

2005 SPRING OAT VARIETY PERFORMANCE EVALUATION

Table 1. Agronomic performance of oat genotypes grown at University of Wyoming, Powell Research and Extension Center, Powell, WY during 2005.

Variety	Plant height	Heading date	Lodging	Grain yield	Test weight
	inches	Days from Jan. 1	1-9	bu/acre	lb/bu
Powell	37.1	182	3.3	151.5	37.3
99Ab11136	39	185	4.7	150.1	36.4
Maverick (90Ab1322)	37.1	178	2	140.4	40.1
96Ab8796	36.9	180	3	139.4	38.2
99Ab10971	37	180	2	135	40.9
87Ab5632	40.2	177	2.7	134	39.4
95Ab12770	39.5	182	3	128.6	39.6
91Ab502	42.9	182	4.3	128.2	37.9
Rio Grande	39.6	183	2.0	126.8	38.9
98Ab6491	38.7	180	1.3	126	38.1
Monida	42.4	180	3	123.4	37.4
Ajay	43.4	178	4.3	122.3	38.4
97Ab8081	39.1	183	1	117.2	39.9
ND 930122	40.6	181	2.3	114.3	39.4
99Ab11259	37.4	179	1.3	111.5	40
95Ab12584	39.2	179	1	109.7	39.8
Monico (AbSP 9-2)	40.4	177	2.7	109.6	41.2
94Ab5943	37.7	179	1	105.1	37.8
98Ab6646	40	182	1.3	99.9	39.7
96Ab8597	40.3	182	1.3	99.4	39.9
95Ab10854	40.2	184	2	93.5	40.4
OT382	44.4	183	1	89.7	39
Cayuse	44.4	180	2.3	89	37.1
Otana	44.5	180	2.7	82.2	38.8
CDC Pacer (OT351)	43.2	179	1.7	72.6	38.6
CDC Dancer (OT373)	35.8	182	1	69.9	39.6
Mean	40.0	181	2.2	114	39.0
LSD _{0.05}	2.9		2.0	21.9	2.3
CV%	4.5		55.1	11.7	3.6

NS=non significant

Lodging(1=upright,9=flat)

Table 2. Agronomic performance of oat genotypes grown at University of Wyoming, SAREC Research and Extension Center, Lingle, WY during 2005.

Variety	Plant height	Heading date	Grain yield
	inches	Days from Jan. 1	bu/acre
Monico	35	173	122
Maverick	31	175	111
Powell	32	176	97
Rio Grande	30	176	94
Ajay	36	176	90
Otana	37	174	81
CDC Pacer	35	177	76
Cayuse	38	175	74
Monida	36	176	73
CDC Dancer	32	178	49

Mean	34	176	87
LSD _{0.05}	5	NS	28
CV%	8.4	1.0	18.6

NS=non significant