



2016 OREGON HARD WINTER ELITE YIELD TRIALS HELIX (No-Till)



Site Quality Index[†] = 3
1 = Poor 3 = Average 5 = Excellent

Site Description: New site for 2016.
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
7	NSA 10-2196	HRW		66.4	1				
8	LCS AYMERIC	HRW		65.5	2				
3	LCS AZIMUT	HRW	U	65.3	3				
22	OR 2120012R	HRW		63.3	4				
6	LCS JET	HRW		62.5	5				
4	LCS COLONIA	HRW	LD	61.9	6				
12	KELDIN	HRW	LD	61.1	7				
9	NSA 11-8010	HRW		60.4	8				
28	OR 2111025	HWW		59.6	9				
26	OR 2110664	HWW		59.6	10				
13	WB 4623 CLP	HRW		59.2	11				
2	NORWEST 553*	HRW	D	56.7	12				
27	OR 2110679	HWW		56.6	13				
29	OR 2120276H	HWW		56.3	14				
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		55.7	15				
5	LCS EVINA	HRW		55.1	16				
17	WA 8248	HRW		55.1	17				
10	HE 181/3	HRW		54.5	18				
25	IDO 1101	HWW		54.4	19				
20	DENALI	HRW		53.3	20				
11	WB ARROWHEAD	HRW	MD	53.0	21				
14	WHETSTONE	HRW	MD	52.1	22				
24	UI SILVER	HWW	MD	51.8	23				
30	OR 2120311H	HWW		51.6	24				
1	BOBTAIL*	SWW	MD	51.1	25				
18	WA 8249	HRW		50.1	26				
23	ANTERO	HWW		48.8	27				
16	CLEARSTONE CL2	HRW		46.5	28				
19	BRAWL CL+	HRW		44.9	29				
21	AVERY	HRW		41.5	30				
	Site Average			55.9					
	LSD (0.05)			6.0					
	CV (%)			7.2					

[†] 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	%
7	NSA 10-2196	HRW		59.7	30.0	128.5	12.2
8	LCS AYMERIC	HRW		57.8	28.3	134.0	11.8
3	LCS AZIMUT	HRW		58.4	26.3	129.8	12.2
22	OR 2120012R	HRW		60.8	32.3	131.5	13.3
6	LCS JET	HRW		59.7	28.5	130.8	13.2
4	LCS COLONIA	HRW		58.8	33.0	141.8	12.8
12	KELDIN	HRW		61.9	33.8	138.5	13.3
9	NSA 11-8010	HRW		59.8	27.8	131.5	11.9
28	OR 2111025	HWW		62.8	32.3	138.8	13.1
26	OR 2110664	HWW		61.7	32.0	136.3	12.9
13	WB 4623 CLP	HRW		61.2	31.5	136.5	14.4
2	NORWEST 553*	HRW		62.6	29.0	138.7	13.4
27	OR 2110679	HWW		62.5	33.0	135.8	12.9
29	OR 2120276H	HWW		63.0	28.7	130.7	13.9
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		62.0	28.3	139.8	13.5
5	LCS EVINA	HRW		59.1	36.0	140.5	14.1
17	WA 8248	HRW		62.2	30.8	132.8	14.5
10	HE 181/3	HRW		59.2	39.0	140.3	12.7
25	IDO 1101	HWW		62.0	28.5	131.5	13.1
20	DENALI	HRW		62.9	29.0	130.5	11.9
11	WB ARROWHEAD	HRW		61.5	33.8	131.0	13.5
14	WHETSTONE	HRW		62.5	32.3	133.8	13.6
24	UI SILVER	HWW		63.0	35.3	139.8	12.6
30	OR 2120311H	HWW		61.7	30.0	133.8	13.3
1	BOBTAIL*	SWW		59.6	32.3	140.5	11.9
18	WA 8249	HRW		61.1	29.3	129.5	14.1
23	ANTERO	HWW		62.9	29.0	126.3	12.5
16	CLEARSTONE CL2	HRW		60.9	34.5	137.0	14.7
19	BRAWL CL+	HRW		62.0	25.5	125.7	13.4
21	AVERY	HRW		62.8	30.0	131.3	12.6
	Site Average			61.1	31.1	134.3	13.1
	LSD (0.05)			0.6	2.4	2.7	0.4
	CV (%)			0.7	5.3	1.4	2.1

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