



2014 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index[†] = 3.5

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 = 93.0 bu/ac

Entry	Variety	Class	2014 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
1	BOBTAIL*	SWW	147.0	1				
10	NSA 10-7208	HRW	146.9	2				
16	KELDIN	HRW	146.2	3	107.4	4	114.3	2
6	LCS AZIMUT	HRW	139.6	4	112.3	1	119.1	1
20	04PN047-7	HWW	138.8	5				
7	LCS COLONIA	HRW	138.7	6				
9	LCS ALLEZY	HRW	137.0	7				
11	DAS 001	HRW	135.9	8	110.2	3		
15	WB ARROWHEAD	HRW	134.7	9	101.4	9	104.7	5
13	GENESIS	HRW	134.6	10	110.9	2		
25	OR2100082H	HWW	133.5	11				
17	WHETSTONE	HRW	132.9	12	100.8	10	104.4	6
19	07PN013#38	HRW	132.6	13				
24	OR2100073H	HWW	131.6	14				
5	IDO 1101	HWW	131.1	15	104.4	6		
4	IDO 1103	HRW	126.4	16	103.1	8		
23	OR2100081H	HWW	125.7	17	103.8	7		
21	UI SILVER	HWW	124.9	18	105.2	5	99.1	7
22	OR2080236H	HWW	124.1	19	99.5	13	104.9	4
12	DAS 002	HRW	123.8	20	100.6	11		
8	LCS EVINA	HRW	123.6	21				
18	AP 503 CL2	HRW	123.4	22	94.1	16	92.9	8
2	NORWEST 553	HRW	121.7	23	99.6	12	106.6	3
3	UI SRG	HRW	116.2	24	95.8	15	88.4	9
14	WB RIMROCK	HRW	112.0	25	98.2	14	82.2	10
	Site Average		131.2		102.8		102.0	
	LSD (0.05)		10.7		8.1		6.5	
	CV (%)		5.7		7.6		7.4	

[†] 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.



2014 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index[†] = 3.5

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 Test Weight = 61.4 lbs/bu

5 Year Average Grain Protein = 10.8%

Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein
				lbs/bu	inches	DOY	%
1	BOBTAIL*	SWW		59.1	36.4	144.3	9.6
10	NSA 10-7208	HRW		61.7	35.4	138.8	10.5
16	KELDIN	HRW		63.3	38.4	141.3	10.0
6	LCS AZIMUT	HRW		58.3	31.5	139.5	11.1
20	04PN047-7	HWW		61.9	36.9	142.8	9.7
7	LCS COLONIA	HRW		59.7	36.4	144.8	10.9
9	LCS ALLEZY	HRW		59.9	33.5	145.0	10.2
11	DAS 001	HRW		63.1	43.3	137.8	10.8
15	WB ARROWHEAD	HRW		63.3	40.8	141.3	11.1
13	GENESIS	HRW		61.8	33.0	137.0	11.8
25	OR2100082H	HWW		61.8	39.4	140.8	10.2
17	WHETSTONE	HRW		62.1	38.9	138.8	11.1
19	07PN013#38	HRW		61.9	31.5	141.3	10.1
24	OR2100073H	HWW		62.5	38.4	143.0	10.3
5	IDO 1101	HWW		63.8	35.9	139.8	9.7
4	IDO 1103	HRW		63.2	38.4	144.5	10.9
23	OR2100081H	HWW		60.9	36.9	142.0	11.3
21	UI SILVER	HWW		62.4	42.3	146.3	10.7
22	OR2080236H	HWW		61.4	35.9	146.3	10.9
12	DAS 002	HRW		63.6	41.8	138.8	11.5
8	LCS EVINA	HRW		62.0	40.8	146.0	11.6
18	AP 503 CL2	HRW		63.7	37.4	138.3	10.7
2	NORWEST 553	HRW		62.4	34.9	139.8	11.2
3	UI SRG	HRW		61.5	47.2	145.5	11.0
14	WB RIMROCK	HRW		60.4	39.9	141.8	10.6
	Site Average			61.8	37.8	141.8	10.7
	LSD (0.05)			0.9	1.9	2.2	1.1
	CV (%)			1.1	3.6	1.1	7.3

[†] 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.