



## 2014 OREGON HARD WINTER ELITE YIELD TRIALS PARMA, ID



Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.

Collaborative project with University of Idaho Cereal Extension programs. Long term data is not available for this site.

Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

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
1	BOBTAIL*	SWW	189.4	1				
5	IDO 1101	HWW	182.6	2	160.2	3		
16	KELDIN	HRW	179.7	3	166.8	1		
10	NSA 10-7208	HRW	177.4	4				
18	AP 503 CL2	HRW	175.0	5	162.7	2		
17	WHETSTONE	HRW	172.6	6	156.1	6		
14	WB RIMROCK	HRW	171.3	7	153.8	9		
23	OR2100081H	HWW	170.3	8	158.1	5		
9	LCS ALLEZY	HRW	167.9	9				
6	LCS AZIMUT	HRW	167.6	10	158.4	4		
15	WB ARROWHEAD	HRW	167.2	11	153.5	10		
11	DAS 001	HRW	166.1	12	146.2	14		
20	04PN047-7	HWW	165.9	13				
7	LCS COLONIA	HRW	164.1	14				
2	NORWEST 553	HRW	163.4	15	151.4	11		
12	DAS 002	HRW	163.0	16	146.6	13		
19	07PN013#38	HRW	161.9	17				
13	GENESIS	HRW	161.2	18	155.1	7		
25	OR2100082H	HWW	160.6	19				
8	LCS EVINA	HRW	158.4	20				
24	OR2100073H	HWW	155.9	21				
3	UI SRG	HRW	154.8	22	148.3	12		
4	IDO 1103	HRW	154.4	23	154.0	8		
21	UI SILVER	HWW	154.4	24	144.4	15		
22	OR2080236H	HWW	146.6	25	141.8	16		
	Site Average		166.1		153.6			
	LSD (0.05)		12.6		13.8			
	CV (%)		5.0		8.8			

<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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Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
1	BOBTAIL*	SWW	59.8	39.4	8.9
5	IDO 1101	HWW	63.2	37.9	9.7
16	KELDIN	HRW	63.0	42.8	8.4
10	NSA 10-7208	HRW	61.5	37.4	8.5
18	AP 503 CL2	HRW	64.6	41.3	9.3
17	WHETSTONE	HRW	63.3	41.8	9.1
14	WB RIMROCK	HRW	62.0	41.8	8.3
23	OR2100081H	HWW	61.5	40.8	9.0
9	LCS ALLEZY	HRW	59.9	36.9	9.2
6	LCS AZIMUT	HRW	58.7	30.5	9.2
15	WB ARROWHEAD	HRW	63.4	44.3	9.3
11	DAS 001	HRW	63.3	45.3	9.4
20	04PN047-7	HWW	60.7	39.9	8.4
7	LCS COLONIA	HRW	59.2	38.4	8.8
2	NORWEST 553	HRW	61.8	36.4	9.6
12	DAS 002	HRW	64.4	45.3	9.3
19	07PN013#38	HRW	62.2	33.5	9.1
13	GENESIS	HRW	61.4	34.9	9.2
25	OR2100082H	HWW	61.2	42.3	9.5
8	LCS EVINA	HRW	62.7	45.3	9.5
24	OR2100073H	HWW	62.4	41.8	9.6
3	UI SRG	HRW	62.4	52.7	9.3
4	IDO 1103	HRW	62.4	42.8	8.5
21	UI SILVER	HWW	62.6	47.2	8.5
22	OR2080236H	HWW	61.0	41.3	8.4
	Site Average		61.9	40.9	9.0
	LSD (0.05)		0.6	1.7	0.7
	CV (%)		0.7	3.0	5.7

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