

NDSU Hettinger Research Extension Center

Oat - 2019	Hettinger, ND
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Variety	Days to	Plant	Plant	Test	----- Grain Yield -----			Average Yield	
	Head	Height	Lodge	Weight	2017	2018	2019	2 yr	3 yr
	DAP ¹	inches	0-9 ²	lbs/bu	----- Bushels per acre -----				
Beach	70	43	7	37.2	50.9	90.9	153.9	122.4	98.6
CS Camden	71	40	3	32.3	73.3	114.1	173.9	144.0	120.4
CDC Dancer	71	43	4	35.7	72.4	98.9	172.9	135.9	114.7
Deon	71	42	6	34.8	70.9	89.8	160.6	125.2	107.1
Hayden	70	43	7	36.7	75.4	105.2	174.1	139.7	118.2
HiFi	71	43	6	35.4	57.5	94.1	161.7	127.9	104.4
Hyttest	69	45	4	38.3	63.5	84.3	146.4	115.4	98.1
Jury	71	42	7	33.9	58.0	92.3	162.2	127.3	104.2
Killdeer	70	37	6	34.2	58.2	108.3	150.5	129.4	105.7
Leggett	71	40	7	35.2	65.6	99.7	160.5	130.1	108.6
CDC Minstrel	70	40	5	33.3	66.6	99.6	183.6	141.6	116.6
Newburg	70	45	7	33.3	57.5	95.6	159.1	127.4	104.1
Otana	71	44	7	35.6	67.2	97.1	159.3	128.2	107.9
AC Pinnacle	70	46	8	34.8	79.5	95.5	142.1	118.8	105.7
Rockford	71	43	4	37.3	76.2	112.3	167.7	140.0	118.7
Souris	70	39	6	35.3	74.2	103.6	152.3	128.0	110.0
Stallion	70	43	7	36.4	58.2	96.5	144.9	120.7	99.9
Warrior	69	41	3	32.3	--	--	168.1	--	--
Paul (hull-less)	75	45	3	40.3	39.3	72.7	105.5	89.1	72.5
Trial Mean	71	43	5	35.3	62.3	97.3	157.6	129.5	107.3
C.V. %	0.6	3.6	18.8	4.3	26.0	6.0	7.3	--	--
LSD 5%	0.9	2.2	1.4	2.1	22.7	8.2	16.2	--	--
LSD 10%	0.7	1.8	1.2	1.8	19.0	6.9	13.5	--	--

¹ Days to Head = the number of days from planting to head emergence from the boot.

² 0 = no lodging, 9 = 100% lodged.

Planting Date: April 25

Harvest Date: August 22