

NDSU Carrington Research Extension Center
2008 Variety Trial Data

Winter Cereal Forage	Carrington
-----------------------------	-------------------

Variety	Type	Harvest Date	Plant Vigor ¹ 1-10	Plant Stand ² %	Heading Date Jday	Plant Height inch	Harvest moisture %	Yield		--- Yield DM ---										
								15%M ton/ac	2008 ton/ac	3-yr. Avg.	CP	ADF	NDF	Ca	Phos	Mag	Pot	Sulfur	TDN	RFV
Boreal	triticale	23-Jun	4.5	78.8	169.0	49.8	77.0	3.1	2.7	2.4	14.3	36.7	60.8	0.48	0.34	0.16	2.83	0.22	56.8	92.3
DR02	rye	20-Jun	10.0	97.5	155.3	50.4	73.9	4.3	3.7	--	14.0	36.8	61.5	0.46	0.33	0.17	2.52	0.20	60.2	91.2
Frank	spelt	8-Jul	4.5	86.3	181.8	44.4	65.6	4.4	3.7	3.3	12.9	36.3	58.1	0.56	0.29	0.15	2.43	0.22	57.1	97.1
Harding	wheat	23-Jun	4.3	95.0	169.0	30.8	74.2	2.5	2.1	--	14.5	24.1	60.6	0.50	0.33	0.16	2.39	0.22	57.6	94.0
Jerry	wheat	23-Jun	5.8	97.5	169.3	33.2	73.6	2.8	2.3	2.2	14.6	35.6	59.9	0.54	0.33	0.16	2.49	0.22	56.8	95.2
K004-1	triticale	23-Jun	7.4	92.1	166.3	48.3	76.3	3.4	2.9	--	14.7	37.8	63.7	0.51	0.34	0.16	2.65	0.20	56.8	90.9
K004-85	triticale	20-Jun	8.0	90.0	158.3	38.7	77.1	2.7	2.3	--	13.6	36.8	60.7	0.56	0.31	0.16	2.37	0.19	55.8	92.3
PI348159	spelt	8-Jul	5.5	88.8	181.5	44.2	66.9	4.3	3.6	3.2	12.9	36.5	39.4	0.58	0.29	0.15	2.57	0.23	56.6	96.1
Roughrider	wheat	23-Jun	5.7	98.2	168.9	34.0	74.4	2.9	2.4	--	13.6	36.5	61.4	0.54	0.32	0.16	2.47	0.21	56.4	91.6
Rymin	rye	20-Jun	9.8	100.0	154.0	49.3	70.1	4.4	3.8	2.4	12.4	26.4	42.3	0.52	0.28	0.16	2.15	0.21	54.2	87.0
Windrift	triticale	23-Jun	6.0	78.8	165.8	49.7	74.4	3.6	3.1	2.6	13.4	37.6	61.7	0.49	0.33	0.15	2.50	0.20	66.5	90.0
Mean			6.5	90.8	167.2	43.0	72.9	3.5	3.0	--	13.7	34.5	56.9	0.52	0.31	0.16	2.48	0.21	57.6	92.6
C.V.%			21.0	8.4	0.7	6.0	2.6	11.9	11.9	--	7.0	25.9	25.2	10.2	5.1	8.3	7.5	7.6	12.5	4.3
LSD.05			2.0	11.0	1.8	3.7	2.8	0.6	0.5	--	1.6	NS	NS	NS	0.03	NS	0.32	NS	NS	NS

Planting Date = September 17 @ 1.2 million PLS/ac for wheat, triticale, rye and 110 lbs/ac for spelt; Previous Crop = Durum

¹ Plant vigor scores taken early spring; 1 = worst; 10 = best

² Plant stand indicates stand in spring.