

2008 Oregon Soft Winter Elite Yield Trials - Pendleton-Ruggs

Site Quality Index[†] = 4.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this location.

Entry	Variety	Class	2008 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2008 Agronomic Data			
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Harvest Moisture %	Plant Height inches	Harvest Index
34	ORH010837	SWW	122.9	1	126.9	1	122.5	1	57.4	9.1	36.2	0.68
35	OR2040726	SWW	122.7	2					60.7	9.6	37.0	0.67
39	OR2050301	SWW	122.3	3					56.1	9.9	41.5	0.60
8	GOETZE (ORH010920)	SWW	121.7	4	117.9	9	112.2	5	58.4	9.4	36.9	0.67
18	WESTBRED 528	SWW	120.7	5	123.7	2	119.8	2	61.1	9.4	39.6	0.61
36	OR2040728	SWW	120.7	6					60.3	9.5	37.4	0.63
37	OR2050293	SWW	120.1	7					58.0	9.3	38.2	0.64
19	BU6W00-523	SWW	117.7	8	120.2	3			61.0	9.5	40.6	0.62
14	ID9364901A	SWW	116.7	9	120.1	4			60.6	9.5	39.7	0.61
20	SALUTE	SWW	115.6	10	117.1	12			58.3	9.6	43.0	0.62
38	OR2050299	SWW	115.2	11					60.0	9.8	41.3	0.61
6	TUBBS-06	SWW	114.9	12	119.9	5	114.2	3	58.5	9.6	44.2	0.61
10	OR2050910	SWW	114.6	13	115.1	15			57.4	9.5	40.8	0.63
11	OR2050914	SWW	114.4	14	117.1	11			58.4	9.7	40.5	0.58
9	SKILES (ORH010085)	SWW	114.3	15	117.9	10	111.5	7	60.2	9.4	37.3	0.64
28	ID00859	SWW	113.5	16					58.8	9.7	39.2	0.58
4	WEATHERFORD*	SWW	113.1	17	114.7	16	109.0	10	60.2	9.6	43.3	0.60
22	ORF2 267-03	SWW	112.9	18					59.3	9.6	43.7	0.56
32	CARA	Club	111.8	19	110.3	21	103.8	16	57.7	9.4	38.8	0.65
27	ID99-435	SWW	111.6	20	115.2	14	112.0	6	59.4	9.6	43.3	0.61
13	BITTERROOT	SWW	111.1	21	109.9	24	107.4	11	60.8	9.8	43.6	0.51
15	TUBBS-06/ROD BLEND	SWW	110.9	22	118.0	8			58.3	9.7	44.0	0.57
24	ORCF-102	SWW	110.8	23	118.0	7	113.6	4	60.3	9.6	42.6	0.58
21	LEGION	SWW	110.7	24	118.7	6			56.6	9.6	43.9	0.51
17	XERPHA	SWW	110.6	25	112.4	17			59.1	9.7	40.6	0.62
30	OSUPOP-35-2CL	SWW	110.4	26					59.3	9.4	41.4	0.61
25	ORCF-103	SWW	110.1	27	110.6	20	104.7	14	58.8	9.8	39.0	0.60
40	OR2051126	SWW	108.9	28					55.9	9.2	37.7	0.59
16	MASAMI	SWW	108.8	29	111.1	19	101.5	18	58.7	9.5	40.2	0.59
33	OR9901619	SWW	107.9	30	115.4	13	110.5	8	59.7	9.6	41.2	0.60
7	ORSS-1757	SWW	107.7	31	108.3	26	102.9	17	59.6	9.7	40.7	0.65
31	CODA	Club	107.1	32					60.4	9.4	43.2	0.60
29	AP700CL	SWW	107.0	33	111.5	18			57.7	9.4	42.5	0.57
5	TUBBS	SWW	105.8	34	110.1	23	109.1	9	58.5	9.8	41.5	0.57
26	IDAHO 587	SWW	103.5	35	108.7	25	105.0	13	57.5	9.3	37.2	0.60
23	ORCF-101	SWW	100.3	36	110.2	22	105.5	12	58.8	9.6	39.6	0.63
1	STEPHENS*	SWW	100.0	37	105.0	28	104.5	15	56.8	9.6	38.8	0.60
3	GENE*	SWW	96.1	38	106.4	27	98.5	20	59.3	9.6	35.2	0.63
2	MADSEN*	SWW	92.4	39	101.8	29	98.5	19	60.1	9.8	37.7	0.61
	Site Average		111.7		114.2		108.3		58.9	9.5	40.3	0.61
	LSD (0.05)		7.6		6.6		6.1		1.2	0.3	1.7	0.06
	CV (%)		4.9		5.8		7.0		1.4	2.1	3	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.