

**NDSU Carrington Research Extension Center  
2019 Variety Trial Data**

Cereal Forage																	Carrington	
Variety	Harvest Stage	Days to Heading	Plant Height inch	Plant Lodge 0 to 9	Harvest Moisture %	Forage DM Yield ton/ac	CP %	ADF %	NDF %	TDN %	Ash %	Ca %	P %	Mg %	K %	S %	RFV	RFQ
AKF Axcel	early milk	57.0	31.6	0.5	79.3	2.42	13.4	34.6	57.2	59.0	8.5	0.41	0.28	0.18	2.63	0.18	101	144
Everleaf 114	30% headed	--	32.4	0.0	83.0	2.26	15.7	37.3	58.8	57.8	9.8	0.46	0.35	0.19	3.52	0.22	95	128
Everleaf 126	late boot	--	33.1	0.0	86.5	2.21	15.6	35.9	55.4	60.4	10.5	0.55	0.36	0.20	3.73	0.20	102	142
Proleaf 234	watery ripe	57.0	34.9	0.0	80.0	2.27	15.2	37.7	60.5	56.0	8.5	0.40	0.31	0.19	3.09	0.21	92	124
Surge	end anthesis	58.8	40.8	1.3	80.2	2.24	15.3	39.4	63.5	53.3	9.4	0.39	0.31	0.15	3.16	0.18	85	113
Everleaf 256	50% headed	63.5	31.1	0.0	83.5	2.33	15.6	37.1	59.4	57.2	9.4	0.44	0.33	0.17	3.46	0.22	94	129
NZA 4,41	watery ripe	61.0	32.5	0.0	83.0	2.34	15.8	36.1	58.2	58.5	9.0	0.48	0.33	0.19	3.06	0.23	97	135
WB 9490	end anthesis	55.8	29.0	0.0	78.2	1.93	17.0	35.8	58.7	55.6	10.9	0.53	0.31	0.20	2.44	0.22	97	127
WB 9699	watery ripe	53.5	28.1	0.0	74.8	1.91	15.9	34.4	57.3	58.4	9.3	0.54	0.29	0.21	2.12	0.20	101	140
WB 9990	end anthesis	57.0	28.4	0.0	78.3	1.78	16.5	36.0	59.4	57.0	9.9	0.51	0.32	0.23	2.76	0.21	95	130
WB Patron	early milk	50.0	27.2	0.0	73.4	1.70	16.2	32.5	54.7	59.0	8.3	0.52	0.29	0.18	1.99	0.21	108	146
GNO-19011	watery ripe	59.5	46.3	2.0	78.4	2.28	14.7	41.0	64.6	51.6	8.3	0.43	0.29	0.18	2.61	0.21	82	105
Paul	headed	59.0	37.8	1.3	80.2	2.34	15.3	37.2	60.0	56.0	8.2	0.50	0.29	0.19	2.49	0.21	93	127
Rockford	early milk	55.0	38.9	0.0	79.1	2.51	13.7	39.0	62.1	53.8	8.5	0.44	0.29	0.17	2.85	0.18	88	119
Mean	--	57.3	33.7	0.3	80	2.18	15.5	36.6	59.2	56.9	9.2	0.47	0.31	0.19	2.84	0.21	95	130
C.V. (%)	--	0.8	4.4	155.6	1.5	7.20	6.2	3.5	2.4	2.5	6.2	12.5	4.50	9.20	8.00	7.7	4.0	5.0
LSD 0.10	--	0.6	1.7	0.6	1.4	0.19	1.3	1.8	2.0	2.0	0.8	0.08	0.02	0.02	0.32	0.02	5	9
LSD 0.05	--	0.7	2.1	0.7	1.7	0.23	1.6	2.2	2.4	2.4	1.0	0.10	0.23	0.03	0.38	0.03	6	11

**Planting Date = May 10; Harvest Date = July 12; Previous Crop = Barley Forage**