

**NDSU Langdon Research Extension Center
2017 Variety Trial Data**

Hard Red Winter Wheat

Langdon

Variety	Winter Survival	Days to Head	Plant Height	Lodging	Test Weight	Protein	Grain Yield			Average Yield	
							2015	2016	2017	2 year	3 year
Jerry	97	165	42	0	46.7	12.9	75.5	64.7	16.6	40.7	52.3
Decade	100	163	37	0	45.5	12.2	84.4	73.5	27.9	50.7	61.9
Lyman	89	162	40	0	47.3	12.7	84.2	80.6	35.0	57.8	66.6
Ideal	100	164	39	0.3	44.3	12.4	80.1	74.2	16.3	45.3	56.9
Overland	100	163	43	0	51.1	11.5	89.8	87.5	44.1	65.8	73.8
SY Wolf	95	163	39	0	53.3	12.5	83.7	92.0	66.9	79.5	80.9
WB Matlock	99	166	40	0	47.3	12.9	69.8	73.3	19.7	46.5	54.3
Peregrine	100	165	45	0	57.0	10.8	78.2	81.0	79.5	80.3	79.6
Accipiter	97	166	40	0	51.8	11.2	72.9	75.1	42.7	58.9	63.6
Moats	99	164	43	0	60.6	12.3	77.1	82.7	96.3	89.5	85.4
Flourish	98	163	38	0	54.9	11.5	74.7	89.9	74.5	82.2	79.7
AC Broadview	97	163	39	0	43.9	11.6	76.2	86.5	25.2	55.9	62.6
AC Emerson	99	164	40	0	60.2	11.9	85.0	85.8	89.8	87.8	86.9
AC Gateway	99	164	39	0	53.6	12.3	78.8	88.4	59.1	73.8	73.8
CDC Chase	99	164	44	0	60.3	12.1	85.2	89.9	96.1	93.0	93.0
Redfield	98	162	38	0.8	50.7	12.2	79.2	84.0	53.1	68.6	68.6
Ruth	99	162	40	0	56.1	11.2	--	81.2	85.4	85.4	--
WB4614	99	164	38	0	54.7	12.5	--	87.9	57.4	57.4	--
SY Monument	94	163	38	0	54.4	12.1	--	98.3	80.7	80.7	--
SY Sunrise	93	163	34	0	56.6	11.6	--	99.9	86.2	86.2	--
Northern	100	164	40	0	55.0	11.6	--	92.5	83.0	87.8	--
Loma	91	166	37	0	53.7	11.9	--	75.6	72.3	72.3	--
Oahe	99	162	42	0.3	60.7	11.3	--	--	105.1	--	--
Keldin	98	163	40	0	56.8	11.2	--	--	83.9	--	--
Trial Mean	97.3	164	40	0	53.3	11.9	79.6	80.1	62.6	--	--
C.V. %	6.3	0.5	3.9	672.4	2.7	3.2	7.2	8.6	9.8	--	--
LSD 5%	NS	1.3	2.2	NS	2.0	0.5	8.1	11.3	8.7	--	--
LSD 10%	NS	1.1	1.8	NS	1.7	0.4	6.7	9.5	7.2	--	--

Planting Date: September 15, 2016

Harvest Date: August 8

Fungicides were used in 2015 but not 2016-2017.

Severe stripe rust infections resulted in reduced yields in susceptible varieties.

Disease data not yet available.