

NDSU Langdon Research Extension Center
2022 Variety Trial Data

Hard Red Winter Wheat	Langdon
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Variety	Winter Survival	Days to Head	Plant Height	Test Weight	Protein	Grain Yield			2-yr Avg.	3-yr Avg.
						2019	2020	2022		
	%	Julian	in	lbs/bu	%	-----bu/a-----				
AAC Vortex	98	173	32	61.6	13.0	--	--	90.9	--	--
AAC-Wildfire	93	177	33	57.4	13.5	--	45.4	70.4	57.9	--
AC Emerson	94	174	32	61.1	13.4	87.3	40.8	71.3	56.1	66.5
AP Bigfoot	79	170	26	59.8	12.4	--	--	60.7	--	--
Draper	78	171	28	60.4	12.6	--	--	72.1	--	--
Jerry	99	174	33	60.8	12.8	84.3	44.4	81.1	62.8	69.9
Keldin	90	175	29	58.4	13.0	89.2	36.3	61.7	49.0	62.4
MS Iceman	64	172	25	59.6	14.9	--	--	43.9	--	--
MS Maverick	89	173	24	60.8	12.9	--	--	67.1	--	--
ND Noreen	100	174	33	62.8	13.0	87.4	48.0	84.9	66.4	73.4
Northern	79	175	29	57.9	13.3	90.1	42.6	61.8	52.2	64.8
Ray	77	177	34	54.1	13.1	--	--	63.2	--	--
SD Andes	99	173	31	61.2	12.3	--	--	86.8	--	--
SD Midland	93	173	31	61.2	12.6	--	--	79.0	--	--
SY Monument	94	174	28	56.4	12.8	85.4	35.8	60.6	48.2	60.6
SY Wolverine	74	169	24	58.5	13.2	85.2	38.9	50.1	44.5	58.1
WB4309	93	172	27	60.0	13.8	--	--	69.1	--	--
WB4510CLP	84	174	30	60.9	12.7	--	--	58.5	--	--
Winner	98	170	29	61.9	12.4	--	--	81.5	--	--
Trial Mean	90.3	173.2	29.4	59.7	12.9	84.4	38.7	69.2	--	--
C.V. %	15.8	0.3	3.3	1.3	2.7	3.6	12.4	9.5	--	--
LSD 5%	20.2	0.5	0.9	0.7	0.5	4.3	6.8	6.3	--	--
LSD 10%	16.8	0.4	0.7	0.6	0.4	3.6	5.7	5.2	--	--

Planting Date: September 10, 2021

Harvest Date: August 17, 2022

Soil Type: Svea-Barnes loam

Previous Crop: Wheat

Trial was lost to winterkill in 2021