

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

Variety	Days to Head	Plant Height	ADF	NDF	AD- ICP	Ca	P	Mg	K	S	Protein Sol.	Crude Protein	Hrvst Moist	Hay	
														2004 T/A	2005 T/A
	DAP	in	%	%	%	%	%	%	%	%	%	%	%	10%	10%
<b>Pearl</b>															
MIL HY 300	73	55	33.4	53.5	1.0	0.5	0.3	0.4	2.2	0.3	38.3	11.7	21.7	--	6.0
<b>Red Proso</b>															
Cerise	73	45	37.0	52.2	1.1	0.4	0.2	0.3	2.0	0.2	9.6	7.1	78.9	2.2	1.0
<b>Sorgham/Sudan</b>															
Highland Sunset	74	71	32.0	52.4	1.1	0.4	0.2	0.3	1.6	0.2	21.1	9.0	31.7	--	7.2
<b>Sudangrass</b>															
Piper Sudangrass	73	69	36.5	60.7	0.9	0.5	0.2	0.3	1.2	0.2	20.9	7.9	27.0	4.7	3.6
<b>Sorgham</b>															
Nutra Plus (BMR)	--	67	34.0	53.6	2.0	0.6	0.2	0.3	1.9	0.2	12.9	8.0	11.5	--	4.4
LSD 5%	NS	5	--	--	--	--	--	--	--	--	--	--	--	1.1	1.4
C.V.%	5.8	5.0	--	--	--	--	--	--	--	--	--	--	--	15.3	23.5
Mean	73	61	34.6	54.5	1.2	0.5	0.2	0.3	1.8	0.2	20.6	8.7	34.2	4.6	4.4

DAP=Days after planting

ADF=acid-detergent fiber

NDF=neutral-detergent fiber

AD-ICP=bound protein

Nutrients: Ca=calcium, P=phosphorus, Mg=magnesium, K=potassium, S=sulfur

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

Variety	Days to Head	Plant Height	ADF	NDF	AD- ICP	Ca	P	Mg	K	S	Protein Sol.	Crude Protein	Hrvst Moist	Hay	
														2004 T/A	2005 T/A
	DAP	in	%	%	%	%	%	%	%	%	%	%	%	10%	10%
Jerry	49	39	32.5	49.4	1.2	0.4	0.3	0.2	0.9	0.2	13.2	9.9	64.9	3.9	4.1
Forage Plus	56	39	35.1	54.7	1.1	0.3	0.3	0.2	2.1	0.2	25.1	12.4	74.4	3.5	5.0
Hays	62	29	30.6	48.1	1.1	0.4	0.3	0.2	2.0	0.2	28.4	12.2	64.3	3.1	4.8
Haybet	60	31	27.8	45.3	0.9	0.3	0.3	0.2	1.6	0.2	29.7	11.8	66.9	3.5	4.0
Rawson	49	32	--	--	--	--	--	--	--	--	--	--	62.9	--	5.0
LSD 5%	2	1	--	--	--	--	--	--	--	--	--	--	2.6	NS	0.7
C.V.%	2.4	2.4	--	--	--	--	--	--	--	--	--	--	2.58	23.2	11.28
Mean	57	34	30.5	48.5	1.0	0.5	0.3	0.2	1.8	0.2	26.85	12.89	68.59	3.4	4.2

DAP=Days after planting

ADF=acid-detergent fiber

NDF=neutral-detergent fiber

AD-ICP=bound protein

Nutrients: Ca=calcium, P=phosphorus, Mg=magnesium, K=potassium, S=sulfur