



2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS MILTON-FREEWATER (No-Till)



Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Site quality index reduced due to lower than average grain yields and test weights as well as excessive grain proteins likely due to drought/heat stress and high N fertility.

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
2	LCS ARTDECO*	SWW	A	101.4	1				
1	BOBTAIL*	SWW	MD	92.8	2				
9	UI MAGIC CL+	SWW		87.3	3				
3	WB 1529*	SWW		85.2	4				
7	ORCF-102	SWW	A	83.6	5				
14	WA 8235	SWW		81.2	6				
15	WB 1376 CLP	SWW		80.2	7				
10	UI CASTLE CL+	SWW		79.1	8				
4	SY OVATION*	SWW	D	78.2	9				
13	MELA CL+	SWW	A	76.4	10				
12	CURIOSITY CL+	SWW	A	73.9	11				
8	ORCF-103	SWW	A	69.4	12				
11	UI PALOUSE CL+	SWW		69.2	13				
6	ORCF-101	SWW	D	63.8	14				
	Site Average			80.1					
	LSD (0.05)			7.7					
	CV (%)			6.7					

[†] 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 lbs/bu	Plant Height inches	Heading Date DOY	Protein %
2	LCS ARTDECO*	SWW	56.0	33.0	121.0	13.3
1	BOBTAIL*	SWW	55.1	36.0	134.0	14.8
9	UI MAGIC CL+	SWW	56.4	33.0	132.0	15.2
3	WB 1529*	SWW	57.7	32.3	133.8	14.7
7	ORCF-102	SWW	57.7	39.8	135.0	15.5
14	WA 8235	SWW	56.6	37.5	132.3	16.6
15	WB 1376 CLP	SWW	57.9	34.5	132.8	17.1
10	UI CASTLE CL+	SWW	57.3	37.5	137.8	15.6
4	SY OVATION*	SWW	56.9	31.5	134.5	15.2
13	MELA CL+	SWW	57.4	41.3	139.3	15.4
12	CURIOSITY CL+	SWW	57.6	41.3	139.0	15.9
8	ORCF-103	SWW	55.9	36.8	138.3	15.4
11	UI PALOUSE CL+	SWW	56.0	36.0	135.5	16.7
6	ORCF-101	SWW	55.3	36.0	135.0	17.3
	Site Average		56.7	36.2	134.3	15.6
	LSD (0.05)		1.1	2.5	2.1	0.6
	CV (%)		1.4	4.9	1.1	2.9

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