

Table 3. Agronomic performance of spring wheat genotypes grown at University of Wyoming, Sustainable Agriculture Research and Extension Center, Lingle, WY under sprinkler irrigation during 2008.

Variety	Grain yield	Test weight
	bu/acre	lb/bu
Hank	69.6	52.6
McNeal	67.1	52.7
Alzada durum	66.6	55.8
2375	65.4	50.8
Reeder	61.9	55.4
Granite	59.1	53.0
Express	56.3	51.7
Choteau	54.0	42.1
Outlook	53.8	53.8
Westbred 936	52.5	52.9
Mean	60.6	52.1
LSD_{0.05}	NS	2.1
CV%	20.1	2.3

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. The soil was fertilized for a yield goal of 100 bushels of grain per acre. Fertilizer was applied rate of 100 pounds N and 30 pounds P₂O₅ in the form of ammonium nitrate (34-0-0) and diammonium phosphate (11-52-0). Ten wheat 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, were harvested on 21 August, using an Almaco plot combine.