



## 2017 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS HERMISTON (Irrigated)



Site Quality Index<sup>†</sup> = 3.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust was not controlled at this site.

Long term data not available for this site.

Entry	Variety	Class	Quality Rating <sup>‡</sup>	2017 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
1	BOBTAIL*	SWW	MD	138.5	1	139.2	1		
3	WB 1529*	SWW	A	136.0	2	128.7	3		
5	NORWEST TANDEM (LOR 334)*	SWW		135.9	3				
2	LCS ARTDECO*	SWW	A	132.4	4	112.6	9		
4	SY OVATION*	SWW	D	131.2	5	135.0	2		
6	ORCF-101	SWW	D	130.9	6	127.9	4		
14	WA 8275 CL+	SWW		129.0	7				
15	WB 1376 CLP	SWW		128.9	8	122.4	5		
18	ORIZ150031 CL+	SWW		126.8	9				
19	ORIZ150033 CL+	SWW		126.2	10				
10	UI CASTLE CL+	SWW		122.4	11	118.9	6		
11	UI PALOUSE CL +	SWW		121.0	12	115.0	8		
20	ORIZ150061 CL+	SWW		118.9	13				
7	ORCF-102	SWW	A	118.5	14	115.0	7		
24	UI CASTLE / WB 1376 BLEND	SWW		117.1	15				
25	UI MAGIC / ORCF-102 BLEND	SWW		116.6	16				
21	UI MAGIC / UI CASTLE BLEND	SWW		115.3	17				
22	UI MAGIC / WB 1376 BLEND	SWW		114.6	18				
9	UI MAGIC CL+	SWW		107.7	19	105.7	10		
16	XA 1101 CLP	SWW		104.0	20				
23	UI MAGIC / CURIOSITY BLEND	SWW		97.2	21				
17	XA 1401 CLP	SWW		95.4	22				
12	CURIOSITY CL+	SWW	A	93.5	23	82.3	12		
13	MELA CL+	SWW	A	92.1	24	83.7	11		
8	ORCF-103	SWW	A	81.8	25	64.4	13		
	Site Average			117.3		111.7			
	LSD (0.05)			9.8		7.5			
	CV (%)			5.9		6.6			

<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 unpublshable
- 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; UCS = Unacceptable Except Customer-Specific Uses



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Site Description: Stripe rust was not controlled at this site.

Long term data not available for this site.

Entry	Variety	Class	Test Weight	Plant Height	Lodging	Protein	Stripe Rust
							GS 10.5
							% Severity
1	BOBTAIL*	SWW	60.0	38.3	12.5	10.1	0
3	WB 1529*	SWW	63.7	38.8	0.0	9.9	9
5	NORWEST TANDEM (LOR 334)*	SWW	62.1	36.5	0.0	9.9	1
2	LCS ARTDECO*	SWW	60.6	36.0	0.0	9.5	36
4	SY OVATION*	SWW	62.1	40.0	0.0	9.4	24
6	ORCF-101	SWW	62.5	40.8	0.0	10.2	5
14	WA 8275 CL+	SWW	61.8	37.0	0.0	9.9	0
15	WB 1376 CLP	SWW	63.8	41.8	0.0	11.5	0
18	ORI2150031 CL+	SWW	62.3	39.5	0.0	10.8	3
19	ORI2150033 CL+	SWW	62.1	39.8	0.0	11.0	4
10	UI CASTLE CL+	SWW	62.4	40.5	12.5	9.8	14
11	UI PALOUSE CL +	SWW	61.9	38.3	0.0	10.4	29
20	ORI2150061 CL+	SWW	63.9	38.3	0.0	11.3	8
7	ORCF-102	SWW	61.8	41.8	0.0	9.9	46
24	UI CASTLE / WB 1376 BLEND	SWW	62.8	40.0	0.0	10.8	9
25	UI MAGIC / ORCF-102 BLEND	SWW	61.9	41.0	0.0	10.1	38
21	UI MAGIC / UI CASTLE BLEND	SWW	62.1	39.3	0.0	10.2	26
22	UI MAGIC / WB 1376 BLEND	SWW	62.9	39.8	0.0	10.7	28
9	UI MAGIC CL+	SWW	61.6	36.5	0.0	8.9	78
16	XA 1101 CLP	SWW	61.9	40.3	0.0	11.8	0
23	UI MAGIC / CURIOSITY BLEND	SWW	61.5	40.5	6.3	10.2	68
17	XA 1401 CLP	SWW	63.7	40.5	0.0	12.9	4
12	CURIOSITY CL+	SWW	61.5	41.0	47.5	9.6	70
13	MELA CL+	SWW	61.1	40.3	85.0	9.9	65
8	ORCF-103	SWW	61.5	36.8	0.0	9.8	73
	Site Average		62.1	39.3	6.6	10.3	25
	LSD (0.05)		0.6	2.1	11.3	0.9	12
	CV (%)		0.7	3.7	122.8	6.3	34

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