

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Oat - Dryland	Carrington
----------------------	-------------------

Variety	Callisto	Late Plant	Days to	Plant	Plant	Protein	Test	----- Grain Yield -----	
	Phyto ¹	Disease ²	Head	Height	Lodge	Content	Weight	2019	3-yr.
	%	%		inch	0 to 9	%	lb/bu	-----	bu/ac -----
Beach	6.7	3.3	56.5	38.3	6.8	14.2	34.6	114.0	110.6
CS Camden	5.0	0.5	58.3	37.9	6.8	13.1	30.5	142.0	130.4
CDC Dancer	3.8	21.0	58.0	39.0	7.3	12.1	33.7	126.6	128.6
Deon	22.5	0.3	60.5	40.6	8.0	13.4	32.9	130.6	129.1
Hayden	10.0	9.0	56.5	39.2	7.3	11.6	35.6	133.9	126.1
HiFi	3.8	14.8	57.5	36.8	8.3	12.4	31.0	100.1	108.3
Hyttest	11.3	11.8	56.0	43.0	6.3	15.0	36.3	111.7	117.4
Jury	7.5	18.8	59.3	37.6	8.3	10.9	29.3	111.3	118.6
Killdeer	10.0	20.0	59.3	31.9	8.5	12.4	29.4	111.6	120.0
Legget	8.8	0.0	58.3	33.2	6.3	13.4	33.1	118.5	112.5
Minstrel CDC	11.3	23.8	57.5	37.9	6.0	10.9	28.6	115.8	118.5
Otana	3.8	30.5	58.8	38.7	8.8	12.4	27.5	96.0	113.1
Newburg	5.0	25.0	56.5	41.4	8.3	11.7	30.8	117.6	116.4
AC Pinnacle	6.3	13.0	55.8	42.0	8.8	12.0	32.6	121.6	122.7
Rockford	5.0	18.8	58.5	39.4	7.3	12.2	30.9	107.7	115.9
Souris	5.0	12.3	57.5	36.0	7.5	11.9	31.4	105.4	112.3
Stallion	8.8	1.3	60.0	38.7	7.8	12.8	35.1	126.3	125.5
Warrior	3.8	0.0	56.8	36.2	6.0	13.0	33.2	130.3	--
Paul	13.8	8.0	63.3	40.5	6.3	15.6	38.5	47.9	68.5
MEAN	7.2	9.7	58.3	38.8	6.8	12.6	33.2	115.1	--
C.V. (%)	48.5	81.0	2.8	5.6	14.8	3.7	4.2	9.0	--
LSD 0.10	4.1	9.2	1.9	2.6	1.2	0.5	1.7	12.1	--
LSD 0.05	4.9	11.0	2.3	3.1	1.4	0.7	2.0	14.5	--

Planting Date = May 7 ; Harvest Date = August 19 ; Previous Crop = Forage Barley

* Oat seeding rate used in this trial was 1,000,000 pure live seeds acre⁻¹.

¹ Callisto Phyto: An assessment of crop injury associated with the application of Callisto herbicide at the first leaf stage.

² Late Plant Disease: Represents an assessment of crown rust made on July 26, scored a plot severity.