



2018 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS Dayton



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Collaborative site with WSU Variety Testing and Northwest Grain Growers.

3-year data is from WSU Variety Testing.

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
14	LCS Artdeco*	SWW	A	117.8	1	128.9	1	123.3	2
15	Bobtail*	SWW	MD	115.0	2	127.0	2	124.3	1
1	KXB-01	SWW		114.1	3	123.6	3	120.7	3
5	WA 8274 CL+	SWW		110.3	4	119.7	5		
3	UI Palouse CL+	SWW	MD	110.2	5	113.1		108.7	7
13	SY Dayton*	SWW	D	108.5	6				
18	UI Castle CL+	SWW	MD	107.4	7	113.7	9	109.8	6
17	Stingray CL+ (WA 8275 CL+)	SWW		103.8	8	123.4	4		
16	SY Clearstone CL2	HRW		102.8	9				
4	ORCF-101	SWW	D	102.8	10	111.9	11		
12	ORI2150033 CL+	SWW		101.4	11	113.7	10		
21	UI Magic CL+	SWW	D	100.6	12	116.8	6	110.9	5
10	Curiosity CL+	SWW	A	99.8	13	101.4	15	101.3	10
11	ORCF-102	SWW	A	99.4	14	109.2	13	108.5	8
6	Norwest Tandem*	SWW	A	97.2	15	116.6	7		
20	Resilience CL+ (WA 8187)	SWW	D	97.0	16	116.0	8	113.0	4
8	ORI2150030 CL+	SWW		96.1	17				
9	ORI2150031 CL+	SWW		95.6	18	110.8	12		
24	ORI2161250 CL+	SWW		94.5	19				
19	WB 4623CLP	HRW	MD	89.0	20				
23	ORI2161244 CL+	SWW		88.5	21				
2	WB 1376CLP	SWW		85.6	22	104.3	14	102.5	9
7	ORI2150061 CL+	SWW		76.8	23	91.4	16		
22	Brawl CL+	HRW		74.1	24				
	Site Average			99.5		114.2		112.3	
	LSD (0.05)			15.4					
	CV (%)			10.9					

†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 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 %	Heading Date
14	LCS Artdeco*	SWW	32.7	62.2	9.8	5-20
15	Bobtail*	SWW	35.3	60.8	10.1	5-24
1	KXB-01	SWW	39.3	62.5	10.5	5-24
5	WA 8274 CL+	SWW	36.0	62.3	11.8	5-25
3	UI Palouse CL+	SWW	35.7	61.9	11.4	5-25
13	SY Dayton*	SWW	34.3	62.7	10.3	5-24
18	UI Castle CL+	SWW	37.7	63.0	11.8	5-24
17	Stingray CL+ (WA 8275 CL+)	SWW	36.0	62.9	11.0	5-22
16	SY Clearstone CL2	HRW	42.0	63.2	11.6	5-21
4	ORCF-101	SWW	36.3	62.8	11.8	5-23
12	ORI2150033 CL+	SWW	39.3	62.6	12.2	5-22
21	UI Magic CL+	SWW	34.7	62.9	11.6	5-20
10	Curiosity CL+	SWW	40.7	62.9	11.0	5-28
11	ORCF-102	SWW	40.7	63.1	11.2	5-23
6	Norwest Tandem*	SWW	32.0	62.6	10.7	5-19
20	Resilience CL+ (WA 8187)	SWW	34.7	63.1	10.8	5-24
8	ORI2150030 CL+	SWW	36.7	62.9	11.6	5-22
9	ORI2150031 CL+	SWW	37.0	62.9	11.3	5-23
24	ORI2161250 CL+	SWW	37.7	63.0	11.4	5-19
19	WB 4623CLP	HRW	37.0	63.5	13.0	5-19
23	ORI2161244 CL+	SWW	35.3	62.7	12.1	5-18
2	WB 1376CLP	SWW	36.3	64.0	11.8	5-21
7	ORI2150061 CL+	SWW	31.0	62.8	13.0	5-20
22	Brawl CL+	HRW	36.0	64.0	13.2	5-17
	Site Average		36.4	62.8	11.5	5-22
	LSD (0.05)		2.7	0.6	0.8	2
	CV (%)		5.2	0.7	5.2	

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