



2014 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



Site Quality Index[†] = 3.5
1 = Poor 3 = Average 5 = Excellent

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

5 Year Average Yield = 112.3 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
10	NSA 10-7208	HRW	208.3	1				
8	LCS EVINA	HRW	207.9	2				
20	04PN047-7	HWW	205.0	3				
7	LCS COLONIA	HRW	202.6	4				
23	OR2100081H	HWW	189.1	5	181.4	1		
13	GENESIS	HRW	188.8	6	156.1	3		
6	LCS AZIMUT	HRW	184.9	7	145.5	7	136.5	2
9	LCS ALLEZY	HRW	184.0	8				
2	NORWEST 553	HRW	179.9	9	165.8	2	152.3	1
1	BOBTAIL*	SWW	179.1	10				
25	OR2100082H	HWW	169.2	11				
19	07PN013#38	HRW	164.0	12				
11	DAS 001	HRW	161.5	13	146.8	6		
24	OR2100073H	HWW	160.9	14				
15	WB ARROWHEAD	HRW	152.7	15	133.4	10	119.6	5
22	OR2080236H	HWW	150.8	16	149.0	4	133.4	3
12	DAS 002	HRW	149.4	17	136.8	9		
16	KELDIN	HRW	141.2	18	147.4	5	110.8	8
5	IDO 1101	HWW	133.2	19	145.0	8		
4	IDO 1103	HRW	132.1	20	115.6	15		
17	WHETSTONE	HRW	121.9	21	130.3	12	119.7	4
18	AP 503 CL2	HRW	121.8	22	133.2	11	116.7	7
14	WB RIMROCK	HRW	116.9	23	129.2	13	117.7	6
21	UI SILVER	HWW	116.4	24	106.6	16	91.9	10
3	UI SRG	HRW	115.9	25	128.1	14	110.5	9
	Site Average		161.0		140.8		121.3	
	LSD (0.05)		19.7		14.2		10.0	
	CV (%)		7.9		9.3		9.7	

[†] 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.

[¶] Visual ratings of plot damage range from 1 to 10, where 1 represents no visible damage and 10 represents significant damage.

* Indicates check variety.



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

5 Year Average Test Weight = 61.8 lbs/bu 5 Year Average Grain Protein = 11.2%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein	Winter Hardiness Rating [‡]
			lbs/bu	inches	DOY	%	%	1 to 10
10	NSA 10-7208	HRW	62.7	38.9	130.3	0.0	12.7	1.0
8	LCS EVINA	HRW	62.7	45.3	136.8	0.0	13.3	1.0
20	04PN047-7	HWW	61.7	42.3	134.8	1.3	11.8	1.0
7	LCS COLONIA	HRW	60.5	40.4	136.8	1.3	12.1	1.0
23	OR2100081H	HWW	60.7	40.8	133.8	0.0	12.4	2.3
13	GENESIS	HRW	62.6	38.9	126.5	13.8	12.2	1.0
6	LCS AZIMUT	HRW	59.5	36.4	127.3	12.5	12.8	1.0
9	LCS ALLEZY	HRW	58.6	36.4	136.3	5.0	12.3	2.0
2	NORWEST 553	HRW	62.1	38.9	135.5	0.0	12.1	3.8
1	BOBTAIL*	SWW	58.6	39.4	133.5	32.5	12.5	1.0
25	OR2100082H	HWW	60.3	41.3	133.5	0.0	13.4	4.0
19	07PN013#38	HRW	61.0	33.0	136.8	1.3	12.3	9.0
11	DAS 001	HRW	62.9	41.8	125.0	16.3	13.0	1.0
24	OR2100073H	HWW	61.6	44.8	134.0	15.0	13.0	1.0
15	WB ARROWHEAD	HRW	62.5	41.3	129.5	77.5	12.8	1.0
22	OR2080236H	HWW	60.0	41.3	135.3	0.0	12.6	7.5
12	DAS 002	HRW	63.3	40.8	127.5	22.5	13.2	1.0
16	KELDIN	HRW	62.5	37.9	130.8	87.5	12.9	1.0
5	IDO 1101	HWW	62.8	37.4	129.3	67.5	12.8	1.0
4	IDO 1103	HRW	62.8	40.8	128.8	56.3	12.3	1.0
17	WHETSTONE	HRW	61.3	37.4	127.5	68.8	13.6	1.0
18	AP 503 CL2	HRW	63.0	39.9	126.0	77.5	13.4	1.0
14	WB RIMROCK	HRW	59.9	36.4	132.0	93.8	12.1	1.0
21	UI SILVER	HWW	61.9	39.4	134.5	71.3	12.5	1.0
3	UI SRG	HRW	61.1	46.8	134.8	78.8	13.2	1.0
	Site Average		61.5	39.9	131.9	32.0	12.6	1.9
	LSD (0.05)		1.1	3.2	2.6	24.7	0.9	0.8
	CV (%)		1.3	5.6	1.4	54.7	4.7	29.0

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