



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



Site Quality Index[†] = 4
1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.
Site received 4 oz/ac of Tilt on 3/3 to control stripe rust.

5 Year Average Yield = 47.4 bu/ac

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		49.1	1	41.4	1		
6	LCS JET	HRW		48.4	2	39.9	2	37.1	1
9	NSA 11-8010	HRW		46.8	3				
8	LCS AYMERIC	HRW		46.4	4	39.0	4		
12	KELDIN	HRW	LD	46.1	5	39.2	3	36.1	2
1	BOBTAIL*	SWW	MD	44.1	6	36.8	7	32.5	7
4	LCS COLONIA	HRW	LD	44.0	7	35.7	11	33.4	5
10	HE 181/3	HRW		43.9	8				
15	SY TOUCHSTONE (04 PN 028B-3)	HRW		43.2	9	34.8	13	31.5	10
29	OR 2120276H	HWW		43.2	10	36.7	8		
17	WA 8248	HRW		43.1	11				
3	LCS AZIMUT	HRW	U	42.7	12	34.7	14	31.9	8
22	OR 2120012R	HRW		42.2	13	35.9	10		
5	LCS EVINA	HRW		41.5	14	33.6	17	31.7	9
27	OR 2110679	HWW		41.2	15	35.4	12		
11	WB ARROWHEAD	HRW	MD	40.8	16	38.1	5	33.6	4
25	IDO 1101	HWW		40.6	17	37.8	6	34.8	3
30	OR 2120311H	HWW		40.6	18				
2	NORWEST 553*	HRW	D	40.5	19	32.6	20	30.0	12
18	WA 8249	HRW		40.3	20				
20	DENALI	HRW		40.0	21				
14	WHETSTONE	HRW	MD	39.7	22	36.0	9	33.0	6
13	WB 4623 CLP	HRW		39.6	23				
21	AVERY	HRW		39.3	24				
23	ANTERO	HWW		37.8	25				
28	OR 2111025	HWW		37.6	26	33.9	16		
26	OR 2110664	HWW		35.9	27	34.0	15		
19	BRAWL CL+	HRW		35.2	28				
24	UI SILVER	HWW	MD	34.3	29	32.9	19	30.5	11
16	CLEARSTONE CL2	HRW		32.0	30	33.4	18		
	Site Average			41.3		36.0		33.0	
	LSD (0.05)			4.3		2.6		2.2	
	CV (%)			7.4		7.2		8.0	

[†] 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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Site Description: Environmental conditions had minimal impact at this site.
Site received 4 oz/ac of Tilt on 3/3 to control stripe rust.

5 Year Average Test Weight = 60.4 lbs/bu 5 Year Average Grain Protein = 12.4%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
7	NSA 10-2196	HRW	60.3	27.0	121.8	10.0
6	LCS JET	HRW	60.8	24.5	126.0	10.3
9	NSA 11-8010	HRW	60.0	24.0	126.5	9.9
8	LCS AYMERIC	HRW	56.9	24.0	129.8	10.6
12	KELDIN	HRW	63.4	28.0	126.8	10.4
1	BOBTAIL*	SWW	57.3	28.0	127.5	11.0
4	LCS COLONIA	HRW	58.7	26.0	128.5	11.0
10	HE 181/3	HRW	58.1	28.5	126.8	11.1
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	63.2	25.0	127.3	11.3
29	OR 2120276H	HWW	62.3	28.0	123.3	11.1
17	WA 8248	HRW	62.0	26.5	127.3	12.0
3	LCS AZIMUT	HRW	59.1	26.0	125.8	10.9
22	OR 2120012R	HRW	61.4	26.5	127.8	11.6
5	LCS EVINA	HRW	59.7	28.0	126.5	11.9
27	OR 2110679	HWW	61.1	26.5	127.5	11.7
11	WB ARROWHEAD	HRW	63.5	29.5	123.5	11.6
25	IDO 1101	HWW	64.1	25.0	125.5	10.6
30	OR 2120311H	HWW	62.4	25.5	127.5	11.8
2	NORWEST 553*	HRW	63.2	24.8	126.3	11.9
18	WA 8249	HRW	63.3	28.5	121.0	11.4
20	DENALI	HRW	64.2	27.5	124.0	10.6
14	WHETSTONE	HRW	62.4	27.0	128.3	11.2
13	WB 4623 CLP	HRW	62.9	26.0	128.0	11.7
21	AVERY	HRW	63.6	27.0	122.3	10.4
23	ANTERO	HWW	64.3	27.0	119.8	10.5
28	OR 2111025	HWW	61.3	28.0	126.8	12.2
26	OR 2110664	HWW	61.4	26.5	127.3	11.7
19	BRAWL CL+	HRW	64.7	28.0	120.0	11.2
24	UI SILVER	HWW	63.1	29.0	127.8	11.5
16	CLEARSTONE CL2	HRW	61.5	29.5	127.5	13.3
	Site Average		61.6	26.8	125.8	11.2
	LSD (0.05)		0.7	1.8	2.6	0.7
	CV (%)		0.8	4.9	1.5	4.1

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