

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Winter Wheat Variety Trial

WREC, Williston, ND 2020

Variety	Height (in)	Days to Heading (Julian)	Protein (%)	Winter Survival (%)	Test Weight (lb/bu)	Yield		
						2020 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
Peregrine	25	158	13.1	80	55.9	39.5	51.5	51.3
WB-4595	22	158	13.6	55	59.9	40.5	51.1	51.1
Northern	21	158	13.4	80	57.8	46.2	52.6	50.7
Oahe	23	155	12.1	95	57.6	50.4	53.8	50.3
Ideal	22	157	11.7	90	57.4	38.4	51.1	49.9
SY Monument	24	155	11.5	95	56.6	45.3	51.4	49.8
Jerry	24	157	13.7	80	58.9	43.9	50.5	49.8
Keldin	24	159	14.6	50	58.1	38.8	49.1	49.0
Thompson	23	156	12.6	85	57.0	40.7	48.8	48.3
SY Wolf	21	155	13.3	70	58.3	41.5	49.4	47.9
AC Emerson	23	157	15.1	80	56.7	39.8	47.7	45.8
Ray	28	N/A	14.6	N/A	58.3	54.3	54.1	-
WB-4462	22	153	12.6	60	56.7	44.8	49.5	-
TCG-Boomlock	22	158	13.4	50	57.3	45.8	45.1	-
ND Noreen	21	153	13.8	80	57.9	40.1	50.0	-
MT1683	26	158	13.1	55	57.0	52.3	-	-
17NORD-96	21	159	11.9	70	57.2	49.6	-	-
NE14696	25	158	13.6	70	57.2	47.5	-	-
AAC-Wildfire	23	159	13.8	90	55.7	46.9	-	-
SY Wolverine	19	153	12.5	70	58.4	44.5	-	-
NW13493	21	154	12.5	80	56.6	43.6	-	-
MT1793	19	155	14.1	85	56.8	43.5	-	-
CP7017AX	22	153	12.0	65	57.3	40.9	-	-
SY Sunrise	17	155	12.6	70	58.0	40.2	-	-
CP7050AX	21	150	13.6	85	59.6	38.3	-	-
CP7909	19	150	12.8	75	58.2	36.2	-	-
Mean	22	155	13.1	76	57.5	44.9	-	-
CV (%)	5.7	0.8	5.6	17.0	0.7	8.9	-	-
LSD (5%)	2.1	2.0	1.2	21.4	0.7	6.6	-	-
LSD (10%)	1.7	1.6	1.0	17.8	0.6	5.5	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Previous Crop: soybeans

Planting Date: 9/24/2019

Harvest Date: 7/22/2020

Soil test to 6" in ppm: P=35 ppm K= 277 ppr OM=1.9% pH=5.4

Soil type: Williams-Bowbells loam

Soil test to 24" in lb/a: N=12 lb/a

Applied fertilizers in lb/a: N=42; P=20; K=0; S = 0.5

Herbicide Application: Supremacy at 6 oz/a; Tacoma at 10 oz/a (5/22/2020)