

2008 Oregon Soft Winter Elite Yield Trials - Tulelake, CA

Site Quality Index[†] = 3.5

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	2008 Yield Data [‡]		2008 Agronomic Data		
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Lodging [§]
36	OR2040728	SWW	178.2	1	60.3	37.0	1.7
35	OR2040726	SWW	174.8	2	60.8	36.0	1.0
38	OR2050299	SWW	174.8	3	61.2	39.0	1.0
29	AP700CL	SWW	174.5	4	61.0	38.0	1.0
20	SALUTE	SWW	171.5	5	60.1	37.0	3.0
15	TUBBS-06/ROD BLEND	SWW	166.0	6	60.2	38.0	2.0
9	SKILES (ORH010085)	SWW	165.8	7	61.3	35.0	1.0
22	ORF2 267-03	SWW	165.3	8	60.9	41.0	1.0
5	TUBBS	SWW	162.5	9	60.5	38.0	1.3
11	OR2050914	SWW	160.8	10	59.8	36.0	1.3
18	WESTBRED 528	SWW	160.7	11	62.3	35.0	1.0
30	OSUPOP-35-2CL	SWW	159.5	12	61.1	41.0	3.0
34	ORH010837	SWW	159.0	13	59.0	33.0	2.0
10	OR2050910	SWW	157.7	14	59.0	36.0	1.3
40	OR2051126	SWW	157.0	15	57.4	36.0	1.0
28	ID00859	SWW	156.8	16	59.5	35.0	1.0
13	BITTERROOT	SWW	156.0	17	61.5	41.0	5.0
4	WEATHERFORD*	SWW	153.8	18	60.3	38.0	2.7
14	ID9364901A	SWW	153.5	19	61.0	39.0	3.7
8	GOETZE (ORH010920)	SWW	151.3	20	59.9	32.0	1.0
23	ORCF-101	SWW	150.3	21	60.0	37.0	1.0
2	MADSEN*	SWW	148.5	22	59.9	37.0	1.0
27	ID99-435	SWW	147.0	23	60.1	40.0	3.3
24	ORCF-102	SWW	142.0	24	60.6	38.0	2.3
19	BU6W00-523	SWW	141.2	25	61.1	36.0	4.0
7	ORSS-1757	SWW	140.7	26	59.9	38.0	2.7
39	OR2050301	SWW	139.5	27	58.8	39.0	5.7
6	TUBBS-06	SWW	133.7	28	60.6	39.0	4.3
1	STEPHENS*	SWW	132.5	29	60.4	35.0	6.0
3	GENE*	SWW	130.5	30	57.6	33.0	1.7
26	IDAHO 587	SWW	130.5	31	59.2	38.0	5.7
16	MASAMI	SWW	129.7	32	58.6	39.0	3.7
33	OR9901619	SWW	115.3	33	60.2	40.0	6.3
17	XERPHA	SWW	114.2	34	60.3	38.0	7.7
21	LEGION	SWW	111.8	35	59.8	38.0	7.0
37	OR2050293	SWW	107.0	36	59.3	36.0	6.7
31	CODA	Club	103.0	37	60.4	40.0	7.0
32	CARA	Club	101.7	38	57.9	35.0	6.7
25	ORCF-103	SWW	71.0	39	60.0	36.0	7.3
	Site Average		145.0		60.0	37	3.2
	LSD (0.05)		26.2		1.2	3	2.5
	CV (%)		11.1		1.0	3.6	48.6

[†] 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 unublishable

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.

[§] Rating scale for lodging: 1 = 0 - 3%, 2 = 4 - 14%, 3 = 15 - 29%, 4 = 30 - 49%, 5 = 50 - 69%, 6 = 70 - 84%, 7 = 85 - 95%, 8 = 96 - 100%

* Indicates check variety.