

2013 WSU Mount Vernon Organic 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)
Genie	5483	44.2	13.1	161	0	0	17	7	3	28
Odyssey	5406	46.1	11.5	161	0	0	7	7	5	26
Overture	5389	43.6	12.4	161	0	0	8	7	5	29
2Ab07-X04M219-46	5140	41.6	12.9	161	40	10	15	10	8	34
2Ab07-X01084-27	5022	45.1	12.5	157	0	8	8	10	13	31
Muir (07WA-601.6)	5018	47.8	11.4	158	8	5	2	12	10	33
Baronesse	4794	46.8	11.9	158	7	7	12	10	12	31
Vespa (LSC LN09-0920)	4482	43.1	13.9	159	0	10	20	8	7	27
09WA-249.9	4430	45.2	12.5	158	2	13	3	10	22	32
09WA-228.13	4297	47.6	12.1	155	0	10	23	12	18	32
09WA-203.26	4293	47.1	12.3	159	2	8	13	12	23	36
Champion	4287	47.7	11.8	155	2	10	14	12	17	34
Bob	4262	47.3	12.4	157	53	5	5	15	8	34
2Ab07-X031098-31	4146	45.4	12.7	157	7	10	12	15	3	33
AC Metcalfe	4096	44.3	12.7	158	23	13	5	10	8	33
Lyon (05WA-316.K)	4057	45.0	13.5	155	23	5	15	13	7	29
09WA-203.24	3992	47.5	11.7	159	0	12	15	10	8	31
X06G07-T43	3887	39.1	15.0	160	0	8	7	5	18	23
Lenetah	3828	46.1	13.7	155	0	17	20	13	15	33
CDC Meredith	3811	41.3	13.7	160	25	12	25	10	10	32
X05013-T1	3708	48.4	13.5	161	3	15	10	8	8	35
2004NZ163	3660	45.5	12.1	161	0	10	7	13	5	26
CDC Copeland	3644	42.3	14.9	158	27	17	22	12	12	37
09WA-231.5	3614	50.9	13.6	158	0	13	18	12	12	30
Harrington	3606	41.0	13.9	157	17	20	15	10	25	35
07MBR1	3543	48.3	10.5	161	3	2	5	5	25	28
07WA-682.1	3200	40.6	14.1	159	37	12	32	13	10	34
X07G19-T270	3093	46.3	13.1	161	0	12	22	10	8	30
2008NZ013	2990	43.9	12.6	155	3	57	20	10	10	43
Tradition	2832	39.0	15.0	154	37	25	53	10	12	40
2008NZ004	2758	41.3	13.9	155	3	62	18	12	7	40
Meresse	2672	47.2	15.4	157	0	20	30	12	7	29
2Ab09-X06F058HL-182	2534	42.0	14.1	161	7	10	17	10	7	35
09WA-265.5	2300	36.5	17.0	161	37	8	63	13	5	33
2Ab09-X06F087HL-170	2264	40.1	15.0	160	7	28	20	10	8	34
2Ab09-X06F052HL-28	2022	38.0	14.7	161	37	12	52	12	7	36
CV %	11	3.8	8.7							
LSD (0.10)	558	2.3	1.6							
Average	3849	44.3	13.3	158	11	13	18	11	11	32
Highest	5483	50.9	17.0	161	53	62	63	15	25	43
Lowest	2022	36.5	10.5	155	0	0	2	5	3	23

Planting Notes: The 2013 WSU Mount Vernon Organic Spring Barley Variety Trial was planted March 26th, 2013 in a certified organic field at the WSU Mount Vernon. Based on soil tests pre-plant organic fertilizer Proganic (8-2-4) was applied at a rate of 85 lbs N/Acre. Seed was planted at 120 lbs/acre with a double disc drill set on 6-inch spacing. Results are the average of three replicate plots of each variety, planted in a randomized complete block design. Plots were harvested August 14th, 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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