



2018 OREGON HARD WINTER ELITE YIELD TRIALS Walla Walla (No-Till)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

3-year data is from the WSU Variety Testing program.

Entry	Variety	Class	Quality [†]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
10	NSA12-2472	HRW		140.6	1				
20	LCS Rocket (NSA10-2196)	HRW	D	138.2	2	141.1	1	130.1	1
18	LCS Evina	HRW	D	134.5	3	127.3	4		
14	WA 8289	HRW		130.9	4				
2	WA 8288	HRW		129.9	5				
29	XB4542	HRW		129.6	6				
11	OR2120358H	HWW		128.2	7				
4	WB 4303	HRW		125.4	8	116.2	11		
13	LCS Jet	HRW	A	124.1	9	129.6	3	124.7	2
1	LCS Abraham (NSA11-10108)	HRW		122.6	10				
15	Langin	HRW		121.1	11				
21	WA 8294	HRW		120.0	12				
5	LCS Aymeric	HRW		119.5	13	133.3	2		
8	Breck (CO12D2011)	HWW		114.9	14				
9	YS-401	HRW		113.0	15				
24	Mandala	HRW		113.0	16	106.0	15		
28	Norwest 553	HRW	D	112.6	17	124.8	5	122.2	3
3	WA 8268	HWR		112.3	18	124.2	7		
25	WB-Arrowhead	HRW		110.8	19	121.4	8	117.6	5
22	Keldin	HRW	A	110.7	20	120.4	9	121.6	4
7	WB 4311 (XA4104)	HRW		109.3	21	112.7	13		
19	SY Touchstone	HRW	LD	109.0	22	121.5	8	116.3	6
30	Whetstone	HRW	MD	107.7	23	118.4	10	113.2	7
12	LCS Zoom (LWW14-73915)	HRW		106.5	24	124.8	6		
16	OR2140074R	HRW		105.1	25				
23	OR2130021R	HRW		105.0	26	114.5	12		
17	OR2110679	HWW		102.9	27				
27	OR2130118H	HWW		101.9	28				
26	Metropolis	HRW		99.6	29				
6	Rebelde	HRW		97.2	30	112.1	14		
	Site Average			116.5		121.7		120.8	
	LSD (0.05)			16.7					
	CV (%)			10.2					

[†]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.

* 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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Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %	Heading Date
10	NSA12-2472	HRW	42.7	62.6	11.0	5-12
20	LCS Rocket (NSA10-2196)	HRW	37.0	62.1	10.6	5-14
18	LCS Evina	HRW	46.0	63.5	12.2	5-20
14	WA 8289	HRW	36.7	62.9	10.6	5-16
2	WA 8288	HRW	36.3	63.5	11.2	5-17
29	XB4542	HRW	45.3	65.2	11.2	5-15
11	OR2120358H	HWW	41.3	63.6	11.6	5-18
4	WB 4303	HRW	38.3	63.1	11.0	5-10
13	LCS Jet	HRW	37.0	62.8	11.4	5-14
1	LCS Abraham (NSA11-10108)	HRW	37.3	61.8	11.2	5-13
15	Langin	HRW	36.3	63.2	10.9	5-8
21	WA 8294	HRW	39.0	62.7	12.8	5-18
5	LCS Aymeric	HRW	35.7	61.8	10.1	5-14
8	Breck (CO12D2011)	HWW	41.3	65.4	11.7	5-12
9	YS-401	HRW	44.7	63.4	11.3	5-9
24	Mandala	HRW	44.3	64.3	11.5	5-19
28	Norwest 553	HRW	35.3	63.5	11.7	5-16
3	WA 8268	HWR	37.7	63.0	11.4	5-16
25	WB-Arrowhead	HRW	44.0	63.9	11.3	5-15
22	Keldin	HRW	40.0	64.1	11.7	5-16
7	WB 4311 (XA4104)	HRW	38.0	64.4	11.4	5-11
19	SY Touchstone	HRW	34.7	63.9	11.7	5-16
30	Whetstone	HRW	41.7	63.9	11.4	5-15
12	LCS Zoom (LWW14-73915)	HRW	39.3	61.4	10.6	5-12
16	OR2140074R	HRW	36.7	62.8	11.5	5-17
23	OR2130021R	HRW	38.7	63.8	11.7	5-17
17	OR2110679	HWW	41.3	63.7	10.7	5-16
27	OR2130118H	HWW	37.7	65.0	11.4	5-17
26	Metropolis	HRW	35.3	64.5	11.8	5-11
6	Rebelde	HRW	33.7	65.1	13.2	5-12
	Site Average		39.1	63.5	11.4	5-14
	LSD (0.05)		1.9	0.5	0.7	1
	CV (%)		3.4	0.6	4.2	

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