



2019 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS

Hermiston (Irrigated)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial appeared to be relatively uniform.

Plots were not treated with fungicide.

Entry	Variety	Class	Quality ^a	2019 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
46	Stingray CL+ (WA 8275 CL+)	SWW		136.3	1	144.5	1	139.3	1
50	UIL 17-6333 CL+	SWW		129.7	2				
6	Norwest Tandem*	SWW	A	129.5	3	132.4	4	133.6	3
54	Appleby CL+ (OR12161250 CL+)	SWW		128.7	4	124.8	11		
45	Resilience CL+	SWW	D	128.7	5	136.6	2		
53	OR12161244 CL+	SWW		128.2	6	126.6	8		
42	ORCF-101	SWW		128.2	7	129.2	6	129.8	5
5	Bobtail*	SWW	MD	127.8	8	133.7	3	135.3	2
16	LCS Artdeco*	SWW	A	126.6	9	131.9	5	132.1	4
51	UIL 17-6451 CL+	SWW		126.4	10				
43	ORCF-102	SWW		125.9	11	126.0	9	123.5	9
29	SY Dayton*	SWW	D	125.3	12	125.3	10		
48	UI Magic CL+	SWW	D	124.8	13	120.5	13	116.2	11
47	WB 1376 CLP	SWW	LD	122.7	14	128.7	7	128.8	6
55	OR12170011 Cl+	SWW		117.6	15				
49	UI Castle CL+	SWW	MD	117.5	16	113.7	15	116.6	10
12	WB 1529*	SWW	A	116.4	17	118.5	14	124.3	7
52	OR 2x2 CL+ (OR12150031 Cl+)	SWW		111.6	18	122.1	12	123.6	8
44	Curiosity CL+	SWW	A	105.5	19	93.8	16	93.7	12
	Site Average			124.4		125.5		124.7	
	LSD (0.05)			16.8					
	CV (%)			9.7					

†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 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.

‡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 %
46	Stingray CL+ (WA 8275 CL+)	SWW	40	62.275	11.675
50	UIL 17-6333 CL+	SWW	35.5	63.1	11.8
6	Norwest Tandem*	SWW	35.0	61.6	10.3
54	Appleby CL+ (OR12161250 CL+)	SWW	40.8	62.7	11.5
45	Resilience CL+	SWW	39.7	62.8	11.2
53	OR12161244 CL+	SWW	39.0	62.1	11.7
42	ORCF-101	SWW	39.3	62.8	11.6
5	Bobtail*	SWW	38.0	60.1	9.6
16	LCS Artdeco*	SWW	33.8	61.1	10.8
51	UIL 17-6451 CL+	SWW	42.5	64.5	11.5
43	ORCF-102	SWW	43.0	63.0	11.5
29	SY Dayton*	SWW	38.0	61.2	11.2
48	UI Magic CL+	SWW	37.8	62.5	10.5
47	WB 1376 CLP	SWW	39.7	64.3	12.5
55	OR12170011 Cl+	SWW	33.7	61.5	11.4
49	UI Castle CL+	SWW	40.3	62.9	10.7
12	WB 1529*	SWW	37.3	63.3	11.7
52	OR 2x2 CL+ (OR12150031 Cl+)	SWW	39.5	62.4	10.8
44	Curiosity CL+	SWW	42.3	61.5	10.2
	Site Average		38.7	62.4	11.1
	LSD (0.05)		2.2	0.8	1.4
	CV (%)		4.1	0.9	9.2

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