



## 2015 OREGON HARD WINTER ELITE YIELD TRIALS LAGRANDE (Irrigated)



Site Quality Index<sup>†</sup> = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Lower than average grain yield, test weight, and grain protein reduced the site quality index score.  
Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

5 Year Average Yield = 119.6 bu/ac

Entry	Variety	Class	2015 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
24	OR 2111025	HWW	105.7	1				
9	LCS AYMERIC	HRW	104.1	2				
6	LCS JET (NSA 10-7208)	HRW	102.9	3	133.7	1		
3	LCS AZIMUT	HRW	102.6	4	124.1	3	116.5	2
7	NSA 10-2196	HRW	99.4	5				
4	LCS COLONIA	HRW	98.7	6	121.1	7		
8	HE 9817/1.2	HRW	98.4	7				
12	KELDIN	HRW	98.3	8	126.8	2	118.0	1
15	CLEARSTONE CL2	HRW	98.0	9				
10	DAS 001	HRW	97.0	10	115.4	10	104.8	7
1	BOBTAIL*	SWW	96.2	11	121.2	6		
11	WB ARROWHEAD	HRW	92.0	12	122.6	4	113.0	3
13	WHETSTONE	HRW	92.0	13	121.7	5	108.1	5
17	UI SILVER	HWW	91.1	14	91.9	14	89.7	9
21	OR 2110664	HWW	90.9	15				
20	OR 2100081H	HWW	90.9	16	114.6	11	106.9	6
5	LCS EVINA	HRW	90.8	17	118.4	8		
19	OR 2120040R	HRW	90.4	18				
14	07PN013#38	HRW	89.4	19	104.1	13		
2	NORWEST 553*	HRW	88.0	20	116.6	9	109.5	4
25	OR 2120276H	HWW	87.3	21				
18	IDO 1101	HWW	86.0	22	110.4	12	103.4	8
22	OR 2110679	HWW	85.3	23				
23	OR 2110697	HWW	85.1	24				
16	OR 2120012R	HRW	80.4	25				
	Site Average		93.6		117.8		108.0	
	LSD (0.05)		11.2		7.5		4.8	
	CV (%)		8.5		6.2		5.4	

<sup>†</sup> The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

<sup>‡</sup> Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site. Grain yields in bold met or exceeded the protein targets for their class.

\* Indicates check variety.



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Site Description: Lower than average grain yield, test weight, and grain protein reduced the site quality index score.  
Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

5 Year Average Test Weight = 60.1 lbs/bu      5 Year Average Grain Protein = 13.0%

Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein
				lbs/bu	inches	DOY	%
24	OR 2111025	HWW		60.6	36.8	155.8	10.6
9	LCS AYMERIC	HRW		57.0	28.8	155.9	10.3
6	LCS JET (NSA 10-7208)	HRW		57.3	29.8	150.2	9.9
3	LCS AZIMUT	HRW		55.8	30.8	151.7	10.4
7	NSA 10-2196	HRW		56.9	33.3	149.2	10.2
4	LCS COLONIA	HRW		56.3	32.8	159.7	10.0
8	HE 9817/1.2	HRW		58.2	33.8	154.2	9.6
12	KELDIN	HRW		60.8	36.0	154.7	10.2
15	CLEARSTONE CL2	HRW		60.3	41.5	155.2	9.8
10	DAS 001	HRW		58.7	33.8	146.7	10.3
1	BOBTAIL*	SWW		53.6	31.0	157.9	10.4
11	WB ARROWHEAD	HRW		61.3	37.5	147.8	10.3
13	WHETSTONE	HRW		61.6	34.3	149.4	10.5
17	UI SILVER	HWW		58.6	41.8	154.9	10.1
21	OR 2110664	HWW		58.1	33.3	156.8	10.0
20	OR 2100081H	HWW		59.1	34.5	155.8	9.5
5	LCS EVINA	HRW		57.7	33.8	160.2	10.2
19	OR 2120040R	HRW		58.6	33.8	157.7	10.4
14	07PN013#38	HRW		58.3	29.5	154.7	10.8
2	NORWEST 553*	HRW		59.2	31.3	156.8	10.4
25	OR 2120276H	HWW		61.0	32.3	150.9	9.9
18	IDO 1101	HWW		60.0	30.8	149.8	10.0
22	OR 2110679	HWW		57.8	32.5	155.6	9.9
23	OR 2110697	HWW		59.4	32.0	157.6	10.0
16	OR 2120012R	HRW		61.1	31.8	148.4	9.8
	Site Average			58.7	33.5	153.9	10.1
	LSD (0.05)			1.4	2.7	2.4	NS
	CV (%)			1.7	5.6	1.1	7.3

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