



2015 OREGON SOFT AND HARD WINTER ELITE YIELD TRIALS HERMISTON SBMV (Irrigated)



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

Site Description: Only new entries to the 2015 OSU statewide soft and hard winter wheat variety trials were evaluated.
Varieties labeled NR were completely killed by winter injury and/or soilborne wheat mosaic virus.
Site was managed for hard wheat production.

Entry	Variety	Class	2015 Yield Data [‡]		Soilborne Wheat Mosaic Virus Rating [¶]	Winter Hardiness Rating [¶]
			Yield	Rank	1 to 10	1 to 10
			bu/ac		12-Mar-15	12-Mar-15
28	LCS AYMERIC	HRW	155.4	1	1.3	3.5
2	SY OVATION*	SWW	154.2	2	2.3	1.8
11	PUMA	SWW	144.8	3	2.5	1.0
1	LADD*	SWW	142.9	4	1.0	3.8
5	UI/WSU HUFFMAN	SWW	139.9	5	1.8	1.3
21	WB 1376 CLP (EXP 1030CL+)	SWW	114.6	6	3.0	1.0
31	OR 2110664	HWW	114.0	7	7.0	1.0
34	OR 2111025	HWW	113.9	8	7.5	1.0
18	LOR 334	SWW	106.2	9	8.0	4.3
3	BOBTAIL	SWW	105.9	10	8.0	1.0
35	OR 2120276H	HWW	104.2	11	7.8	1.0
8	LWW 11-431	SWW	101.9	12	8.0	1.0
29	CLEARSTONE CL2	HRW	99.6	13	7.5	1.0
20	WB EXP 1028CL+	SWW	99.0	14	2.5	7.3
10	SY 71-4 (Exp)	SWW	96.9	15	8.0	2.5
19	LOR 092	SWW	95.8	16	8.0	1.0
16	LOR 913	SWW	94.8	17	8.0	4.0
25	YS 9568-A	SWW	90.6	18	7.3	1.0
32	OR 2110679	HWW	90.5	19	8.0	1.3
15	LOR 978	SWW	88.4	20	7.8	4.8
30	IDO 1209DH	HWW	83.8	21	5.5	1.0
4	KASEBERG	SWW	79.5	22	8.0	4.5
13	DAS 003	SWW	77.0	23	7.5	1.3
14	DAS 004	SWW	72.5	24	8.0	1.0
7	IDN 06-033038	SWW	71.9	25	8.0	2.3
27	HE 9817/1.2	HRW	68.9	26	8.0	6.3
6	IDN 06-18102A	SWW	68.1	27	8.0	1.0
17	LOR 833	SWW	56.0	28	8.0	8.0
12	JASPER (WA 8169)	SWW	55.4	29	6.5	1.0
33	OR 2110697	HWW	54.4	30	8.0	9.8
9	SY 96-2 (Exp)	SWW	51.0	31	8.0	7.8
26	NSA 10-2196	HRW	46.0	32	8.0	6.8
22	OR 2080637	SWW	NR		8.0	9.8
23	OR 2101043	SWW	NR		NR	10.0
24	OR 2110526	SWW	NR		NR	10.0
	Site Average		98.1		6.5	3.6
	LSD (0.05)		16.8		0.9	2.3
	CV (%)		10.3		8.4	46.4

[†] 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.

[¶] Visual ratings of plot damage range from 1 to 10, where 1 represents no visible damage and 10 represents significant damage. Overall disease pressure at the Hermiston SBMV site was relatively uniform across the plot area.

* Indicates check variety.



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Entry	Variety	Class		Test Weight	Plant Height	Protein
				lbs/bu	inches	%
28	LCS AYMERIC	HRW		55.7	37.5	15.4
2	SY OVATION*	SWW		58.9	37.8	15.6
11	PUMA	SWW		58.5	42.3	16.4
1	LADD*	SWW		58.1	39.0	14.8
5	UI/WSU HUFFMAN	SWW		57.8	39.3	15.6
21	WB 1376 CLP (EXP 1030CL+)	SWW		59.9	37.8	15.9
31	OR 2110664	HWW		57.3	35.8	16.0
34	OR 2111025	HWW		58.9	38.5	14.2
18	LOR 334	SWW		54.9	34.3	16.2
3	BOBTAIL	SWW		55.1	34.0	15.8
35	OR 2120276H	HWW		59.2	30.5	15.1
8	LWW 11-431	SWW		59.0	33.3	15.9
29	CLEARSTONE CL2	HRW		58.4	37.8	14.7
20	WB EXP 1028CL+	SWW		57.8	37.0	14.4
10	SY 71-4 (Exp)	SWW		55.0	32.8	15.4
19	LOR 092	SWW		57.4	37.3	15.3
16	LOR 913	SWW		56.6	30.3	15.7
25	YS 9568-A	SWW		56.8	31.5	15.7
32	OR 2110679	HWW		58.0	33.8	15.6
15	LOR 978	SWW		56.6	31.3	16.2
30	IDO 1209DH	HWW		59.4	34.0	14.5
4	KASEBERG	SWW		52.9	34.3	16.1
13	DAS 003	SWW		54.1	31.5	15.8
14	DAS 004	SWW		55.8	36.0	16.0
7	IDN 06-033038	SWW		52.6	28.8	15.7
27	HE 9817/1.2	HRW		53.3	32.3	14.9
6	IDN 06-18102A	SWW		57.1	32.0	15.9
17	LOR 833	SWW		55.5	27.3	15.4
12	JASPER (WA 8169)	SWW		53.0	31.8	16.6
33	OR 2110697	HWW		55.4	28.0	17.0
9	SY 96-2 (Exp)	SWW		56.7	30.0	16.1
26	NSA 10-2196	HRW		55.5	28.8	16.3
22	OR 2080637	SWW		NR	NR	NR
23	OR 2101043	SWW		NR	NR	NR
24	OR 2110526	SWW		NR	NR	NR
	Site Average			56.6	33.9	15.6
	LSD (0.05)			2.1	4.5	NS
	CV (%)			2.3	8.0	7.3

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