



2017 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



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

Site Description: Stripe rust was not controlled at this site.

5 Year Average Yield = 101.5 bu/ac

Entry	Variety	Class	Quality Rating [‡]	2017 Yield Data [†]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
7	LWW14-73915	HRW		125.7	1				
5	NSA 10-2196	HRW		116.0	2	114.3	3	113.9	1
30	OR 2130118H	HWW		113.1	3				
14	XA 4103	HRW		112.5	4				
19	WA 8268	HRW		111.7	5				
29	OR 2120276H	HWW		111.1	6	111.1	4	108.9	5
6	LCS AYMERIC	HRW		110.6	7	115.7	2	112.6	2
1	BOBTAIL*	SWW	MD	110.5	8	119.6	1	111.5	3
24	OR 2130021R	HRW		109.7	9				
23	CO 12D1770	HRW		108.9	10				
10	REBELDE	HRW		108.4	11				
4	LCS JET	HRW	A	107.9	12	106.0	8	110.6	4
26	CO 12D2011	HWW		107.2	13				
17	SY TOUCHSTONE (04PN028B-3)	HRW		105.8	14	110.3	5		
27	OR 2110679	HWW		105.3	15	109.5	7	107.4	6
11	WB ARROWHEAD	HRW	MD	104.3	16	100.1	10	98.7	9
2	NORWEST 553*	HRW	D	103.5	17	109.9	6	104.2	7
25	IDO 1506	HWW		101.9	18				
20	WA 8269	HRW		101.5	19				
28	OR 2111025	HWW		100.4	20	102.2	9	99.6	8
9	METROPOLIS	HRW		100.3	21				
16	WHETSTONE	HRW	MD	94.2	22	92.4	13	92.0	11
15	XA 4104	HRW		93.9	23				
8	MANDALA	HRW		93.9	24				
18	CLEARSTONE CL2	HRW		93.0	25	85.3	14	88.9	12
3	LCS EVINA	HRW	D	90.8	26	99.2	11	96.9	10
13	WB 4623 CLP	HRW		90.5	27	96.4	12		
12	KELDIN	HRW	A	80.2	28	78.5	15	79.5	13
21	BRAWL CL+	HRW		54.9	29	46.0	16		
22	DENALI	HRW		33.8	30	35.2	17		
	Site Average			100.1		95.8		101.6	
	LSD (0.05)			8.2		6.5		7.0	
	CV (%)			5.9		6.6		8.3	

[†] 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 unpublshable
- 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; UCS = Unacceptable Except Customer-Specific Uses



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Site Quality Index[†] = 3.5

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Site Description: Stripe rust was not controlled at this site.

5 Year Average Test Weight = 61.5 lbs/bu 5 Year Average Grain Protein = 11.1%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein	Stripe Rust
			lbs/bu	inches	DOY	%	6/1/2017
							GS 10.1
							% Severity
7	LWW14-73915	HRW	61.2	35.8	143.5	13.0	0
5	NSA 10-2196	HRW	58.5	32.3	145.0	12.8	6
30	OR 2130118H	HWW	62.7	35.0	149.3	13.3	1
14	XA 4103	HRW	64.5	34.8	142.0	12.1	24
19	WA 8268	HRW	60.0	32.0	150.5	12.9	1
29	OR 2120276H	HWW	61.9	34.0	147.3	13.1	5
6	LCS AYMERIC	HRW	56.8	29.8	149.0	12.5	10
1	BOBTAIL*	SWW	54.8	35.0	153.0	13.5	0
24	OR 2130021R	HRW	60.9	34.8	150.5	13.6	0
23	CO 12D1770	HRW	64.2	32.3	146.5	12.5	13
10	REBELDE	HRW	63.3	30.3	144.0	14.2	0
4	LCS JET	HRW	61.2	34.0	146.8	13.2	6
26	CO 12D2011	HWW	65.4	34.5	144.5	12.2	31
17	SY TOUCHSTONE (04PN028B-3)	HRW	61.5	31.5	150.0	13.3	1
27	OR 2110679	HWW	59.5	35.3	150.0	13.4	5
11	WB ARROWHEAD	HRW	62.6	37.5	147.3	12.6	8
2	NORWEST 553*	HRW	61.1	30.8	150.0	13.6	0
25	IDO 1506	HWW	61.6	24.5	146.8	12.3	4
20	WA 8269	HRW	54.8	31.5	153.0	13.4	0
28	OR 2111025	HWW	61.2	35.3	150.5	13.4	3
9	METROPOLIS	HRW	62.2	31.3	143.3	13.4	35
16	WHETSTONE	HRW	61.9	35.8	148.3	12.5	20
15	XA 4104	HRW	63.9	31.0	143.0	12.3	46
8	MANDALA	HRW	62.9	38.3	151.0	13.8	24
18	CLEARSTONE CL2	HRW	60.6	39.3	150.0	12.9	26
3	LCS EVINA	HRW	57.3	40.3	156.0	16.4	0
13	WB 4623 CLP	HRW	62.8	38.0	149.5	14.2	21
12	KELDIN	HRW	62.2	35.3	150.0	12.3	45
21	BRAWL CL+	HRW	61.1	33.3	141.0	12.3	90
22	DENALI	HRW	63.3	26.3	150.5	11.4	91
	Site Average		61.2	33.6	148.1	13.1	17
	LSD (0.05)		1.4	1.9	1.3	0.8	7
	CV (%)		1.7	4.1	0.6	4.2	27

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