

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

<b>Cool-Season Forages</b>	<b>Carrington</b>
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Forage Treatment	Forage Type	Plant Lodge 0-9	----- Height -----		---- Yield ---													
			Forage	Leg.	Harvest		15%	DM	CP	ADF	NDF	Ca	P	Mg	K	S	TDN	RFV
					Moist.	%												
2700	triticale	0.0	43.4	.	65.4	2.3	1.9	8.1	37.7	61.5	0.37	0.25	0.13	1.86	0.14	59.6	89.5	
2700/Arvika	triticale/forage pea	0.5	43.2	35.6	70.0	2.9	2.5	10.1	33.0	51.5	0.63	0.27	0.17	2.33	0.18	63.2	114.1	
Arvika	forage pea	5.3	43.5	.	81.6	2.5	2.1	15.0	26.9	36.6	1.12	0.32	0.26	2.54	0.26	67.9	174.3	
Everleaf	forage oats	0.0	26.7	.	75.4	2.3	1.9	6.2	32.9	54.2	0.47	0.27	0.15	2.43	0.12	63.2	108.3	
Haybet	forage barley	0.0	20.1	.	65.5	2.4	2.1	7.2	25.3	45.9	0.36	0.29	0.11	1.90	0.10	69.2	140.7	
Haybet/Arvika	forage barley/forage pea	1.3	23.9	34.8	71.0	2.8	2.4	11.5	27.4	44.1	0.69	0.29	0.20	2.54	0.20	67.6	144.0	
Hayes	forage barley	0.0	20.0	.	66.3	2.1	1.8	5.7	25.2	44.9	0.40	0.27	0.12	2.01	0.10	69.3	144.8	
HiFi	grain oats	0.0	34.4	.	68.7	2.6	2.2	6.0	34.0	55.8	0.35	0.26	0.13	2.01	0.10	62.4	103.9	
Morton	grain oats	0.0	36.1	.	68.2	2.6	2.2	6.6	34.0	53.8	0.39	0.27	0.13	2.18	0.10	62.4	107.7	
Morton/Arvika	grain oats/forage pea	2.3	37.4	38.1	71.8	2.9	2.5	8.5	31.9	48.7	0.71	0.28	0.18	2.41	0.16	64.0	126.4	
Morton/Aus Win/H.Vetch	oats/winter pea/hairy vetch	0.3	37.4	37.8	73.2	2.9	2.5	10.4	32.1	47.9	0.78	0.29	0.22	2.72	0.18	63.9	124.5	
Morton/It.Rye/purple top	oats/italian rye/turnip	0.0	35.2	9.8	71.4	2.2	1.8	6.5	32.9	52.3	0.60	0.26	0.16	2.42	0.12	63.3	112.5	
Morton/Kibir	oats/forage pea	1.0	37.8	39.9	72.5	2.8	2.4	9.8	29.2	44.6	0.74	0.28	0.18	2.41	0.17	66.1	140.3	
Morton/Piper	oats/sudangrass	0.0	39.1	11.7	70.7	2.5	2.1	8.3	32.6	51.1	0.61	0.29	0.19	2.60	0.14	63.5	116.0	
Paul	naked oats	0.0	35.2	.	70.6	2.0	1.7	7.0	33.0	53.8	0.52	0.26	0.18	2.16	0.13	63.2	109.2	
Paul/Arvika	naked oats/forage pea	3.0	36.9	37.9	76.0	2.4	2.1	11.8	26.4	39.7	0.97	0.30	0.27	2.67	0.23	68.3	162.4	
Paul/Indian Head	naked oats/black lentil	0.0	34.2	18.0	73.3	2.2	1.9	10.7	28.3	43.4	0.95	0.31	0.33	2.92	0.21	66.8	145.4	
Stark	naked oats	0.0	36.4	.	71.9	2.1	1.8	6.7	32.6	53.1	0.58	0.26	0.18	2.28	0.13	63.5	111.3	
Mean		0.8	34.5	31.7	71.3	2.5	2.1	8.9	30.9	48.7	0.66	0.28	0.19	2.36	0.16	64.8	127.2	
C.V. (%)		122.0	6.7	14.2	2.6	14.2	14.3	16.9	7.2	7.6	26.10	8.80	28.30	12.10	24.20	2.7	11.9	
LSD 0.05		1.2	3.3	6.6	2.6	0.5	0.4	2.5	3.6	6.2	0.28	0.04	0.09	0.48	0.06	2.8	25	

**Planting Date = May 11; Harvest Date = July 21; Previous Crop = Barley**