

NDSU Langdon Research Extension Center
2023 Variety Trial Data

Barley - 2023	Langdon
----------------------	----------------

Variety	Days to Head	Plant Height	Test Weight	Plump %	Protein %	Grain Yield				
						2021	2022	2023	2-yr Avg.	3-yr Avg.
						-----bu/a-----				
Two Row										
AAC Connect	52	32	50.9	98	12.8	89.5	100.1	109.1	104.6	99.6
AAC Synergy	51	33	51.2	99	12.9	92.2	105.2	113.0	109.1	103.5
ABI Cardinal	52	30	50.3	98	12.2	82.7	103.3	109.4	106.4	98.5
Brewski	53	32	50.6	99	11.8	90.9	108.6	108.1	108.4	102.5
CDC Fraser	53	30	48.9	98	13.2	81.5	105.2	113.4	109.3	100.0
CDC Prairie	51	33	50.4	96	13.1	--	--	116.6	--	--
Conlon	42	31	51.6	99	12.6	57.4	100.0	107.1	103.6	88.2
Explorer	51	25	49.9	99	12.1	80.3	105.6	102.2	103.9	96.0
ND Genesis	51	34	51.2	100	11.3	91.0	100.4	117.1	108.7	102.8
Pinnacle	50	31	51.7	100	11.2	84.3	98.5	109.1	103.8	97.3
Six Row										
ND Treasure	45	31	46.6	94	11.7	82.6	112.0	113.0	112.5	102.5
Tradition	46	33	48.5	97	12.0	79.3	98.5	110.6	104.5	96.1
Lacey	44	34	49.2	97	12.4	--	98.0	110.1	104.1	--
Trial Mean	49	31	49.8	98	12.1	84.6	107.0	112.2	--	--
C.V. %	2.9	5.4	1.0	1.0	4.9	9.9	5.0	6.8	--	--
LSD 5%	2.0	2.4	0.7	1.4	0.9	9.9	7.6	11.0	--	--
LSD 10%	1.7	2.0	0.7	1.1	0.7	7.7	6.3	9.1	--	--

Planting Date: May 22

Harvest Date: August 29

Previous Crop: Soybeans

Soil Type: Svea-Barnes loam