



2016 OREGON HARD WINTER ELITE YIELD TRIALS LAGRANDE (Irrigated)



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Lower than average grain yields and high plot to plot variability reduced site quality index score.

5 Year Average Yield = 114.1 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2016 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	MD	109.9	1	102.1	3	117.8	3
8	LCS AYMERIC	HRW		109.3	2	106.3	1		
22	OR 2120012R	HRW		108.2	3	92.3	11		
17	WA 8248	HRW		107.8	4				
3	LCS AZIMUT	HRW	U	107.0	5	104.5	2	119.5	2
18	WA 8249	HRW		103.4	6				
21	AVERY	HRW		101.6	7				
7	NSA 10-2196	HRW		101.5	8	100.3	4		
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		99.3	9				
30	OR 2120311H	HWW		99.2	10				
4	LCS COLONIA	HRW	LD	98.3	11	98.5	5	113.5	5
24	UI SILVER	HWW	MD	96.1	12	93.3	9	93.1	11
20	DENALI	HRW		94.4	13				
29	OR 2120276H	HWW		94.0	14	90.6	13		
6	LCS JET	HRW		91.0	15	97.8	7	122.1	1
2	NORWEST 553*	HRW	D	90.3	16	89.2	16	107.9	9
14	WHETSTONE	HRW	MD	90.2	17	91.2	12	113.1	6
9	NSA 11-8010	HRW		90.0	18				
28	OR 2111025	HWW		90.0	19	97.9	6		
5	LCS EVINA	HRW		88.9	20	90.0	14	110.4	8
26	OR 2110664	HWW		88.9	21	89.9	15		
10	HE 181/3	HRW		88.6	22				
16	CLEARSTONE CL2	HRW		88.5	23	93.2	10		
12	KELDIN	HRW	LD	87.9	24	93.8	8	116.2	4
19	BRAWL CL+	HRW		87.7	25				
25	IDO 1101	HWW		86.3	26	86.1	18	101.6	10
23	ANTERO	HWW		86.2	27				
27	OR 2110679	HWW		84.4	28	84.9	19		
11	WB ARROWHEAD	HRW	MD	80.6	29	87.1	17	111.1	7
13	WB 4623 CLP	HRW		76.0	30				
	Site Average			93.9		94.0		111.6	
	LSD (0.05)			12.2		11.3		9.2	
	CV (%)			8.4		11.6		9.8	

[†] 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.

[‡] Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; U = Unacceptable



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5 Year Average Test Weight = 60.2 lbs/bu 5 Year Average Grain Protein = 12.6%

Entry	Variety	Class	Test Weight	Plant Height	Protein
			lbs/bu	inches	%
1	BOBTAIL*	SWW	60.1	35.3	12.0
8	LCS AYMERIC	HRW	58.9	34.5	10.3
22	OR 2120012R	HRW	61.1	36.8	12.3
17	WA 8248	HRW	61.8	36.8	13.3
3	LCS AZIMUT	HRW	58.6	31.5	11.8
18	WA 8249	HRW	62.4	34.5	12.6
21	AVERY	HRW	62.5	37.8	11.4
7	NSA 10-2196	HRW	59.6	34.8	11.8
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	61.3	32.3	12.4
30	OR 2120311H	HWW	61.1	36.0	12.7
4	LCS COLONIA	HRW	59.5	35.3	12.1
24	UI SILVER	HWW	63.1	37.5	11.9
20	DENALI	HRW	63.1	35.3	12.6
29	OR 2120276H	HWW	61.9	36.0	12.7
6	LCS JET	HRW	60.5	34.5	12.5
2	NORWEST 553*	HRW	62.7	31.8	12.2
14	WHETSTONE	HRW	62.3	37.8	12.4
9	NSA 11-8010	HRW	58.5	32.0	11.8
28	OR 2111025	HWW	62.5	37.3	13.1
5	LCS EVINA	HRW	60.6	38.8	14.2
26	OR 2110664	HWW	61.8	34.5	12.3
10	HE 181/3	HRW	60.5	39.8	12.9
16	CLEARSTONE CL2	HRW	61.2	38.3	13.2
12	KELDIN	HRW	62.0	36.0	13.1
19	BRAWL CL+	HRW	63.0	36.8	14.2
25	IDO 1101	HWW	62.4	32.5	12.5
23	ANTERO	HWW	63.0	38.0	12.3
27	OR 2110679	HWW	61.1	35.3	13.0
11	WB ARROWHEAD	HRW	62.1	38.0	13.1
13	WB 4623 CLP	HRW	62.7	35.3	13.9
	Site Average		61.4	35.7	12.5
	LSD (0.05)		0.8	2.9	1.2
	CV (%)		0.9	5.8	6.6

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