



2018 OREGON HARD WINTER ELITE YIELD TRIALS

Eureka



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

4 oz/ac propiconazole was applied with herbicide application.

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
20	LCS Rocket (NSA10-2196)	HRW	D	105.4	1	80.2	1		
13	LCS Jet	HRW	A	103.0	2	77.5	3		
21	WA 8294	HRW		99.5	3				
14	WA 8289	HRW		99.3	4				
22	Keldin	HRW	A	98.6	5	78.3	2		
29	XB4542	HRW		96.1	6				
2	WA 8288	HRW		95.6	7				
4	WB 4303	HRW		95.0	8	68.0	9		
25	WB-Arrowhead	HRW		94.9	9	74.5	4		
3	WA 8268	HWR		94.6	10				
10	NSA12-2472	HRW		94.2	11				
12	LCS Zoom (LWW14-73915)	HRW		93.8	12	71.9	6		
18	LCS Evina	HRW	D	93.5	13	70.7	7		
1	LCS Abraham (NSA11-10108)	HRW		92.4	14				
28	Norwest 553	HRW	D	91.3	15	62.1	11		
7	WB 4311 (XA4104)	HRW		90.9	16	74.0	5		
5	LCS Aymeric	HRW		90.1	17	68.6	8		
27	OR2130118H	HWW		89.7	18				
15	Langin	HRW		87.3	19				
19	SY Touchstone	HRW	LD	87.2	20	63.1	10		
23	OR2130021R	HRW		86.3	21	61.2	12		
11	OR2120358H	HWW		85.8	22				
8	Breck (CO12D2011)	HWW		85.3	23				
16	OR2140074R	HRW		84.0	24				
30	Whetstone	HRW	MD	83.9	25	55.9	15		
9	YS-401	HRW		83.2	26				
24	Mandala	HRW		82.6	27	59.3	13		
17	OR2110679	HWW		81.7	28	57.9	14		
6	Rebelde	HRW		80.4	29	54.7	16		
26	Metropolis	HRW		73.6	30	53.8	17		
	Site Average			90.6		66.6			
	LSD (0.05)			7.9					
	CV (%)			6.1					

[†]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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4 oz/ac propiconazole was applied with herbicide application.

Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %	Heading Date
20	LCS Rocket (NSA10-2196)	HRW	34.0	60.8	10.3	5-14
13	LCS Jet	HRW	34.0	61.7	10.4	5-14
21	WA 8294	HRW	35.0	61.3	10.5	5-15
14	WA 8289	HRW	34.0	60.8	10.4	5-16
22	Keldin	HRW	37.0	63.5	9.7	5-16
29	XB4542	HRW	43.0	64.1	10.4	5-15
2	WA 8288	HRW	32.0	62.0	10.2	5-17
4	WB 4303	HRW	36.0	61.8	10.8	5-10
25	WB-Arrowhead	HRW	39.3	63.0	11.4	5-15
3	WA 8268	HWR	34.0	61.8	10.5	5-17
10	NSA12-2472	HRW	38.0	61.0	9.8	5-13
12	LCS Zoom (LWW14-73915)	HRW	36.3	60.8	10.4	5-13
18	LCS Evina	HRW	37.7	61.7	10.8	5-20
1	LCS Abraham (NSA11-10108)	HRW	31.7	60.6	10.2	5-14
28	Norwest 553	HRW	33.0	62.5	11.6	5-17
7	WB 4311 (XA4104)	HRW	34.0	63.4	10.6	5-12
5	LCS Aymeric	HRW	32.0	58.8	10.6	5-16
27	OR2130118H	HWW	33.3	63.8	11.0	5-17
15	Langin	HRW	33.3	63.1	10.2	5-9
19	SY Touchstone	HRW	32.3	63.0	10.6	5-16
23	OR2130021R	HRW	32.3	62.7	11.0	5-17
11	OR2120358H	HWW	35.7	61.7	11.0	5-17
8	Breck (CO12D2011)	HWW	35.3	64.8	11.8	5-11
16	OR2140074R	HRW	31.7	60.7	10.7	5-17
30	Whetstone	HRW	37.7	62.5	10.5	5-14
9	YS-401	HRW	40.0	62.2	10.1	5-10
24	Mandala	HRW	37.7	62.5	10.4	5-20
17	OR2110679	HWW	34.3	61.6	10.4	5-16
6	Rebelde	HRW	32.3	63.3	11.3	5-15
26	Metropolis	HRW	31.0	63.3	12.0	5-14
	Site Average		34.9	62.2	10.7	5-14
	LSD (0.05)		1.7	0.5	0.8	1
	CV (%)		3.4	0.5	5.2	

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