

2018 Hard Red Winter Wheat Variety Trial at Minot

Variety	Spring	Heading	Plant	Test	Grain	Grain Yield				
	Stand	Date	Height	Weight	Protein	2016	2017	2018	2 yr avg	3 yr avg
	%	June	inches	lbs/bu	%	bushels per acre				
Peregrine	99	11	26	57.6	12.9	83.5	89.8	35.4	62.6	69.6
SY Monument	99	7	18	56.9	13.1	85.4	84.1	30.4	57.3	66.6
CDC Chase	99	10	21	59.0	14.0	82.1	84.6	27.9	56.2	64.9
Ideal	98	8	19	57.0	13.6	84.0	74.9	31.8	53.4	63.6
SY Wolf	96	7	20	57.1	13.5	77.1	87.3	21.6	54.4	62.0
WB Matlock	99	9	20	57.2	14.1	85.7	67.7	24.8	46.2	59.4
Lyman	99	8	21	57.5	13.5	81.5	64.2	31.3	47.7	59.0
Loma	99	11	18	51.6	14.9	95.2	62.8	18.1	40.4	58.7
Accipiter	99	11	20	57.9	12.9	79.2	67.0	29.2	48.1	58.5
Decade	99	7	19	58.2	15.3	82.0	59.7	30.5	45.1	57.4
AC Broadview	98	8	19	57.1	14.2	85.6	59.8	25.8	42.8	57.1
Redfield	99	6	18	57.8	14.2	75.0	64.6	30.8	47.7	56.8
Jerry	99	10	20	55.7	14.2	84.9	57.9	25.7	41.8	56.2
Moats	98	12	20	54.8	13.9	79.3	63.6	24.7	44.2	55.9
AC Gateway	99	9	19	57.6	16.2	83.7	54.3	29.6	42.0	55.9
AC Emerson	99	9	20	55.1	15.2	82.2	53.9	25.0	39.4	53.7
Northern	99	11	19	53.8	13.9	84.6	54.6	21.6	38.1	53.6
Overland	99	7	19	57.3	13.6	68.3	57.6	22.4	40.0	49.4
SY Sunrise	99	7	16	60.0	13.4	68.2	55.0	18.8	36.9	47.3
Oahe	98	7	19	58.2	13.9		77.3	31.5	54.4	
Keldin	98	10	20	56.9	13.9		79.7	26.4	53.0	
Overland-Fhb1	99	5	19	58.4	14.1		60.3	28.9	44.6	
Thompson	99	8	20	57.1	13.9			33.1		
AAC Goldrush	99	12	22	56.9	14.3			31.4		
AAC Wildfire	98	13	20	53.8	14.8			25.4		
WB4462	96	5	17	56.9	14.1			18.2		
Trial Mean	98	9	29	56.8	14.1	77.9	68.7	26.7	--	--
C.V. %	0.9	15	6.9	2.6	3.8	5.3	7.9	22.0	--	--
LSD 0.05	1	2	2	2.4	0.9	5.9	8.9	9.6	--	--
LSD 0.10	1	2	2	2.0	0.7	4.9	7.4	8.0	--	--

Planting Date: September 22, 2017

Harvest Date: July 25, 2018

Seeding Rate: 1.3 million live seeds / acre

Previous Crop: 2015 = spring wheat, 2016 = canola, 2017 = spring wheat

Tillage: Minimum Till

Soil Type: Williams loam

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