



2017 OREGON HARD WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Foliar diseases were not controlled at this site. Septoria was the dominant foliar disease present.
Data for 2015 was not available for this site.

5 Year Average Yield = 122.8 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
4	LCS JET	HRW	A	150.9	1	146.3	1		
3	LCS EVINA	HRW	D	149.5	2	126.6	6		
5	NSA 10-2196	HRW		146.4	3	141.8	2		
6	LCS AYMERIC	HRW		142.0	4	132.9	3		
28	OR 2111025	HWW		141.1	5	129.3	4		
15	XA 4104	HRW		138.1	6				
30	OR 2130118H	HWW		135.0	7				
29	OR 2120276H	HWW		134.9	8	122.6	9		
17	SY TOUCHSTONE (04PN028B-3)	HRW		134.7	9	127.0	5		
23	CO 12D1770	HRW		134.0	10				
16	WHETSTONE	HRW	MD	132.8	11	126.4	7		
7	LWW14-73915	HRW		130.7	12				
24	OR 2130021R	HRW		129.2	13				
27	OR 2110679	HWW		127.7	14	120.4	11		
9	METROPOLIS	HRW		126.6	15				
21	BRAWL CL+	HRW		126.3	16	109.8	15		
8	MANDALA	HRW		126.1	17				
1	BOBTAIL*	SWW	MD	125.1	18	116.0	13		
19	WA 8268	HRW		125.0	19				
2	NORWEST 553*	HRW	D	123.8	20	116.9	12		
11	WB ARROWHEAD	HRW	MD	120.7	21	123.8	8		
10	REBELDE	HRW		119.4	22				
20	WA 8269	HRW		118.7	23				
13	WB 4623 CLP	HRW		112.6	24	108.8	16		
26	CO 12D2011	HWW		112.6	25				
12	KELDIN	HRW	A	109.1	26	120.7	10		
18	CLEARSTONE CL2	HRW		106.1	27	112.4	14		
14	XA 4103	HRW		92.8	28				
25	IDO 1506	HWW		92.5	29				
22	DENALI	HRW		87.6	30	77.2	17		
	Site Average			125.6		121.7			
	LSD (0.05)			11.7		8.2			
	CV (%)			6.3		6.6			

[†] 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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5 Year Average Test Weight = 60.4 lbs/bu 5 Year Average Grain Protein = 10.3%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein	Septoria
			lbs/bu	inches	DOY	%	%	6/3/2017 % Severity
4	LCS JET	HRW	62.7	42.8	139.0	0.0	11.4	40
3	LCS EVINA	HRW	61.6	51.0	146.8	0.0	12.8	42
5	NSA 10-2196	HRW	60.3	39.0	130.5	0.0	11.0	43
6	LCS AYMERIC	HRW	60.3	39.3	136.8	0.0	10.6	38
28	OR 2111025	HWW	63.9	48.5	142.5	0.0	10.9	38
15	XA 4104	HRW	64.3	41.3	130.5	17.5	11.7	48
30	OR 2130118H	HWW	64.4	43.8	142.5	0.0	11.1	37
29	OR 2120276H	HWW	63.0	47.8	139.0	0.0	11.1	62
17	SY TOUCHSTONE (04PN028B-3)	HRW	63.1	39.5	142.0	0.0	11.1	38
23	CO 12D1770	HRW	63.8	44.5	138.3	41.3	11.7	61
16	WHETSTONE	HRW	63.3	47.3	139.0	0.0	10.7	39
7	LWW14-73915	HRW	60.4	43.8	131.0	0.0	12.6	55
24	OR 2130021R	HRW	61.6	44.3	143.0	0.0	11.7	43
27	OR 2110679	HWW	61.9	44.0	142.0	0.0	11.0	40
9	METROPOLIS	HRW	62.3	42.0	130.0	50.0	13.0	38
21	BRAWL CL+	HRW	63.1	47.5	130.0	60.0	13.2	40
8	MANDALA	HRW	64.0	48.8	144.8	0.0	11.3	37
1	BOBTAIL*	SWW	59.2	43.5	144.0	0.0	10.0	41
19	WA 8268	HRW	62.2	41.0	144.0	0.0	10.6	35
2	NORWEST 553*	HRW	62.8	40.3	142.5	0.0	11.6	45
11	WB ARROWHEAD	HRW	63.4	48.8	139.0	18.8	11.3	60
10	REBELDE	HRW	62.7	37.5	136.5	0.0	13.2	58
20	WA 8269	HRW	59.0	38.5	145.3	16.3	11.0	39
13	WB 4623 CLP	HRW	64.2	47.8	142.0	7.5	12.3	42
26	CO 12D2011	HWW	64.6	43.8	132.5	81.3	11.1	62
12	KELDIN	HRW	63.3	42.3	140.5	67.5	10.7	44
18	CLEARSTONE CL2	HRW	61.9	49.0	143.5	75.0	11.5	64
14	XA 4103	HRW	62.9	43.3	128.0	0.0	10.5	85
25	IDO 1506	HWW	58.9	35.3	139.0	0.0	13.0	84
22	DENALI	HRW	62.4	43.0	136.3	88.8	11.6	42
	Site Average		62.4	43.6	138.7	17.5	11.5	48
	LSD (0.05)		1.2	3.6	2.7	18.7	1.4	5
	CV (%)		1.4	5.9	1.4	76.2	8.5	8

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