

2009 Oregon Soft Winter Elite Yield Trials - Madras

Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

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

Entry	Variety	Class	2009 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data				
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Plant Height	Heading Date	Protein	Lodging
			bu/ac		bu/ac		bu/ac		lbs/bu	inches	DOY	%	%
37	OR2060431	SWW	160.5	1					58.4	35.7	150.7	7.9	0.0
40	OR2050853	SWW	160.4	2					60.8	39.0	151.3	7.4	1.7
30	OR2050910	SWW	154.7	3	139.0	6	149.6	2	59.2	37.0	152.0	8.5	1.7
33	OR2050301	SWW	154.4	4	143.3	2			59.9	35.7	151.3	8.1	7.3
39	OR2060926	SWW	154.3	5					59.0	37.0	150.7	8.7	0.0
31	OR2040726	SWW	153.7	6	146.0	1			62.5	34.0	151.0	8.5	0.0
36	OR2060395	SWW	153.5	7					60.1	35.3	149.7	8.0	0.0
34	OR2060324	SWW	153.4	8					59.5	34.3	153.7	8.5	0.0
38	OR2060916	SWW	148.5	9					58.8	36.0	152.7	8.0	6.7
4	TUBBS	SWW	147.1	10	139.9	3	150.7	1	61.8	37.3	151.7	8.0	0.0
17	WESTBRED 528	SWW	144.9	11	136.9	10	142.7	6	62.4	34.7	149.7	8.4	1.7
27	AP700CL	SWW	144.2	12	137.7	8	145.2	3	62.2	39.0	151.7	8.5	0.0
19	LEGION	SWW	143.9	13	131.8	14	142.4	7	61.1	37.3	151.3	7.7	15.0
32	OR2050293	SWW	141.7	14	138.6	7			62.7	33.7	150.7	8.2	0.0
5	TUBBS 06	SWW	141.5	15	139.5	4	144.9	4	61.8	38.0	151.3	8.3	13.3
35	OR2060181	SWW	140.7	16					60.0	35.0	150.0	8.1	0.0
15	MASAMI	SWW	140.0	17	129.8	15	132.4	17	61.2	40.0	154.0	8.3	5.7
14	GOETZE / SKILES BLEND	SWW	139.8	18					62.8	34.0	148.0	8.9	0.0
22	ORI2060306	SWW	137.4	19					61.5	35.7	151.0	8.5	0.0
20	AP LEGACY	SWW	137.3	20	139.2	5			62.7	38.7	152.0	8.1	0.0
1	STEPHENS*	SWW	136.4	21	129.4	16	138.6	10	61.5	33.7	150.0	8.6	2.3
23	ORCF-102	SWW	136.1	22	137.7	9	143.1	5	61.7	36.7	152.3	8.6	0.7
26	ID00859	SWW	134.8	23	131.9	13	137.6	12	61.8	32.3	151.7	8.8	0.0
29	CARA	Club	134.7	24	128.7	18	132.6	16	60.5	37.7	152.3	8.5	0.0
9	BRUNDAGE 96	SWW	134.4	25					61.5	34.3	151.3	8.5	0.0
24	ORCF-101 / ORCF-102 BLEND	SWW	133.5	26					61.8	35.3	151.0	8.8	0.0
16	XERPHA	SWW	133.2	27	120.5	24	129.7	20	61.7	38.7	152.3	8.0	0.0
2	MADSEN*	SWW	132.6	28	124.6	21	133.4	15	61.5	35.3	152.3	8.7	0.0
8	SKILES	SWW	131.6	29	133.8	12	135.9	13	63.8	34.0	152.0	8.9	0.0
13	SKILES / TUBBS 06 BLEND	SWW	131.2	30					62.5	36.0	151.7	8.6	2.3
3	GENE*	SWW	131.0	31	123.8	23	120.4	22	62.2	30.7	150.7	8.9	0.0
21	ORCF-101	SWW	130.4	32	128.0	19	130.6	18	61.8	35.7	151.3	8.6	0.0
25	ORCF-103	SWW	128.4	33	118.1	25	121.0	21	61.1	38.7	153.0	8.3	5.7
7	GOETZE	SWW	128.2	34	135.5	11	140.5	9	62.1	33.3	147.7	8.7	0.0
12	ID D-05	SWW	128.2	35					63.4	33.7	150.3	9.0	0.0
6	ORSS-1757	SWW	124.8	36	125.4	20	133.5	14	61.1	34.7	150.7	7.7	0.0
28	CODA	Club	123.9	37					62.4	41.3	152.3	9.3	68.3
10	BITTERROOT	SWW	123.8	38	117.0	26	129.8	19	61.4	38.7	152.3	8.1	20.0
18	SALUTE	SWW	123.3	39	128.9	17	138.5	11	61.7	37.0	150.0	8.6	1.7
11	BRUNEAU	SWW	112.0	40	124.0	22	140.9	8	62.8	37.7	152.3	8.5	48.3
	Site Average		139.0		131.9		137.0		61.4	36.1	151.3	8.4	5.1
	LSD (0.05)		20.6		13.4		11.1		0.9	2.3	1.6	0.5	17.3
	CV (%)		9.0		8.8		8.6		0.9	3.9	0.7	3.9	210.0

[†]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.