

Spring hulless barley variety performance results near Genesee, 2006.  
 Stephen Guy and Mary Lauver - Univ. of Idaho Coop. Ext., Moscow, ID

Variety or Selection	Seed	Test Weight	Plant Height	Lodging	Seedling count	Seedling count
	Yield				5/18/2006	6/1/2006
	bu/acre	lb/bu	inches	%	plts./sq. ft.	plts./sq. ft.
Baronesse	113	53.6	32	5	22	22
Camas	111	56.3	34	0	18	18
Bear*	101	59.4	37	3	15	15
Harrington	105	52.8	35	11	22	22
Meresse*	90	62.1	31	0	11	12
AC Metcalfe	110	54.6	37	6	22	21
CDC Fibar*	78	61.2	39	3	14	15
CDC Alamo*	65	60.1	33	0	7	7
00AH6155*	70	60.4	30	0	6	6
01AH2812*	79	61.3	34	0	16	16
01ID435H*	86	61.2	33	1	15	14
99Ab38-5*	73	60.5	35	1	8	8
99Ab38-6*	74	60.6	35	0	8	8
WestBred Salute	104	54.1	32	2	23	24
Yu 501-039*	88	60.8	32	0	15	14
03AH3052*	60	60.9	35	1	7	7
03AH3058*	70	60.9	37	1	9	9
03AH5618	76	60.3	36	2	8	8
02AH684*	73	60.4	34	1	9	9
00ID1550	114	50.9	36	0	24	23
Yu 501-385	101	54.0	39	22	21	21
Excel	105	52.8	38	27	22	21
Tradition	108	54.6	38	3	21	22
Yu 599-006	87	51.1	23	0	21	21
96M5288*	95	61.9	35	0	14	14
Average	89	57.9	34	3	15	15
LSD (0.10)	7	0.5	2	8	4	4
CV (%)	7	0.8	4	195	20	20

\* hulless lines

Spring hulless barley variety performance results at Greencreek, 2006.  
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Variety or Selection	Seed Yield bu/acre	Test Weight lb/bu	Plant Height inches	Lodging %
Baronesse	120	54.1	40	13
Camas	109	55.0	39	1
Bear*	103	58.9	42	2
Harrington	105	53.1	41	31
Meresse*	90	61.2	36	0
AC Metcalfe	108	54.3	43	9
CDC Fibar*	77	60.3	44	18
CDC Alamo*	76	58.9	40	1
00AH6155*	76	60.3	36	0
01AH2812*	85	60.2	40	4
01ID435H*	92	59.4	43	4
99Ab38-5*	74	58.5	41	7
99Ab38-6*	78	58.2	42	3
WestBred Salute	111	53.4	39	16
Yu 501-039*	101	61.2	41	5
03AH3052*	64	60.4	40	0
03AH3058*	67	60.4	39	1
03AH5618	82	59.1	44	26
02AH684*	76	59.4	41	0
00ID1550	129	50.5	43	0
Yu 501-385	104	54.5	46	33
Excel	112	51.8	44	46
Tradition	113	52.1	43	12
Yu 599-006	111	50.6	30	0
96M5288*	110	60.4	46	0
Average	95	57.1	41	9
LSD (0.10)	9	0.6	3	14
CV (%)	8	0.9	5	131

\* hulless lines

Combined spring hulless barley performance data for Genesee and Greencreek, 2006.  
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Variety or Selection	Seed Yield			Test Weight			Average of 2 sites	
	Genesee	Greenck.	Average	Genesee	Greenck.	Average	Plant Height	Lodging
	-----bu/acre-----			-----lb/bu-----			inches	%
Baronesse	113	120	117	53.6	54.1	53.6	36	9
Camas	111	109	110	56.3	55.0	56.3	37	1
Bear*	101	103	102	59.4	58.9	59.4	40	3
Harrington	105	105	105	52.8	53.1	52.8	38	21
Meresse*	90	90	90	62.1	61.2	62.1	34	0
AC Metcalfe	110	108	109	54.6	54.3	54.6	40	8
CDC Fibar*	78	77	78	61.2	60.3	61.2	42	11
CDC Alamo*	65	76	71	60.1	58.9	60.1	37	1
00AH6155*	70	76	73	60.4	60.3	60.4	33	0
01AH2812*	79	85	82	61.3	60.2	61.3	37	2
01ID435H*	86	92	89	61.2	59.4	61.2	38	3
99Ab38-5*	73	74	74	60.5	58.5	60.5	38	4
99Ab38-6*	74	78	76	60.6	58.2	60.6	39	2
WestBred Salute	104	111	108	54.1	53.4	54.1	36	9
Yu 501-039*	88	101	95	60.8	61.2	60.8	37	3
03AH3052*	60	64	62	60.9	60.4	60.9	38	1
03AH3058*	70	67	69	60.9	60.4	60.9	38	1
03AH5618	76	82	79	60.3	59.1	60.3	40	14
02AH684*	73	76	75	60.4	59.4	60.4	38	1
00ID1550	114	129	122	50.9	50.5	50.9	40	0
Yu 501-385	101	104	103	54.0	54.5	54.0	43	28
Excel	105	112	109	52.8	51.8	52.8	41	37
Tradition	108	113	111	54.6	52.1	54.6	41	8
Yu 599-006	87	111	99	51.1	50.6	51.1	27	0
96M5288*	95	110	103	61.9	60.4	61.9	41	0
Overall Average	89	95	92	57.9	57.1	57.9	38	6
LSD (0.10)	7	9	6	0.5	0.6	0.4	2	8
CV (%)	7	8	-	0.8	0.9	-	-	-

\* hulless lines

Grain yield and test weight averages for spring hulless barley varieties tested for two years in northern Idaho.

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Variety or Selection	Seed Yield			Test Weight		
	2005	2006	Average <sup>^</sup>	2005	2006	Average <sup>^</sup>
	-----bu/acre-----			-----lb/bu-----		
Baronesse	77	117	103	50.0	53.9	52.6
Camas	78	110	99	53.5	55.7	54.9
Bear*	63	102	89	54.6	59.2	57.6
Harrington	69	105	93	48.1	53.0	51.3
Meresse*	69	90	83	60.6	61.7	61.3
AC Metcalfe	73	109	97	49.7	54.5	52.9
CDC Fibar*	56	78	70	54.7	60.8	58.7
CDC Alamo*	61	71	67	58.1	59.5	59.0
00AH6155*	66	73	71	57.4	60.4	59.4
01AH2812*	61	82	75	60.1	60.8	60.5
01ID435H*	61	89	80	56.8	60.3	59.1
99Ab38-5*	60	74	69	56.7	59.5	58.6
99Ab38-6*	59	76	70	56.0	59.4	58.3
WestBred Salute	74	108	96	50.7	53.8	52.7
Yu 501-039*	67	95	85	55.0	61.0	59.0
03AH3052*	61	62	62	58.7	60.7	60.0
03AH3058*	62	69	66	58.2	60.7	59.8
03AH5618	65	79	74	56.3	59.7	58.6
02AH684*	61	75	70	57.0	59.9	58.9
00ID1550	68	122	104	45.1	50.7	48.8
Yu 501-385+	70	103	92	44.7	54.3	51.1
Excel	75	109	97	46.4	52.3	50.3
Tradition	79	111	100	50.2	53.4	52.3
Yu 599-006	61	99	86	45.3	50.9	49.0
96M5288*	63	103	89	52.1	61.2	58.1
Overall Average	66	92	83	53.4	57.5	56.1
LSD (0.10)	4	6	--	1.6	--	0.6
CV (%)	5	--	--	2.5	--	0.9

\* hulless lines

+ Entry 21 was Creel in 2005.

<sup>^</sup> Average = 3 site years, 1 in 2005, 2 in 2006; Average is weighted