

**NDSU Carrington Research Extension Center
2015 Variety Trial Data**

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

Variety	Forage Type	Harvest Stage	Harvest Date	Days to Heading	Days to Bloom	Cereal Height inch	Legume Height inch	Plant Lodge 0-9	Harvest Moisture %	Yield Dry Matter ton/ac
Colt	forage oat	early milk	1-Jul	55.8	.	31.7	.	0.0	72.9	2.09
Derby	forage oat	early milk	9-Jul	65.8	.	37.4	.	0.0	76.4	2.72
E-126	forage oat	fully headed	13-Jul	73.3	.	34.6	.	0.0	80.5	2.80
E-126/Arvika	for.oat/for.pea	75% head/pods swell	13-Jul	74.5	60.0	32.7	35.2	1.5	80.9	2.60
E-126/Flex	for.oat/for.pea	75% head/pods swell	13-Jul	74.3	58.5	32.5	35.0	0.3	79.9	2.86
Goliath	grain oat	early milk	6-Jul	63.0	.	41.4	.	0.0	76.9	2.45
Haybet/Arvika	for.oat/for.pea	late milk/flat pod	9-Jul	64.0	59.8	27.6	33.9	6.8	79.2	2.21
Haybet	forage barley	early dough	6-Jul	60.8	.	30.9	.	0.0	72.8	2.56
Haybet/Flex	for.barley/for.pea	soft dough/flat pod	9-Jul	61.3	58.8	29.9	31.7	2.5	74.6	2.69
Hays	forage barley	early dough	3-Jul	63.5	.	26.1	.	0.0	74.2	2.27
Kona	forage oat	early milk	9-Jul	66.5	.	31.3	.	0.0	75.7	2.71
Kona/Arvika	for.oat/for.pea	early milk/pods swell	9-Jul	67.3	60.0	30.9	34.4	2.8	80.7	2.11
Kona/Flex	for.oat/for.pea	early milk/flat pod	9-Jul	65.8	58.8	31.3	33.1	0.0	79.1	2.28
Newberg	grain oat	early milk	6-Jul	62.0	.	37.4	.	0.0	76.2	2.30
Paul	grain oat	early milk	13-Jul	65.5	.	37.8	.	0.0	73.7	2.89
Rockford	grain oat	early milk	6-Jul	62.3	.	36.2	.	0.0	75.8	2.51
Stockford	forage barley	early dough	6-Jul	60.8	.	27.6	.	0.0	76.3	2.43
Trical 141	forage triticale	end anthesis	6-Jul	63.0	.	47.6	.	0.0	75.4	2.52
Trical 2700	forage triticale	mid anthesis	6-Jul	61.0	.	45.9	.	0.0	74.9	2.40
Wheatly	forage triticale	full anthesis	1-Jul	58.8	.	38.2	.	0.0	77.8	1.93
Mean				64.4	59.3	34.4	33.6	0.7	76.7	2.47
C.V. (%)				1.4	1.6	5.5	7.1	37.6	2.6	11.5
LSD 0.05				1.2	1.4	2.7	3.6	0.4	2.8	0.40

Planting Date = April 29; Harvest Date = Various, by crop stage; Previous Crop = Flax

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Variety	CP %	ADF %	NDF %	Ash %	Ca %	P %	Mg %	K %	S %	RFV %	RFQ %
Colt	11.3	38.7	58.5	10.6	0.47	0.28	0.12	2.86	0.18	94	115
Derby	9.5	38.8	62.1	10.0	0.45	0.29	0.15	3.01	0.16	88	113
E-126	9.2	38.8	61.6	10.1	0.41	0.31	0.14	3.49	0.15	88	119
E-126/Arvika	14.3	33.5	44.2	9.9	0.90	0.32	0.22	3.07	0.20	133	144
E-126/Flex	12.8	35.8	50.4	10.6	0.71	0.32	0.18	3.47	0.18	114	136
Goliath	10.1	39.8	60.1	10.4	0.45	0.28	0.12	2.92	0.16	90	112
Haybet/Arvika	15.4	31.1	42.2	10.3	0.97	0.30	0.23	2.65	0.21	144	147
Haybet	10.1	34.3	54.3	10.4	0.51	0.27	0.13	2.52	0.16	107	126
Haybet/Flex	12.1	33.3	48.6	9.9	0.70	0.28	0.17	2.78	0.18	121	139
Hays	11.3	35.4	56.5	10.7	0.48	0.28	0.14	2.77	0.17	102	128
Kona	10.3	37.5	58.1	9.8	0.46	0.29	0.15	3.04	0.16	96	124
Kona/Arvika	15.5	32.1	41.7	10.2	1.07	0.30	0.25	2.74	0.22	143	144
Kona/Flex	13.5	35.9	50.5	10.8	0.80	0.30	0.19	3.12	0.20	112	129
Newberg	10.6	38.7	60.6	9.7	0.43	0.26	0.13	2.61	0.18	90	117
Paul	8.4	34.5	52.5	8.2	0.42	0.28	0.16	2.42	0.12	110	131
Rockford	11.4	39.4	60.8	10.6	0.47	0.30	0.13	2.98	0.18	89	111
Stockford	9.7	33.6	52.5	10.7	0.53	0.29	0.14	2.67	0.16	111	131
Trical 141	10.8	41.6	64.9	10.7	0.42	0.28	0.11	3.14	0.15	82	97
Trical 2700	10.6	42.9	65.2	11.0	0.42	0.28	0.11	2.97	0.16	79	91
Wheatly	12.4	40.3	62.3	11.2	0.41	0.31	0.11	3.36	0.18	86	101
Mean	11.4	36.9	55.5	10.3	0.57	0.29	0.15	2.90	0.17	103	123
C.V. (%)	10.9	3.4	4.3	6.2	11.9	5.8	10.7	5.0	10.2	7.5	5.5
LSD 0.05	1.8	1.8	3.4	0.9	0.10	0.02	0.02	0.20	0.08	11	10

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