

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

Table 1. Winter Cereal Forage - yield data **Carrington**

Variety	Crop Type	Harvest Date ¹	Harvest Stage	Jday of Heading	Plant Height inch	Harvest Moisture %	15% Forage Yield ton/ac	DM Forage Yield ton/ac
NDSU Experimental	rye	23-Jun	late anthesis	162.5	46.7	72.5	2.53	2.15
Hazlet	rye	23-Jun	late anthesis	163.5	39.8	72.7	2.37	2.02
Thunder Cale	triticale	23-Jun	late anthesis	162.0	38.9	72.5	2.41	2.05
Metzger	triticale	2-Jul	late anthesis	174.3	44.1	72.9	3.03	2.57
Jerry	wheat	26-Jun	mid anthesis	170.8	36.6	69.6	2.90	2.46
Willow Creek	wheat	7-Jul	mid anthesis	181.0	47.2	71.4	3.65	3.10
Oberkulmer	spelt	7-Jul	end anthesis	178.5	48.5	70.5	3.74	3.18
Frank	spelt	7-Jul	early anthesis	181.8	44.8	72.6	3.73	3.17
Mean				171.7	43.3	71.8	3.04	2.58
C.V. (%)				0.5	3.3	2.9	7.6	7.6
LSD 0.10				1.1	1.8	2.5	0.28	0.24

Planting Date = September 24, 2013; Previous Crop = Flax

¹ Trial harvested by variety, harvest dates in table.

Table 2. Winter Cereal Forage - quality data**Carrington**

Variety	CP	ADF	NDF	TDN	Ca	P	Mg	K	S	RFQ	RFV
	%	%	%	%	%	%	%	%	%	%	%
NDSU Experimental	10.4	42.1	66.6	51.8	0.40	0.28	0.15	2.43	0.11	78.40	90.37
Hazlet	11.3	41.4	65.6	52.2	0.40	0.29	0.16	2.30	0.12	80.29	91.57
Thunder Cale	11.0	40.2	64.2	53.1	0.41	0.27	0.16	2.25	0.13	83.45	96.99
Metzger	11.2	41.5	65.1	52.0	0.42	0.28	0.14	2.45	0.13	80.86	90.09
Jerry	11.4	38.8	62.6	54.3	0.40	0.28	0.16	1.92	0.12	87.08	103.21
Willow Creek	10.7	43.4	64.6	50.6	0.52	0.26	0.12	2.41	0.12	79.29	80.27
Oberkulmer	10.8	40.9	63.1	53.3	0.43	0.26	0.14	1.94	0.13	84.05	92.72
Frank	10.9	42.2	64.4	51.6	0.45	0.26	0.13	2.24	0.13	80.82	86.45
Mean	11	41.3	64.5	52.40	0.43	0.27	0.14	2.24	0.12	81.80	91.50
C.V. (%)	8.2	3.0	1.6	1.5	15.4	6.2	10.9	9.1	11.8	2.8	4.6
LSD 0.10	NS	1.5	1.3	1.0	0.08	0.02	0.02	0.25	0.02	2.8	5.1

Table 3. Winter Cereal Forage - double crop yield data **Carrington**

Variety	Crop Type	Planting Date	Plant Height inch	Harvest Moisture %	15% Forage Yield ton/ac	DM Forage Yield ton/ac
NDSU Experimental	rye	23-Jun	43.9	65.3	2.01	1.71
Hazlet	rye	23-Jun	51.3	69.3	2.36	2.01
Thunder Cale	triticale	23-Jun	44.8	68.1	1.91	1.62
Metzger	triticale	2-Jul	41.1	71.2	1.55	1.31
Jerry	wheat	26-Jun	43.5	68.7	1.73	1.47
Willow Creek	wheat	7-Jul	34.9	74.2	0.75	0.64
Oberkulmer	spelt	7-Jul	37.2	75.0	0.91	0.78
Frank	spelt	7-Jul	41.5	74.9	0.90	0.76
Mean			42.3	70.8	1.52	1.29
C.V. (%)			9	3.5	22.9	22.9
LSD 0.10			4.6	3.0	0.42	0.36

Planted by date into previous crop listed in table 3.

Harvest Date = September 25; Previous Crop = Piper Sudangrass