



## 2017 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Foliar diseases were not controlled at this site. Septoria was the dominant foliar disease present.

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
5	NORWEST TANDEM (LOR 334)*	SWW		160.1	1				
1	BOBTAIL*	SWW	MD	159.9	2	134.1	2		
3	WB 1529*	SWW	A	158.3	3	143.1	1		
7	ORCF-102	SWW	A	155.3	4	126.3	7		
9	UI MAGIC CL+	SWW		154.4	5	131.6	4		
19	ORI2150033 CL+	SWW		154.1	6				
15	WB 1376 CLP	SWW		153.4	7	128.1	6		
21	UI MAGIC / UI CASTLE BLEND	SWW		151.9	8				
20	ORI2150061 CL+	SWW		150.0	9				
10	UI CASTLE CL+	SWW		147.6	10	131.3	5		
2	LCS ARTDECO*	SWW	A	145.6	11	131.8	3		
23	UI MAGIC / CURIOSITY BLEND	SWW		145.4	12				
22	UI MAGIC / WB 1376 BLEND	SWW		143.3	13				
24	UI CASTLE / WB 1376 BLEND	SWW		142.9	14				
14	WA 8275 CL+	SWW		142.0	15				
4	SY OVATION*	SWW	D	139.8	16	118.7	8		
18	ORI2150031 CL+	SWW		139.7	17				
16	XA 1101 CLP	SWW		137.5	18				
25	UI MAGIC / ORCF-102 BLEND	SWW		136.3	19				
6	ORCF-101	SWW	D	130.8	20	110.1	10		
17	XA 1401 CLP	SWW		130.7	21				
11	UI PALOUSE CL +	SWW		113.1	22	94.4	12		
13	MELA CL+	SWW	A	112.9	23	111.0	9		
12	CURIOSITY CL+	SWW	A	107.9	24	110.0	11		
8	ORCF-103	SWW	A	107.2	25	91.4	13		
	Site Average			140.7		119.9			
	LSD (0.05)			13.8		8.2			
	CV (%)			6.3		6.7			

<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; UCS = Unacceptable Except Customer-Specific Uses



## 2017 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY



Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Foliar diseases were not controlled at this site. Septoria was the dominant foliar disease present.

Long term data not available for this site.

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein	Septoria	
								lbs/bu	inches
5	NORWEST TANDEM (LOR 334)*	SWW	60.5	43.0	139.0	0.0	11.0		56
1	BOBTAIL*	SWW	59.0	45.0	144.0	0.0	11.4		41
3	WB 1529*	SWW	62.9	45.8	143.0	15.0	11.2		37
7	ORCF-102	SWW	62.1	48.5	143.5	0.0	10.1		54
9	UI MAGIC CL+	SWW	60.8	42.5	139.0	0.0	11.2		53
19	ORI2150033 CL+	SWW	61.0	44.8	142.5	0.0	12.6		36
15	WB 1376 CLP	SWW	63.2	47.0	143.5	0.0	12.7		58
21	UI MAGIC / UI CASTLE BLEND	SWW	61.5	43.8	141.3	60.0	10.7		44
20	ORI2150061 CL+	SWW	63.7	45.8	139.0	0.0	11.5		31
10	UI CASTLE CL+	SWW	61.2	41.3	144.0	47.5	11.0		39
2	LCS ARTDECO*	SWW	58.5	41.8	128.5	0.0	11.4		78
23	UI MAGIC / CURIOSITY BLEND	SWW	60.7	46.8	142.0	35.0	10.1		54
22	UI MAGIC / WB 1376 BLEND	SWW	62.3	45.0	142.0	0.0	11.2		62
24	UI CASTLE / WB 1376 BLEND	SWW	62.4	46.0	143.5	5.0	11.1		39
14	WA 8275 CL+	SWW	58.9	44.0	144.0	0.0	11.7		53
4	SY OVATION*	SWW	61.6	45.0	143.0	0.0	10.7		70
18	ORI2150031 CL+	SWW	61.5	45.5	142.0	0.0	11.6		33
16	XA 1101 CLP	SWW	62.3	48.5	142.0	0.0	12.2		43
25	UI MAGIC / ORCF-102 BLEND	SWW	61.3	46.8	143.5	22.5	11.2		39
6	ORCF-101	SWW	59.7	47.0	144.0	0.0	11.5		48
17	XA 1401 CLP	SWW	62.3	46.0	143.5	18.8	13.0		36
11	UI PALOUSE CL +	SWW	59.4	43.5	145.0	0.0	11.6		72
13	MELA CL+	SWW	59.8	48.0	149.5	73.8	10.9		49
12	CURIOSITY CL+	SWW	60.3	48.5	149.3	51.3	10.2		52
8	ORCF-103	SWW	59.4	43.8	150.0	10.0	11.5		64
	Site Average		61.0	45.3	142.8	13.6	11.3		50
	LSD (0.05)		1.4	2.7	1.1	21.8	1.2		8
	CV (%)		1.7	4.3	0.5	114.2	7.7		11

<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; UCS = Unacceptable Except Customer-Specific Uses