



## 2014 OREGON HARD WINTER ELITE YIELD TRIALS MILTON-FREEWATER



Site Quality Index<sup>†</sup> = 2.5  
1 = Poor 3 = Average 5 = Excellent

Site Description: Drought conditions reduced grain yields and test weights at this site.

2 Year Average Yield = 112.3 bu/ac

Entry	Variety	Class	2014 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
13	GENESIS	HRW	<b>87.8</b>	1	101.3	2		
10	NSA 10-7208	HRW	<b>81.1</b>	2				
6	LCS AZIMUT	HRW	<b>74.4</b>	3	109.3	1	116.1	1
20	04PN047-7	HWW	<b>72.9</b>	4				
7	LCS COLONIA	HRW	<b>72.3</b>	5				
12	DAS 002	HRW	<b>72.1</b>	6	80.0	14		
2	NORWEST 553	HRW	<b>71.9</b>	7	93.6	7	105.0	3
19	07PN013#38	HRW	<b>71.8</b>	8				
15	WB ARROWHEAD	HRW	<b>71.4</b>	9	88.5	10	96.7	6
11	DAS 001	HRW	<b>71.1</b>	10	90.8	9		
5	IDO 1101	HWW	<b>71.0</b>	11	95.7	5		
23	OR2100081H	HWW	<b>69.7</b>	12	96.5	4		
1	BOBTAIL*	SWW	69.6	13				
14	WB RIMROCK	HRW	<b>65.8</b>	14	91.5	8	98.0	5
4	IDO 1103	HRW	<b>65.6</b>	15	81.0	13		
8	LCS EVINA	HRW	<b>64.4</b>	16				
25	OR2100082H	HWW	<b>64.0</b>	17				
16	KELDIN	HRW	<b>64.0</b>	18	97.3	3	106.7	2
9	LCS ALLEZY	HRW	<b>61.7</b>	19				
21	UI SILVER	HWW	<b>61.3</b>	20	78.5	15	77.6	9
17	WHETSTONE	HRW	<b>59.3</b>	21	83.0	12	93.4	7
18	AP 503 CL2	HRW	<b>57.4</b>	22	83.3	11	81.9	8
24	OR2100073H	HWW	<b>56.1</b>	23				
3	UI SRG	HRW	<b>52.7</b>	24	66.6	16	69.0	10
22	OR2080236H	HWW	<b>51.6</b>	25	93.9	6	100.5	4
	Site Average		67.1		89.4		94.4	
	LSD (0.05)		8.3		11.3		9.6	
	CV (%)		8.4		12.1		11.9	

<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: Drought conditions reduced grain yields and test weights at this site.

2 Year Average Test Weight = 60.4 lbs/bu      2 Year Average Grain Protein = 11.1%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
13	GENESIS	HRW	57.6	37.9	138.3	16.0
10	NSA 10-7208	HRW	57.9	37.4	139.5	16.2
6	LCS AZIMUT	HRW	50.1	35.4	138.5	17.4
20	04PN047-7	HWW	55.9	39.4	141.0	16.5
7	LCS COLONIA	HRW	53.7	35.9	142.3	16.5
12	DAS 002	HRW	59.7	46.8	139.8	16.8
2	NORWEST 553	HRW	56.9	36.4	140.5	16.4
19	07PN013#38	HRW	55.1	34.4	140.8	17.1
15	WB ARROWHEAD	HRW	57.8	43.8	139.3	15.6
11	DAS 001	HRW	58.0	45.3	139.0	15.9
5	IDO 1101	HWW	61.2	37.9	140.0	14.3
23	OR2100081H	HWW	55.2	37.4	140.5	16.1
1	BOBTAIL*	SWW	53.3	36.9	140.8	16.8
14	WB RIMROCK	HRW	56.3	39.9	139.8	16.1
4	IDO 1103	HRW	58.4	40.4	141.0	15.5
8	LCS EVINA	HRW	56.6	42.3	142.3	18.3
25	OR2100082H	HWW	54.7	37.9	140.5	17.4
16	KELDIN	HRW	56.0	39.9	140.8	16.6
9	LCS ALLEZY	HRW	51.3	31.5	141.3	17.1
21	UI SILVER	HWW	58.6	39.4	142.3	15.4
17	WHETSTONE	HRW	54.9	42.3	139.8	16.9
18	AP 503 CL2	HRW	57.7	40.4	139.3	16.4
24	OR2100073H	HWW	51.7	40.4	140.8	18.2
3	UI SRG	HRW	55.9	41.3	142.0	15.5
22	OR2080236H	HWW	57.1	36.4	141.8	16.9
	Site Average		56.1	39.1	140.5	16.5
	LSD (0.05)		1.4	2.1	0.8	0.9
	CV (%)		1.7	3.9	0.4	3.9

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