



2013 OREGON HARD WINTER ELITE YIELD TRIALS CONDON



Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability reduced site quality score.

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

5 Year Average Yield = 48.6 bu/ac

Entry	Variety	Class	2013 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
15	WHETSTONE	HRW	55.5	1	50.1	5	60.5	4
23	OR 2090107H	HWW	51.2	2	50.9	3	61.0	3
9	DAS 001	HRW	51.2	3				
1	SKILES*	SWW	50.8	4	49.2	7		
14	KELDIN	HRW	49.8	5	52.9	1		
12	WB-RIMROCK	HRW	49.5	6	49.8	6	59.3	5
17	IDO 1101	HWW	49.4	7				
20	OR 2080227H	HWW	48.4	8	51.6	2	61.5	2
22	OR 2080236H	HWW	47.0	9	48.0	8	55.6	9
11	GENESIS	HRW	47.0	10				
4	IDO 1102	HRW	46.0	11				
24	OR 2100061H	HWW	46.0	12				
5	IDO 1103	HRW	44.4	13				
3	UI SRG	HRW	43.8	14	44.8	9	56.3	7
7	AZIMUT	HRW	43.2	15	50.2	4	61.7	1
10	DAS 002	HRW	40.9	16				
18	UI SILVER	HWW	40.1	17	40.4	14	49.6	12
6	IDO 816	HRW	37.9	18				
13	WB-ARROWHEAD	HRW	37.5	19	41.7	13	51.4	10
19	OR 2080156H	HWW	36.2	20	42.1	12	51.4	11
25	OR 2100081H	HWW	35.6	21				
8	NSA 06-4663	HRW	34.6	22				
21	OR 2080229H	HWW	32.9	23	43.9	10	55.9	8
2	NORWEST 553	HRW	32.9	24	43.7	11	57.0	6
16	AP 503 CL2	HRW	28.5	25	37.3	15	46.9	13
	Site Average		43.2		46.5		56.0	
	LSD (0.05)		8.7		4.4		5.1	
	CV (%)		12.1		8.9		10.7	

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

5 Year Average Test Weight = 60.5 lbs/bu 5 Year Average Grain Protein = 10.7%

Entry	Variety	Class	Test Weight	Plant Height	Protein
			lbs/bu	inches	%
15	WHETSTONE	HRW	63.7	46.3	8.7
23	OR 2090107H	HWW	62.4	45.8	8.6
9	DAS 001	HRW	63.3	40.8	9.1
1	SKILES*	SWW	62.8	39.4	9.4
14	KELDIN	HRW	63.8	44.3	8.4
12	WB-RIMROCK	HRW	63.6	43.3	9.3
17	IDO 1101	HWW	63.8	39.9	8.9
20	OR 2080227H	HWW	63.7	43.8	8.4
22	OR 2080236H	HWW	62.9	44.8	9.0
11	GENESIS	HRW	62.2	39.4	9.1
4	IDO 1102	HRW	63.1	43.8	9.3
24	OR 2100061H	HWW	63.0	42.3	8.7
5	IDO 1103	HRW	63.4	42.3	9.3
3	UI SRG	HRW	62.8	46.3	9.0
7	AZIMUT	HRW	61.1	36.4	8.5
10	DAS 002	HRW	63.8	44.8	9.0
18	UI SILVER	HWW	63.6	43.8	8.9
6	IDO 816	HRW	62.3	48.7	9.4
13	WB-ARROWHEAD	HRW	63.6	47.2	9.8
19	OR 2080156H	HWW	62.9	42.3	8.7
25	OR 2100081H	HWW	63.5	39.9	9.4
8	NSA 06-4663	HRW	62.1	36.4	8.6
21	OR 2080229H	HWW	63.4	46.3	8.6
2	NORWEST 553	HRW	63.0	39.4	9.4
16	AP 503 CL2	HRW	65.1	41.8	10.1
	Site Average		63.2	42.8	9.0
	LSD (0.05)		0.7	3.6	0.6
	CV (%)		0.8	6.0	4.8

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