

Winter Wheat Dryland Variety Trial - NDSU

WREC, Williston, ND 2019

Variety	Plant height	Days to heading	Protein [†]	Winter Survival	Test weight	Yield [#]		
						2019	2-Yr Avg	3-Yr Avg
	(in)	(julian)	(%)	(%)	(lb/bu)	------(bu/a)-----		
Peregrine	21.3	162.7	16.0	73.3	60.8	63.4	54.8	54.8
Ideal	23.1	163.7	16.0	61.7	60.3	63.7	52.2	52.2
Jerry	22.0	163.7	16.6	66.7	59.8	57.2	49.5	49.5
Loma	22.3	166.0	15.9	61.7	60.4	63.5	48.4	48.4
SY Monument	19.3	160.7	16.8	76.7	60.4	57.6	48.1	48.1
Northern	19.4	163.3	16.8	68.3	60.8	59.0	46.1	46.1
AC Emerson	26.9	163.7	16.5	68.3	61.3	55.6	45.5	45.5
Keldin	20.7	161.0	16.1	71.7	61.4	59.3	44.9	44.9
SY Wolf	20.7	161.0	17.7	70.0	61.7	57.3	39.4	39.4
Oahe	20.3	161.3	17.3	70.0	61.0	57.3	39.3	39.3
Overland-Fhb1	21.5	160.0	18.6	73.3	59.0	50.0	37.4	37.4
Thompson	20.9	161.0	17.7	74.2	60.1	56.9	52.1	-
NHH1444913-3	20.1	159.7	18.5	68.3	59.1	49.8	46.7	-
WB4595	22.8	162.7	16.7	68.3	62.7	61.6	-	-
14Nord-01	21.9	162.3	16.3	70.0	61.2	59.9	-	-
Ray	24.3	165.0	16.0	76.7	59.6	53.8	-	-
WB4462	23.2	159.0	16.7	70.0	61.1	54.2	-	-
Decade-Fhb1	20.1	160.5	18.6	70.0	60.8	53.0	-	-
TCG-Boomlock	17.1	161.3	18.5	46.7	60.7	44.5	-	-
Mean	21.5	162.0	17.0	69.4	60.7	57.5	-	-
CV (%)	8.2	0.8	6.9	10.7	0.9	8.7	-	-
LSD (5%)	2.9	2.1	1.9	12.3	0.9	8.3	-	-
LSD (10%)	2.4	1.7	1.6	10.2	0.8	6.9	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft.

Previous crop: soybeans

Planted: 09/26/2018

Harvested: 8/14/2019

Soil test to 6" in ppm: P=23 ppm K=369 ppm OM=2.8% pH=5.1

Soil type: Williams-Bowbells loam.

Soil test to 24" in lb/a: N=96 lb/a

Applied fertilizers in lb/a: N=7.2; P=24; K=0; S=6; Zn=0.6 (60 lbs. of MESZ with seed)

[†]Protein adjusted to 12% moisture.

[#]Yield reported on a 13.5% moisture basis.

¹DAP = Days after planting.

Herbicide Application: Goldsky @ 1 pt/a (5/19/2019)