

## 2006 Oregon Soft Winter Elite Yield Trials - Pendleton

Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions adversely impacted the site.  
Excess moisture, frost, and heat stress combined to produce very high plot to plot variability.

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data		
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height cm	Protein %
35	ORH010837	SWW	113.6	1	56.8	85.0	11.9
13	WESTBRED 528	SWW	112.1	2	60.1	93.8	12.1
40	OR2030554	SWW	110.4	3	58.5	91.3	12.0
36	OR2020787	SWW	109.6	4	58.2	96.3	11.9
38	OR2030239	SWW	108.4	5	57.8	95.0	12.2
37	OR2030238	SWW	107.3	6	56.8	96.3	12.4
5	TUBBS	SWW	107.1	7	56.9	98.8	12.7
20	ID99-435	SWW	105.6	8	59.3	106.3	10.9
14	BZ 6W99-456	SWW	105.1	9	60.5	85.0	12.9
16	ORCF-102	SWW	104.6	10	60.0	97.5	11.7
1	STEPHENS *	SWW	103.5	11	59.2	93.8	11.7
9	SIMON	SWW	103.3	12	57.2	93.8	12.0
6	TUBBS-06	SWW	102.9	13	56.6	100.0	13.0
10	ID92-22407A	SWW	102.5	14	58.6	103.8	12.6
32	ORH010920	SWW	100.9	15	58.4	83.8	11.6
28	OR9901619	SWW	100.7	16	58.5	93.8	12.1
23	CHUKAR	Club	100.6	17	56.3	102.5	13.0
33	ORH010083	SWW	99.2	18	60.6	89.5	12.9
34	ORH010085	SWW	98.5	19	59.8	88.8	13.2
31	ORH010918	SWW	97.7	20	57.5	90.0	11.8
21	ID99-419	SWW	97.6	21	59.4	97.5	12.2
4	WEATHERFORD *	SWW	97.6	22	58.3	98.8	12.9
19	IDAHO 587	SWW	97.5	23	58.2	92.5	11.6
29	OR2010239	SWW	96.5	24	57.9	90.5	12.1
15	ORCF-101	SWW	96.0	25	57.4	92.5	13.2
39	OR2030411	SWW	96.0	26	58.3	90.0	11.8
8	BRUNDAGE96	SWW	95.6	27	56.4	88.8	12.9
30	OR2010241	SWW	93.7	28	58.5	95.0	12.5
18	ORI2042037	SWW	92.8	29	56.6	92.5	13.6
27	OR9900553	SWW	92.3	30	58.0	85.0	13.0
7	ORSS-1757	SWW	92.1	31	58.7	88.8	11.0
2	MADSEN *	SWW	92.0	32	58.4	90.0	13.4
11	ROD	SWW	91.5	33	55.9	91.3	14.0
24	ARS99123	Club	91.1	34	61.0	91.3	11.8
25	ARS97135-9	Club	90.7	35	57.2	92.5	13.6
17	ORI202183C	SWW	88.6	36	59.1	89.8	12.0
26	ARSC96059-1	Club	87.1	37	59.9	98.8	12.8
22	CODA	Club	84.6	38	60.8	100.0	12.1
3	GENE *	SWW	82.6	39	58.2	75.0	12.4
12	Masami	SWW	82.2	40	55.1	107.5	14.2
	Site Average		98.3		58.3	93.3	12.4
	LSD (0.05)		13.0		1.8	8.8	1.6
	CV (%)		9.4		1.5	6.7	6.5

<sup>†</sup> 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.

\* Indicates check variety.