



## 2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS HELIX (No-Till)



Site Quality Index<sup>†</sup> = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: New site for 2016.

Site quality index reduced due to high grain proteins likely due to drought/heat stress and/or high N fertility.

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
2	LCS ARTDECO*	SWW	A	60.0	1				
6	ORCF-101	SWW	D	59.9	2				
7	ORCF-102	SWW	A	59.2	3				
4	SY OVATION*	SWW	D	58.1	4				
1	BOBTAIL*	SWW	MD	57.3	5				
3	WB 1529*	SWW		57.1	6				
14	WA 8235	SWW		54.1	7				
15	WB 1376 CLP	SWW		54.1	8				
12	CURIOSITY CL+	SWW	A	53.6	9				
11	UI PALOUSE CL+	SWW		49.9	10				
13	MELA CL+	SWW	A	49.6	11				
10	UI CASTLE CL+	SWW		48.1	12				
9	UI MAGIC CL+	SWW		46.0	13				
8	ORCF-103	SWW	A	40.6	14				
	Site Average			53.3					
	LSD (0.05)			4.8					
	CV (%)			5.9					

<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
			lbs/bu	inches	DOY	%
2	LCS ARTDECO*	SWW	58.4	27.5	131.5	11.2
6	ORCF-101	SWW	59.9	32.5	139.8	13.6
7	ORCF-102	SWW	61.3	33.8	139.8	12.7
4	SY OVATION*	SWW	61.1	32.8	140.0	12.2
1	BOBTAIL*	SWW	59.3	32.8	141.3	11.8
3	WB 1529*	SWW	62.6	29.8	139.8	13.0
14	WA 8235	SWW	61.0	33.0	137.8	13.2
15	WB 1376 CLP	SWW	61.4	32.5	134.8	13.5
12	CURIOSITY CL+	SWW	61.9	34.8	142.8	12.2
11	UI PALOUSE CL+	SWW	58.8	30.5	139.0	13.0
13	MELA CL+	SWW	62.0	36.3	143.3	12.4
10	UI CASTLE CL+	SWW	62.3	33.8	141.8	13.3
9	UI MAGIC CL+	SWW	62.2	31.0	138.0	13.7
8	ORCF-103	SWW	61.3	30.8	142.3	12.9
	Site Average		60.9	32.3	139.4	12.7
	LSD (0.05)		0.5	2.0	1.8	0.6
	CV (%)		0.6	4.4	0.9	3.0

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