

**NDSU Carrington Research Extension Center
2011 Variety Trial Data**

Cool-season Forages **Carrington**

Variety	Forage Treatment	Harvest Date	Harvest Stage	Cereal Height inch	Legume Height inch	Plant Lodge 0-9	Harvest Moisture %	Yield DM ton/ac	Yield 15% M ton/ac	CP	ADF	NDF	Ca	P	Mg	K	S	TDN	RFV
										----- % DM -----									
Arvika	forage pea	8-Jul	flowering	.	32.9	5.5	84.5	1.76	2.07	20.1	31.1	37.6	1.05	0.44	0.21	3.85	0.29	64.7	162
Everleaf	forage oat	15-Jul	heading	25.9	.	0.0	80.1	1.43	1.69	8.0	36.7	58.3	0.44	0.35	0.16	3.46	0.14	60.3	97
Everleaf/Arvika	oat/pea	15-Jul	heading/pods swelling	22.2	50.0	7.0	83.3	2.04	2.40	16.9	32.7	42.5	1.04	0.39	0.23	3.32	0.25	63.4	141
Haybet	forage barley	12-Jul	early dough	20.3	.	0.0	74.6	1.24	1.46	9.1	32.7	55.3	0.41	0.33	0.16	2.59	0.15	63.5	107
Haybet/Arvika	barley/pea	12-Jul	early dough/flat pod	26.0	28.9	5.3	80.7	1.87	2.20	14.2	33.3	47.5	0.71	0.38	0.19	3.31	0.23	63.0	124
Hayes	forage barley	12-Jul	early dough	21.5	.	0.0	69.8	1.41	1.66	8.9	32.8	55.4	0.36	0.33	0.15	2.50	0.14	63.4	107
HiFi	oat	15-Jul	milk	38.2	.	1.0	72.9	2.06	2.43	8.3	40.0	61.1	0.37	0.35	0.14	3.12	0.12	57.7	88
Kona	forage oat	15-Jul	early milk	30.9	.	1.0	76.1	2.08	2.45	9.0	38.7	60.0	0.40	0.35	0.15	3.17	0.14	58.8	91
Lavina	forage barley	12-Jul	early dough	21.3	.	0.0	71.1	1.45	1.71	8.5	33.4	56.1	0.33	0.32	0.15	2.55	0.14	62.9	105
Morton	oat	15-Jul	milk	36.8	.	0.0	72.9	1.95	2.30	8.7	38.3	58.3	0.39	0.34	0.13	3.00	0.12	59.1	95
Morton/Arvika	oat/pea	15-Jul	milk/pods swelling	37.2	47.5	6.8	81.1	2.21	2.60	14.6	35.8	49.0	0.76	0.38	0.19	3.32	0.22	61.0	117
Morton/Indianhead	oat/black lentil	15-Jul	milk/flat pod	33.9	12.6	0.8	73.3	1.86	2.19	8.8	39.0	58.5	0.44	0.34	0.14	3.12	0.11	58.5	93
Paul	naked oat	15-Jul	watery ripe	37.8	.	1.8	75.2	1.75	2.06	8.4	37.8	58.1	0.46	0.34	0.16	3.18	0.14	59.4	95
Rawson	2 row barley	12-Jul	4 days after heading	24.3	.	0.0	71.6	1.59	1.87	9.9	31.4	51.4	0.46	0.34	0.17	2.67	0.16	64.4	117
Soilsaver	black oats	15-Jul	early milk	42.5	.	0.5	76.3	1.44	1.69	8.8	41.3	64.7	0.42	0.35	0.16	3.17	0.16	56.7	81
Stark	naked oat	15-Jul	early milk	37.6	.	1.0	74.8	1.88	2.21	7.7	39.3	59.8	0.41	0.33	0.13	3.02	0.11	58.3	91
Stockford	forage barley	12-Jul	dough	22.8	.	0.0	75.8	1.27	1.49	7.9	31.9	53.7	0.41	0.33	0.18	2.52	0.15	64.1	111
Trical 141	forage triticale	8-Jul	anthesis	39.4	.	0.0	75.8	1.35	1.59	10.4	39.5	63.5	0.32	0.36	0.13	3.43	0.17	58.1	85
Trical 141/Arvika	triticale/pea	8-Jul	anthesis/flowering	38.5	39.0	0.8	82.4	1.50	1.76	15.2	34.5	49.1	0.80	0.39	0.19	3.66	0.25	62.0	118
Trical Merlin	forage triticale	8-Jul	anthesis	38.7	.	0.0	72.9	1.12	1.31	10.9	38.5	61.0	0.45	0.35	0.16	3.17	0.17	58.9	90
Mean				31.4	35.4	1.6	76.3	1.70	1.96	10.7	35.9	55.0	0.5	0.35	0.16	3.1	0.17	60.9	106
C.V. (%)				8.6	10.8	54.7	2.9	18.0	18.0	12.5	4.8	5.0	16.4	4.3	7.9	6.4	11.0	2.2	8.7
LSD 0.05				3.8	5.8	1.2	3.2	0.42	0.50	1.9	2.5	3.9	0.12	0.02	0.02	0.28	0.03	1.9	13

Planting Date = May 4; Previous Crop = Spring Wheat