

# 2015 COMPARISON

**ROCKY FORD, COLORADO** Irrigated



Brand	Hybrid	Forage Yield Tons/A	Yield %	Stem Sugar %	Harvest Density plants/ac (1000 x)	Plant Height In	Lodging %	Forage Type	Traits	RFQ							Net Energy		
											CP	ADF	NDF	NDFD	IVTDMD	TDN	Main.	Gain	Lact.
											%						MCal/lb		
Alta Seeds	AF7301	25.4	80	13.5	76.2	109	0	FS	BMR-6, MS	150	8.8	27.5	48.2	62	78.6	71.2	0.76	0.48	0.74
Gayland Ward	GW-400 BMR	32.9	103	13.5	81.7	108	0	FS	BMR-6, MS	144	7.4	25.7	43.9	54	76.3	73.3	0.79	0.51	0.76
Gayland Ward	GW-2120	33.3	105	6.5	98.0	103	0	FS	MS	140	7.2	22.8	38.1	46	74.6	76.6	0.84	0.55	0.80
Alta Seeds	AF7201	32.4	102	12.5	70.2	109	3	FS	BMR-6, DS	140	7.8	25.3	44.5	50	75.3	73.7	0.79	0.51	0.77
Gayland Ward	Nutra King BMR 6	32.5	102	12.0	110.5	113	15	SS	BMR-6	139	7.5	23.8	40.5	42	72.1	75.5	0.82	0.54	0.79
Gayland Ward	Super Sugar	40.9	128	14.0	154.1	110	0	SS	—	137	8.2	26.7	44.2	43	70.8	72.2	0.77	0.49	0.75
Alta Seeds	AF7101	35.7	112	12.0	71.9	107	1	FS	BMR-6, DS	136	7.9	25.9	46.4	49	73.8	73.0	0.78	0.50	0.76
Gayland Ward	Silo Pro BMR	24.7	78	10.5	77.3	73	0	FS	BMR-6	136	9.6	30.0	55.7	60	75.0	68.3	0.72	0.45	0.71
Alta Seeds	AF7202	23.8	75	11.5	83.9	79	0	FS	BMR-6, BD	133	7.2	23.5	40.5	48	75.8	75.8	0.82	0.54	0.79
Gayland Ward	GW-600 BMR	35.0	110	13.0	79.5	111	3	FS	BMR-6	131	7.5	31.6	54.0	57	74.3	66.5	0.69	0.42	0.69

Sorted by RFQ

Continued on next page

**LSD = Least Significant Difference**

**Forage Type:** FS=forage sorghum; S=sudangrass; SS=sorghum sudangrass.

**Traits:** BD=brachytic dwarf; BMR=brown mid-rib; BMR-6=one of the three main brown mid-rib genes; DS=dry stalk; MS=male sterile.

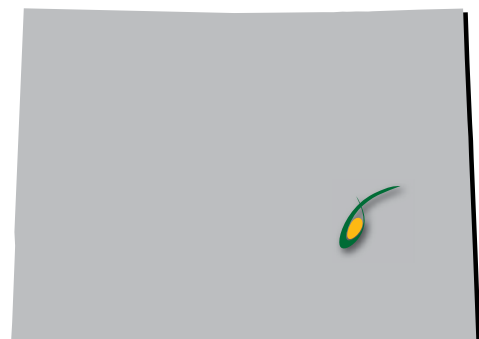
**Cooperator:** Arkansas Valley Research Center

**Planting Date:** June 1, 2015

**Harvest Date:** September 10, 2015

**Previous Crop:** Onion

**Soil Type:** Rocky Ford silty clay loam



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											CP	ADF	NDF	NDFD	IVTDMD	TDN	Main.	Gain	Lact.
											%						MCal/lb		
Sorghum Partners	SPX37114	12.7	40	4.0	76.8	55	0	FS	—	130	9.8	28.8	51.5	53	75.5	69.8	0.74	0.46	0.72
Alta Seeds	AS9302	19.9	63	13.0	108.4	90	0	S	BMR-6, BD, DS	128	6.7	21.4	40.8	46	75.7	78.2	0.86	0.57	0.82
Pawnee Buttes	PB EXP 5143	29.9	94	13.0	78.4	88	0	FS	—	127	7.4	25.2	43.2	46	73.6	73.8	0.80	0.52	0.77
Pawnee Buttes	PB Arapahoe	22.7	71	12.5	65.9	106	4	SS	BMR	126	7.7	29.3	49.5	45	70.8	69.1	0.73	0.46	0.72
Alta Seeds	AF7401	19.4	61	4.5	84.4	71	0	FS	BMR-6, BD	124	8.9	32.2	55.4	55	73.2	65.8	0.68	0.41	0.68
Alta Seeds	AF7102	22.4	70	5.0	74.1	82	0	FS	BMR-6, BD	123	6.7	25.6	42.8	45	74.1	73.3	0.79	0.51	0.76
Alta Seeds	AS6402	19.6	62	14.5	99.6	78	0	SS	BMR-6, BD	122	10.3	37.0	63.3	59	72.5	60.3	0.60	0.34	0.62
Sorghum Partners	NK300	30.9	97	12.0	80.6	80	0	FS	—	121	7.5	27.4	47.6	44	70.8	71.3	0.76	0.48	0.74
Alta Seeds	AS5201	35.6	112	13.5	131.8	116	3	SS	—	120	6.8	28.8	48.7	41	67.5	69.7	0.74	0.46	0.72
Gayland Ward	Sweet Six BMR (dry stalk)	37.1	117	13.5	124.7	122	1	SS	BMR, DS	119	6.9	30.0	50.9	42	67.9	68.3	0.72	0.45	0.71
Pawnee Buttes	PB Arikaree	37.8	119	14.0	112.7	113	0	SS	—	114	7.1	36.9	60.2	52	68.5	60.5	0.60	0.34	0.62
Gayland Ward	Sweet Forever BMR	35.2	110	8.5	111.6	118	0	SS	BMR, BD	108	5.7	37.6	65.6	56	70.0	59.7	0.59	0.33	0.61
Sorghum Partners	SP3903 BD	19.6	62	4.5	77.9	74	0	FS	BMR, BD	107	9.3	35.7	63.9	54	69.7	61.8	0.62	0.36	0.63
Sorghum Partners	SS405	46.7	147	7.5	73.0	119	0	FS	—	97	6.4	38.2	64.4	44	62.9	59.0	0.58	0.32	0.60
Gayland Ward	Super Sugar (delayed mat.)	37.5	118	12.0	116.5	115	0	SS	—	94	7.2	40.6	65.5	46	63.6	56.3	0.54	0.28	0.57
Sorghum Partners	SPX28414	50.0	157	12.5	73.0	125	0	FS	—	92	5.9	41.7	71.6	47	62.0	55.1	0.52	0.27	0.56
Walter Moss	4EVER GREEN	43.1	135	6.0	100.7	116	0	FS	—	84	7.3	41.0	71.0	46	62.2	55.8	0.53	0.28	0.57
Sorghum Partners	SP1615	41.7	131	12.0	75.1	113	0	FS	—	74	6.3	43.2	73.2	42	59.4	53.3	0.49	0.24	0.54
Walter Moss	MEGA GREEN	44.6	140	12.5	107.8	122	0	SS	—	67	6.0	46.0	74.2	40	58.1	50.1	0.44	0.19	0.50
Average		31.8		10.8	92.3	101	1												
LSD		5.0																	