



2012 OREGON HARD WINTER ELITE YIELD TRIALS LAGRANDE



Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

**Site Description: Grain yield at this site was significantly lower than previous years.
The variety Keldin was not evaluated at this site.**

5 Year Average Yield = 131.8 bu/ac

Entry	Variety	Class	2012 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
5	WB RIMROCK	HRW	134.2	1	136.9	1	131.3	5
10	WHETSTONE	HRW	132.9	2	135.9	2	133.7	3
6	WB ARROWHEAD	HRW	128.0	3	135.4	3	137.6	1
9	AZIMUT	HRW	127.3	4	134.3	4		
19	OR2090046H	HWW	125.8	5	131.3	8		
17	OR2080229H	HWW	123.9	6	134.2	5	134.2	2
23	OR2090028H	HWW	123.5	7				
24	OR2090029H	HWW	119.5	8				
8	ALTIGO	HRW	119.3	9	133.1	7		
20	OR2090107H	HWW	119.0	10	124.1	10		
2	NORWEST 553*	HRW	118.3	11	133.3	6	133.1	4
1	SKILES*	SWW	117.2	12				
16	OR2080227H	HWW	114.1	13	128.9	9	126.8	6
15	OR2080156H	HWW	113.3	14	122.0	12	122.5	7
25	OR2090100H	HWW	110.6	15				
21	OR2080055H	HWW	109.2	16				
11	AP 503CL2	HRW	107.4	17	116.5	14		
3	UI SRG	HRW	105.3	18	122.3	11		
14	OR2070174H	HWW	103.2	19	115.5	15	117.8	8
22	OR2080237H	HWW	102.0	20				
13	UI SILVER	HWW	101.9	21	119.4	13		
18	OR2080236H	HWW	95.9	22	106.1	16	103.5	9
12	UI GRACE	HWW	95.9	23	105.9	17		
4	YS 400	HRW	86.7	24				
7	KELDIN	HRW						
	Site Average		114.2		125.6		126.7	
	LSD (0.05)		12.1		8.8		6.6	
	CV (%)		7.3		7.0		6.0	

[†] 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.

[‡] 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: Grain yield at this site was significantly lower than previous years.
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5 Year Average Test Weight = 60.1 lbs/bu 5 Year Average Grain Protein = 11.4%

Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
5	WB RIMROCK	HRW		61.8	40.5	13.8
10	WHETSTONE	HRW		62.3	39.5	14.8
6	WB ARROWHEAD	HRW		63.4	40.3	13.9
9	AZIMUT	HRW		54.9	33.3	14.7
19	OR2090046H	HWW		62.7	39.8	14.4
17	OR2080229H	HWW		62.4	41.5	13.7
23	OR2090028H	HWW		60.8	40.8	14.2
24	OR2090029H	HWW		60.4	41.8	14.9
8	ALTIGO	HRW		56.3	41.5	14.1
20	OR2090107H	HWW		58.6	39.3	14.0
2	NORWEST 553*	HRW		62.0	35.3	14.0
1	SKILES*	SWW		60.7	37.5	14.3
16	OR2080227H	HWW		59.1	39.8	14.2
15	OR2080156H	HWW		61.0	39.0	14.8
25	OR2090100H	HWW		58.9	35.8	14.0
21	OR2080055H	HWW		60.8	43.3	15.4
11	AP 503CL2	HRW		63.0	38.0	15.2
3	UI SRG	HRW		59.6	50.5	14.7
14	OR2070174H	HWW		59.8	39.5	15.6
22	OR2080237H	HWW		58.2	37.8	15.6
13	UI SILVER	HWW		61.9	46.5	14.2
18	OR2080236H	HWW		57.4	39.3	16.2
12	UI GRACE	HWW		59.8	55.3	16.7
4	YS 400	HRW		60.8	49.3	16.8
7	KELDIN	HRW				
	Site Average			60.3	41.0	14.7
	LSD (0.05)			1.5	4.0	0.9
	CV (%)			1.7	6.9	4.0

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