



2015 OREGON HARD WINTER ELITE YIELD TRIALS PARMA, ID (Irrigated)



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.

Collaborative project with University of Idaho Cereal Extension programs. Long term data is not available for this site.

Entry	Variety	Class	2015 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
6	LCS JET (NSA 10-7208)	HRW	168.3	1	172.9	1		
9	LCS AYMERIC	HRW	167.0	2				
7	NSA 10-2196	HRW	163.4	3				
2	NORWEST 553*	HRW	156.7	4	160.0	7	153.1	6
12	KELDIN	HRW	155.5	5	167.6	2	163.0	1
25	OR 2120276H	HWW	154.7	6				
3	LCS AZIMUT	HRW	154.6	7	161.1	5	157.2	2
11	WB ARROWHEAD	HRW	153.5	8	159.4	8	153.5	5
20	OR 2100081H	HWW	152.6	9	160.1	6	156.1	4
8	HE 9817/1.2	HRW	150.5	10				
18	IDO 1101	HWW	149.5	11	163.7	4	156.3	3
24	OR 2111025	HWW	147.9	12				
5	LCS EVINA	HRW	147.7	13	152.3	11		
21	OR 2110664	HWW	147.4	14				
19	OR 2120040R	HRW	146.6	15				
16	OR 2120012R	HRW	145.6	16				
4	LCS COLONIA	HRW	144.8	17	154.4	10		
1	BOBTAIL*	SWW	143.8	18	166.6	3		
13	WHETSTONE	HRW	143.3	19	158.0	9	151.8	7
17	UI SILVER	HWW	141.3	20	147.8	13	143.4	8
15	CLEARSTONE CL2	HRW	138.0	21				
23	OR 2110697	HWW	137.7	22				
22	OR 2110679	HWW	136.0	23				
14	07PN013#38	HRW	134.2	24	148.1	12		
10	DAS 001	HRW	118.5	25	145.7	14	138.7	9
	Site Average		148.3		158.4		152.6	
	LSD (0.05)		14.1		10.5		11.4	
	CV (%)		6.6		6.4		9.0	

[†] 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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Entry	Variety	Class	Test Weight	Plant Height	Lodging	Protein
			lbs/bu	inches	%	%
6	LCS JET (NSA 10-7208)	HRW	61.0	39.9	0.0	10.5
9	LCS AYMERIC	HRW	58.0	34.4	0.0	9.7
7	NSA 10-2196	HRW	59.0	36.4	0.0	9.6
2	NORWEST 553*	HRW	60.9	37.9	0.0	10.6
12	KELDIN	HRW	62.3	41.3	0.0	10.1
25	OR 2120276H	HWW	62.0	41.3	1.3	11.4
3	LCS AZIMUT	HRW	58.1	34.4	0.0	10.7
11	WB ARROWHEAD	HRW	62.1	44.3	2.5	10.9
20	OR 2100081H	HWW	60.1	41.3	1.3	11.4
8	HE 9817/1.2	HRW	62.8	43.8	0.0	10.8
18	IDO 1101	HWW	62.1	37.9	2.5	11.3
24	OR 2111025	HWW	61.9	41.8	0.0	11.0
5	LCS EVINA	HRW	61.6	46.3	0.0	11.4
21	OR 2110664	HWW	60.2	41.3	0.0	11.6
19	OR 2120040R	HRW	60.1	40.4	1.3	11.3
16	OR 2120012R	HRW	62.0	40.4	0.0	10.6
4	LCS COLONIA	HRW	58.7	38.4	0.0	10.6
1	BOBTAIL*	SWW	58.3	38.4	5.0	9.8
13	WHETSTONE	HRW	61.9	42.3	2.5	11.2
17	UI SILVER	HWW	61.5	42.8	90.0	10.2
15	CLEARSTONE CL2	HRW	61.2	45.3	50.0	10.6
23	OR 2110697	HWW	59.2	34.9	0.0	12.1
22	OR 2110679	HWW	60.1	40.8	0.0	11.4
14	07PN013#38	HRW	60.6	34.9	0.0	11.6
10	DAS 001	HRW	62.2	42.3	0.0	10.7
	Site Average		60.7	40.1	6.3	10.8
	LSD (0.05)			1.8	15.1	0.9
	CV (%)		0.8	3.2	171.5	5.7

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