



2017 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



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

Site Description: Stripe rust was not controlled at this site.
Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.
Yield data from 2015 was not available due to excessive winter injury.

5 Year Average Yield = 126.5 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
1	BOBTAIL*	SWW	MD	153.9	1	143.9	1		
6	LCS AYMERIC	HRW		150.0	2	135.4	3		
5	NSA 10-2196	HRW		147.8	3	140.2	2		
7	LWW14-73915	HRW		143.2	4				
4	LCS JET	HRW	A	138.9	5	133.3	4		
19	WA 8268	HRW		138.6	6				
20	WA 8269	HRW		138.1	7				
28	OR 2111025	HWW		136.5	8	123.4	8		
30	OR 2130118H	HWW		136.1	9				
3	LCS EVINA	HRW	D	133.8	10	125.5	5		
24	OR 2130021R	HRW		133.5	11				
2	NORWEST 553*	HRW	D	133.1	12	124.3	7		
17	SY TOUCHSTONE (04PN028B-3)	HRW		132.6	13	118.1	9		
27	OR 2110679	HWW		127.5	14	124.9	6		
25	IDO 1506	HWW		127.0	15				
23	CO 12D1770	HRW		126.4	16				
10	REBELDE	HRW		124.2	17				
11	WB ARROWHEAD	HRW	MD	123.0	18	111.9	12		
8	MANDALA	HRW		122.6	19				
29	OR 2120276H	HWW		122.5	20	115.1	10		
14	XA 4103	HRW		121.2	21				
15	XA 4104	HRW		119.5	22				
9	METROPOLIS	HRW		118.6	23				
16	WHETSTONE	HRW	MD	115.3	24	114.5	11		
12	KELDIN	HRW	A	112.9	25	108.7	14		
18	CLEARSTONE CL2	HRW		108.0	26	101.4	15		
26	CO 12D2011	HWW		107.5	27				
13	WB 4623 CLP	HRW		106.0	28	109.1	13		
21	BRAWL CL+	HRW		87.1	29	89.3	16		
22	DENALI	HRW		75.7	30	74.5	17		
	Site Average			126.0		117.4			
	LSD (0.05)			12.6		12.2			
	CV (%)			6.9		9.9			

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

