

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Winter Wheat Dryland Varietal Trial - NDSU[†]: Williston, ND

2015

Cultivar	Origin	Year of release	Yield	Test weight	Winter survival	Protein [‡]
			(bu/a)	(lb/bu)	(%)	(%)
Jerry	North Dakota	2001	55.4	59.9	95.0	13.0
Broadview	Alberta/Meridian Seeds	2009	54.5	59.9	93.3	11.3
Northern	Montana	2015	52.6	60.3	85.0	13.6
WB4616	WestBred	2013	52.4	60.5	90.0	13.3
WB-Matlock	WestBred	2010	52.1	61.0	85.5	13.5
Colter	Montana	2013	50.5	58.3	88.3	12.9
Accipiter	Saskatchewan	2008	50.4	60.0	87.5	12.6
Lyman	South Dakota	2008	49.8	60.7	78.8	14.1
CDC Falcon	Sask/WestBred	1999	49.3	59.7	85.8	12.5
Decade	Montana/North Dakota	2010	47.6	61.9	86.0	13.4
Emerson	Alberta	2012	47.3	60.3	87.5	15.1
CDC Chase	Saskatchewan	2013	46.5	60.8	91.3	11.6
Redfield	South Dakota	2013	46.5	61.1	82.5	13.3
Moats	Saskatchewan	2010	46.0	59.7	85.0	14.1
Ideal	South Dakota	2011	46.0	61.3	65.0	12.9
Peregrine	Saskatchewan	2008	45.9	59.8	85.0	12.3
Overland	Nebraska	2007	45.7	61.0	91.3	12.5
AAC Gateway	Alberta	2012	43.5	60.7	85.0	13.1
SY Wolf	AgriPro	2010	38.5	61.5	57.5	12.9
Flourish	Alberta	2011	32.6	59.5	30.0	13.6
Mean			47.6	60.4	81.8	13.1
CV (%)			12.6	1.1	13.9	5.3
LSD (5%)			8.3	0.9	15.7	1.0
LSD (10%)			7.0	0.8	13.2	0.8

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

Previous crop: Green Peas

Planted: 09-18-2014

Harvested: 07-24-2015

Applied fertilizers in lb/a: N = 8; P₂O₅ = 36

Soil type: Williams-Bowbells loam

Soil test (0-6"): NO₃-N= 15 lb/a; P= 24 ppm; K= 335 ppm; pH=6.4; OM= 1.8 %

[‡]Reported on a 12% moisture basis

(6-24"): NO₃-N= 60 lb/a

[†]NDSU = North Dakota State University