

**NDSU North Central Research Extension Center  
2017 Hard Red Winter Wheat Variety Trial at Minot**

Variety	Spring	Heading	Plant	Test	Grain	Grain Yield				
	Stand	Date	Height	Weight	Protein	2014	2016	2017	2 yr avg	3 yr avg
	%	June	inches	lbs/bu	%	bushels per acre				
Peregrine	99	4	35	62.4	11.6	69.7	83.5	89.8	86.6	81.0
WB Matlock	88	3	29	61.0	13.0	73.9	85.7	67.7	76.7	75.8
Ideal	99	3	28	62.0	11.4	68.4	84.0	74.9	79.5	75.8
SY Wolf	98	3	32	62.1	13.2	62.8	77.1	87.3	82.2	75.7
Flourish	96	2	30	61.6	13.9	64.8	78.2	80.6	79.4	74.5
AC Broadview	93	3	25	60.8	12.5	72.5	85.6	59.8	72.7	72.6
Accipiter	96	4	28	61.9	12.4	68.9	79.2	67.0	73.1	71.7
Lyman	96	1	29	61.2	13.9	68.2	81.5	64.2	72.9	71.3
Decade	95	3	27	61.7	13.6	69.8	82.0	59.7	70.9	70.5
Moats	91	4	29	60.8	12.8	64.7	79.3	63.6	71.5	69.2
Jerry	93	3	30	60.1	13.2	64.3	84.9	57.9	71.4	69.0
Redfield	99	2	27	61.4	12.9	62.6	75.0	64.6	69.8	67.4
AC Emerson	85	3	29	60.3	14.0	65.8	82.2	53.9	68.1	67.3
AC Gateway	95	3	26	60.9	13.9	59.0	83.7	54.3	69.0	65.7
Overland	86	2	27	60.4	13.6	61.1	68.3	57.6	63.0	62.3
SY Monument	98	2	30	61.4	12.0	--	85.4	84.1	84.7	--
CDC Chase	94	3	33	61.5	12.8	--	82.1	84.6	83.3	--
Loma	86	5	26	60.0	14.7	--	95.2	62.8	79.0	--
Ruth	98	2	31	62.4	13.7	--	75.8	78.1	76.9	--
WB4614	96	4	28	61.2	13.6	--	73.9	72.0	73.0	--
Northern	83	4	27	60.7	13.4	--	84.6	54.6	69.6	--
SY Sunrise	95	1	27	62.3	12.9	--	68.2	55.0	61.6	--
Keldin	98	4	31	61.7	12.1	--	--	79.7	--	--
Oahe	96	1	34	61.8	12.7	--	--	77.3	--	--
Overland-FHB1	98	2	32	61.4	13.5	--	--	60.3	--	--
Trial Mean	94	3	29	61.2	13.1	64.7	77.9	68.7	--	--
C.V. %	8.3	30	4.9	0.7	5.4	11.6	5.3	7.9	--	--
LSD 5%	NS	1	2	0.7	1.2	8.5	5.9	8.9	--	--
LSD 10%	NS	1	2	0.6	1.0	7.1	4.9	7.4	--	--

Planting Date: September 20, 2016

Harvest Date: July 24, 2017

Seeding Rate: 1.3 million live seeds / acre

Previous Crop: 2013 = prevent plant, 2015 = spring wheat, 2016 = canola

Tillage: Transitional No-till (2nd year)

Soil Type: Williams loam