

2019 Oat Variety Trial

North Central Research Extension Center—Minot

Variety	Days to Head <sup>1</sup> DAP	Plant Height inches	Lodging <sup>2</sup> 0-9	Test Weight lb/bu	Grain Yield			Average	
					2017	2018	2019	2 year	3 year
					-----bu/A-----				
Hayden	62	31	0	38.1	151.0	143.7	123.9	133.8	139.5
Beach	63	31	0	39.7	140.1	150.8	118.7	134.8	136.5
AC Pinnacle	65	34	0	37.3	144.7	136.1	128.0	132.1	136.3
CS Camden	64	28	0	34.5	144.0	137.7	126.4	132.1	136.0
Leggett	68	33	0	36.2	132.8	142.1	122.3	132.2	132.4
Stallion	63	29	0	36.6	139.5	130.9	125.7	128.3	132.0
CDC Minstrel	67	32	0	36.2	143.3	120.3	123.8	122.1	129.1
HiFi	63	33	0	36.6	147.7	117.6	117.6	117.6	127.6
Deon	66	32	0	37.3	136.3	125.6	117.9	121.8	126.6
CDC Dancer	63	32	0	36.5	126.6	134.6	115.1	124.8	125.4
Hyttest	62	32	0	37.9	122.9	133.3	119.4	126.3	125.2
Rockford	66	36	0	38.4	119.0	132.4	121.6	127.0	124.3
Killdeer	62	34	0	38.3	130.9	115.3	113.1	114.2	119.8
Souris	64	30	0	38.0	141.4	112.3	102.9	107.6	118.9
Jury	62	31	0	38.2	127.8	111.3	114.5	112.9	117.9
Otana	62	31	0	38.5	136.3	113.4	99.7	106.6	116.5
Newburg	63	32	0	38.6	119.7	92.7	116.5	104.6	109.6
Paul	68	34	0	42.7	99.9	103.3	82.4	92.9	95.2
Warrior	62	29	0	36.5			120.5		
Trial Mean	64	32	0	37.8	139.7	125.4	114.3	--	--
C.V.%	1.1	4.0	0	2.3	7.9	11.9	8.0	--	--
LSD 5%	1	2	NS	1.4	18.0	24.1	14.8	--	--
LSD 10%	1	2	NS	1.2	15.0	20.4	12.4	--	--

<sup>1</sup>DAP = Days after planting.      <sup>2</sup>Lodging: 0 = none, 9 = lying flat on the ground.  
 Planted on April 24 with a seeding rate of 1 million PLS/A and harvested on August 8.  
 Previous Crop: 2016, 2017 & 2018 = soy.  
 Soil Type: Williams Loam  
 Tillage: No-till