



## 2017 OREGON HARD WINTER ELITE YIELD TRIALS EUREKA, WA



Site Quality Index<sup>†</sup> = 3  
1 = Poor 3 = Average 5 = Excellent

Site Description: New site for 2017.  
Collaborative site with WSU Variety Testing and Northwest Grain Growers.

Long term data not available for this site.

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2017 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
20	KELDIN	HRW	A	58.0	1				
25	XA 4104	HRW		<b>57.0</b>	2				
27	SEQUOIA (WA 8180)	HRW		55.0	4				
30	WA 8273	HRW		55.0	5				
6	NSA10-2196	HRW		55.0	3				
23	WB ARROWHEAD	HRW	MD	<b>54.0</b>	7				
2	LCS COLONIA	HRW	A	54.0	6				
4	LCS JET	HRW	A	52.0	8				
5	LWW 14-73915	HRW		50.0	9				
3	LCS EVINA	HRW	D	<b>48.0</b>	10				
1	LCS AYMERIC	HRW		47.0	11				
19	IDO 1506	HWW		42.0	12				
9	OR 2111025	HWW		<b>41.0</b>	13				
21	WB 4303	HRW		<b>41.0</b>	14				
28	WA 8247	HRW		41.0	15				
14	SY TOUCHSTONE (04PN028B-3)	HRW		<b>39.0</b>	16				
26	FARNUM	HRW	D	<b>39.0</b>	18				
24	XA 4103	HRW		39.0	17				
11	OR 2130021R	HRW		<b>36.0</b>	19				
16	MANDALA	HRW		<b>36.0</b>	20				
29	WA 8272	HRW		<b>35.0</b>	21				
17	METROPOLIS	HRW		<b>34.0</b>	23				
22	WB 4623 CLP	HRW		<b>34.0</b>	24				
8	OR 2110679	HWW		<b>34.0</b>	22				
7	NORWEST 553*	HRW	D	<b>33.0</b>	25				
10	OR 2120276H	HWW		<b>32.0</b>	26				
13	CLEARSTONE CL2	HRW		<b>31.0</b>	27				
18	REBELDE	HRW		<b>29.0</b>	29				
12	AP 503 CL2	HRW		<b>29.0</b>	28				
15	WHETSTONE	HRW	MD	<b>28.0</b>	30				
	Site Average			42.0					
	LSD (0.05)			6.0					
	CV (%)			11.0					

<sup>†</sup> 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.

<sup>‡</sup> 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.

<sup>‡</sup> 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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Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein	Snow Mold
			lbs/bu	inches	DOY	%	1-10 Scale
							1=No Regrowth
							10=Complete Regrowth
20	KELDIN	HRW	64.6	32.0	144.0	11.3	7.0
25	XA 4104	HRW	64.0	30.0	142.0	12.5	8.0
27	SEQUOIA (WA 8180)	HRW	63.5	38.0	150.0	11.7	5.7
30	WA 8273	HRW	64.8	38.0	149.0	11.7	6.0
6	NSA10-2196	HRW	63.0	27.0	143.0	11.4	5.0
23	WB ARROWHEAD	HRW	64.5	33.0	143.0	12.7	7.3
2	LCS COLONIA	HRW	62.1	28.0	149.0	11.1	4.3
4	LCS JET	HRW	63.2	28.0	143.0	11.1	6.3
5	LWW 14-73915	HRW	63.2	29.0	143.0	11.9	5.0
3	LCS EVINA	HRW	62.8	29.0	149.0	12.4	4.3
1	LCS AYMERIC	HRW	61.9	25.0	145.0	10.2	3.7
19	IDO 1506	HWW	64.2	20.0	143.0	10.7	6.7
9	OR 2111025	HWW	64.7	29.0	144.0	12.2	5.0
21	WB 4303	HRW	64.4	27.0	142.0	12.2	5.3
28	WA 8247	HRW	63.7	27.0	147.0	11.9	3.3
14	SY TOUCHSTONE (04PN028B-3)	HRW	64.1	26.0	144.0	12.9	4.0
26	FARNUM	HRW	61.7	32.0	155.0	12.3	4.0
24	XA 4103	HRW	65.1	24.0	141.0	11.7	6.0
11	OR 2130021R	HRW	64.5	24.0	145.0	13.2	3.3
16	MANDALA	HRW	64.2	26.0	151.0	12.2	3.3
29	WA 8272	HRW	62.9	31.0	150.0	12.8	2.3
17	METROPOLIS	HRW	63.9	26.0	143.0	14.4	4.7
22	WB 4623 CLP	HRW	63.5	28.0	144.0	13.6	3.7
8	OR 2110679	HWW	64.0	27.0	144.0	12.6	3.0
7	NORWEST 553*	HRW	64.0	24.0	145.0	13.5	3.3
10	OR 2120276H	HWW	63.7	29.0	143.0	13.3	4.0
13	CLEARSTONE CL2	HRW	63.2	32.0	145.0	13.6	3.3
18	REBELDE	HRW	64.7	26.0	143.0	14.2	3.7
12	AP 503 CL2	HRW	65.6	27.0	143.0	12.6	6.0
15	WHETSTONE	HRW	64.3	30.0	143.0	13.1	3.0
	Site Average		63.8	28.0	145.0	12.4	4.7
	LSD (0.05)		0.5	3.0	1.0	0.5	0.9
	CV (%)		1.0	8.0	1.0	3.0	15.0

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