



2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index[†] = 3.5
1 = Poor 3 = Average 5 = Excellent

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

Varieties received the appropriate labeled Beyond application for their Clearfield type. Non-Clearfield varieties received a standard herbicide application.

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
14	WA 8235	SWW		123.5	1	117.3	1		
13	MELA CL+	SWW	A	112.1	2	109.0	2		
12	CURIOSITY CL+	SWW	A	102.4	3	104.1	3		
1	BOBTAIL*	SWW	MD	101.1	4				
15	WB 1376 CLP	SWW		97.3	5	96.9	5		
11	UI PALOUSE CL+	SWW		94.2	6	96.1	6		
2	LCS ARTDECO*	SWW	A	92.6	7				
6	ORCF-101	SWW	D	92.0	8	99.2	4		
4	SY OVATION*	SWW	D	91.2	9				
10	UI CASTLE CL+	SWW		84.5	10	90.8	9		
3	WB 1529*	SWW		79.4	11				
7	ORCF-102	SWW	A	77.2	12	92.5	8		
9	UI MAGIC CL+	SWW		74.8	13	93.9	7		
8	ORCF-103	SWW	A	63.2	14	82.8	10		
	Site Average			90.8		97.9			
	LSD (0.05)			10.6		7.7			
	CV (%)			7.9		7.8			

[†] 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; U = Unacceptable



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Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein	Stripe Rust
				lbs/bu	inches	DOY	%	5/23/2016 % Severity
14	WA 8235	SWW		62.3	38.8	138.8	11.1	0.5
13	MELA CL+	SWW		59.4	41.5	143.5	11.4	31.3
12	CURIOSITY CL+	SWW		60.8	41.0	143.8	11.1	42.5
1	BOBTAIL*	SWW		57.8	35.0	137.8	11.6	0.0
15	WB 1376 CLP	SWW		62.9	37.3	137.0	12.7	0.5
11	UI PALOUSE CL+	SWW		59.7	36.0	140.5	11.8	31.3
2	LCS ARTDECO*	SWW		57.1	30.0	129.3	11.0	35.0
6	ORCF-101	SWW		60.3	36.3	140.3	13.0	23.8
4	SY OVATION*	SWW		61.9	35.0	139.3	11.1	43.8
10	UI CASTLE CL+	SWW		61.6	39.0	141.3	11.3	26.3
3	WB 1529*	SWW		62.0	33.0	137.3	11.5	38.8
7	ORCF-102	SWW		60.9	38.0	139.0	12.0	56.3
9	UI MAGIC CL+	SWW		62.1	33.0	134.8	11.2	40.0
8	ORCF-103	SWW		59.8	33.5	141.3	11.0	50.0
	Site Average			60.6	36.2	138.8	11.6	30.2
	LSD (0.05)			1.5	2.3	2.5	1.0	15.0
	CV (%)			1.7	4.4	1.3	5.9	35.0

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