

2018 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	
					2016	2017	2018	2 year	3 year
					-----bu/A-----				
Hayden	49	36	0	40.5	160.6	151.0	143.7	147.4	151.8
Beach	50	39	2	41.2	144.4	140.1	150.8	145.5	145.1
AC Pinnacle	52	38	1	39.1	150.9	144.7	136.1	140.4	143.9
Deon	51	38	1	38.7	164.8	136.3	125.6	131.0	142.2
CDC Minstrel	54	38	0	36.6	159.6	143.3	120.3	131.8	141.1
HiFi	49	38	1	38.3	154.2	147.7	117.6	132.7	139.8
Leggett	53	41	0	37.2	136.8	132.8	142.1	137.5	137.2
CDC Dancer	50	35	4	37.7	140.1	126.6	134.6	130.6	133.8
Hyttest	50	37	3	40.2	144.2	122.9	133.3	128.1	133.5
Souris	52	37	1	38.7	145.7	141.4	112.3	126.8	133.1
Stallion	49	35	1	37.8	121.6	139.5	130.9	135.2	130.7
Otana	48	37	4	40.4	136.3	136.3	113.4	124.9	128.7
Rockford	50	44	2	39.3	128.7	119.0	132.4	125.7	126.7
Jury	48	37	2	39.2	136.4	127.8	111.3	119.5	125.2
Killdeer	50	39	1	39.0	129.2	130.9	115.3	123.1	125.1
Newburg	49	36	2	40.7	147.6	119.7	92.7	106.2	120.0
Paul	53	43	2	45.4	102.0	99.9	103.3	101.6	101.7
CS Camden	51	36	0	36.5		144.0	137.7	140.9	
Trial Mean	51	39	1	38.9	145.7	139.7	125.4	--	--
C.V.%	2.0	6.9	90	1.9	8.8	7.9	11.9	--	--
LSD 5%	2	4	2	1.2	21.0	18.0	24.1	--	--
LSD 10%	1	4	2	1.0	17.5	15.0	20.4	--	--

<sup>1</sup> DAP = Days after planting.      <sup>2</sup> Lodging: 0 = none, 9 = lying flat on the ground.  
 Planted on May 4 with a seeding rate of 1 million PLS/A and harvested on August 8.  
 Previous Crop: 2015 = flax, 2016 & 2017 = soy.  
 Soil Type: Williams Loam  
 Tillage: No-till