



2017 OREGON HARD WINTER ELITE YIELD TRIALS LAGRANDE (Irrigated)



Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: High plot to plot variability increased CV and reduced site quality index score.

5 Year Average Yield = 106.2 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	159.6	1	134.7	1	119.3	1
4	LCS JET	HRW	A	156.9	2	117.4	4	110.9	4
5	NSA 10-2196	HRW		145.8	3	123.7	2	114.0	2
30	OR 2130118H	HWW		139.0	4				
29	OR 2120276H	HWW		135.9	5	115.0	5	105.7	6
28	OR 2111025	HWW		135.4	6	112.7	6	110.4	5
12	KELDIN	HRW	A	133.4	7	110.6	9	105.7	7
15	XA 4104	HRW		132.9	8				
2	NORWEST 553*	HRW	D	132.4	9	111.4	8	103.6	8
14	XA 4103	HRW		131.3	10				
19	WA 8268	HRW		130.9	11				
16	WHETSTONE	HRW	MD	130.5	12	110.4	10	103.0	9
7	LWW14-73915	HRW		129.8	13				
6	LCS AYMERIC	HRW		128.2	14	118.8	3	112.9	3
20	WA 8269	HRW		127.6	15				
9	METROPOLIS	HRW		126.8	16				
10	REBELDE	HRW		126.8	17				
3	LCS EVINA	HRW	D	124.1	18	106.5	11	100.2	11
17	SY TOUCHSTONE (04PN028B-3)	HRW		124.0	19	111.6	7		
25	IDO 1506	HWW		123.8	20				
11	WB ARROWHEAD	HRW	MD	123.6	21	105.2	14	100.4	10
23	CO 12D1770	HRW		122.9	22				
27	OR 2110679	HWW		121.1	23	105.4	13	98.1	12
24	OR 2130021R	HRW		120.9	24				
8	MANDALA	HRW		120.2	25				
26	CO 12D2011	HWW		117.6	26				
13	WB 4623 CLP	HRW		114.2	27	92.4	16		
22	DENALI	HRW		113.9	28	105.5	12		
21	BRAWL CL+	HRW		99.6	29	92.8	15		
18	CLEARSTONE CL2	HRW		86.1	30	87.4	17	91.3	13
	Site Average			126.9		109.0		105.6	
	LSD (0.05)			16.2		12.1		9.9	
	CV (%)			8.2		10.0		10.9	

[†] 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.

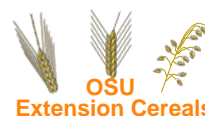
* Indicates check variety.

[¶] 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



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Site Description: High plot to plot variability increased CV and reduced site quality index score.

5 Year Average Test Weight = 60.0 lbs/bu 5 Year Average Grain Protein = 12.9%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
1	BOBTAIL*	SWW	57.2	34.3	11.0
4	LCS JET	HRW	61.4	31.3	11.4
5	NSA 10-2196	HRW	60.4	32.3	11.1
30	OR 2130118H	HWW	64.4	33.0	11.9
29	OR 2120276H	HWW	63.1	34.5	12.1
28	OR 2111025	HWW	63.1	35.8	11.4
12	KELDIN	HRW	63.2	34.3	11.8
15	XA 4104	HRW	64.6	33.0	12.2
2	NORWEST 553*	HRW	62.7	30.8	12.1
14	XA 4103	HRW	65.0	32.5	11.9
19	WA 8268	HRW	61.9	31.3	11.6
16	WHETSTONE	HRW	63.4	34.8	12.3
7	LWW14-73915	HRW	60.4	33.0	11.8
6	LCS AYMERIC	HRW	58.6	28.8	10.7
20	WA 8269	HRW	55.9	32.0	11.8
9	METROPOLIS	HRW	62.3	31.3	12.9
10	REBELDE	HRW	63.6	30.8	13.2
3	LCS EVINA	HRW	59.4	38.3	13.4
17	SY TOUCHSTONE (04PN028B-3)	HRW	63.3	31.8	12.5
25	IDO 1506	HWW	61.8	25.8	11.4
11	WB ARROWHEAD	HRW	63.6	38.0	11.6
23	CO 12D1770	HRW	64.4	33.5	11.9
27	OR 2110679	HWW	61.8	34.0	11.8
24	OR 2130021R	HRW	61.8	32.5	12.9
8	MANDALA	HRW	62.5	36.0	12.9
26	CO 12D2011	HWW	65.9	32.8	12.0
13	WB 4623 CLP	HRW	63.3	33.8	13.6
22	DENALI	HRW	63.7	36.0	10.3
21	BRAWL CL+	HRW	64.6	33.3	12.6
18	CLEARSTONE CL2	HRW	61.5	37.5	12.6
	Site Average		62.3	33.2	12.0
	LSD (0.05)		1.4	2.8	0.6
	CV (%)		1.6	6.1	3.8

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