

2007 Oregon Soft Winter Elite Yield Trials - Pendleton-CBARC

Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Heavy weed pressure at this site reduced yields and increased plot to plot variability.

Entry	Variety	Class	2007 Yield Data [‡]		2-Year Yield Data		2007 Agronomic Data				
			Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Harvest Moisture %	Plant Height inches	Heading Date DOY	Protein %
36	ORH010837	SWW	63.3	1	62.7	1	59.0	8.4	30.0	146.3	9.5
38	OR2050910	SWW	61.7	2			57.6	8.2	31.3	151.3	10.9
6	TUBBS-06	SWW	58.1	3	60.7	3	59.4	8.4	32.7	150.0	9.5
13	ID9364901A	SWW	58.0	4			59.8	8.8	30.3	152.0	9.8
27	AP 700CL	SWW	56.3	5			60.3	8.8	31.7	150.3	9.6
22	ORCF-102	SWW	54.1	6	61.2	2	60.5	8.6	29.7	150.3	10.3
11	SIMON	SWW	53.4	7	56.6	10	59.4	8.5	30.0	150.0	10.2
4	WEATHERFORD*	SWW	53.2	8	59.7	5	59.3	8.6	30.3	151.3	10.2
25	ID99-435	SWW	53.2	9	59.8	4	58.7	8.6	31.7	150.0	9.5
10	BRUNDAGE 96	SWW	52.8	10	54.1	13	59.8	8.7	29.3	149.0	9.2
39	OR2050913	SWW	52.7	11			58.7	8.5	29.7	151.0	11.0
16	XERPHA (WA 7973)	SWW	52.4	12			59.0	8.5	30.0	151.7	9.7
15	MASAMI	SWW	52.3	13	53.5	15	59.3	8.7	29.7	151.7	9.2
30	CARA	Club	52.3	14	58.3	6	59.4	8.3	29.7	155.3	9.5
31	ARSC96059-1	Club	52.3	15			60.9	8.9	31.0	150.3	10.4
28	OSUPOP-27-3	SWW	51.0	16			59.3	8.7	29.3	148.3	9.6
17	WESTBRED 528	SWW	50.2	17	57.4	8	60.7	8.6	30.7	147.3	9.4
9	ORH010085	SWW	49.8	18	57.1	9	59.7	8.6	29.7	150.7	10.8
33	ARS970278-2	Club	49.8	19			60.2	8.6	31.0	151.3	9.5
12	ID92-22407A	SWW	48.9	20	53.5	14	61.2	8.8	31.3	150.7	10.3
7	ORSS-1757	SWW	48.8	21	54.5	12	59.9	8.8	30.0	149.0	9.7
19	SALUTE	SWW	48.5	22			58.0	8.4	29.7	151.3	10.2
1	STEPHENS*	SWW	47.6	23	53.2	16	58.4	8.4	29.7	149.7	11.3
35	OR2010239	SWW	47.0	24	58.0	7	57.0	8.2	30.0	152.7	10.5
5	TUBBS	SWW	46.8	25	49.9	18	59.0	8.6	31.7	150.3	9.8
20	99x1009-23	SWW	46.5	26			59.1	8.7	32.0	149.7	10.1
34	OR9901619	SWW	45.0	27	55.0	11	59.8	8.6	31.0	151.7	9.5
18	BU6W00-523	SWW	44.8	28			60.1	8.6	31.3	150.7	9.9
23	ORI2042037	SWW	44.6	29	50.2	17	59.7	8.7	30.7	153.3	10.1
40	OR2050914	SWW	43.5	30			58.2	8.3	30.0	151.7	11.8
24	IDAHO 587	SWW	42.1	31	45.2	21	60.3	8.6	31.3	149.0	10.4
2	MADSEN*	SWW	40.9	32	49.4	19	58.9	8.3	29.0	152.7	11.9
3	GENE*	SWW	40.9	33	44.1	23	57.7	8.5	27.0	149.7	10.8
14	TUBBS-06/ROD BLEND	SWW	40.0	34			58.7	8.3	31.3	150.7	10.4
8	BOETZE (ORH010920)	SWW	39.7	35	44.8	22	59.6	8.4	28.3	148.3	10.6
21	ORCF-101	SWW	33.3	36	46.3	20	59.6	8.4	28.3	150.0	11.1
32	ARS00235	Club	30.8	37			60.8	8.6	29.7	153.7	11.1
	Site Average		48.8		54.2		59.4	8.5	30.3	150.6	10.2
	LSD (0.05)		14.3		7.8		1.4	0.3	2.4	2.1	1.5
	CV (%)		18.0		12.5		1.5	2.5	4.8	0.8	9.1

[†] 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 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.

[‡] 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.