



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



Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Site received fungicide applications to control foliar diseases.

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

2 and 3-Year data is from the WSU variety trial program.

5 Year Average Yield = 107.0 bu/ac

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
1	LCS AYMERIC	HRW		147.0	1				
6	NSA 10-2196	HRW		144.0	2	126.0	3	111.0	3
5	LWW 14-73915	HRW		143.0	3				
7	NORWEST 553	HRW	D	137.0	4	127.0	2	107.0	5
23	WA 8268	HRW		136.0	5				
4	LCS JET	HRW	A	135.0	6	125.0	4	115.0	1
10	SY TOUCHSTONE	HRW		134.0	7	120.0	8		
19	WB ARROWHEAD	HRW	MD	132.0	8	121.0	7	111.0	4
16	KELDIN	HRW	A	130.0	9	127.0	1	115.0	2
11	WHETSTONE	HRW	MD	129.0	10	116.0	9	105.0	7
2	LCS COLONIA	HRW	A	128.0	11	122.0	5	105.0	6
14	REBELDE	HRW		<b>127.0</b>	12				
24	WA 8269	HRW		127.0	13				
22	WA 8248	HRW		126.0	14	122.0	6		
8	OR 2130021R	HRW		124.0	15				
15	IDO 1506	HWW		124.0	16				
3	LCS EVINA	HRW	D	120.0	17				
21	XA 4104	HRW		116.0	18				
13	METROPOLIS	HRW		114.0	19				
20	XA 4103	HRW		107.0	20				
17	WB 4303	HRW		107.0	21				
18	WB 4623 CLP	HRW		<b>101.0</b>	22				
12	MANDALA	HRW		99.0	23				
9	SY CLEARSTONE CL2	HRW		95.0	24	94.0	10		
	Site Average			124.0		120.0		109.0	
	LSD (0.05)			10.0		7.0		6.0	
	CV (%)			5.0		6.0		6.0	

<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 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.

<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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Long term test weight and grain protein data is not available.

Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
1	LCS AYMERIC	HRW		62.0	36.0	9.7
6	NSA 10-2196	HRW		62.5	37.0	9.9
5	LWW 14-73915	HRW		63.6	41.0	10.6
7	NORWEST 553	HRW		64.1	38.0	11.3
23	WA 8268	HRW		63.6	38.0	10.9
4	LCS JET	HRW		63.7	39.0	11.0
10	SY TOUCHSTONE	HRW		64.0	39.0	11.6
19	WB ARROWHEAD	HRW		63.4	47.0	11.7
16	KELDIN	HRW		64.4	43.0	10.0
11	WHETSTONE	HRW		64.4	44.0	11.3
2	LCS COLONIA	HRW		62.2	39.0	10.8
14	REBELDE	HRW		65.0	37.0	12.2
24	WA 8269	HRW		61.6	37.0	10.8
22	WA 8248	HRW		65.0	43.0	11.4
8	OR 2130021R	HRW		63.9	40.0	10.5
15	IDO 1506	HWW		63.4	31.0	10.8
3	LCS EVINA	HRW		63.8	46.0	11.2
21	XA 4104	HRW		64.3	41.0	11.6
13	METROPOLIS	HRW		64.6	39.0	11.3
20	XA 4103	HRW		65.4	43.0	11.5
17	WB 4303	HRW		64.4	42.0	10.5
18	WB 4623 CLP	HRW		64.0	43.0	12.5
12	MANDALA	HRW		64.8	44.0	11.4
9	SY CLEARSTONE CL2	HRW		63.7	47.0	11.1
	Site Average			63.8	41.0	11.1
	LSD (0.05)			1.2	2.0	0.8
	CV (%)			1.0	3.0	5.0

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