

Table 3. Agronomic performance of oat genotypes grown at University of Wyoming, SAREC Research and Extension Center, Lingle, WY under sprinkler irrigation during 2008.

Variety	Grain yield	Test Weight
	bu/acre	lb/bu
Maverick	82.1	33.9
Monida	74.4	30.3
Ajay	71.5	31.4
CDC Pacer	65.6	26.5
Powell	64.4	34.2
Cayuse	60.6	33.1
Rio Grande	59.0	32.7
Monico	53.9	32.1
CDC Dancer	43.5	30.3
Otana	31.9	25.6
Mean	60.7	31.0
LSD_{0.05}	23.8	2.2
CV%	22.9	4.1

NS=non significant

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UW-SAREC (LINGLE): The experiment was located at the University of Wyoming Sustainable Agriculture Research and Extension Center in Lingle, Wyoming during 2008. Fertilizer was applied at the rate of 100 pounds N and 30 pounds P₂O₅ per acre. Ten oat varieties were established in plots 5 by 20 feet using double disk openers set at a row spacing of 9 inches on 21 March. Weeds were controlled by a post application of bromoxynil and MCPA (Bronate Advanced) broadcast at 0.40 and 0.40 pounds active ingredient per acre. Subplots, 5 by 15 feet, were harvested using an Almaco combine on 21 August.