



2013 OREGON SOFT WINTER ELITE YIELD TRIALS HERMISTON-SOILBORNE WHEAT MOSAIC VIRUS



Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Established to evaluate varieties for soilborne wheat mosaic virus.
Site was fertilized for hard red winter wheat production, which led to high grain protein.
Two year data is from 2011 and 2013, no data was available for 2012.

Entry	Variety	Class	2013 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
28	SY OVATION	SWW	142.3	1	152.2	1		
24	WB EXP-436	SWW	131.0	2				
22	WB JUNCTION	SWW	125.0	3	129.2	4		
41	BOBTAIL	SWW	121.4	4	135.8	3		
45	OR 2090473	SWW	119.3	5				
43	OR 2080637	SWW	114.2	6				
7	LADD	SWW	113.2	7	141.1	2		
14	LWW 10-1018	SWW	112.2	8				
18	YS 221	SWW	112.2	9				
12	IDO 1108	SWW	110.4	10				
20	YS 434	SWW	110.4	11				
40	OR 2080641	SWW	110.0	12	120.4	5		
21	WB TRIFECTA	SWW	107.4	13				
19	YS 461	SWW	103.0	14				
25	LEGION	SWW	102.3	15	108.1	9		
9	02-10606A	SWW	102.1	16				
23	WB EXP-427	SWW	102.0	17				
15	LWW 04-4009	SWW	101.8	18				
35	AP 700 CL	SWW	100.7	19	108.0	10		
13	LCS ARTDECO	SWW	99.2	20	113.4	6		
4	SKILES	SWW	98.9	21	111.0	7		
36	WB 1070 CL	SWW	97.8	22				
29	ORCF-101	SWW	97.6	23	107.3	11		
6	KASEBERG	SWW	94.5	24	105.0	12		
8	BRUNEAU	SWW	93.2	25	109.3	8		
10	99-06202A	SWW	93.1	26				
32	ORI 2101840	SWW	90.7	27				
1	STEPHENS*	SWW	87.8	28	102.7	13		
26	SY 107	SWW	84.2	29				
34	WA 8143	SWW	80.5	30				
39	ROSALYN	SWW	74.2	31	95.2	15		
11	03-29902A	SWW	73.9	32				
27	AP BADGER	SWW	72.3	33	101.7	14		
44	OR 2080926	SWW	71.7	34				
37	CARA	Club	71.7	35	80.0	19		
31	ORCF-103	SWW	69.4	36	94.6	16		
3	GOETZE	SWW	69.2	37	89.6	17		
38	ARS 010669-2C	Club	68.6	38				
16	WA 8151	SWW	64.9	39				
42	OR 2080924	SWW	59.1	40				
5	MARY	SWW	57.4	41	89.2	18		
17	WA 8153	SWW	57.4	42				
2	TUBBS 06*	SWW	42.2	43	77.4	20		
30	ORCF-102	SWW	37.9	44	76.8	21		
33	ORI 2101841	SWW	28.6	45				
	Site Average		91.7		107.5			
	LSD (0.05)		8.7		7.6			
	CV (%)		6.4		6.7			

[†] 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.

* Indicates check variety.



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Entry	Variety	Class	Test Weight	Plant Height	Protein	SBMV Rating
			lbs/bu	inches	%	1 to 10
28	SY OVATION	SWW	55.6	40.3	12.2	1.0
24	WB EXP-436	SWW	58.7	37.0	12.8	5.0
22	WB JUNCTION	SWW	58.3	35.3	12.2	4.5
41	BOBTAIL	SWW	54.3	38.0	12.9	6.3
45	OR 2090473	SWW	54.2	35.5	12.6	6.5
43	OR 2080637	SWW	55.7	37.0	13.6	6.0
7	LADD	SWW	54.4	38.8	13.1	1.0
14	LWW 10-1018	SWW	53.4	34.8	13.7	6.3
18	YS 221	SWW	56.9	37.3	13.3	6.3
12	IDO 1108	SWW	55.6	42.3	13.8	4.8
20	YS 434	SWW	56.3	38.5	13.1	6.3
40	OR 2080641	SWW	56.1	37.5	13.0	5.8
21	WB TRIFECTA	SWW	58.3	39.5	13.4	6.3
19	YS 461	SWW	55.0	35.3	13.4	6.5
25	LEGION	SWW	54.9	38.5	13.6	8.0
9	02-10606A	SWW	56.9	37.5	12.9	5.8
23	WB EXP-427	SWW	57.8	32.8	13.2	6.5
15	LWW 04-4009	SWW	57.1	35.5	13.7	6.0
35	AP 700 CL	SWW	55.4	37.0	13.7	6.5
13	LCS ARTDECO	SWW	54.4	33.5	11.8	7.0
4	SKILES	SWW	56.9	36.0	14.1	6.3
36	WB 1070 CL	SWW	58.2	33.5	12.4	6.3
29	ORCF-101	SWW	56.4	36.3	13.8	5.3
6	KASEBERG	SWW	53.7	35.3	12.7	6.0
8	BRUNEAU	SWW	56.8	37.3	13.0	6.3
10	99-06202A	SWW	55.9	37.8	13.1	6.0
32	ORI 2101840	SWW	55.8	36.5	14.6	7.0
1	STEPHENS*	SWW	52.4	34.3	13.3	6.0
26	SY 107	SWW	52.0	33.0	13.5	6.3
34	WA 8143	SWW	52.2	39.8	13.6	5.5
39	ROSALYN	SWW	51.1	33.3	13.7	7.3
11	03-29902A	SWW	54.0	38.5	13.9	6.5
27	AP BADGER	SWW	49.8	31.8	12.9	6.3
44	OR 2080926	SWW	49.5	37.8	13.2	8.8
37	CARA	Club	52.2	31.5	16.2	6.8
31	ORCF-103	SWW	48.8	40.8	12.5	1.8
3	GOETZE	SWW	49.4	34.0	13.1	7.0
38	ARS 010669-2C	Club	53.0	34.8	14.9	8.5
16	WA 8151	SWW	51.5	32.8	14.4	9.3
42	OR 2080924	SWW	47.5	38.0	15.4	9.8
5	MARY	SWW	49.4	34.3	13.7	6.0
17	WA 8153	SWW	54.4	33.5	14.9	7.8
2	TUBBS 06*	SWW	48.1	37.3	13.9	8.5
30	ORCF-102	SWW	48.3	34.8	14.6	8.0
33	ORI 2101841	SWW	47.6	35.3	16.7	9.5
	Site Average		53.9	36.2	13.5	
	LSD (0.05)		2.1	3.1	0.6	
	CV (%)		2.8	6.1	3.4	0.9

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