71	0.60	90	34	38.06	59.85	74.70	6.38	58.93	55.66	0.26	0.55	0.59	18.40	11.54	106.01	54.68
Sudan																					
Cropland	Greentreat Rocket	6689	1436	8125	0.78	0.62	86	30	38.20	57.33	76.23	6.39	60.13	53.32	0.25	0.54	0.58	17.25	12.33	102.78	53.65
	Average	7860	1342	9201	0.75	0.58	79.88	27.90	38.57	59.92	75.99	6.59	58.86	55.73	0.26	0.55	0.59	19.24	10.71	104.83	54.54
	LSD (0.05)	2187	768	2370					2.72	3.23	2.43	0.84	3.60	3.00	0.03	0.03	0.03	2.87	1.97	12.54	2.57

Plant date: 6/6/2016

Days to harvest:	73	60