

Winter Wheat Dryland Variety Trial - NDSU

WREC, Williston, ND 2018

Variety	Plant height (in)	Days to heading (julian)	Protein [†] (%)	Test weight ‡ (lb/bu)	Yield#		
					2018 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg (bu/a)
Peregrine	25.5	158	13.8	59.5	51.0	50.4	49.8
WB Matlock	24.9	157	14.8	58.6	47.2	50.9	48.0
AC Broadview	22.6	157	13.2	57.8	51.0	49.2	47.2
Redfield	21.1	155	14.3	58.2	46.9	46.7	46.5
Decade	23.1	155	15.1	57.5	42.8	43.6	45.8
SY Monument	22.2	156	13.2	56.3	46.6	43.3	45.6
Moats	27.8	158	14.7	59.4	47.2	45.9	45.2
Jerry	23.1	157	14.5	57.7	48.3	45.7	44.7
Ideal	23.9	156	13.2	58.2	47.7	46.4	44.3
Accipiter	22.8	158	14.0	58.2	50.1	43.9	43.7
CDC Chase	26.0	157	14.8	58.9	44.9	42.3	43.4
AC Gateway	22.2	156	15.1	59.3	46.5	44.2	42.7
Lyman	23.1	154	14.5	57.6	46.7	40.2	42.2
SY Sunrise	19.3	153	13.0	57.6	48.5	40.7	41.6
Overland	23.6	154	14.1	58.1	45.7	39.7	41.6
Northern	21.5	158	14.7	57.9	46.8	39.6	40.6
AC Emerson	24.0	158	16.4	59.0	42.0	40.5	39.6
Keldin	22.8	157	12.9	58.5	49.0	37.6	39.1
SY Wolf	21.3	155	14.6	58.8	44.8	30.4	37.2
Oahe	24.8	156	13.9	58.6	43.3	30.2	30.2
Overland-Fhb1	24.4	154	14.3	58.2	44.6	31.0	-
Loma	19.7	159	14.4	57.5	48.0	40.9	-
AAC Wildfire	21.5	160	14.9	58.7	49.6	-	-
AAC Goldrush	25.2	158	14.9	58.8	49.0	-	-
Thompson	23.5	155	13.9	58.4	47.3	-	-
NHH1444913-3	23.8	154	14.0	56.6	43.6	-	-
Mean	25.5	158.0	13.8	59.5	51.0	-	-
CV (%)	6.3	0.6	2.3	0.6	5.4	-	-
LSD (5%)	2.4	1.6	0.5	0.6	4.1	-	-
LSD (10%)	2.0	1.4	0.4	0.5	3.4	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft Previous crop: Oat/Pea

Planted: 9-13-2017

Harvested: 07-23-2018

Soil test (0-6"): P=27 ppm; K=226 ppm; pH=6.6; OM=2.5%
(0-24"): NO₃-N=24 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=76; P₂O₅=26; K₂O=0

[†]Protein adjusted to 12% moisture

[‡]Test weight reported on a 13.5% moisture basis

[#]Yield reported on a 13.5% moisture basis

Chemical Applications: Goldsky @ 1.0 pt/a (5-16-18)