

2008 Oregon Soft Winter Elite Yield Trials - Hermiston

Site Quality Index¹ = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Plant growth and yields were adversely impacted by inadvertent addition of potato sprout inhibitor/growth regulator in irrigation water.

Entry	Variety	Class	2008 Yield Data ²		2-Year Yield Data		3-Year Yield Data		2008 Agronomic Data				
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Harvest Moisture	Plant Height	Heading Date	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	%	inches	DOY	%
22	ORF2 267-03	SWW	163.7	1					62.2	9.5	38.3	141.7	9.7
39	OR2050301	SWW	159.7	2					60.3	9.6	38.7	140.7	9.7
37	OR2050293	SWW	153.7	3					61.7	9.4	37.0	140.7	8.9
15	TUBBS-06/ROD BLEND	SWW	149.8	4	149.4	2			61.4	9.8	39.3	141.0	8.7
17	XERPHA	SWW	141.8	5	151.8	1			61.6	9.8	37.7	143.3	8.2
25	ORCF-103	SWW	139.2	6	145.5	4	136.3	1	60.8	9.6	37.3	143.7	8.7
21	LEGION	SWW	138.2	7	140.2	9			60.7	9.6	40.7	140.7	8.1
4	WEATHERFORD*	SWW	136.8	8	133.5	14	128.1	5	61.6	9.7	37.7	142.0	9.6
19	BU6W00-523	SWW	136.4	9	144.5	6			62.4	9.9	36.0	139.7	9.3
1	STEPHENS*	SWW	136.4	10	136.5	11	127.3	8	61.4	9.5	35.7	138.0	9.4
36	OR2040728	SWW	136.2	11					62.0	9.2	37.7	139.0	9.5
11	OR2050914	SWW	136.1	12	131.8	18			59.5	9.8	35.7	143.0	8.9
16	MASAMI	SWW	135.4	13	143.0	8	135.2	2	61.1	9.5	38.3	144.0	8.6
32	CARA	Club	134.6	14	139.5	10	125.1	12	60.2	9.2	38.7	143.3	9.1
23	ORCF-101	SWW	134.2	15	131.3	19	123.6	13	61.6	9.7	37.7	140.3	10.0
40	OR2051126	SWW	132.0	16					60.1	9.6	36.7	138.7	8.0
34	ORH010837	SWW	130.9	17	146.5	3	135.2	3	61.2	9.3	34.3	137.3	8.4
3	GENE*	SWW	130.9	18	128.7	22	118.3	16	61.0	9.2	34.3	138.0	9.0
38	OR2050299	SWW	130.8	19					61.5	9.7	38.0	140.0	9.0
33	OR9901619	SWW	129.0	20	143.2	7	134.7	4	60.9	9.4	38.0	142.0	8.8
10	OR2050910	SWW	128.8	21	133.5	15			59.4	9.8	37.7	142.7	8.7
20	SALUTE	SWW	128.6	22	144.6	5			61.8	9.9	39.3	140.0	9.3
14	ID9364901A	SWW	127.7	23	132.8	16			62.2	9.6	36.3	140.0	8.3
13	BITTERROOT	SWW	127.6	24	128.6	23	126.9	10	61.7	9.7	38.3	139.7	8.9
8	GOETZE (ORH010920)	SWW	124.5	25	122.9	26	120.1	15	62.5	9.5	34.7	137.0	9.4
6	TUBBS 06	SWW	124.3	26	135.0	12	126.9	9	61.8	9.5	38.3	139.3	8.4
35	OR2040726	SWW	122.6	27					62.5	9.5	35.3	138.7	8.9
26	IDAHO 587	SWW	121.2	28	123.8	25	111.4	19	61.9	9.4	36.3	138.7	9.5
9	SKILES (ORH010085)	SWW	119.7	29	130.0	20	121.6	14	63.3	9.4	35.3	139.0	9.6
30	OSUPOP-35-2CL	SWW	119.0	30					61.9	9.4	37.0	138.0	9.1
31	CODA	Club	118.4	31					62.2	9.7	40.3	146.3	9.2
24	ORCF-102	SWW	118.3	32	134.2	13	127.9	7	61.6	9.7	37.0	141.0	9.0
18	WESTBRED 528	SWW	117.9	33	131.8	17	128.1	6	63.1	9.9	37.3	137.7	10.6
27	ID99-435	SWW	114.6	34	124.3	24	118.2	17	61.8	9.5	38.3	138.7	9.4
28	ID00859	SWW	113.5	35					61.9	9.8	32.0	139.7	8.9
7	ORSS-1757	SWW	109.3	36	120.3	28	115.6	18	60.6	9.8	36.0	139.7	7.9
5	TUBBS	SWW	106.8	37	129.6	21	126.1	11	61.7	9.9	34.7	141.0	8.2
29	AP700CL	SWW	105.7	38	122.8	27			62.7	9.5	38.0	138.7	9.0
2	MADSEN*	SWW	86.7	39	107.5	29	108.1	20	61.5	9.4	32.0	143.7	9.3
	Site Average		128.2		133.8		124.9		61.5	9.6	37.0	140.4	9.0
	LSD (0.05)		25.5		14.1		10.3		0.4	0.6	2.7	1.4	1.1
	CV (%)		11.9		9.1		8.8		0.4	3.6	4.5	0.6	7.1

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.

² 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.