

**NDSU Langdon Research Extension Center**  
**2015 Variety Trial Data**

**Oat - 2015** **Langdon**

Variety	Days to Head	Plant Height	Lodging	Test Weight	Crown Rust	Protein	Grain Yield			Average Yield	
							2013	2014	2015	2 year	3 year
		in	0-9	lbs/bu	%	%	-----bu/a-----				
AC Pinnacle	66	48	1.5	36.9	9	8.1	235.3	180.2	177.4	178.8	197.6
Beach	63	51	0.4	40.8	2	10.6	204.3	138.4	174.2	156.3	172.3
CDC Dancer	64	48	1.3	39.4	5	8.1	228.9	174.9	176.3	175.6	193.4
CDC Minstrel	64	45	0.3	34.9	15	7.0	231.7	177.6	159.7	168.6	189.7
Deon	65	48	0.6	39.2	0	11.8	--	163.4	186.2	174.8	--
Furlong	64	47	0.9	38.7	5	9.9	217.6	186.0	157.4	171.7	187.0
Goliath	65	52	0.3	40.4	2	10.9	211.5	164.7	171.1	167.9	182.4
HiFi	64	47	2.6	37.2	7	9.5	216.0	170.6	159.3	165.0	182.0
Horsepower	61	41	0.0	38.3	20	9.3	170.7	160.2	134.6	147.4	155.2
Hystest	63	50	4.7	41.8	3	13.2	176.3	126.5	139.4	132.9	147.4
Jury	63	51	2.3	38.7	7	9.9	225.3	165.9	151.3	158.6	180.8
Killdeer	62	44	2.6	37.7	3	9.3	207.5	178.2	161.2	169.7	182.3
Leggett	64	48	3.0	39.3	0	11.7	220.6	164.6	190.0	177.3	191.7
Newburg	63	50	3.2	37.8	15	9.1	227.6	175.9	161.8	168.8	188.4
Otana	64	50	4.1	34.8	15	9.7	188.0	144.3	135.4	139.9	155.9
Paul <sup>2</sup>	65	49	1.0	45.1	1	15.1	--	133.5	127.4	130.4	--
Rockford	64	48	2.0	38.4	6	10.2	210.9	151.5	148.7	150.1	170.4
Souris	64	45	0.9	36.6	30	8.6	202.1	183.5	137.8	160.6	174.5
Stallion	64	48	1.7	41.2	1	12.6	193.6	157.2	160.2	158.7	170.3
Trial Mean	64	48	1.8	38.8	9	--	209.5	162.8	157.6	--	--
C.V. %	1.1	3.2	81.7	2.0	77.7	--	4.9	6.8	7.6	--	--
LSD 5%	1.0	2.2	2.1	1.1	13.8	--	14.3	15.5	16.9	--	--
LSD 10%	0.9	1.8	1.8	0.9	11.5	--	12.0	13.0	14.2	--	--

Planting Date: April 29

Harvest Date: August 18

<sup>2</sup> Hull-less variety. When comparing yield of hull-less oat varieties with varieties with hulls, multiply the yield of the hull-less oat by 1.35 (the hull of a hulled kernel comprises 35 percent of the weight).