



2013 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

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

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

5 Year Average Yield = 97.8 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
20	OR 2080227H	HWW	84.4	1	102.9	4	121.7	3
25	OR 2100081H	HWW	81.8	2				
1	SKILES*	SWW	81.7	3	108.0	2		
12	WB-RIMROCK	HRW	79.7	4	62.3	15	56.7	13
11	GENESIS	HRW	79.4	5				
21	OR 2080229H	HWW	78.5	6	110.1	1	124.7	1
17	IDO 1101	HWW	77.8	7				
19	OR 2080156H	HWW	77.6	8	98.5	6	109.0	6
2	NORWEST 553	HRW	77.6	9	99.0	5	116.3	4
8	NSA 06-4663	HRW	76.1	10				
9	DAS 001	HRW	75.8	11				
7	AZIMUT	HRW	75.7	12	107.4	3	124.5	2
22	OR 2080236H	HWW	74.8	13	93.9	8	110.9	5
5	IDO 1103	HRW	72.0	14				
24	OR 2100061H	HWW	69.8	15				
10	DAS 002	HRW	69.6	16				
6	IDO 816	HRW	69.6	17				
23	OR 2090107H	HWW	69.4	18	93.3	9	102.0	8
15	WHETSTONE	HRW	68.8	19	88.2	10	91.2	9
14	KELDIN	HRW	68.7	20	96.1	7		
3	UI SRG	HRW	68.5	21	72.5	14	78.8	11
13	WB-ARROWHEAD	HRW	68.2	22	87.6	11	103.3	7
18	UI SILVER	HWW	65.9	23	78.5	12	82.4	10
16	AP 503 CL2	HRW	64.7	24	72.5	13	77.2	12
4	IDO 1102	HRW	59.3	25				
	Site Average		73.4		92.2		100.8	
	LSD (0.05)		11.7		7.6		6.5	
	CV (%)		10.0		7.6		7.5	

[†] 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 = 60.3 lbs/bu 5 Year Average Grain Protein = 11.5%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein
			lbs/bu	inches	DOY	%
20	OR 2080227H	HWW	63.8	34.0	137.0	9.6
25	OR 2100081H	HWW	63.0	31.0	137.0	10.1
1	SKILES*	SWW	63.1	32.0	140.0	10.3
12	WB-RIMROCK	HRW	63.4	33.0	139.0	9.7
11	GENESIS	HRW	62.8	25.1	134.5	10.0
21	OR 2080229H	HWW	64.2	33.5	139.0	9.4
17	IDO 1101	HWW	63.2	30.0	137.0	9.6
19	OR 2080156H	HWW	63.4	32.0	139.0	10.6
2	NORWEST 553	HRW	63.1	29.5	137.0	10.7
8	NSA 06-4663	HRW	62.3	27.6	137.0	9.6
9	DAS 001	HRW	62.5	30.5	133.5	10.0
7	AZIMUT	HRW	62.0	25.1	135.5	9.7
22	OR 2080236H	HWW	63.2	30.5	141.0	10.3
5	IDO 1103	HRW	63.8	32.5	138.0	10.4
24	OR 2100061H	HWW	62.5	31.5	137.0	9.9
10	DAS 002	HRW	63.6	31.5	134.3	10.4
6	IDO 816	HRW	63.7	36.9	141.0	10.7
23	OR 2090107H	HWW	62.8	33.5	141.0	9.9
15	WHETSTONE	HRW	64.1	30.5	135.0	10.6
14	KELDIN	HRW	63.7	32.0	136.5	9.9
3	UI SRG	HRW	63.6	39.4	140.0	10.2
13	WB-ARROWHEAD	HRW	62.8	31.0	136.5	10.3
18	UI SILVER	HWW	64.0	35.9	139.0	9.8
16	AP 503 CL2	HRW	64.0	28.1	133.3	10.5
4	IDO 1102	HRW	63.8	32.0	137.0	10.3
	Site Average		63.3	31.5	137.4	10.1
	LSD (0.05)		0.9	2.7	1.9	0.8
	CV (%)		1.0	6.1	1.0	5.7

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