



2016 OREGON HARD WINTER ELITE YIELD TRIALS DAYTON, WA (No-Till)



Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Site was irrigated prior to planting.
Environmental conditions had minimal impact at this site.

Long term data not available for this site.

Entry	Variety	Class	Quality Rating [‡]	2016 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
				Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
1	BOBTAIL*	SWW	MD	180.7	1				
6	LCS JET	HRW		171.8	2				
7	NSA 10-2196	HRW		169.1	3				
8	LCS AYMERIC	HRW		164.5	4				
9	NSA 11-8010	HRW		161.5	5				
26	OR 2110664	HWW		160.1	6				
12	KELDIN	HRW	LD	158.7	7				
4	LCS COLONIA	HRW	LD	158.6	8				
2	NORWEST 553*	HRW	D	157.5	9				
17	WA 8248	HRW		156.7	10				
10	HE 181/3	HRW		155.8	11				
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		155.3	12				
5	LCS EVINA	HRW		155.3	13				
28	OR 2111025	HWW		154.5	14				
14	WHETSTONE	HRW	MD	153.2	15				
29	OR 2120276H	HWW		152.9	16				
24	UI SILVER	HWW	MD	152.0	17				
27	OR 2110679	HWW		149.9	18				
18	WA 8249	HRW		148.7	19				
22	OR 2120012R	HRW		148.7	20				
21	AVERY	HRW		148.1	21				
3	LCS AZIMUT	HRW	U	144.9	22				
30	OR 2120311H	HWW		143.3	23				
11	WB ARROWHEAD	HRW	MD	142.0	24				
23	ANTERO	HWW		141.8	25				
20	DENALI	HRW		138.4	26				
13	WB 4623 CLP	HRW		137.4	27				
25	IDO 1101	HWW		137.0	28				
16	CLEARSTONE CL2	HRW		131.2	29				
19	BRAWL CL+	HRW		110.7	30				
	Site Average			151.8					
	LSD (0.05)			13.7					
	CV (%)			6.3					

[†] 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. Grain yields in bold met or exceeded the protein targets for their class.

* 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; U = Unacceptable



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Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Protein
			lbs/bu	inches	DOY	%
1	BOBTAIL*	SWW	61.6	38.3	135.5	10.4
6	LCS JET	HRW	63.0	35.3	129.8	12.0
7	NSA 10-2196	HRW	62.2	33.0	129.3	11.4
8	LCS AYMERIC	HRW	61.1	33.0	134.0	10.2
9	NSA 11-8010	HRW	61.6	33.8	130.5	10.7
26	OR 2110664	HWW	64.0	38.3	135.0	11.2
12	KELDIN	HRW	64.5	39.0	133.3	11.7
4	LCS COLONIA	HRW	60.9	37.5	140.5	11.5
2	NORWEST 553*	HRW	64.1	35.3	134.3	12.2
17	WA 8248	HRW	64.7	37.5	131.3	12.4
10	HE 181/3	HRW	62.0	46.5	139.5	11.3
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	64.6	34.5	135.8	12.0
5	LCS EVINA	HRW	63.3	45.0	140.3	13.5
28	OR 2111025	HWW	64.6	40.5	134.8	11.7
14	WHETSTONE	HRW	64.6	41.3	131.8	12.5
29	OR 2120276H	HWW	64.5	37.5	130.0	11.9
24	UI SILVER	HWW	64.8	48.0	139.3	11.5
27	OR 2110679	HWW	64.2	38.3	133.3	11.5
18	WA 8249	HRW	64.0	38.3	129.0	13.1
22	OR 2120012R	HRW	63.6	38.3	131.0	12.0
21	AVERY	HRW	64.7	36.8	127.8	11.7
3	LCS AZIMUT	HRW	60.9	31.5	129.3	11.2
30	OR 2120311H	HWW	63.8	37.5	132.3	12.1
11	WB ARROWHEAD	HRW	64.1	41.3	131.5	12.2
23	ANTERO	HWW	65.4	37.5	127.0	11.7
20	DENALI	HRW	65.3	37.5	128.5	11.2
13	WB 4623 CLP	HRW	64.0	40.5	133.5	13.6
25	IDO 1101	HWW	64.4	34.5	131.8	12.1
16	CLEARSTONE CL2	HRW	63.7	45.8	135.3	12.2
19	BRAWL CL+	HRW	64.6	37.5	126.0	13.4
	Site Average		63.6	38.3	132.7	11.9
	LSD (0.05)		0.3	2.0	1.2	0.5
	CV (%)		0.4	3.7	0.6	2.9

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