



## 2018 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS Ruggs (Conventional Tillage)



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: No major field effects were noted.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality <sup>¶</sup>	2018 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	128.4	1	125.3	1	117.2	1
5	Norwest Tandem (LOR 334)*	SWW	A	125.5	2	124.6	2		
2	LCS Artdeco*	SWW	A	124.5	3	111.0	4	104.9	2
4	SY Dayton*	SWW	D	124.2	4				
3	WB 1529*	SWW	A	121.2	5	102.4	9	94.7	7
20	ORI2161250 CL+	SWW		116.7	6				
13	Stingray CL+ (WA 8275 CL+)	SWW		114.9	7	115.1	3		
19	ORI2161244 CL+	SWW		114.8	8				
8	UI Magic CL+	SWW	D	113.9	9	91.2	14	85.7	9
9	UI Castle CL+	SWW	MD	113.5	10	93.5	12	90.5	8
10	UI Palouse CL +	SWW	MD	111.8	11	95.3	11	94.9	6
6	ORCF-101	SWW	D	110.6	12	103.4	8	99.6	4
11	Curiosity CL+	SWW	A	109.2	13	92.6	13	95.9	5
18	ORI2150030 CL+	SWW		108.5	14				
15	ORI2150031 CL+	SWW		107.0	15	110.5	5		
7	ORCF-102	SWW	A	105.7	16	86.5	15	83.4	10
12	Resilience CL+ (WA 8187)	SWW	D	105.5	17				
16	ORI2150033 CL+	SWW		105.4	18	110.1	6		
17	ORI2150061 CL+	SWW		101.6	19	105.2	7		
14	WB 1376 CLP	SWW		100.9	20	102.3	10	100.6	3
	Site Average			113.2		104.6		96.8	
	LSD (0.05)			11.1					
	CV (%)			6.9					

<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 unpubishable
- 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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Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %	Heading Date
1	Bobtail*	SWW	34.3	60.3	8.9	5-25
5	Norwest Tandem (LOR 334)*	SWW	30.8	62.7	9.5	5-21
2	LCS Artdeco*	SWW	32.0	61.7	8.5	5-19
4	SY Dayton*	SWW	34.0	63.0	9.0	5-23
3	WB 1529*	SWW	34.0	64.0	9.3	5-24
20	ORI2161250 CL+	SWW	36.0	63.4	9.5	5-20
13	Stingray CL+ (WA 8275 CL+)	SWW	32.8	62.7	9.5	5-25
19	ORI2161244 CL+	SWW	35.3	62.5	9.5	5-19
8	UI Magic CL+	SWW	33.0	62.8	8.7	5-21
9	UI Castle CL+	SWW	36.5	63.4	8.8	5-24
10	UI Palouse CL +	SWW	33.3	62.4	9.1	5-24
6	ORCF-101	SWW	32.8	62.4	9.5	5-24
11	Curiosity CL+	SWW	42.8	62.4	8.8	5-27
18	ORI2150030 CL+	SWW	35.5	63.1	9.3	5-24
15	ORI2150031 CL+	SWW	36.0	62.6	9.9	5-25
7	ORCF-102	SWW	35.5	63.1	9.5	5-24
12	Resilience CL+ (WA 8187)	SWW	34.0	62.5	8.9	5-25
16	ORI2150033 CL+	SWW	35.0	62.6	9.2	5-24
17	ORI2150061 CL+	SWW	32.3	63.9	10.8	5-22
14	WB 1376 CLP	SWW	33.5	64.8	9.7	5-22
	Site Average		34.5	62.8	9.3	5-23
	LSD (0.05)		1.7	0.5	1.0	1.1
	CV (%)		3.4	0.6	7.4	

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