



2016 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



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

Site Description: Stripe rust was not controlled at this site.
2-Year yield data from 2016 and 2014. Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Yield = 125.7 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	133.9	1	153.3	5		
7	NSA 10-2196	HRW		130.0	2				
3	LCS AZIMUT	HRW	U	127.6	3	160.3	3		
6	LCS JET	HRW		125.9	4	167.1	1		
27	OR 2110679	HWW		122.2	5				
4	LCS COLONIA	HRW	LD	119.3	6	161.0	2		
17	WA 8248	HRW		117.4	7				
5	LCS EVINA	HRW		117.3	8	156.1	4		
8	LCS AYMERIC	HRW		115.9	9				
14	WHETSTONE	HRW	MD	113.9	10	117.4	9		
2	NORWEST 553*	HRW	D	112.7	11	151.1	6		
13	WB 4623 CLP	HRW		112.2	12				
26	OR 2110664	HWW		111.5	13				
30	OR 2120311H	HWW		111.1	14				
22	OR 2120012R	HRW		110.4	15				
10	HE 181/3	HRW		108.1	16				
29	OR 2120276H	HWW		107.6	17				
9	NSA 11-8010	HRW		106.3	18				
28	OR 2111025	HWW		105.9	19				
12	KELDIN	HRW	LD	105.6	20	117.5	8		
18	WA 8249	HRW		104.3	21				
23	ANTERO	HWW		103.8	22				
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		103.7	23				
11	WB ARROWHEAD	HRW	MD	100.8	24	126.7	7		
16	CLEARSTONE CL2	HRW		96.4	25				
25	IDO 1101	HWW		93.6	26	110.6	10		
19	BRAWL CL+	HRW		91.4	27				
24	UI SILVER	HWW	MD	85.8	28	101.1	11		
21	AVERY	HRW		75.6	29				
20	DENALI	HRW		73.3	30				
	Site Average			107.6		137.3			
	LSD (0.05)			15.5		15.0			
	CV (%)			9.6		10.1			

[†] 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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Site Description: Stripe rust was not controlled at this site.
2-Year yield data from 2016 and 2014. Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Test Weight = 61.7 lbs/bu 5 Year Average Grain Protein = 11.7%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Lodging %	Protein %	Stripe Rust 5/26/2016 % Severity
1	BOBTAIL*	SWW	61.5	33.0	122.0	52.5	12.3	0.0
7	NSA 10-2196	HRW	60.6	28.1	115.0	6.7	13.6	0.5
3	LCS AZIMUT	HRW	61.2	25.1	116.0	5.0	13.2	0.0
6	LCS JET	HRW	61.2	29.5	117.0	0.0	12.9	10.5
27	OR 2110679	HWW	63.1	31.5	120.8	22.5	13.5	5.0
4	LCS COLONIA	HRW	61.2	31.0	117.3	0.0	13.2	0.0
17	WA 8248	HRW	62.2	32.5	119.3	20.0	14.4	12.5
5	LCS EVINA	HRW	61.7	33.0	118.0	0.0	15.9	0.0
8	LCS AYMERIC	HRW	61.2	27.6	120.7	10.0	13.2	0.0
14	WHETSTONE	HRW	63.5	33.5	115.0	22.5	14.3	41.3
2	NORWEST 553*	HRW	63.2	31.5	118.0	0.0	13.6	0.0
13	WB 4623 CLP	HRW	63.2	31.0	118.8	32.5	15.1	7.5
26	OR 2110664	HWW	62.6	32.0	120.3	5.0	13.5	8.8
30	OR 2120311H	HWW	62.4	32.5	120.3	8.8	13.6	20.0
22	OR 2120012R	HRW	62.4	30.5	119.8	46.3	14.1	16.3
10	HE 181/3	HRW	61.1	33.5	118.5	0.0	12.9	0.0
29	OR 2120276H	HWW	63.1	34.0	120.3	32.5	13.7	11.3
9	NSA 11-8010	HRW	61.3	25.6	115.0	0.0	12.7	0.0
28	OR 2111025	HWW	63.6	34.0	118.5	7.5	14.0	1.8
12	KELDIN	HRW	62.8	33.5	120.8	15.0	13.2	72.5
18	WA 8249	HRW	63.0	32.5	115.0	52.5	16.3	0.0
23	ANTERO	HWW	63.2	34.0	117.8	95.0	13.3	52.5
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	63.6	29.5	117.5	0.0	13.6	1.8
11	WB ARROWHEAD	HRW	63.5	34.4	117.3	0.0	15.0	12.5
16	CLEARSTONE CL2	HRW	62.9	36.4	117.0	25.0	13.6	67.5
25	IDO 1101	HWW	63.7	32.0	119.0	20.0	13.3	63.8
19	BRAWL CL+	HRW	63.6	33.5	116.0	43.3	14.4	78.8
24	UI SILVER	HWW	64.1	33.0	119.0	100.0	13.7	46.3
21	AVERY	HRW	61.0	29.0	115.0	92.5	11.9	95.0
20	DENALI	HRW	64.0	33.5	118.5	47.5	11.6	90.0
	Site Average		62.5	31.7	118.1	25.8	13.6	23.9
	LSD (0.05)		1.0	2.5	2.7	36.8	0.9	17.2
	CV (%)		1.1	5.6	1.6	99.2	4.4	51.2

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