

NDSU Langdon Research Extension Center
2023 Variety Trial Data

Hard Red Winter Wheat	Langdon
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Variety	Days to Head	Plant Height	Test Weight	Protein	Grain Yield			2-yr Avg.	3-yr Avg.
					2020	2022	2023		
	Julian	in	lbs/bu	%	-----bu/a-----				
Jerry	159.9	24.6	62.8	13.3	44.4	81.1	62.7	71.9	62.7
ND Noreen	160.7	25.2	64.5	14.1	48.0	84.9	62.0	73.4	65.0
Northern	160.7	22.7	63.8	13.6	42.6	61.8	68.8	65.3	57.7
MT1745	160.8	23.0	63.4	12.6	--	77.2	57.7	67.5	--
SD Andes	160.1	23.3	64.4	12.9	--	86.8	65.9	76.4	--
SD Midland	159.1	23.7	64.1	12.5	--	79.0	68.5	73.8	--
Winner	156.8	22.3	63.4	13.2	--	81.5	57.8	69.7	--
AAC Wildfire	163.9	22.6	63.8	12.4	45.4	70.4	66.1	68.3	60.6
AAC Vortex	160.2	22.5	63.3	14.0	--	90.9	61.4	76.1	--
Goldrush	162.6	25.1	63.4	13.4	--	--	65.5	--	--
AC Emerson	162.7	23.7	63.3	14.4	40.8	71.3	51.0	61.2	54.4
MS Sundown	155.0	20.8	63.0	13.2	--	--	55.0	--	--
MS Maverick	159.4	21.4	63.7	13.9	--	67.1	57.9	62.5	--
AP Bigfoot	158.2	19.0	63.6	13.5	--	60.7	47.6	54.1	--
SY Monument	159.1	20.9	62.7	12.6	35.8	60.6	59.7	60.2	52.0
SY Wolverine	156.9	19.4	63.3	14.2	38.9	50.1	48.4	49.3	45.8
Keldin	162.1	24.0	64.0	12.9	36.3	61.7	70.7	66.2	56.2
WB4309	157.6	21.2	63.4	14.2	--	69.1	54.5	61.8	--
Trial Mean	159.8	22.6	63.5	13.3	38.7	71.2	61.1	--	--
C.V. %	0.4	5.5	0.4	1.9	12.4	9.5	6.5	--	--
LSD 5%	1.0	1.8	0.4	0.4	6.8	6.3	5.6	--	--
LSD 10%	0.8	1.5	0.3	0.3	5.7	5.2	4.7	--	--

Planting Date: September 20, 2022

Harvest Date: August 9, 2023

Soil Type: Svea-Barnes loam

Previous Crop: Soybean

Trial was lost to winterkill in 2021

Winter survival was 100% for all varieties in 2023

No Lodging in trial