

**Table 1. Agronomic performance of spring barley genotypes grown at Powell, WY during 2005.**

Variety	Row	Grade	Plant	Heading	Lodge	Grain	Test	Plumpness	
	Type		height	date		yield	weight	6/64	5.5/64
			inches	Days from Jan. 1	1-9	bu/acre	lb/bu	% above screen	
<b>Malt Use</b>									
Moravian 69	2	M	29.3	176	1.3	154.9	49.7	95.0	98.3
98Ab11993	2	M	30.3	176	2.0	147.7	50.38	97.1	99.0
01NZ392	6	F/M	37.6	177	1.7	145.2	47.48	96.7	99.1
2B99-2763-10	2	M	30.5	176	1.7	140.7	49.44	96.4	98.7
WA 8569-99	2	F/M	32.4	176	3.3	140.1	50.97	92.8	98.0
2B99-2657	2	M	31.9	177	2.7	139.3	47.31	92.5	97.6
Merit	2	M	36.2	177	1.7	137.8	48.5	92.9	97.8
Conrad	2	M	33.2	177	2.7	137.8	51.4	97.1	99.1
99NZ102	6	F/M	34.8	175	1.7	136.9	47.19	93.3	98.5
2B99-2316	2	M	31.4	177	2.0	134.4	49.57	91.5	97.6
ND21863	2	M	36.0	176	1.0	129.9	49.68	98.8	99.4
WA 10701-99	2	F/M	33.5	176	3.0	128.9	50.62	95.4	98.5
2B99-2039	2	M	34.5	176	2.0	128.3	51.15	98.3	99.4
99Ab11073	2	M	35.5	172	1.7	127.8	47.76	94.6	98.3
Stander	6	M	36.0	172	2.3	126.2	49.06	97.9	98.6
B1202	2	M	33.6	177	3.0	124.3	49.4	97.2	99.2
Harrington	2	M	34.5	176	2.3	124.2	50.16	97.9	99.3
98Ab12905	6	M	33.9	172	1.0	121.1	48.3	96.9	99.1
PB1-97-2R-7010	2	F/M	34.8	177	1.0	119.0	50.51	98.7	99.3
MT000047	2	F/M	33.7	175	2.0	118.5	52.21	97.1	98.8
Sellar (ND16301)	6	M	36.0	172	3.3	116.0	48.15	96.8	98.9
2B99-2771-1	2	M	30.7	177	1.3	114.4	50.20	97.7	99.3
ND19854	2	M	35.1	172	1.7	113.3	51.17	98.3	99.2
01NZ706	6	F/M	35.6	176	1.3	113.2	47.78	94.7	98.8
MT000125	2	F/M	32.7	176	2.0	111.6	50.78	97.7	99.0
Morex	6	M	40.5	172	5.3	110.2	48.31	91.7	98.1
MT000138	2	F/M	31.7	176	1.3	96.6	51.96	98.2	99.4
<b>Feed Use</b>									
Xena	2	F	34.9	175	1.7	151.6	51.3	97.4	99.0
Baronesse	2	F	33.5	176	2.7	149.0	51.20	94.7	98.6
WA 7330-00	2	F	31.9	175	2.0	142.7	50.55	93.0	98.0
Steptoe	6	F	36.1	172	2.3	141.1	47.01	95.8	98.5
Boulder	2	F	34.5	176	1.7	139.8	51.9	97.7	99.1
YU501-385	2	F	34.8	175	1.3	139.3	51.90	97.7	99.2
YU501-163	2	F	33.4	176	1.0	136.5	51.39	98.0	99.2
01ST1758	2	F,RWA	31.5	175	1.3	134.8	51.56	96.5	98.8

UT99B1670-3458	6	F	34.5	172	1.3	133.5	46.63	97.2	98.8
UT99B1669-3243	6	F	34.5	172	1.7	131.4	46.92	97.0	98.8
WA 15279-00	2	F	31.7	176	1.3	127.4	50.24	95.0	98.7
01ST1587	2	F,RWA	32.8	175	1.7	127.0	50.72	97.6	99.0
WA 10429-00	2	F	31.9	176	1.0	126.0	49.73	97.6	99.4
YU 597-432	2	F	31.9	175	1.0	124.2	50.54	96.0	98.8
Haxby	2	F	34.8	177	1.7	123.1	52.2	97.3	99.1
Gallatin	2	F	33.5	175	1.7	122.7	51.4	97.5	99.8
96RWA1222	6	F,RWA	36.9	176	5.7	115.2	46.88	88.5	97.1
UT97B1480-1534	6	F	33.6	172	1.7	103.3	49.9	93.9	98.7
Mean			33.8		1.98	129	49.8	96.0	98.8
LSD 0.05			3.6		1.1	23.0	1.0	2.4	0.8
CV%			6.5		34.1	11.0	1.2	1.5	0.5

NS=non significant

Lodge= 1 upright, 9 flat.

M=Malting, F=Feed, RWA=Russian Wheat Aphid Resistant

**Table 2. Agronomic performance of spring barley genotypes grown at Sheridan, WY during 2005.**

Variety	Row	Grade	Plant height	Heading date	Grain yield	Test weight	Plumpness	
							6/64	5.5/64
			inches	Days from Jan. 1	bu/acre	lb/bu	% above screen	
<b>Malt Use</b>								
98AB11993	2	M	29.3	172	92	44.5	87.0	96.4
B1202	2	M	25.0	172	79	41.0	70.2	92.6
Conrad	2	M	28.0	172	64	44.0	80.5	94.8
Harrington	2	M	30.3	172	59	41.6	80.4	94.1
98Ab12905	6	M	33.7	170	57	43.2	77.7	94.8
<b>Feed Use</b>								
Boulder	2	F	29.3	172	87	47.9	86.2	96.6
Steptoe	6	F	31.0	170	81	41.8	84.6	95.6
Baronesse	2	F	27.7	172	74	44.8	66.8	91.8
Xena	2	F	26.3	172	63	46.2	78.3	95.3
UT97B1480-1534	6	F	29.3	171	61	44.6	75.0	92.1
Haxby	2	F	25.3	172	60	49.1	82.0	94.3
Gallatin	2	F	28.7	172	57	45.7	72.4	92.7
Mean			28.7	172	70	44.5	78.4	94.3
LSD 0.05			4.7	1	NS	1.4	8.7	2.6

CV% 9.6 0.4 23.1 1.9 6.6 1.6

NS=non significant

M=Malting, F=Feed

**Table 3. Agronomic performance of spring barley genotypes grown at Lingle, WY (SAREC) during 2005.**

Variety	Row	Grade	Plant	Heading	Grain	Test	Plumpness	
	Type		height	date	yield	weight	6/64	5.5/64
			inches	Days from Jan. 1	bu/acre	lb/bu	% above screen	
<b>Malt Use</b>								
98AB11993	2	M	34	175	33			
B1202	2	M	34.7	174	39			
Conrad	2	M	32.3	175	40			
Harrington	2	M	34.7	172	42			
98Ab12905	6	M	31.6	170	36			
<b>Feed Use</b>								
Boulder	2	F	34.7	174	57			
Steptoe	6	F	37	169	57			
Baronesse	2	F	34.7	171	51			
Xena	2	F	35	174	39			
UT97B1480-1534	6	F	29.7	168	46			
Haxby	2	F	34.7	173	47			
Gallatin	2	F	34	173	63			
Mean			33.9	172	46			
LSD 0.05			3.4	6.7	NS			
CV%			5.9	2.3	38.4			

NS=non significant

M=Malting, F=Feed