



## 2015 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index<sup>†</sup> = 3  
1 = Poor 3 = Average 5 = Excellent

Site Description: Site is in a 3 year rotation with 2 fallow years.  
Due to the rotation, drought conditions had their largest impact on grain test weight.

5 Year Average Yield = 102.1 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
6	LCS JET (NSA 10-7208)	HRW	117.7	1	132.3	1		
7	NSA 10-2196	HRW	113.3	2				
16	OR 2120012R	HRW	<b>108.1</b>	3				
4	LCS COLONIA	HRW	106.9	4	122.8	2		
9	LCS AYMERIC	HRW	106.4	5				
25	OR 2120276H	HWW	<b>105.0</b>	6				
10	DAS 001	HRW	103.2	7	119.6	4	107.6	2
22	OR 2110679	HWW	103.1	8				
3	LCS AZIMUT	HRW	101.4	9	120.5	3	108.3	1
19	OR 2120040R	HRW	100.8	10				
18	IDO 1101	HWW	100.1	11	115.6	6	103.0	3
21	OR 2110664	HWW	99.2	12				
1	BOBTAIL*	SWW	97.2	13	118.6	5		
15	CLEARSTONE CL2	HRW	96.1	14				
11	WB ARROWHEAD	HRW	96.0	15	115.3	7	99.6	6
20	OR 2100081H	HWW	95.8	16	110.8	11	101.1	5
8	HE 9817/1.2	HRW	<b>95.6</b>	17				
24	OR 2111025	HWW	94.5	18				
17	UI SILVER	HWW	94.0	19	111.7	10	101.5	4
23	OR 2110697	HWW	93.7	20				
2	NORWEST 553*	HRW	<b>92.9</b>	21	107.3	14	97.4	9
5	LCS EVINA	HRW	<b>92.3</b>	22	108.0	13		
13	WHETSTONE	HRW	91.2	23	112.0	9	97.6	8
14	07PN013#38	HRW	<b>86.9</b>	24	109.7	12		
12	KELDIN	HRW	81.4	25	113.8	8	98.8	7
	Site Average		98.9		115.6		101.5	
	LSD (0.05)		12.0		9.3		7.2	
	CV (%)		8.4		8.0		8.4	

<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 unublishable
- 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: Site is in a 3 year rotation with 2 fallow years.  
Due to the rotation, drought conditions had their largest impact on grain test weight.

5 Year Average Test Weight = 61.4 lbs/bu      5 Year Average Grain Protein = 10.8%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein
			lbs/bu	inches	DOY	%
6	LCS JET (NSA 10-7208)	HRW	60.2	36.4	136.0	10.8
7	NSA 10-2196	HRW	58.3	34.9	136.0	10.9
16	OR 2120012R	HRW	61.7	38.4	136.3	12.1
4	LCS COLONIA	HRW	56.1	36.4	145.8	11.7
9	LCS AYMERIC	HRW	56.2	34.4	141.3	10.4
25	OR 2120276H	HWW	60.8	37.4	139.0	12.2
10	DAS 001	HRW	61.3	39.9	135.5	11.8
22	OR 2110679	HWW	59.2	37.9	141.3	11.6
3	LCS AZIMUT	HRW	56.1	31.5	135.8	11.1
19	OR 2120040R	HRW	60.9	35.4	141.3	11.6
18	IDO 1101	HWW	62.7	35.9	138.8	10.9
21	OR 2110664	HWW	60.2	36.9	141.3	11.5
1	BOBTAIL*	SWW	55.3	35.4	143.3	11.8
15	CLEARSTONE CL2	HRW	59.7	43.3	142.8	11.7
11	WB ARROWHEAD	HRW	62.0	39.9	136.8	11.1
20	OR 2100081H	HWW	60.3	35.9	141.3	11.7
8	HE 9817/1.2	HRW	59.2	40.4	140.8	12.6
24	OR 2111025	HWW	60.7	37.4	141.3	11.4
17	UI SILVER	HWW	61.0	41.8	143.8	10.8
23	OR 2110697	HWW	59.7	31.5	142.0	11.3
2	NORWEST 553*	HRW	60.0	34.0	141.5	12.2
5	LCS EVINA	HRW	56.3	41.3	146.3	13.4
13	WHETSTONE	HRW	60.5	38.9	138.8	11.7
14	07PN013#38	HRW	57.5	30.0	141.0	12.0
12	KELDIN	HRW	61.1	37.4	141.8	11.7
	Site Average		59.4	36.9	140.4	11.6
	LSD (0.05)		1.3	1.8	2.4	0.9
	CV (%)		1.6	3.5	1.2	5.4

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