



2013 OREGON SOFT WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY - UNPROTECTED



Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Previously the Corvallis site. Site was moved from Hylsop Research Farm to better reflect the environment and rotation of the southern Willamette Valley.

5 Year Average Yield = 107.8 bu/ac

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
37	CARA	Club	148.3	1	144.0	2	135.2	2
41	BOBTAIL	SWW	145.3	2	145.8	1	142.1	1
45	OR 2090473	SWW	141.7	3				
22	WB JUNCTION	SWW	141.7	4	127.3	6	113.6	7
4	SKILES	SWW	140.5	5	129.9	5	121.2	4
20	YS 434	SWW	137.4	6				
42	OR 2080924	SWW	137.2	7	137.0	3		
39	ROSALYN	SWW	135.3	8	135.8	4	130.7	3
19	YS 461	SWW	133.3	9				
24	WB EXP-436	SWW	132.3	10				
8	BRUNEAU	SWW	132.1	11	114.8	16	110.7	11
44	OR 2080926	SWW	131.8	12				
23	WB EXP-427	SWW	131.1	13				
6	KASEBERG	SWW	130.8	14	127.2	7	110.8	10
43	OR 2080637	SWW	130.7	15				
28	SY OVATION	SWW	130.3	16	123.9	8	113.7	6
17	WA 8153	SWW	128.8	17				
21	WB TRIFECTA	SWW	128.5	18				
35	AP 700 CL	SWW	128.0	19	119.9	11	112.2	8
18	YS 221	SWW	127.6	20	118.4	12		
25	LEGION	SWW	127.0	21	120.1	10	115.7	5
36	WB 1070 CL	SWW	125.4	22	122.1	9		
38	ARS 010669-2C	Club	124.6	23				
40	OR 2080641	SWW	123.0	24	116.8	14	112.2	9
15	LWW 04-4009	SWW	119.5	25	116.4	15		
10	99-06202A	SWW	119.2	26				
9	02-10606A	SWW	118.5	27				
14	LWW 10-1018	SWW	118.4	28				
7	LADD	SWW	117.5	29	114.0	17	108.0	12
16	WA 8151	SWW	116.5	30				
13	LCS ARTDECO	SWW	115.4	31	118.2	13	107.3	13
32	ORI 2101840	SWW	113.2	32				
12	IDO 1108	SWW	111.2	33				
33	ORI 2101841	SWW	110.8	34				
29	ORCF-101	SWW	103.5	35	102.4	18	100.6	14
1	STEPHENS*	SWW	88.9	36	89.3	20	84.3	15
11	03-29902A	SWW	88.8	37				
30	ORCF-102	SWW	82.1	38	78.8	22	70.2	19
27	AP BADGER	SWW	82.1	39	90.2	19	82.8	16
26	SY 107	SWW	81.4	40				
5	MARY	SWW	76.0	41	82.9	21	75.5	18
34	WA 8143	SWW	71.3	42				
3	GOETZE	SWW	54.3	43	72.4	24	64.1	20
31	ORCF-103	SWW	53.1	44	77.6	23	76.7	17
2	TUBBS 06*	SWW	44.5	45	60.1	25	52.3	21
	Site Average		116.7		112.4		102.8	
	LSD (0.05)		14.9		9.5		7.2	
	CV (%)		8.7		8.2		8.5	

[†] 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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Site Description: Previously the Corvallis site. Site was moved from Hylsop Research Farm to better reflect the environment and rotation of the southern Willamette Valley.

5 Year Average Test Weight = 59.4 lbs/bu 5 Year Average Grain Protein = 8.8%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Lodging %	Protein %
37	CARA	Club	59.7	49.7	7.5	9.5
41	BOBTAIL	SWW	58.3	42.8	0.0	9.3
45	OR 2090473	SWW	56.7	42.8	0.0	10.5
22	WB JUNCTION	SWW	61.3	45.8	3.8	9.8
4	SKILES	SWW	61.4	43.3	0.0	10.0
20	YS 434	SWW	60.6	46.3	12.5	9.8
42	OR 2080924	SWW	57.3	41.8	0.0	9.4
39	ROSALYN	SWW	57.9	42.8	0.0	8.6
19	YS 461	SWW	59.1	44.8	0.0	10.0
24	WB EXP-436	SWW	60.5	45.3	0.0	9.6
8	BRUNEAU	SWW	60.4	47.9	6.7	8.9
44	OR 2080926	SWW	56.5	44.8	0.0	8.6
23	WB EXP-427	SWW	61.3	40.4	0.0	10.6
6	KASEBERG	SWW	58.1	44.3	0.0	9.4
43	OR 2080637	SWW	58.0	44.3	7.5	9.9
28	SY OVATION	SWW	59.3	43.3	0.0	10.1
17	WA 8153	SWW	59.7	48.2	12.5	9.9
21	WB TRIFECTA	SWW	61.0	46.3	0.0	10.0
35	AP 700 CL	SWW	59.3	46.8	0.0	10.1
18	YS 221	SWW	59.5	43.3	33.3	11.1
25	LEGION	SWW	58.5	48.7	6.3	9.8
36	WB 1070 CL	SWW	60.7	42.3	0.0	10.0
38	ARS 010669-2C	Club	62.2	45.3	65.0	9.9
40	OR 2080641	SWW	59.8	44.3	0.0	9.4
15	LWW 04-4009	SWW	60.1	41.8	43.8	10.0
10	99-06202A	SWW	59.0	47.7	5.0	9.7
9	02-10606A	SWW	59.9	47.7	21.3	9.2
14	LWW 10-1018	SWW	58.1	43.3	20.0	9.6
7	LADD	SWW	58.8	42.3	0.0	10.0
16	WA 8151	SWW	57.0	45.3	22.5	10.1
13	LCS ARTDECO	SWW	57.3	40.4	10.0	9.9
32	ORI 2101840	SWW	59.0	44.8	0.0	9.9
12	IDO 1108	SWW	58.3	50.2	18.8	9.8
33	ORI 2101841	SWW	58.6	46.8	0.0	10.8
29	ORCF-101	SWW	58.4	43.8	0.0	10.9
1	STEPHENS*	SWW	55.8	43.8	0.0	11.5
11	03-29902A	SWW	58.9	46.3	7.5	9.8
30	ORCF-102	SWW	56.6	46.6	0.0	9.4
27	AP BADGER	SWW	56.2	39.9	0.0	10.3
26	SY 107	SWW	55.0	43.8	2.5	10.0
5	MARY	SWW	56.8	40.8	0.0	10.6
34	WA 8143	SWW	56.3	48.7	37.5	10.0
3	GOETZE	SWW	54.1	38.7	0.0	11.3
31	ORCF-103	SWW	52.9	43.3	48.3	9.3
2	TUBBS 06*	SWW	54.1	44.3	0.0	9.9
	Site Average		58.5	44.5	8.6	9.9
	LSD (0.05)		2.1	3.0	26.0	1.6
	CV (%)		2.5	4.7	210.9	11.2

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