

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Forages - Winter Triticale	Carrington
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Variety	Harvest Date	Winter Survival	Jday of Heading	Plant Height	Harvest Moisture	Forage DM Yield	CP	ADF	NDF	TDN	Ash	Ca	P	Mg	K	S	RFV	RFQ
		%		inch	%	ton/ac	%	%	%	%	%	%	%	%	%	%		
NT09404		90.0	162.3	37.0	70.5	1.81	14.4	32.1	54.5	57.5	9.5	0.46	0.29	0.23	2.21	0.18	109	140
NE96T441		92.5	165.8	43.6	77.0	1.94	15.8	32.3	55.6	57.6	10.6	0.49	0.31	0.23	2.66	0.20	107	138
NT11406		92.5	162.5	33.9	71.0	1.57	15.1	30.7	54.0	58.4	10.1	0.48	0.29	0.22	2.15	0.19	112	144
NT13443		85.0	161.8	43.1	70.4	1.80	14.9	33.3	54.7	56.2	10.3	0.47	0.29	0.22	2.25	0.19	107	134
NT13416		81.3	162.5	39.0	70.6	1.34	15.3	32.8	55.4	56.9	10.5	0.48	0.29	0.22	2.25	0.20	106	135
NT12414		91.3	162.3	31.6	71.4	1.73	14.4	32.3	54.5	56.9	10.2	0.49	0.28	0.22	2.12	0.18	109	137
NT11428		92.5	163.3	40.2	74.0	1.85	14.9	32.3	55.2	57.7	10.2	0.47	0.30	0.22	2.29	0.19	107	140
NT09423		93.8	162.3	32.7	72.6	1.72	14.9	31.9	56.1	57.5	9.8	0.43	0.29	0.21	2.27	0.18	106	140
NT07403		85.0	158.5	31.1	68.6	1.41	15.0	31.2	52.2	58.4	10.2	0.51	0.29	0.23	2.00	0.19	115	144
NT12434		91.3	163.8	31.3	74.2	1.41	16.2	31.9	54.9	58.0	10.6	0.46	0.32	0.23	2.48	0.21	109	139
NT12403		82.5	162.5	34.4	72.9	1.25	13.7	34.6	56.9	55.8	9.4	0.45	0.27	0.21	2.21	0.18	101	131
Mean		88.9	162.5	36.2	72.1	1.62	15.0	32.3	54.9	57.4	10.1	0.47	0.29	0.22	2.26	0.19	108	138
C.V. (%)		5.7	0.5	6.8	3.0	20.5	6.1	2.5	1.7	1.4	5.0	9.6	5.8	8.0	7.2	6.9	2.6	2.1
LSD 0.10		6.1	1.0	3.0	2.6	0.40	1.3	1.1	1.3	1.2	0.7	0.06	0.02	NS	0.23	0.02	4	4
LSD 0.05		7.3	1.1	3.6	3.2	0.48	1.6	1.4	1.6	1.4	0.9	0.08	0.03	NS	0.28	0.02	5	5

Planting Date = October 11; Harvest Date = June 21; Previous Crop = Oats

TriCal Exp 30917	12-Jun	78.8	158.0	30.3	76.6	1.50	15.3	34.4	57.0	55.8	10.2	0.48	0.30	0.21	2.53	0.20	101	129
TriCal Gainer 154	7-Jun	93.8	153.3	31.2	75.7	1.53	15.0	33.3	56.7	57.2	10.1	0.45	0.30	0.21	2.56	0.18	103	136
TriCal Flex 719	13-Jun	93.8	160.8	37.7	75.7	2.07	14.4	36.1	60.3	53.6	10.6	0.44	0.29	0.19	2.74	0.18	94	120
TriCal Exp 08TF01	13-Jun	92.5	163.0	34.7	76.9	2.02	15.1	35.4	59.5	54.6	10.6	0.45	0.30	0.19	2.90	0.19	96	123
Mean		89.7	158.8	33.5	76.2	1.78	15.0	34.8	58.4	55.3	10.4	0.46	0.30	0.20	2.68	0.19	99	127
C.V. (%)		7.9	0.4	3.4	1.6	11.1	2.9	2.1	1.3	1.6	3.7	6.7	3.2	3.4	3.5	4.0	2.1	3.5
LSD 0.10		9.2	0.7	1.5	NS	0.26	0.7	1.2	1.2	1.4	NS	NS	NS	0.01	0.15	0.01	3	7
LSD 0.05		11.3	0.9	1.8	NS	0.31	NS	1.5	1.5	1.8	NS	NS	NS	0.01	0.19	0.02	4	9

Planting Date = September 22; Harvest Date = June 7-13; Previous Crop = Oats