

## 2012 WSU Variety Testing Hard Winter Wheat Trial, Lind

Variety Name <i>*Club Italized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2012					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING (%)
<b>WA 8156</b>				<b>44</b>	58.8	12.8	30	149	0
<b>Boundary</b>	35	43	42	<b>42</b>	60.2	12.5	30	141	0
<b>Farnum</b>	41	50	50	<b>42</b>	58.9	13.7	32	148	0
<b>Norwest 553</b>	32	38	39	<b>42</b>	<b>61.4</b>	12.9	29	143	0
<i>MDM</i>	37	44	45	<b>42</b>	60.6	12.1	33	147	0
<i>OR2080236H</i>				<b>42</b>	59.7	12.5	30	145	0
<b>Eltan</b>	38	44	45	<b>40</b>	60.3	12.5	31	146	0
<i>WA 8159</i>				<b>40</b>	59.1	12.8	31	145	0
<b>Finley</b>	37	42	41	38	<b>61.5</b>	13.0	35	141	0
<b>Bauermeister</b>	38	45	46	38	60.2	12.7	31	149	3
<i>UICF-Grace</i>		35	37	38	60.4	13.1	39	140	0
<b>IDO816</b>				38	60.1	12.6	34	145	0
<i>OR2080227H</i>				38	60.3	12.7	31	143	0
<b>Eddy</b>	30	34	36	36	60.4	13.8	32	141	0
<b>WA 8118</b>		38	39	34	59.9	14.3	33	140	0
<i>OR2080229H</i>		33		34	60.6	12.7	32	144	0
<b>UI SRG</b>			40	33	59.9	12.8	36	141	0
<i>UI Silver</i>		38	36	32	<b>61.9</b>	13.6	32	144	0
<b>WA 8157</b>				32	60.5	13.7	31	144	0
<b>WA 8119</b>		47	45	31	59.1	13.5	29	147	0
<i>OR2080156H</i>		32	31	29	58.9	15.1	30	144	0
<i>WA 8158</i>				29	59.5	14.2	34	147	0
<b>Azimut</b>			31	25	57.7	12.8	28	142	0
<b>Altigo</b>			26	23	57.4	13.1	29	143	0
<b>C.V. %</b>	13	12	13	14	1.3	3.7	6	1	849
<b>LSD (.10)</b>	2	3	4	5	0.8	0.5	2	2	1
<b>Average</b>	36	40	39	36	59.9	13.2	32	144	0
<b>Highest</b>	41	50	50	44	61.9	15.1	39	149	3
<b>Lowest</b>	30	32	26	23	57.4	12.1	28	140	0

### Lind Hard Winter Wheat - Preliminary Data

1. Grain yield in the Lind hard winter wheat trial averaged 36 bushels/acre, equal to the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station three miles NE of the town of Lind.
2. This nursery was seeded on 12 September, 2011 following fallow. Seed was placed at a 45#/acre seeding rate using a deep-furrow plot drill set on 15-inch spacing. Fall seeding conditions were favorable and emergence and stand establishment were good. Base fertilizer was 50#N/acre. Based on a spring soil test showing 256 lbs./acre available N, no additional N was applied for hard wheat protein based on expected yields.
3. Yields ranged from 23 bu/ac to 44 bu/ac. Boundary, Farnum, and Norwest 553 was the highest yielding named entries in this trial. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 8 of the 24 entries. Farnum was the top yielding hard entry across five years of results at this location. There was a low amount of stripe rust potential at this location and fungicide was applied 9 April at herbicide timing.
4. Test weights averaged 59.9 lbs./bu and ranged from 57.4 to 61.9 lbs./bu. Grain protein averaged 13.2% with a range of 12.1 to 15.1%. Plant height averaged 32 inches with slight lodging only for Bauermeister.