

2009 ANNUAL WARM SEASON FORAGE TRIAL

WILLISTON RESEARCH EXTENSION CENTER

Variety/Crop	Heading Date fr plntg	Plant Height inches	Forage Moist. %	2007 2009		2 yr* avg	----- Forage Quality -----				
				DM Yield	DM Yield		Crude Protein	ADF	NDF	TDN	RFV
Manta Foxtail Millet	67.3	26.7	70.0	2.5	1.9	2.2	7.2	32.6	59.4	63.5	99.5
Golden German Millet	NH <sup>1</sup>	25.7	72.9	2.1	1.7	1.9	7.9	32.6	58.0	63.5	101.8
Red Proso Millet	54.3	33.5	75.9	--	1.5	--	10.6	29.0	53.9	66.3	114.5
Teff	NH <sup>1</sup>	18.0	69.8	--	0.4	--	13.5	26.2	48.4	68.5	132.1
BMR Sweething Sorghum Sudan	NH <sup>1</sup>	35.3	77.5	--	1.2	--	11.1	31.5	55.2	64.3	108.4
Sweething Sorghum Sudan	NH <sup>1</sup>	42.0	75.7	--	1.7	--	9.5	32.1	55.8	63.9	106.7
Morton	46.0	30.2	66.4	--	2.1	--	10.6	33.9	55.8	62.5	104.2
Morton + Piper Sudan	45.0	32.6	67.8	--	2.0	--	10.4	33.0	54.7	63.2	107.7
MEAN	26.6	30.5	72.0	1.9	1.6	--	10.1	31.4	55.1	64.5	109.3
C.V. %	1.7	5.7	1.9	10.4	10.6	--	9.6	2.4	2.4	0.9	3.6
LSD 5%	0.8	3.0	2.4	0.3	0.3	--	1.7	1.3	2.3	1.0	7.0

\* - 2007 & 2009

<sup>1</sup> Not Headed

Variety/Crop	Harvest	
	Date	Growth Stage and comments
Manta Foxtail Millet	8/10/2009	10% Headed
Golden German Millet	8/10/2009	Late Boot
Red Proso Millet	8/10/2009	Hard Dough
Teff	7/31/2009	Vegetative; Jointing
BMR Sweething Sorghum Sudan	7/31/2009	Early Boot
Sweething Sorghum Sudan	7/31/2009	Early Boot
Morton	7/31/2009	Milk
Morton + Piper	7/31/2009	Milk + Boot

Planting Date: May 26, 2009