



2013 OREGON SOFT WINTER ELITE YIELD TRIALS LAGRANDE



Site Quality Index[†] = 2
1 = Poor 3 = Average 5 = Excellent

Site Description: Site was managed for hard wheat production which resulted in high grain protein concentrations.
Reduced rainfall and irrigation led to below average grain yields and test weights.

5 Year Average Yield = 141.0 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
41	BOBTAIL	SWW	116.4	1	119.6	1	139.2	1
45	OR 2090473	SWW	104.0	2				
39	ROSALYN	SWW	102.4	3	111.8	5	134.2	3
28	SY OVATION	SWW	101.1	4	115.6	2	133.6	4
21	WB TRIFECTA	SWW	100.4	5				
44	OR 2080926	SWW	99.2	6				
23	WB EXP-427	SWW	97.5	7				
22	WB JUNCTION	SWW	97.3	8	114.2	4	134.2	2
40	OR 2080641	SWW	97.0	9	109.2	7	131.0	5
27	AP BADGER	SWW	96.6	10	105.8	9	126.0	10
26	SY 107	SWW	96.2	11				
16	WA 8151	SWW	95.7	12				
5	MARY	SWW	94.5	13	103.0	14	126.3	9
4	SKILES	SWW	93.7	14	100.1	20	119.1	17
42	OR 2080924	SWW	93.4	15	110.4	6		
36	WB 1070 CL	SWW	93.1	16	114.5	3		
30	ORCF-102	SWW	92.7	17	104.5	10	125.7	11
9	02-10606A	SWW	92.5	18				
8	BRUNEAU	SWW	92.3	19	101.8	16	128.2	6
13	LCS ARTDECO	SWW	91.9	20	107.4	8	127.4	8
7	LADD	SWW	90.5	21	103.2	12	123.4	12
38	ARS 010669-2C	Club	88.2	22				
12	IDO 1108	SWW	88.1	23				
10	99-06202A	SWW	87.6	24				
24	WB EXP-436	SWW	87.5	25				
3	GOETZE	SWW	87.2	26	102.1	15	119.0	18
25	LEGION	SWW	86.7	27	103.1	13	127.8	7
35	AP 700 CL	SWW	86.4	28	104.0	11	120.1	16
2	TUBBS 06*	SWW	86.3	29	101.8	17	122.3	13
1	STEPHENS*	SWW	85.8	30	100.3	19	118.8	19
29	ORCF-101	SWW	85.6	31	95.6	23	117.5	20
19	YS 461	SWW	85.3	32				
17	WA 8153	SWW	84.6	33				
18	YS 221	SWW	84.4	34	100.6	18		
11	03-29902A	SWW	84.4	35				
37	CARA	Club	83.7	36	95.7	22	121.4	14
31	ORCF-103	SWW	81.5	37	91.6	25	114.2	21
32	ORI 2101840	SWW	81.2	38				
6	KASEBERG	SWW	81.0	39	96.3	21	120.5	15
20	YS 434	SWW	80.5	40				
14	LWW 10-1018	SWW	77.6	41				
43	OR 2080637	SWW	76.6	42				
34	WA 8143	SWW	74.7	43				
33	ORI 2101841	SWW	73.8	44				
15	LWW 04-4009	SWW	69.0	45	92.8	24		
	Site Average		89.5		104.3		125.3	
	LSD (0.05)		7.8		8.6		6.3	
	CV (%)		6.2		8.1		6.1	

[†] 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 unpublshable
- 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: Site was managed for hard wheat production which resulted in high grain protein concentrations.
Reduced rainfall and irrigation led to below average grain yields and test weights.

5 Year Average Test Weight = 59.0 lbs/bu 5 Year Average Grain Protein = 12.1%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Protein %
41	BOBTAIL	SWW	56.3	33.3	14.0
45	OR 2090473	SWW	55.8	29.5	14.5
39	ROSALYN	SWW	52.7	32.3	14.6
28	SY OVATION	SWW	57.5	31.5	15.1
21	WB TRIFECTA	SWW	57.7	33.3	14.9
44	OR 2080926	SWW	54.4	31.3	15.3
23	WB EXP-427	SWW	56.4	29.8	16.0
22	WB JUNCTION	SWW	57.1	30.5	15.2
40	OR 2080641	SWW	54.0	30.8	15.4
27	AP BADGER	SWW	54.5	30.3	14.8
26	SY 107	SWW	53.6	31.3	15.4
16	WA 8151	SWW	54.3	33.3	15.6
5	MARY	SWW	54.9	31.0	17.0
4	SKILES	SWW	56.9	29.3	15.7
42	OR 2080924	SWW	52.9	30.8	15.8
36	WB 1070 CL	SWW	60.5	31.0	15.2
30	ORCF-102	SWW	56.0	34.5	16.2
9	02-10606A	SWW	56.6	32.0	15.3
8	BRUNEAU	SWW	56.5	32.5	15.1
13	LCS ARTDECO	SWW	55.9	27.3	14.1
7	LADD	SWW	54.1	29.3	15.7
38	ARS 010669-2C	Club	54.8	30.8	15.2
12	IDO 1108	SWW	54.0	33.3	15.7
10	99-06202A	SWW	54.9	32.5	15.1
24	WB EXP-436	SWW	57.6	31.3	15.7
3	GOETZE	SWW	53.5	29.3	15.9
25	LEGION	SWW	55.0	31.5	16.0
35	AP 700 CL	SWW	53.8	31.8	16.4
2	TUBBS 06*	SWW	53.6	33.0	17.1
1	STEPHENS*	SWW	55.5	29.5	16.0
29	ORCF-101	SWW	53.1	34.0	16.7
19	YS 461	SWW	52.7	32.0	16.2
17	WA 8153	SWW	55.4	34.0	16.0
18	YS 221	SWW	56.1	31.3	16.1
11	03-29902A	SWW	55.6	30.8	16.7
37	CARA	Club	52.3	29.5	16.8
31	ORCF-103	SWW	54.9	30.0	16.2
32	ORI 2101840	SWW	54.0	32.0	16.5
6	KASEBERG	SWW	53.6	32.3	15.2
20	YS 434	SWW	55.5	30.8	16.1
14	LWW 10-1018	SWW	51.4	29.8	16.0
43	OR 2080637	SWW	52.5	30.3	15.8
34	WA 8143	SWW	55.0	32.5	15.7
33	ORI 2101841	SWW	53.0	31.0	17.1
15	LWW 04-4009	SWW	55.2	30.0	16.4
	Site Average		54.9	31.3	15.7
	LSD (0.05)		2.0	2.4	0.8
	CV (%)		2.7	5.4	3.7

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