

**NDSU Carrington Research Extension Center  
2009 Variety Trial Data**

<b>Warm-Season Forages</b>																<b>Carrington</b>
Forage Treatment	Forage Type	---- Forage ----		Harvest	---- Yield ----		CP	ADF	NDF	Ca	P	Mg	K	S	TDN	RFV
		Height	Height	Moisture	15%	DM										
		---- inch ----		%	---- ton/ac ----											
22053 BMR	BMR sorghum/sudan	70.5	.	74.7	3.0	2.6	4.7	36.4	62.3	0.46	0.23	0.19	2.04	0.09	60.6	90.5
2700	triticale	47.2	.	72.9	1.9	1.6	9.9	38.6	63.5	0.37	0.29	0.12	2.48	0.15	58.8	86.2
2700/Arvika	triticale/forage pea	45.4	35.8	75.9	2.0	1.7	12.9	31.1	49.0	0.76	0.30	0.19	2.52	0.23	64.7	123.5
Haybet	forage barley	26.3	.	67.1	2.5	2.1	9.1	29.7	52.9	0.36	0.28	0.13	2.00	0.15	65.7	115.7
Haybet/Arvika	forage barley/f.pea	26.0	35.6	71.8	2.2	1.9	10.9	25.4	42.7	0.68	0.29	0.18	2.20	0.19	69.1	151.8
Japanese Millet	japanese millet	35.3	.	62.0	3.2	2.7	5.8	34.3	57.7	0.36	0.27	0.20	1.57	0.11	62.2	100.3
Manta	siberian millet	30.5	.	74.9	2.2	1.9	7.9	36.0	62.2	0.28	0.30	0.19	2.80	0.17	60.9	91.1
Morton	grain oats	43.3	.	78.9	2.1	1.8	10.7	36.5	57.5	0.54	0.31	0.15	2.74	0.18	60.4	97.8
Morton/Arvika	oats/forage pea	41.1	37.1	74.6	2.6	2.2	12.1	30.3	47.0	0.82	0.30	0.19	2.60	0.22	65.3	129.2
Morton/Piper	oats/sudangrass	43.2	35.2	67.2	2.5	2.1	9.3	36.9	59.2	0.45	0.29	0.14	2.38	0.15	60.2	94.7
Paul	naked oats	43.8	.	74.8	2.4	2.0	9.3	35.4	57.8	0.48	0.29	0.16	2.42	0.17	61.3	98.8
Piper	sudangrass	49.3	.	77.1	1.5	1.3	8.3	36.4	61.3	0.45	0.28	0.18	2.25	0.13	60.6	93.2
Sweething	sorghum/sudan	72.8	.	65.4	3.8	3.2	4.6	33.7	58.4	0.21	0.24	0.17	1.40	0.08	62.7	100.2
BMR Sweething	BMR sorghum/sudan	55.3	.	70.8	3.8	3.2	5.6	36.2	63.1	0.22	0.28	0.19	1.52	0.10	60.7	89.5
Golden German	german millet	39.0	.	56.3	4.4	3.7	6.2	33.4	56.9	0.24	0.27	0.18	2.21	0.15	62.9	103.0
Nutri+Plus BMR	BMR sorghum/sudan	68.1	.	68.6	4.0	3.4	5.5	33.4	59.3	0.24	0.26	0.18	1.44	0.10	62.9	99.1
Pearl Millet		50.8	.	68.9	2.9	2.4	6.7	36.3	61.9	0.36	0.27	0.21	2.11	0.11	60.6	91.5
Red Proso	proso millet	42.7	.	77.3	1.9	1.6	7.6	32.8	57.5	0.39	0.28	0.21	2.05	0.13	63.3	102.4
Special Effort	sorghum/sudan	71.9	.	66.9	3.5	3.0	4.8	34.6	60.4	0.22	0.25	0.17	1.32	0.09	62.0	96.0
Mean		47.5	35.9	70.8	2.7	2.3	8.0	34.1	57.4	0.4	0.27	0.17	2.1	0.14	62.4	102.9
C.V. (%)		13.2	11.7	5.7	18.8	18.8	10.7	6.2	5.1	21.4	6.7	10.4	7.6	14.4	2.6	8.2
LSD 0.05		8.9	NS	5.8	0.7	0.6	1.4	3.5	4.9	0.15	0.03	0.03	0.27	0.03	2.7	13.9

Planting Date = June 11; Harvest Date = August 11 and September 29; Previous Crop = Barley