

2009 Oat Variety Trial - Continuously Cropped - No-till Mandan

Cooperator: USDA-ARS NGP Research Center, Mandan

Variety	Plant	Test	----- Grain Yield -----			Average Yield		
	Height	Weight	2007	2008	2009	2 yr	3 yr	
	inches	lbs/bu	----- Bushels per acre -----					
Souris	43	37.8	141.5	137.0	159.0	148.0	145.8	
Killdeer	45	37.3	124.5	142.1	166.7	154.4	144.4	
Maida	49	36.0	136.8	119.0	153.8	136.4	136.5	
Morton	54	37.4	119.9	124.6	154.1	139.4	132.9	
Jerry	49	37.9	111.5	127.2	127.5	127.4	122.1	
Rockford	53	38.3			172.4			
Trial Mean	49	37.7	121.9	126.2	157.8	--	--	
C.V. %	2.9	1.0	6.5	6.0	4.1	--	--	
LSD .05	2	0.6	13.9	11.3	9.6	--	--	
LSD .01	3	0.8	19.3	15.5	13.2	--	--	

Planting Date: May 11, 2009

Harvest Date: September 1, 2009

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

Previous Crop: 2006 = hrww, 2007 & 2008 = hrsw.