



## 2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index<sup>†</sup> = 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 <sup>¶</sup>	2016 Yield Data <sup>‡</sup>		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			

<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.

\* 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; U = Unacceptable



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Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein	Stripe Rust	
							lbs/bu	inches
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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