

**NDSU Carrington Research Extension Center  
2014 Variety Trial Data**

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

Variety	Type	Harvest Stage	Cereal	Legume	Plant	Harvest	Yield	Yield
			Height	Length	Lodge	Moisture	15%	DM
			inch	inch	0-9	%	ton/ac	ton/ac
Arvika	forage pea	flat pod	.	50.4	2.5	84.4	1.93	1.64
Colt	forage oat	late milk	38.2	.	0.0	73.8	3.21	2.73
Derby	forage oat	watery ripe	43.9	.	0.8	82.8	3.04	2.58
E126	forage oat	late boot	33.1	.	0.0	86.0	2.76	2.35
E126/Arvika	for.oat/for.pea	mid boot/flat pod	30.0	46.7	1.5	84.4	2.45	2.08
E126/Flex	for.oat/for.pea	mid boot/full flower	31.9	46.7	0.0	84.2	2.77	2.35
Flex	foage pea	flat pod	.	46.3	2.5	86.3	1.24	1.06
Goliath	grain oat	early milk	48.4	.	0.0	77.3	3.57	3.03
Haybet/Admiral	for.barley/pea	soft dough/pod swell	38.4	27.6	0.3	78.2	2.88	2.45
Haybet	forage barley	soft dough	35.2	.	0.0	77.0	2.71	2.30
Haybet/Arvika	for.barley/for.pea	soft dough/flat pod	34.1	52.4	4.5	82.9	2.17	1.84
Haybet/Flex	for.barley/for.pea	soft dough/small pod	37.8	47.2	1.3	79.8	2.72	2.31
Hayes	forage barley	early dough	31.7	.	0.0	74.8	3.00	2.55
HiFi	grain oat	early milk	44.1	.	0.5	77.0	3.62	3.08
Kona	forage oat	watery ripe	33.9	.	0.5	80.8	3.07	2.61
Kona/Arvika	for.oat/for.pea	watery ripe/flat pod	32.1	47.4	1.8	78.9	2.94	2.50
Kona/Flex	for.oat/for.pea	watery ripe/full flower	35.8	45.7	0.5	82.7	2.89	2.45
Newberg	grain oat	milk	46.1	.	0.0	77.6	3.67	3.12
Rockford	grain oat	early milk	44.3	.	0.0	77.8	3.55	3.01
Stockford	forage barley	early dough	37.5	.	0.0	76.3	3.50	2.98
Trical141	forage triticale	end anthesis	54.5	.	0.0	78.1	3.30	2.81
Trical2700	forage triticale	late anthesis	52.2	.	0.0	77.7	2.99	2.54
Trical141/Arvika	for.triticale/for.pea	late anthesis/small pod	52.8	43.3	0.0	77.2	2.99	2.54
Trical141/Flex	for.triticale/for.pea	late anthesis/full flower	54.1	42.5	0.0	77.5	3.05	2.59
Wheatly	forage triticale	late anthesis	53.9	.	0.0	77.8	3.05	2.59
Mean			41.6	44.8	0.7	79.7	2.92	2.48
C.V. (%)			6.2	7.4	82.3	2.8	11.4	11.4
LSD 0.10			3.0	4.0	0.6	2.6	0.39	0.33

**Planting Date = May 14; Harvest Date = July 21; Previous Crop = Wheat**

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**Cool-season Forage** **Carrington (Page 2 of 2)**

Variety	CP	ADF	NDF	TDN	Ca	P	Mg	K	S	RFQ	RFV
	%	%	%	%	%	%	%	%	%	%	%
Arvika	18.7	29.0	35.3	63.0	1.27	0.32	0.31	2.68	0.24	175	154
Colt	9.1	36.3	54.4	58.1	0.43	0.29	0.14	2.27	0.13	104	118
Derby	12.1	39.0	61.1	55.4	0.46	0.32	0.17	3.34	0.19	89	109
E126	13.7	35.0	55.1	58.9	0.59	0.35	0.20	3.77	0.20	104	138
E126/Arvika	16.6	32.5	46.0	60.0	0.89	0.36	0.24	3.37	0.23	130	140
E126/Flex	12.7	37.0	56.0	57.3	0.59	0.35	0.18	3.93	0.18	100	127
Flex	19.0	33.1	39.8	59.9	1.24	0.34	0.30	3.23	0.25	148	139
Goliath	10.6	37.5	59.3	56.9	0.36	0.30	0.17	2.65	0.16	94	117
Haybet/Admiral	13.8	33.0	51.6	59.3	0.65	0.30	0.19	2.61	0.19	114	131
Haybet	10.0	34.4	55.9	59.0	0.48	0.28	0.17	2.15	0.15	104	123
Haybet/Arvika	16.8	31.7	42.3	59.8	1.12	0.31	0.28	2.87	0.23	142	143
Haybet/Flex	15.5	33.0	46.0	59.6	0.91	0.30	0.23	2.95	0.22	128	137
Hayes	10.4	33.3	54.2	59.4	0.45	0.29	0.17	2.39	0.16	108	129
HiFi	11.2	39.3	59.5	56.0	0.49	0.29	0.18	2.71	0.17	91	111
Kona	11.3	36.4	59.0	56.6	0.39	0.33	0.20	3.02	0.15	95	119
Kona/Arvika	14.5	34.0	50.5	58.1	0.77	0.33	0.25	3.08	0.20	116	129
Kona/Flex	11.9	38.7	58.7	56.2	0.56	0.32	0.19	3.39	0.18	93	115
Newberg	11.3	37.4	59.0	57.1	0.37	0.30	0.17	2.49	0.16	94	117
Rockford	10.7	39.6	60.8	55.9	0.44	0.29	0.16	2.94	0.17	89	110
Stockford	10.4	31.3	51.7	61.1	0.45	0.30	0.19	2.50	0.17	116	139
Trical141	13.0	40.0	62.3	53.7	0.47	0.32	0.15	3.15	0.18	86	97
Trical2700	12.7	39.2	61.8	54.7	0.45	0.31	0.16	2.99	0.17	88	103
Trical141/Arvika	12.7	39.1	60.2	55.0	0.51	0.30	0.16	3.04	0.18	91	105
Trical141/Flex	12.9	37.8	59.3	55.0	0.50	0.31	0.17	3.15	0.18	94	108
Wheatly	12.1	38.5	60.7	55.8	0.39	0.30	0.16	2.73	0.16	90	106
Mean	13.0	35.9	54.4	57.6	0.6	0.30	0.20	2.94	0.18	107	122
C.V. (%)	10.0	4.8	5.0	2.0	16.3	7.5	12.1	8.0	10.8	7.5	6.2
LSD 0.10	1.5	2.0	3.2	1.4	0.12	0.03	0.03	0.28	0.02	9	9

**Planting Date = May 14; Harvest Date = July 21; Previous Crop = Wheat**