

2007 Oregon Soft Winter Elite Yield Trials - Tulelake, CA

Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Collaborative effort with UC Davis and California cooperative extension service.

Irrigated site established at UC Intermountain REC. Site was managed by Lee Jackson, Extension Agronomist, UC Davis.

Soil type was a Tule basin mucky silty clay loam

Entry	Variety	Class	2007 Yield Data [‡]		2007 Agronomic Data		
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Lodging %
6	TUBBS-06	SWW	135.8	1	55.3	44	1.0
16	XERPHA (WA 7973)	SWW	135.7	2	57.7	42	1.0
20	99x1009-23	SWW	134.7	3	56.9	45	1.0
19	SALUTE	SWW	133.2	4	57.5	44	1.0
24	IDAHO 587	SWW	130.8	5	56.8	41	1.0
14	TUBBS-06/ROD BLEND	SWW	130.7	6	56.8	43	1.0
25	ID99-435	SWW	128.3	7	55.8	46	1.3
1	STEPHENS*	SWW	128.0	8	56.4	42	1.0
18	BU6W00-523	SWW	127.8	9	58.6	39	1.0
27	AP 700CL	SWW	127.8	10	57.9	43	1.0
28	OSUPOP-27-3	SWW	124.7	11	54.2	41	1.0
5	TUBBS	SWW	123.3	12	55.8	43	1.0
22	ORCF-102	SWW	120.5	13	58.1	42	1.0
34	OR9901619	SWW	120.5	14	57.5	43	1.0
4	WEATHERFORD*	SWW	119.8	15	56.9	43	1.0
17	WESTBRED 528	SWW	119.5	16	57.7	40	1.0
13	ID9364901A	SWW	119.3	17	55.5	42	1.0
36	ORH010837	SWW	118.8	18	55.1	38	1.7
32	ARS00235	Club	118.3	19	59.2	47	3.0
15	MASAMI	SWW	117.8	20	55.8	42	1.0
10	BRUNDAGE 96	SWW	117.0	21	56.1	40	1.0
11	SIMON	SWW	116.0	22	56.9	41	1.0
39	OR2050913	SWW	115.3	23	56.0	41	1.0
12	ID92-22407A	SWW	113.2	24	58.1	44	1.0
38	OR2050910	SWW	111.7	25	55.1	40	1.0
35	OR2010239	SWW	111.3	26	55.0	41	1.0
40	OR2050914	SWW	110.5	27	55.0	40	1.0
33	ARS970278-2	Club	110.3	28	56.9	44	1.7
30	CARA	Club	107.3	29	54.3	41	1.0
9	ORH010085	SWW	104.0	30	56.6	39	1.0
3	GENE*	SWW	101.8	31	55.7	37	1.0
7	ORSS-1757	SWW	101.5	32	54.6	42	1.0
2	MADSEN*	SWW	99.8	33	56.4	39	1.0
21	ORCF-101	SWW	93.7	34	53.4	39	1.0
31	ARSC96059-1	Club	92.7	35	58.7	46	4.3
8	GOETZE (ORH010920)	SWW	92.2	36	52.7	37	1.0
23	ORI2042037	SWW	82.8	37	56.2	44	7.3
	Site Average		115.7		56.3	41	1.3
	LSD (0.05)		12.3		1.8	2	0.5
	CV (%)		6.6		1.6	2.4	23.5

[†] 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 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.

[‡] Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.