

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

Hard Red Winter Wheat **Wishek**

Variety	Julian Day of Heading	Plant Height inch	Plant Lodge 0 to 9	-- Grain Protein --			----- Grain Yield -----						
				2014 ----- % -----	3-yr. Avg. -----	Grain Protein ¹	1000 KWT gram	1000 KWT ¹ gram	Test Weight lb/bu	Grain Yield ¹ bu/ac	2014 -----	2-yr. Avg. bu/ac	3-yr. Avg. -----
Jerry	176.0	31.0	1.0	11.85	12.6	12.92	7.04	8.08	60.9	58.9	50.0	44.3	46.5
Decade	173.5	29.5	0.0	12.70	13.1	12.66	6.78	7.60	59.2	80.6	67.2	48.5	52.5
Lyman	173.2	28.0	1.7	11.74	12.9	13.30	8.08	8.60	63.1	56.1	57.1	44.7	45.9
Ideal	174.5	29.1	0.3	11.13	11.9	11.28	6.68	7.60	62.3	83.0	64.0	45.5	48.3
Overland	172.5	28.2	0.8	10.96	12.1	11.65	7.04	7.88	63.4	74.4	58.4	43.4	45.7
McGill	174.0	29.4	1.0	10.86	12.2	11.96	6.28	7.44	60.2	57.9	49.3	36.6	41.5
Robidoux	173.0	26.1	0.8	11.89	12.1	12.56	5.69	6.99	56.2	34.6	33.5	29.1	37.8
Freeman	172.8	27.8	0.7	11.17	--	11.67	6.91	7.60	60.9	57.5	55.2	--	--
Art	172.3	28.0	0.7	11.62	12.9	12.23	6.07	6.96	62.6	62.2	53.8	36.8	43.3
SY Wolf	172.3	27.7	0.5	11.56	12.4	11.79	6.90	7.83	61.0	69.2	59.9	41.8	44.3
WB Matlock	174.3	26.8	0.8	11.66	12.3	13.30	6.38	7.72	61.8	48.6	44.7	35.6	45.0
CDC Falcon	174.3	26.6	0.7	11.29	12.0	11.99	5.45	6.89	61.3	60.1	53.3	40.8	43.1
WB-Grainfield	172.5	26.1	0.8	11.33	--	11.87	6.04	7.33	59.4	43.6	43.9	31.4	--
Peregrine	176.5	36.2	0.8	11.04	12.1	11.12	6.39	7.57	61.5	80.2	68.6	51.2	49.9
Accipiter	177.7	27.8	0.3	11.21	12.1	11.54	5.49	6.64	59.8	67.6	50.8	37.3	40.1
Moats	176.0	31.9	1.0	11.25	--	11.68	6.14	7.30	59.3	62.8	53.0	41.4	--
Flourish	174.3	28.2	0.2	11.69	--	11.81	6.27	7.71	59.1	65.5	52.8	40.8	--
AC Broadview	174.7	27.3	0.5	11.00	11.8	11.86	6.04	7.36	61.7	69.7	57.2	42.9	46.6
AC Emerson	173.2	29.0	0.3	11.71	--	13.17	6.35	6.68	62.0	65.5	60.0	44.6	--
AC Gateway	175.0	28.2	0.0	12.37	--	12.92	6.40	7.47	60.0	77.1	59.7	--	--
Mean	174.5	29.1	0.7	11.54	--	12.17	6.51	7.59	60.6	63.7	54.2	--	--
C.V. (%)	1.2	9.9	80.4	6.6	--	6.6	11.5	11.5	4.2	22.3	22.3	--	--
² LSD 0.05	1.4	2.0	0.5	0.49	--	0.49	0.26	0.26	1.9	9.8	9.8	--	--
² LSD 0.10	1.2	1.7	0.4	0.41	--	0.41	0.22	0.22	1.6	8.2	8.2	--	--
³ LSD 0.05				0.12	--	0.12	0.06	0.06		2.4	2.4	--	--

Planting Date = September 25, 2013; Harvest Date = August 14; Previous Crop = Wheat

¹shaded boxes indicate that the plots were treated with a fungicide early and at anthesis.

²Mean separation between varieties.

³Mean separation between fungicide treatments.