

**NDSU Carrington Research Extension Center
2008 Variety Trial Data**

Warm-Season Forages

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Harvest 1

Treatment	Height inch	Height inch	Plant Lodge 0-9	Harvest Moisture %	Yield				CP	ADF	NDF	Ca	Phos % DM	Mag	Pot	Sulfer	TDN	RFV
					15%M ton/ac	DM ton/ac	15%M ton/ac	DM ton/ac										
2700	32.9	.	0.0	76.3	1.83	1.55	1.83	1.55	13.2	33.2	57.5	0.45	0.33	0.16	3.06	0.19	63.02	102
Everleaf	37.0	.	0.0	76.1	2.93	2.50	2.93	2.50	10.3	38.3	60.3	0.53	0.31	0.14	3.08	0.18	59.09	91
Golden German	38.9	.	0.0	66.9	3.35	2.85	3.35	2.85	7.1	40.0	63.2	0.39	0.27	0.19	3.16	0.18	57.71	85
Haybet	26.2	.	0.0	71.7	2.45	2.10	2.45	2.10	11.4	32.1	56.1	0.47	0.31	0.16	2.45	0.19	63.91	106
Hog Pasture Mix	32.9	.	0.0	78.3	1.50	1.30	2.80	2.40	13.7	33.7	52.3	0.72	0.32	0.19	2.83	0.22	62.62	111
Japanese Millet	39.0	.	0.0	77.3	1.80	1.53	2.60	2.23	9.3	38.2	60.8	0.60	0.31	0.25	2.81	0.21	59.17	91
Manta	36.0	.	0.0	72.2	2.30	1.98	2.30	1.98	8.9	37.3	60.3	0.40	0.32	0.19	3.05	0.17	59.80	92
Paul	32.5	.	0.0	77.6	2.08	1.78	2.90	2.45	12.9	35.2	55.1	0.63	0.31	0.16	2.96	0.21	61.51	104
Paul/Arvika	26.4	38.2	0.0	80.8	2.00	1.70	2.48	2.13	17.6	29.4	43.0	1.11	0.34	0.24	3.00	0.33	66.02	143
Paul/Piper	31.9	39.0	0.0	76.6	1.45	1.25	2.88	2.43	12.1	35.9	57.6	0.60	0.31	0.18	2.77	0.19	60.89	99
Piper	49.4	.	0.0	78.8	1.63	1.40	2.78	2.38	10.7	36.8	59.3	0.55	0.30	0.22	2.59	0.17	60.20	94
Red Proso	30.9	.	0.0	79.2	1.85	1.63	1.85	1.63	10.6	31.2	52.7	0.63	0.31	0.29	2.59	0.19	64.61	114
Mean	34.5	38.6	0.0	76.0	2.10	1.80	2.60	2.22	11.5	35.1	56.5	0.59	0.31	0.20	2.86	0.20	61.5	103
C.V.%	5.6	12.5	0.0	2.3	14.3	14.3	16.3	16.3	8.6	2.1	1.9	12.3	5.4	8.0	5.2	6.7	0.9	2.7
LSD.05	2.80	NS	0.0	2.50	0.43	0.43	0.61	0.52	1.7	1.3	1.8	0.12	0.28	0.27	0.25	0.02	1.00	5

Planting Date = June 5; Harvest Date 1 = July 30-August 26; Harvest Date 2 = October 3; Previous Crop = Spring Wheat

Fall soil test indicates 15 lb N/ac with no additional N used

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Harvest 2

Treatment	Height inch	Height inch	Harvest Moisture 0-9	Yield 15%M ton/ac	Yield DM ton/ac
Hog Pasture Mix	27.0	12.8	66.1	1.29	1.09
Japanese Millet	16.9	.	68.6	0.81	0.69
Paul	23.2	.	66.6	0.81	0.69
Paul/Arvika	24.9	19.5	69.0	0.59	0.50
Paul/Piper	27.3	20.7	65.2	1.42	1.21
Piper	35.9	.	69.9	1.54	1.31
Mean	25.5	18.2	67.4	1.08	0.92
C.V.%	9.9	24.7	5.0	23.80	23.80
LSD.05	3.90	NS	NS	0.39	0.34

Planting Date = June 5; Harvest Date 1 = July 30-August 26; Harvest Date 2 = October 3; Previous Crop = Spring Wheat

Fall soil test indicates 15 lb N/ac with no additional N used