

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	Rank	Yield	Rank	Test Weight	Harvest Moisture	Plant Height	Heading Date	Protein
			bu/ac		bu/ac		lbs/bu	%	Inches	DOY	%
36	ORH010837	SWWW	63.3	1	62.7	1	59.0	8.4	30.0	146.3	9.5
38	OR2050910	SWWW	61.7	2			57.6	8.2	31.3	151.3	10.9
6	TUBBS-06	SWWW	58.1	3	60.7	3	59.4	8.4	32.7	150.0	9.5
13	ID9364901A	SWWW	58.0	4			59.8	8.8	30.3	152.0	9.8
27	AP 700CL	SWWW	56.3	5			60.3	8.8	31.7	150.3	9.6
22	ORCF-102	SWWW	54.1	6	61.2	2	60.5	8.6	29.7	150.3	10.3
11	SIMON	SWWW	53.4	7	56.6	10	59.4	8.5	30.0	150.0	10.2
4	WEATHERFORD*	SWWW	53.2	8	59.7	5	59.3	8.6	30.3	151.3	10.2
25	ID99-435	SWWW	53.2	9	59.8	4	58.7	8.6	31.7	150.0	9.5
10	BRUNDAGE 96	SWWW	52.8	10	54.1	13	59.8	8.7	29.3	149.0	9.2
39	OR2050913	SWWW	52.7	11			58.7	8.5	29.7	151.0	11.0
16	XERPHA (WA 7973)	SWWW	52.4	12			59.0	8.5	30.0	151.7	9.7
15	MASAMI	SWWW	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	SWWW	51.0	16			59.3	8.7	29.3	148.3	9.6
17	WESTBRED 528	SWWW	50.2	17	57.4	8	60.7	8.6	30.7	147.3	9.4
9	ORH010085	SWWW	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	SWWW	49.9	20	53.5	14	61.2	8.8	31.3	150.7	10.3
7	ORSS-1757	SWWW	48.8	21	54.5	12	59.9	8.8	30.0	149.0	9.7
19	SALUTE	SWWW	48.5	22			58.0	8.4	29.7	151.3	10.2
1	STEPHENS*	SWWW	47.6	23	53.2	16	58.4	8.4	29.7	149.7	11.3
35	OR2010239	SWWW	47.0	24	58.0	7	57.0	8.2	30.0	152.7	10.5
5	TUBBS	SWWW	46.8	25	49.9	18	59.0	8.6	31.7	150.3	9.8
20	99x1009-23	SWWW	46.5	26			59.1	8.7	32.0	149.7	10.1
34	OR9901619	SWWW	45.0	27	55.0	11	59.8	8.6	31.0	151.7	9.5
18	BU6W00-523	SWWW	44.8	28			60.1	8.6	31.3	150.7	9.9
23	OR12042037	SWWW	44.6	29	50.2	17	59.7	8.7	30.7	153.3	10.1
40	OR2050914	SWWW	43.5	30			58.2	8.3	30.0	151.7	11.8
24	IDAHO 587	SWWW	42.1	31	45.2	21	60.3	8.6	31.3	149.0	10.4
2	MADSEN*	SWWW	40.9	32	49.4	19	58.9	8.3	29.0	152.7	11.9
3	GENE*	SWWW	40.9	33	44.1	23	57.7	8.5	27.0	149.7	10.8
14	TUBBS-06/ROD BLEND	SWWW	40.0	34			58.7	8.3	31.3	150.7	10.4
8	GOETZE (ORH010920)	SWWW	39.7	35	44.8	22	59.6	8.4	28.3	148.3	10.6
21	ORCF-101	SWWW	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 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.