

**NDSU Carrington Research Extension Center
2012 Variety Trial Data**

Warm-season Forage **Carrington (Page 1 of 2)**

Variety	Forage Treatment	Plant Height inch	Harvest Moisture %	Harvest 1				Harvest 2		Total	
				Yield	Yield	Plant	Harvest	Yield	Yield	Yield	Yield
				15 % M ton/ac	DM ton/ac	Height inch	Moisture %	15 % M ton/ac	DM ton/ac	15 % M ton/ac	DM ton/ac
Common	japanese millet	41.8	84.5	2.54	2.17	26.1	76.7	1.90	1.62	4.45	3.78
Manta	siberian millet	44.0	83.0	3.36	2.86	.	.	.	.	3.36	2.86
Golden German	german millet	42.4	85.8	3.26	2.77	21.8	76.3	1.02	0.87	3.98	3.39
Common	red proso	51.6	81.2	3.54	3.02	.	.	.	.	3.54	3.02
PP102M	pearl millet	49.2	85.6	2.47	2.10	28.5	78.4	1.88	1.60	4.35	3.70
Gem-x-Hybrid	pearl millet	49.4	85.1	2.91	2.47	27.7	79.9	1.84	1.57	4.75	4.04
Piper	sudangrass	69.5	81.8	3.25	2.76	44.8	79.0	3.00	2.55	6.25	5.31
Pro-Max BMR	sudangrass	73.1	80.6	3.61	3.07	45.2	78.1	3.28	2.78	6.88	5.85
Sweething	sorghum-sudan	68.3	83.7	3.60	3.06	42.4	81.9	2.48	2.11	6.08	5.17
BMR Sweething	sorghum-sudan	55.6	82.4	3.49	2.97	31.4	81.4	1.87	1.59	5.36	4.56
Black Hawk BMR	sorghum-sudan	68.2	84.1	2.97	2.52	42.3	81.1	2.58	2.19	5.54	4.71
Special Effort	sorghum-sudan	65.6	83.8	2.87	2.44	41.9	81.0	2.80	2.38	5.67	4.82
22053BMR	sorghum-sudan	62.0	86.6	2.40	2.04	37.9	82.2	2.12	1.80	4.52	3.84
Mean		57.0	83.7	3.09	2.63	35.7	79.7	2.28	1.93	5.00	4.23
C.V. (%)		6.8	1.8	12.8	12.8	7.8	1.8	9.7	9.7	9.8	9.8
LSD 0.05		5.6	2.1	0.57	0.48	4.0	2.1	0.32	0.27	0.70	0.60

Planting Date = June 6; Harvest Date 1 = July 25; Harvest Date 2 = September 11; Previous Crop = Wheat

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Warm-season Forage	Carrington (Page 2 of 2)
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Variety	Forage Treatment	Harvest 1									
		Crude Protein	ADF	NDF	Ca	P	Mg	K	S	TDN	RFV
		%	%	%	%	%	%	%	%	%	%
Common	japanese millet	15.4	35.3	56.2	0.84	0.44	0.30	3.43	0.26	61.4	101.6
Manta	siberian millet	15.4	35.4	57.8	0.72	0.42	0.27	3.38	0.25	61.3	98.8
Golden German	german millet	12.8	34.6	57.7	0.66	0.36	0.28	3.55	0.30	62.0	100.0
Common	red proso	13.2	36.2	56.9	0.67	0.40	0.26	3.19	0.21	60.7	99.3
PP102M	pearl millet	15.5	34.2	54.7	0.87	0.43	0.31	3.46	0.30	62.2	106.0
Gem-x-Hybrid	pearl millet	16.3	33.8	54.2	0.71	0.43	0.29	3.55	0.30	62.5	107.9
Piper	sudangrass	11.0	38.5	61.4	0.51	0.35	0.24	3.12	0.23	58.9	89.6
Pro-Max BMR	sudangrass	12.1	37.8	60.4	0.50	0.38	0.22	3.10	0.20	59.4	92.3
Sweething	sorghum-sudan	12.6	36.5	57.7	0.58	0.40	0.26	3.19	0.21	60.5	97.8
BMR Sweething	sorghum-sudan	13.8	35.8	57.5	0.61	0.45	0.25	3.23	0.21	61.0	98.7
Black Hawk BMR	sorghum-sudan	12.4	35.3	58.3	0.55	0.40	0.26	3.20	0.24	61.4	98.0
Special Effort	sorghum-sudan	12.4	35.1	55.4	0.69	0.40	0.26	3.40	0.21	61.6	103.5
22053BMR	sorghum-sudan	14.3	35.3	56.8	0.70	0.44	0.26	3.26	0.23	61.4	100.9
Mean		13.3	35.7	57.3	0.66	0.41	0.26	3.3	0.24	61.1	99.6
C.V. (%)		14.0	4.9	4.0	14.9	12.9	8.1	4.9	15.8	2.2	5.8
LSD 0.05		2.7	2.5	3.3	0.14	0.08	0.03	0.23	0.05	2.0	8.2