



2018 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS LEXINGTON (No-till)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Protein lower than expected- possible fertilizer error.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality [¶]	2018 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
6	ORCF-101	SWW	D	60.3	1	60.7	2	53.9	3
5	Norwest Tandem (LOR 334)*	SWW	A	58.6	2	64.3	1		
13	Stingray CL+ (WA 8275 CL+)	SWW		57.7	3	59.1	5		
14	WB 1376 CLP	SWW		57.1	4	58.6	6	52.4	4
8	UI Magic CL+	SWW	D	56.3	5	58.3	7	51.5	6
19	ORI2161244 CL+	SWW		56.2	6				
12	Resilience CL+ (WA 8187)	SWW	D	55.0	7				
1	Bobtail*	SWW	MD	55.0	8	60.2	3	54.1	2
3	WB 1529*	SWW	A	54.8	9	57.9	8	52.1	5
20	ORI2161250 CL+	SWW		54.3	10				
2	LCS Artdeco*	SWW	A	54.1	11	60.1	4	56.7	1
7	ORCF-102	SWW	A	52.7	12	56.9	9	50.6	7
10	UI Palouse CL +	SWW	MD	52.4	13	53.3	14	48.1	9
9	UI Castle CL+	SWW	MD	50.7	14	54.0	12	47.7	10
11	Curiosity CL+	SWW	A	50.4	15	54.7	11	50.4	8
4	SY Dayton*	SWW	D	50.4	16				
17	ORI2150061 CL+	SWW		46.3	17	54.8	10		
16	ORI2150033 CL+	SWW		42.8	18	51.3	15		
15	ORI2150031 CL+	SWW		42.7	19	53.5	13		
18	ORI2150030 CL+	SWW		40.4	20				
	Site Average			52.4		57.2		51.8	
	LSD (0.05)			5.7					
	CV (%)			7.7					

†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 unublishable
- 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; UCS = Unacceptable Except Customer-Specific Uses



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Entry	Variety	Class	Height in	Test Weight lbs/bu	Protein %
6	ORCF-101	SWW	32.0	60.8	8.5
5	Norwest Tandem (LOR 334)*	SWW	28.8	61.2	7.8
13	Stingray CL+ (WA 8275 CL+)	SWW	31.5	60.4	7.9
14	WB 1376 CLP	SWW	33.3	63.3	8.7
8	UI Magic CL+	SWW	31.0	61.1	7.9
19	ORI2161244 CL+	SWW	33.0	60.3	7.7
12	Resilience CL+ (WA 8187)	SWW	31.3	60.7	7.8
1	Bobtail*	SWW	29.3	57.3	8.6
3	WB 1529*	SWW	30.8	61.1	8.3
20	ORI2161250 CL+	SWW	33.5	61.1	8.0
2	LCS Artdeco*	SWW	28.0	59.1	8.7
7	ORCF-102	SWW	32.3	61.0	8.3
10	UI Palouse CL +	SWW	29.5	60.1	8.4
9	UI Castle CL+	SWW	31.3	60.6	8.1
11	Curiosity CL+	SWW	31.5	61.3	7.4
4	SY Dayton*	SWW	29.8	59.5	7.9
17	ORI2150061 CL+	SWW	30.5	62.5	9.1
16	ORI2150033 CL+	SWW	32.3	60.1	8.2
15	ORI2150031 CL+	SWW	32.8	60.1	8.2
18	ORI2150030 CL+	SWW	32.3	60.1	8.5
	Site Average		31.2	60.6	8.2
	LSD (0.05)		1.4	0.4	1.3
	CV (%)		3.1	0.5	11.0

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