



## 2013 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON-SOILBORNE WHEAT MOSAIC VIRUS



Site Quality Index<sup>†</sup> = 3

1 = Poor 3 = Average 5 = Excellent

**Site Description: Established to evaluate varieties for soilborne wheat mosaic virus.**

**Site was fertilized for hard red winter wheat production.**

**Two year data is from 2011 and 2013, no data was available for 2012.**

Entry	Variety	Class	2013 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
13	WB-ARROWHEAD	HRW	136.6	1	126.3	2		
25	OR 2100081H	HWW	<b>129.9</b>	2				
11	GENESIS	HRW	129.2	3	107.0	8		
9	DAS 001	HRW	<b>128.9</b>	4				
24	OR 2100061H	HWW	<b>126.1</b>	5				
8	NSA 06-4663	HRW	<b>122.1</b>	6				
10	DAS 002	HRW	<b>118.4</b>	7				
15	WHETSTONE	HRW	<b>115.4</b>	8	83.0	12		
7	AZIMUT	HRW	<b>114.9</b>	9	127.8	1		
2	NORWEST 553	HRW	<b>108.4</b>	10	124.7	3		
21	OR 2080229H	HWW	<b>107.8</b>	11	123.5	4		
20	OR 2080227H	HWW	<b>107.5</b>	12	123.4	5		
5	IDO 1103	HRW	<b>105.2</b>	13				
1	SKILES*	SWW	104.4	14				
17	IDO 1101	HWW	<b>102.2</b>	15				
19	OR 2080156H	HWW	<b>100.2</b>	16	110.8	7		
3	UI SRG	HRW	<b>97.6</b>	17	102.4	9		
16	AP 503 CL2	HRW	<b>97.1</b>	18	84.4	11		
4	IDO 1102	HRW	<b>95.9</b>	19				
22	OR 2080236H	HWW	<b>95.0</b>	20	114.2	6		
6	IDO 816	HRW	<b>93.0</b>	21				
23	OR 2090107H	HWW	<b>84.8</b>	22				
14	KELDIN	HRW	<b>83.2</b>	23				
18	UI SILVER	HWW	<b>82.1</b>	24	87.9	10		
12	WB-RIMROCK	HRW	<b>53.5</b>	25	52.2	13		
	Site Average		105.8		105.4			
	LSD (0.05)		12.9		10.1			
	CV (%)		7.8		9.1			

<sup>†</sup> 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.

<sup>‡</sup> 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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Entry	Variety	Class	Test Weight	Plant Height	Lodging	Protein	SBMV Rating
			lbs/bu	inches	%	%	1 to 10
13	WB-ARROWHEAD	HRW	58.9	35.0	48.8	12.4	3.0
25	OR 2100081H	HWW	56.2	35.8	7.5	13.5	3.0
11	GENESIS	HRW	55.6	40.0	42.5	12.0	1.0
9	DAS 001	HRW	59.5	38.0	12.5	13.2	3.5
24	OR 2100061H	HWW	58.4	38.3	20.0	13.1	6.3
8	NSA 06-4663	HRW	55.3	39.0	47.5	12.9	6.5
10	DAS 002	HRW	60.8	33.3	33.8	13.8	5.3
15	WHETSTONE	HRW	58.6	38.3	60.0	13.4	1.3
7	AZIMUT	HRW	54.2	33.8	43.8	12.9	5.8
2	NORWEST 553	HRW	57.0	41.3	40.0	14.2	6.7
21	OR 2080229H	HWW	59.2	36.0	37.5	13.3	7.5
20	OR 2080227H	HWW	54.4	41.3	36.3	13.3	6.8
5	IDO 1103	HRW	57.9	34.8	12.5	14.4	5.0
1	SKILES*	SWW	57.2	35.0	20.0	13.7	6.0
17	IDO 1101	HWW	56.2	41.0	46.3	13.3	3.8
19	OR 2080156H	HWW	58.6	36.0	15.0	14.3	7.5
3	UI SRG	HRW	55.6	39.0	33.8	14.2	5.3
16	AP 503 CL2	HRW	54.9	36.5	26.3	13.4	1.0
4	IDO 1102	HRW	57.3	36.5	18.8	14.4	4.5
22	OR 2080236H	HWW	54.1	38.5	38.8	15.0	4.5
6	IDO 816	HRW	56.9	33.3	7.5	13.4	4.8
23	OR 2090107H	HWW	51.7	39.0	21.3	13.5	6.3
14	KELDIN	HRW	53.9	36.8	28.8	12.9	3.5
18	UI SILVER	HWW	56.5	37.0	17.5	14.1	5.5
12	WB-RIMROCK	HRW	47.8	34.8	27.5	12.8	5.3
	Site Average		56.3	37.1	29.8	13.5	
	LSD (0.05)		2.5	4.7	NS	0.7	1.4
	CV (%)		3.1	9.0	125.4	3.8	

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