



2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust was not controlled at this site.

Long term data not available for this site.

Entry	Variety	Class	Quality Rating [¶]	2016 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
1	BOBTAIL*	SWW	MD	140.0	1				
4	SY OVATION*	SWW	D	138.7	2				
6	ORCF-101	SWW	D	124.9	4				
14	WA 8235	SWW		122.4	5				
3	WB 1529*	SWW		121.5	6				
15	WB 1376 CLP	SWW		116.0	7				
10	UI CASTLE CL+	SWW		115.4	8				
7	ORCF-102	SWW	A	111.5	9				
11	UI PALOUSE CL+	SWW		109.0	10				
9	UI MAGIC CL+	SWW		103.1	11				
2	LCS ARTDECO*	SWW	A	92.7	12				
13	MELA CL+	SWW	A	72.6	13				
12	CURIOSITY CL+	SWW	A	71.1	14				
8	ORCF-103	SWW	A	47.0	15				
	Site Average			105.9					
	LSD (0.05)			11.3					
	CV (%)			7.1					

[†] 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 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.

* 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; U = Unacceptable



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Entry	Variety	Class		Test Weight	Plant Height	Lodging	Protein	Stripe Rust
				lbs/bu	inches	%	%	5/26/2016
% Severity								
1	BOBTAIL*	SWW		61.0	34.4	27.5	10.7	2.5
4	SY OVATION*	SWW		61.6	34.4	2.5	11.6	15.0
6	ORCF-101	SWW		62.1	33.0	0.0	11.6	5.0
14	WA 8235	SWW		61.8	36.9	37.5	13.6	0.0
3	WB 1529*	SWW		62.9	32.0	0.0	12.0	6.3
15	WB 1376 CLP	SWW		63.5	34.9	7.5	12.8	0.5
10	UI CASTLE CL+	SWW		62.7	34.9	7.5	12.3	13.8
7	ORCF-102	SWW		61.6	37.4	0.0	10.0	43.8
11	UI PALOUSE CL+	SWW		62.3	32.0	0.0	12.2	47.5
9	UI MAGIC CL+	SWW		60.3	30.5	0.0	10.6	82.5
2	LCS ARTDECO*	SWW		58.1	27.6	0.0	11.9	37.5
13	MELA CL+	SWW		61.2	35.4	65.0	12.7	80.0
12	CURIOSITY CL+	SWW		59.9	35.4	32.5	11.4	92.5
8	ORCF-103	SWW		60.5	31.5	0.0	11.2	97.5
Site Average				61.4	33.5	12.9	11.8	36.5
LSD (0.05)				1.3	3.4	29.6	1.5	15.1
CV (%)				1.4	6.9	161.1	8.4	28.9

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