2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS
CONDON

OSU Extension Cereals

Site Quality Index† = 3

1 = Poor   3 = Average   5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.

High plot to plot variability increased CV and reduced site quality index score.

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	Rank	Yield	Rank	Yield	Rank
				bu/ac		bu/ac		bu/ac	
1	BOBTAIL*	SWW	MD	72.9	1				
7	ORCF-102	SWW	A	71.1	2				
6	ORCF-101	SWW	D	71.0	3				
14	WA 8235	SWW		69.3	4				
4	SY OVATION*	SWW	D	68.1	5				
2	LCS ARTDECO*	SWW	A	68.0	6				
9	UI MAGIC CL+	SWW		67.8	7				
10	UI CASTLE CL+	SWW		67.6	8				
8	ORCF-103	SWW	A	65.0	9				
3	WB 1529*	SWW		64.9	10				
13	MELA CL+	SWW	A	63.7	11				
11	UI PALOUSE CL+	SWW		61.7	12				
12	CURIOSITY CL+	SWW	A	59.7	13				
15	WB 1376 CLP	SWW		56.8	14				
	Site Average			66.2					
	LSD (0.05)			NS					
	CV (%)			10.2					

† 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.
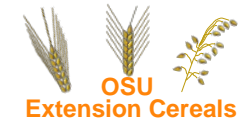
* Indicates check variety.

¶ 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	Protein
				lbs/bu	inches	%
1	BOBTAIL*	SWW		60.2	31.5	8.7
7	ORCF-102	SWW		62.3	36.0	9.5
6	ORCF-101	SWW		63.3	34.5	9.8
14	WA 8235	SWW		62.7	33.8	10.0
4	SY OVATION*	SWW		61.8	33.8	9.5
2	LCS ARTDECO*	SWW		58.9	31.5	9.2
9	UI MAGIC CL+	SWW		62.4	32.3	10.1
10	UI CASTLE CL+	SWW		63.8	36.0	10.1
8	ORCF-103	SWW		62.8	33.0	10.0
3	WB 1529*	SWW		63.1	30.8	10.7
13	MELA CL+	SWW		63.4	33.8	9.5
11	UI PALOUSE CL+	SWW		60.9	31.5	10.2
12	CURIOSITY CL+	SWW		63.1	34.5	9.2
15	WB 1376 CLP	SWW		63.0	33.8	11.4
	Site Average			62.2	33.3	9.8
	LSD (0.05)			0.8	2.5	0.9
	CV (%)			0.9	5.3	6.8

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