

**NDSU Carrington Research Extension Center
2016 Variety Trial Data**

Hard Red Winter Wheat	Wishek
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Variety ¹	Winter	Canopy ³	Heading	Plant	Lodge ⁴	----- Protein -----			Test	----- Yield -----		
	Survival ²	0-9	Date	Height		3-yr.	2-yr.	3-yr.				
	0-9	0-9	J date	in	0-9	2016	Avg.	KWT	Weight	2016	Avg.	Avg.
						----- % -----	-----	gram	lb/bu	-----	bu/ac	-----
Jerry	6.8	6.8	160.0	33.1	2.8	14.72	13.4	30.0	54.9	59.3	47.8	48.5
Decade	7.3	7.5	157.3	29.0	1.0	14.35	13.5	26.8	55.4	75.9	57.9	61.0
Lyman	7.3	8.5	154.8	30.6	3.3	14.25	13.0	30.8	56.7	65.4	60.2	59.2
Ideal	7.0	7.5	158.0	31.2	1.8	13.65	12.4	28.9	56.9	82.4	65.5	65.0
Overland	7.5	8.5	155.3	32.6	2.0	13.53	12.3	29.8	57.0	78.8	68.9	65.4
SY Wolf	7.3	8.3	155.5	32.5	1.0	13.20	12.5	30.9	58.2	89.8	79.5	73.0
WB Matlock	7.3	7.8	158.8	33.3	1.8	15.08	13.4	29.6	56.7	70.1	58.2	53.7
Peregrine	7.0	6.8	158.5	33.3	3.0	13.38	12.2	28.7	57.7	66.8	63.4	65.2
Accipiter	6.0	6.3	161.0	31.3	2.3	13.65	12.5	27.2	57.5	64.8	53.0	52.3
Moats	7.0	6.8	158.8	33.1	3.3	14.22	13.1	27.7	57.2	65.7	54.6	54.0
Flourish	6.8	7.3	156.3	31.6	1.3	13.91	13.0	29.6	56.2	67.6	52.6	52.6
AC Broadview	7.0	7.5	157.3	29.8	1.8	13.78	12.6	25.2	55.4	69.2	56.2	56.5
AC Emerson	7.3	7.0	158.8	32.6	1.3	14.49	13.3	23.5	55.8	56.9	52.7	55.1
AC Gateway	7.0	6.8	157.3	28.9	1.0	15.57	14.1	27.0	56.0	59.5	49.9	53.2
Colter	6.8	6.3	160.8	31.6	1.0	14.11	--	29.9	53.8	66.8	55.1	--
CDC Chase	7.0	7.3	156.5	32.6	3.0	13.80	--	27.9	58.0	72.3	61.3	--
Redfield	7.0	7.8	156.0	31.0	1.8	13.99	--	28.6	56.5	72.6	63.5	--
Ruth	7.0	7.8	153.8	31.2	1.5	13.83	--	28.1	56.8	74.1	--	--
WB4614	7.3	7.0	155.5	29.4	1.0	13.46	--	28.4	52.3	68.3	52.9	--
SY Monument	7.5	8.3	155.5	30.7	2.3	12.61	--	29.3	56.2	84.4	--	--
SY Sunrise	7.8	8.0	154.0	29.6	2.3	13.24	--	31.4	57.5	87.2	--	--
Northern	7.0	7.5	160.0	29.6	1.0	13.71	--	25.6	53.0	69.0	--	--
Loma	7.0	7.8	160.5	28.1	1.0	15.72	--	25.0	52.2	55.2	--	--
Jerry 1.5x	8.0	8.3	157.8	31.1	2.0	15.10	13.4	28.2	54.0	57.6	50.1	52.1
Jerry 2x	7.8	8.8	159.0	30.9	1.5	15.02	--	28.0	53.8	56.3	51.5	--
Jerry 3x	8.3	8.0	157.5	32.5	1.8	15.21	--	26.8	52.9	51.0	51.6	--
Mean	7.2	7.5	157.0	31.2	1.8	14.14	--	28.2	55.7	68.7	--	--
C.V. (%)	7.5	9.8	0.6	7.7	36.7	3.3	--	4.8	1.2	13.8	--	--
LSD (0.05)	0.7	1.0	1.4	3.4	0.9	0.66	--	1.9	0.9	13.3	--	--
LSD (0.10)	0.6	0.9	1.2	2.8	0.8	0.55	--	1.6	0.8	11.1	--	--

Planting Date = September 22; Harvest Date = July 25; Previous Crop = Spring Wheat

¹Jerry 1.5-3x indicates a set of treatments evaluating increased seeding rates

²Winter survival is a visual estimate of the number of plants that survived the winter; 0 = no plants and 9 = 100% survival

³Canopy is a visual estimate of leaf cover of a plot during the boot stage; 0 = open canopy and 9 = completely filled canopy

⁴Lodge; 0 = no lodge and 9 = completely flat