

2013 WSU Mount Vernon Conventional Spring Barley Variety Trial

Variety Name <i>*Hulless italicized</i>	Yield (Lbs/A)	Test Weight (Lbs/Bu)	Protein (%)	Days to Heading (Julian)	Lodging (%)	Leaf Rust (%)	Stripe Rust (%)	Mildew (%)	Scald (%)	Height (in)
09WA-203.24	7251	49.2	12.5	158	0	5	10	7	3	34
Genie	7009	45.8	14.0	158	0	0	8	5	0	27
Overture	6989	44.8	13.8	160	0	0	5	5	0	28
Odyssey	6574	46.8	12.4	160	0	0	7	3	0	26
Vespa (LSC LN09-0920)	6429	44.6	14.3	158	0	5	12	3	2	26
Muir (07WA-601.6)	6360	47.8	12.4	156	3	5	0	8	3	35
Bob	6164	48.9	12.1	155	37	7	5	10	5	36
Lyon (05WA-316.K)	6109	45.5	14.0	156	2	7	12	10	2	31
09WA-203.26	5964	49.8	12.5	158	0	5	10	7	7	37
Lenetah	5905	46.2	15.3	155	13	10	23	10	3	36
CDC Meredith	5885	42.9	13.6	158	20	8	15	10	2	36
09WA-228.13	5843	49.6	12.0	155	0	7	13	7	2	37
2Ab07-X04M219-46	5814	42.1	13.1	161	32	7	5	8	0	36
CDC Copeland	5799	44.6	13.6	159	8	8	13	13	2	40
Baronesse	5738	47.3	13.2	158	3	7	10	10	3	33
2004NZ163	5601	46.4	13.3	159	0	10	12	8	2	27
2Ab07-X031098-31	5585	46.9	12.7	157	0	5	7	10	3	34
AC Metcalfe	5403	45.3	13.8	157	12	8	5	12	3	37
Harrington	5375	43.6	14.0	158	20	15	13	8	7	36
09WA-249.9	5249	47.3	12.7	158	0	10	3	3	13	32
Champion	5204	49.6	12.1	153	0	8	15	10	3	34
09WA-231.5	5149	49.5	15.9	157	30	7	18	10	0	34
<i>X07G19-T270</i>	4936	48.6	14.6	159	0	7	20	8	0	32
2Ab07-X01084-27	4770	43.0	16.1	158	13	8	8	5	0	32
<i>X06G07-T43</i>	4749	42.3	16.4	158	0	7	12	3	10	24
07MBR1	4637	49.4	10.0	161	0	7	10	7	10	31
Tradition	4635	45.5	14.2	154	3	15	23	10	7	41
07WA-682.1	4555	44.6	13.1	159	27	15	15	10	2	32
<i>X05013-T1</i>	4296	51.4	13.9	159	0	10	5	8	2	33
2008NZ004	4134	43.3	12.8	155	7	45	17	10	2	43
<i>Meresse</i>	4010	50.6	15.6	156	0	10	17	10	0	30
<i>2Ab09-X06F058HL-182</i>	3915	43.6	14.6	161	10	7	15	10	2	39
<i>2Ab09-X06F087HL-170</i>	3637	42.4	15.5	160	23	17	18	10	2	36
2008NZ013	3622	43.0	13.7	155	13	38	15	10	2	43
<i>09WA-265.5</i>	3272	42.4	18.0	159	23	12	20	13	0	37
<i>2Ab09-X06F052HL-28</i>	2517	37.9	14.6	159	2	7	38	10	10	35
CV %	13	4.5	7.7							
LSD (0.10)	962	2.8	1.4							
Average	5252	45.9	13.8	158	8	10	13	8	3	34
Highest	7251	51.4	18.0	161	37	45	38	13	13	43
Lowest	2517	37.9	10.0	153	0	0	0	3	0	24

Planting Notes: The Conventional Spring Barley Nursery was planted March 26th, 2013 at the WSU Mount Vernon Research Center. Based on soil tests plots were top dressed with a custom fertilizer blend (26-6-9-8, Wilbur-Ellis) at a rate of 72 lbs N/acre. Seed was planted at 120 lbs/acre with a double disc drill set on 6-inch spacing. To control weeds the herbicides Axial (16.4 oz/acre), Maestro (1 pint/acre), and Harmony Extra (1/2 oz/acre) were applied May 1st, 2013. Results are the average of three replicate plots of each variety, planted in a randomized complete block design. Plots were harvested August 18th, 2013.

All values within the 10% Least Significant Difference (LSD) range of the highest value are shown in **bold**.

For additional information, contact Steve Lyon (slyon@wsu.edu).

For additional variety testing results visit: <http://plantbreeding.wsu.edu>

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