

**2010 Oat Variety Trial - Continuously Cropped - No-till Mandan**

Cooperator: USDA-ARS NGP Research Center, Mandan

Variety	Plant	Test	----- Grain Yield -----			Average Yield		
	Height	Weight	2008	2009	2010	2 yr	3 yr	
	inches	lbs/bu	----- Bushels per acre -----					
Killdeer	39	35.1	142.1	166.7	142.2	154.4	150.3	
Souris	39	36.0	137.0	159.0	139.7	149.4	145.2	
Maida	45	36.5	119.0	153.8	146.5	150.2	139.8	
Morton	46	36.3	124.6	154.1	133.2	143.6	137.3	
Jerry	42	37.4	127.2	127.5	118.2	122.8	124.3	
Rockford	45	38.4		172.4	142.7	157.6		
Trial Mean	43	36.6	126.2	157.8	137.1	--	--	
C.V. %	2.8	1.2	6.0	4.1	3.1	--	--	
LSD .05	2	0.7	11.3	9.6	6.4	--	--	
LSD .01	3	0.9	15.5	13.2	8.8	--	--	

Planting Date: April 22

Harvest Date: August 16

Seeding Rate: 750,000 live seeds / acre (approx. 1.7 bu/A).

Previous Crop: 2007, 2008 &amp; 2009 = hrsw.