



2018 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS Hermiston (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Excessive lodging, fourth replicate discarded due to herbicide damage from adjacent potato field.

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
13	Stingray CL+ (WA 8275 CL+)	SWW		152.7	1	140.8	1		
12	Resilience CL+ (WA 8187)	SWW	D	144.6	2				
1	Bobtail*	SWW	MD	139.5	3	139.0	2	139.3	1
2	LCS Artdeco*	SWW	A	137.2	4	134.8	4	120.8	5
5	Norwest Tandem (LOR 334)*	SWW	A	135.4	5	135.6	3		
14	WB 1376 CLP	SWW		134.7	6	131.8	5	126.5	3
18	ORI2150030 CL+	SWW		133.7	7				
15	ORI2150031 CL+	SWW		132.5	8	129.7	7		
17	ORI2150061 CL+	SWW		130.9	9	124.9	10		
6	ORCF-101	SWW	D	130.3	10	130.6	6	128.7	2
7	ORCF-102	SWW	A	126.0	11	122.3	12	118.7	6
16	ORI2150033 CL+	SWW		125.5	12	125.9	9		
4	SY Dayton*	SWW	D	125.3	13				
19	ORI2161244 CL+	SWW		125.0	14				
10	UI Palouse CL +	SWW	MD	124.6	15	122.8	11	118.2	7
20	ORI2161250 CL+	SWW		120.9	16				
3	WB 1529*	SWW	A	120.6	17	128.3	8	126.0	4
8	UI Magic CL+	SWW	D	116.2	18	112.0	14	109.0	9
9	UI Castle CL+	SWW	MD	109.9	19	116.1	13	115.9	8
11	Curiosity CL+	SWW	A	82.1	20	87.8	15	82.2	10
	Site Average			128.4		125.5		118.5	
	LSD (0.05)			16.5					
	CV (%)			8.9					

†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.

‡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 %	Lodging %
13	Stingray CL+ (WA 8275 CL+)	SWW	36.7	62.6	11.0	0.0
12	Resilience CL+ (WA 8187)	SWW	35.7	63.3	10.5	0.0
1	Bobtail*	SWW	36.3	60.7	9.1	36.7
2	LCS Artdeco*	SWW	33.7	62.2	9.4	13.3
5	Norwest Tandem (LOR 334)*	SWW	34.3	63.0	9.8	3.3
14	WB 1376 CLP	SWW	39.7	64.3	11.6	0.0
18	ORI2150030 CL+	SWW	35.0	63.3	10.7	0.0
15	ORI2150031 CL+	SWW	36.7	63.0	10.9	0.0
17	ORI2150061 CL+	SWW	38.0	64.1	11.7	0.0
6	ORCF-101	SWW	38.0	63.4	11.0	0.0
7	ORCF-102	SWW	38.3	63.2	10.8	6.7
16	ORI2150033 CL+	SWW	36.0	63.3	10.4	0.0
4	SY Dayton*	SWW	35.3	62.9	9.6	36.7
19	ORI2161244 CL+	SWW	36.3	62.4	11.1	6.7
10	UI Palouse CL +	SWW	36.0	63.8	10.1	0.0
20	ORI2161250 CL+	SWW	37.5	62.5	10.7	25.0
3	WB 1529*	SWW	34.0	63.9	10.2	66.7
8	UI Magic CL+	SWW	34.5	62.6	10.6	45.0
9	UI Castle CL+	SWW	36.3	63.0	10.7	66.7
11	Curiosity CL+	SWW	38.0	60.8	9.1	65.0
	Site Average		36.3	62.9	10.5	17.8
	LSD (0.05)		1.5	0.6	0.7	29.6
	CV (%)		2.8	0.7	4.5	115.5

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