



## 2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



Site Quality Index<sup>†</sup> =  
1 = Poor 3 = Average 5 = Excellent

**Site Description: No fungicides were applied to this site.  
Septoria was the main yield limiting disease at this site, stripe rust pressure was very low.**

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
3	WB 1529*	SWW		127.9	1				
2	LCS ARTDECO*	SWW	A	121.5	2				
10	UI CASTLE CL+	SWW		119.0	3				
12	CURIOSITY CL+	SWW	A	111.5	4				
13	MELA CL+	SWW	A	109.0	5				
9	UI MAGIC CL+	SWW		108.7	6				
1	BOBTAIL*	SWW	MD	108.3	7				
7	ORCF-102	SWW	A	104.5	8				
4	SY OVATION*	SWW	D	102.8	9				
15	WB 1376 CLP	SWW		102.8	10				
14	WA 8235	SWW		99.0	11				
6	ORCF-101	SWW	D	89.4	12				
11	UI PALOUSE CL+	SWW		75.6	13				
8	ORCF-103	SWW	A	75.5	14				
	Site Average			104.0					
	LSD (0.05)			10.3					
	CV (%)			7.0					

<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



## 2016 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



Site Quality Index<sup>†</sup> =  
1 = Poor 3 = Average 5 = Excellent

Site Description: No fungicides were applied to this site.  
Septoria was the main yield limiting disease at this site, stripe rust pressure was very low.

Long term data not available for this site.

Entry	Variety	Class		Test Weight	Plant Height	Heading Date	Protein	Septoria
				lbs/bu	inches	DOY	%	5/17/2016 % Severity
3	WB 1529*	SWW		57.9	43.5	135.5	9.5	20.0
2	LCS ARTDECO*	SWW		54.0	40.8	118.0	9.2	33.8
10	UI CASTLE CL+	SWW		58.2	46.5	137.0	9.9	21.3
12	CURIOSITY CL+	SWW		57.7	49.3	144.0	8.6	35.0
13	MELA CL+	SWW		57.6	48.0	141.5	9.1	35.0
9	UI MAGIC CL+	SWW		57.1	41.8	130.0	10.1	23.8
1	BOBTAIL*	SWW		53.9	42.3	138.0	10.1	30.0
7	ORCF-102	SWW		56.3	47.0	134.0	10.5	35.0
4	SY OVATION*	SWW		56.1	42.8	134.0	9.8	52.5
15	WB 1376 CLP	SWW		59.4	44.8	132.0	11.1	26.3
14	WA 8235	SWW		56.7	45.0	132.5	10.5	47.5
6	ORCF-101	SWW		55.5	42.3	135.0	10.9	38.8
11	UI PALOUSE CL+	SWW		53.2	41.5	136.0	11.6	50.0
8	ORCF-103	SWW		53.8	43.3	145.5	10.1	38.8
	Site Average			56.2	44.2	135.2	10.1	34.8
	LSD (0.05)			1.6	1.7	2.2	1.2	6.5
	CV (%)			2.0	2.7	1.2	8.3	13.1

<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