



## 2019 OREGON CLEARFIELD WINTER ELITE YIELD TRIALS Eureka (Conventional Tillage)



Site Quality Index† = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial appeared to be relatively uniform.

Trail was conducted in collaboration with Washington State University and Northwest Grain Growers

Entry	Variety	Class	Quality <sup>a</sup>	2019 Yield Data <sup>‡</sup>		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
16	LCS Artdeco*	SWW	A	71.8	1	86.6	1	71.1	3
85	Keldin*	HRW	A	68.1	2				
5	Bobtail*	SWW	MD	68.0	3	80.7	2	77.1	1
75	WA 8306 CL+	SWW		65.4	4				
44	Curiosity CL+	SWW	A	65.2	5	77.5	5	71.7	2
46	Stingray CL+ (WA 8275 CL+)	SWW		64.1	6	76.5	6	68.3	5
54	Appleby CL+ (ORI2161250 CL+)	SWW		63.7	7	75.3	7		
74	WA 8305 CL+	SWW		63.7	8				
43	ORCF-102	SWW		63.6	9	75.2	8	67.5	6
51	UIL 17-6451 CL+	SWW		62.7	10				
73	UIL 17-6268 CL+	SWW		62.4	11				
53	ORI2161244 CL+	SWW		61.6	12	73.7	9		
6	Norwest Tandem*	SWW	A	61.0	13	79.2	3	69.5	4
29	SY Dayton*	SWW	D	60.9	14	78.9	4		
52	OR 2x2 CL+ (ORI2150031 Cl+)	SWW		60.1	15	71.6	11	62.4	9
83	Clearstone CL2	HRW		57.2	16	71.0	12		
49	UI Castle CL+	SWW	MD	55.3	17	70.4	14	63.0	8
45	Resilience CL+	SWW	D	54.9	18	70.6	13	63.8	7
47	WB 1376 CLP	SWW	LD	54.0	19	68.1	15	57.1	11
50	UIL 17-6333 CL+	SWW		53.2	20				
79	Brawl CL+	HRW		52.5	21	58.9	17		
48	UI Magic CL+	SWW	D	51.7	22	71.9	10	60.3	10
55	ORI2170011 Cl+	SWW		49.9	23				
86	WB 4623 CLP	HRW	MD	49.4	24	64.8	16		
	Site Average			60.0		73.6		66.5	
	LSD (0.05)			6.3					
	CV (%)			7.5					

†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 %
16	LCS Artdeco*	SWW	29.7	61.7	10.8
85	Keldin*	HRW	33.0	64.8	12.0
5	Bobtail*	SWW	31.3	60.6	11.0
75	WA 8306 CL+	SWW	34.0	62.5	10.7
44	Curiosity CL+	SWW	35.3	63.2	10.9
46	Stingray CL+ (WA 8275 CL+)	SWW	31.7	61.8	12.3
54	Appleby CL+ (OR12161250 CL+)	SWW	32.0	62.3	12.0
74	WA 8305 CL+	SWW	33.3	62.5	11.1
43	ORCF-102	SWW	33.3	62.3	12.2
51	UIL 17-6451 CL+	SWW	32.3	63.9	12.2
73	UIL 17-6268 CL+	SWW	28.0	62.2	11.2
53	OR12161244 CL+	SWW	32.3	62.5	12.4
6	Norwest Tandem*	SWW	27.0	62.6	11.8
29	SY Dayton*	SWW	29.3	62.6	11.6
52	OR 2x2 CL+ (OR12150031 Cl+)	SWW	32.7	61.6	13.0
83	Clearstone CL2	HRW	35.3	62.6	13.3
49	UI Castle CL+	SWW	31.0	62.1	12.3
45	Resilience CL+	SWW	29.0	62.9	12.1
47	WB 1376 CLP	SWW	31.7	63.9	13.0
50	UIL 17-6333 CL+	SWW	28.7	63.7	12.9
79	Brawl CL+	HRW	32.0	64.9	12.7
48	UI Magic CL+	SWW	29.0	63.4	12.2
55	OR12170011 Cl+	SWW	28.3	62.4	11.7
86	WB 4623 CLP	HRW	32.0	63.6	14.1
	Site Average		31.3	62.8	12.1
	LSD (0.05)		1.6	0.6	0.3
	CV (%)		3.6	0.7	1.7

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