

**NDSU Langdon Research Extension Center
2012 Variety Trial Data**

Oat - 2012 **Langdon**

Variety	Days to Head	Plant Height	Lodging	Test Weight	Crown Rust	Protein	Grain Yield			Average Yield	
							2010	2011	2012	2 year	3 year
		in	0-9	lbs/bu	0-100%	%	-----bu/a-----				
Beach	63	45	0.0	39.9	0.5	15.2	173.7	147.3	173.4	160.4	164.8
Buff	60	38	0.0	45.4	1.5	18.4	132.3	103.6	108.4	106.0	114.8
CDC Dancer	65	44	0.0	39.7	2.5	13.7	187.9	152.2	165.8	159.0	168.6
Furlong	65	41	1.2	38.2	3.5	16.0	157.3	141.0	158.2	149.6	152.2
Hyttest	62	42	3.4	41.6	0.5	17.8	140.6	122.8	140.0	131.4	134.5
HiFi	64	42	1.7	39.2	0	15.3	204.1	177.4	169.8	173.6	183.8
Jury	62	42	4.2	39.7	0	15.5	210.4	160.6	161.6	161.1	177.5
Killdeer	63	38	2.0	37.1	5.5	14.4	172.0	158.2	169.2	163.7	166.5
Leggett	65	40	0.5	38.6	0	16.4	212.4	185.0	154.3	169.6	183.9
Minstrel CDC	63	39	0.4	35.2	13.5	12.6	157.1	154.4	169.0	161.7	160.2
Morton	63	45	0.0	39.8	0	16.4	143.2	129.6	149.2	139.4	140.7
Otana	64	43	5.9	37.5	25	14.8	123.3	112.1	143.7	127.9	126.4
Newburg	63	44	2.6	38.2	0	14.9	216.2	177.1	168.0	172.5	187.1
AC Pinnacle	65	42	2.0	36.5	1	13.7	175.2	184.5	172.8	178.7	177.5
Rockford	64	43	0.2	40.6	0	16.4	191.5	180.1	165.9	173.0	179.2
Shelby427	60	40	0.9	39.7	0	16.0	167.7	152.4	142.8	147.6	154.3
Souris	64	39	0.0	38.7	0	14.8	197.1	161.6	166.5	164.0	175.1
Stallion	62	43	5.9	38.7	0	16.2	175.6	156.6	154.2	155.4	162.1
Stark	66	44	0.3	43.8	0	17.4	136.5	138.9	130.2	134.6	135.2
Horsepower	61	38	0.1	39.5	0	15.2	--	--	159.5	--	--
Trial Mean	64	42	1.4	39.4	1.5	15.5	173.1	155.9	157.7	--	--
C.V. %	0.7	3.5	128.9	1.6	270.9	2.5	7.4	6.1	4.6	--	--
LSD 10%	0.6	1.8	2.2	0.7	8.2	0.5	--	--	8.5	--	--
LSD 5%	0.7	2.1	2.6	0.9	11	0.5	18.1	13.4	10.1	--	--

Planting Date: April 25

Harvest Date: August 13