

**2020 Hard Red Winter Wheat Variety Trial at Minot**

Variety	Spring	Heading	Plant	Lodging	Test	Grain	Grain Yield				
	Stand	Date	Height				Weight	Protein	2018	2019	2020
	%	June	inches	0 - 9*	lbs/bu	%	bushels per acre				
Peregrine	99	14	33	1	63.1	12.2	35.4	60.6	81.3	71.0	59.1
Ideal	99	12	30	1	62.9	12.7	31.8	61.5	83.1	72.3	58.8
Keldin	99	13	29	1	62.9	12.8	26.4	61.4	88.1	74.8	58.6
SY Monument	99	11	29	0	59.6	12.4	30.4	65.6	77.6	71.6	57.9
Thompson	99	10	33	0	62.9	12.8	33.1	57.7	81.7	69.7	57.5
Oahe	99	10	31	2	63.5	13.0	31.5	66.1	72.8	69.5	56.8
AC Emerson	99	12	31	0	62.6	13.9	25.0	56.0	76.6	66.3	52.5
Jerry	99	11	30	2	62.1	13.4	25.7	54.3	72.9	63.6	51.0
Northern	99	13	28	1	63.8	13.1	21.6	52.5	70.0	61.2	48.0
SY Wolf	99	11	27	0	64.1	12.6	21.6	49.0	72.6	60.8	47.7
Decade-Fhb1	99	8	27	0	62.2	13.5	28.9	46.6	67.3	57.0	47.6
WB4462	99	6	29	2	61.7	12.3	18.2	49.0	74.3	61.7	47.2
SY Sunrise	99	9	26	1	62.4	11.5	18.8	45.3	68.3	56.8	44.1
ND Noreen	99	11	32	1	64.8	13.8	--	61.8	79.5	70.7	--
WB4595	99	12	28	1	66.1	11.5	--	65.1	74.9	70.0	--
TCG Boomlock	99	11	29	2	64.1	13.6	--	52.3	76.9	64.6	--
SY Wolverine	98	7	24	0	65.0	13.0	--	46.5	70.2	58.4	--
AAC Wildfire	99	15	31	0	62.6	13.2	--	--	82.9	--	--
CP7017AX	99	7	25	2	61.6	11.5	--	--	76.7	--	--
CP7050AX	98	6	26	2	62.8	13.2	--	--	62.8	--	--
CP7909	99	5	26	2	61.5	12.2	--	--	56.3	--	--
Trial Mean	99	10	29	1	62.8	12.7	26.7	54.6	74.8	--	--
C.V. %	0.8	11.1	5.5	81	1.4	3.4	22.0	9.1	10.2	--	--
LSD 0.05	NS	2	3	1	1.4	0.7	9.6	8.1	12.6	--	--
LSD 0.10	NS	2	2	1	1.2	0.6	8.0	6.8	10.5	--	--

\*Lodging: 0 = none, 9 = lying flat on the ground.

NS = no statistical difference between varieties.

Planting Date: September 17, 2019

Harvest Date: July 31, 2020

Seeding Rate: 1.3 million live seeds / acre

Previous Crop: 2017 = spring wheat, 2018 and 2019 = soy

Tillage: No-till

Soil Type: Williams loam

Note: The 2018 trial sustained dry growing conditions resulting in relatively low yields.