

**North Central Research Extension Center—Minot  
Forage Variety Trial—Warm Season**

Variety	Plant	Hrvst	Qlty	Qlty	Protein	Crude	AD-					
	Height	Moist	DM	Moist	Sol.	Protein	ADF	NDF	ICP	Ca	P	Mg
	in	%	%	%	%	%	%	%	%	%	%	%
Fenugreek	15	76.4	92.8	7.2	36.9	15.8	32.3	42.2	1.6	1.7	0.3	0.5
Golden German	29	76.0	95.2	4.8	40.0	14.7	33.7	54.0	1.0	0.6	0.4	0.4
Grazex II	58	78.4	92.9	7.1	35.8	12.1	37.0	58.4	1.0	0.5	0.3	0.3
Haybet	24	74.2	94.0	6.0	29.9	11.1	32.2	56.4	0.6	0.4	0.2	0.2
Japanese Millet	33	68.4	90.3	9.7	38.0	14.4	36.6	58.4	1.3	0.5	0.3	0.3
Manta	33	70.0	95.0	5.0	35.1	10.4	37.4	62.7	0.5	0.2	0.3	0.3
Nutri-BMR	51	79.4	91.3	8.7	36.9	14.8	35.9	54.6	1.5	0.7	0.3	0.3
Paul	27	66.8	93.8	6.2	30.5	11.5	36.0	56.9	0.9	0.4	0.3	0.2
Pearl Millet	31	78.2	92.2	7.8	39.6	16.1	32.7	50.2	1.0	0.9	0.4	0.5
Piper	65	73.9	91.7	8.3	27.0	9.5	40.6	63.7	0.9	0.4	0.2	0.3
Red Proso	36	71.7	93.4	6.6	36.3	10.7	34.5	56.2	0.9	0.6	0.2	0.3
LSD 5%	5	--	--	--	--	--	--	--	--	--	--	--
C.V.%	9.1	--	--	--	--	--	--	--	--	--	--	--
Mean	36	74.0	93.0	7.0	35.1	12.8	35.4	55.8	1.0	0.6	0.3	0.3

...Continued below

**North Central Research Extension Center—Minot  
Forage Variety Trial—Warm Season (continued)**

Variety	K	S	TDN		NFC	NEL	NEG	NEM	Yield				
			ADF	ADJ					2006		2006		
			%	%					T/A	0%	T/A	15%	
Fenugreek	2.3	0.3	63.7	15.7	33.1	65.6	38.5	65.1	63.7	2.8	140.3	1.3	1.5
Golden German	3.6	0.4	62.6	14.7	22.2	64.4	37.1	63.5	62.6	2.2	107.8	2.4	2.7
Grazex II	2.3	0.3	60.1	12.1	19.9	61.5	33.6	59.7	60.1	2.1	96.0	2.5	3.0
Haybet	2.1	0.2	63.8	11.1	22.8	65.7	38.7	65.2	63.8	2.1	105.4	1.6	1.9
Japanese Millet	2.8	0.3	60.4	14.4	18.0	61.9	34.1	60.1	60.4	2.1	96.0	3.3	3.9
Manta	2.8	0.2	59.8	10.4	17.1	61.2	33.1	59.1	59.8	1.9	88.5	2.8	3.3
Nutri-BMR	2.5	0.3	60.9	14.8	21.5	62.5	34.8	60.9	60.9	2.2	103.9	2.4	2.8
Paul	2.1	0.2	60.9	11.5	22.0	62.4	34.7	60.8	60.9	2.1	99.6	1.8	2.1
Pearl Millet	3.4	0.4	63.4	16.1	24.8	65.3	38.2	64.7	63.4	2.4	117.5	1.6	1.9
Piper	2.0	0.2	57.3	9.5	16.8	58.4	29.7	55.3	57.3	1.9	83.5	2.6	3.1
Red Proso	1.6	0.2	62.1	10.7	23.3	63.7	36.3	62.6	62.1	2.1	102.5	2.3	2.7
LSD 5%	--	--	--	--	--	--	--	--	--	--	--	0.5	0.5
C.V.%	--	--	--	--	--	--	--	--	--	--	--	14.0	14.1
Mean	2.5	0.3	61.4	12.8	21.9	63.0	35.3	61.5	61.4	2.2	103.7	2.2	2.6

ADF=Acid-Detergent Fiber, NDF=Neutral Detergent Fiber, TDN=Total Digestible Nutrients, ADJ=Adjusted, CP=Crude Protein, NFC=Non Fiber Carbohydrates, NEL = Net Energy Lactation, NEG =Net Energy Gain, NEM = Net Energy Maintenance, DDM = Digestible Dry Matter, RFV=Relative Feed Value  
Nutrients: Ca=calcium, P=phosphorus, Mg=magnesium, K=potassium, S=sulfur  
Yield is reported on a 0% and 15% moisture basis