

**2007 Oregon Soft Winter Elite Yield Trials - Klamath Falls (mineral soil)**

Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Heavy weed pressure contributed to high plot to plot variability at this site.

Entry	Variety	Class	2007 Yield Data <sup>†</sup>		2-Year Yield Data		3-Year Yield Data		2007 Agronomic Data		
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Harvest Moisture	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	%	%
17	WESTBRED 528	SWW	98.1	1	58.2	20	67.3	16	57.2	12.3	
28	OSUPOP-27-3	SWW	90.4	2					56.6	11.8	
32	ARS00235	Club	87.4	3					57.8	11.5	
18	BU6W00-523	SWW	82.8	4					57.3	12.3	
30	CARA	Club	82.6	5	72.3	4			56.2	11.3	
4	WEATHERFORD*	SWW	81.9	6	72.3	3	76.6	7	57.0	12.0	
23	ORI2042037	SWW	79.7	7	77.6	2			56.0	11.8	
13	ID9364901A	SWW	79.0	8					58.5	12.2	
16	XERPHA (WA 7973)	SWW	78.9	9					56.1	11.5	
27	AP 700CL	SWW	78.0	10					55.7	12.2	
34	OR9901619	SWW	77.8	11	78.9	1	83.5	1	57.8	11.9	
25	ID99-435	SWW	75.9	12	63.2	14			56.7	12.2	
2	MADSEN*	SWW	75.2	13	70.6	6	75.5	11	55.9	11.6	
40	OR2050914	SWW	74.9	14					54.8	11.4	
6	TUBBS-06	SWW	74.4	15	70.9	5			54.1	11.2	
20	99x1009-23	SWW	73.5	16					53.6	12.0	
38	OR2050910	SWW	73.3	17					54.5	11.5	
24	IDAHO 587	SWW	72.8	18	57.8	21	70.7	14	57.1	11.8	
19	SALUTE	SWW	68.1	19					54.7	11.9	
21	ORCF-101	SWW	65.6	20	63.5	11	72.3	12	55.1	11.5	
15	MASAMI	SWW	64.5	21	67.4	8	76.8	5	53.5	11.6	
5	TUBBS	SWW	64.1	22	62.9	15	77.4	4	53.2	11.8	
10	BRUNDAGE 96	SWW	63.3	23	62.9	16	76.8	6	56.1	11.5	
1	STEPHENS*	SWW	62.6	24	57.1	23	62.9	18	56.0	12.3	
31	ARSC96059-1	Club	62.5	25	69.2	7			58.0	11.6	
12	ID92-22407A	SWW	61.8	26	67.1	9	83.1	2	54.4	12.4	
39	OR2050913	SWW	61.4	27					54.0	12.0	
22	ORCF-102	SWW	61.1	28	65.1	10	76.1	10	56.5	11.8	
33	ARS970278-2	Club	58.7	29					57.3	12.0	
35	OR2010239	SWW	58.4	30	62.8	17	76.2	9	54.6	11.8	
36	ORH010837	SWW	58.3	31	57.5	22			55.3	12.0	
11	SIMON	SWW	55.9	32	60.1	19	71.1	13	58.0	12.4	
14	TUBBS-06/ROD BLEND	SWW	55.3	33					52.9	11.2	
8	GOETZE (ORH010920)	SWW	52.4	34	61.5	18	76.4	8	55.1	12.0	
9	ORH010085	SWW	49.8	35	63.4	12	78.0	3	55.4	12.0	
3	GENE*	SWW	49.3	36	48.4	24	69.1	15	54.2	11.5	
7	ORSS-1757	SWW	47.1	37	63.3	13	64.8	17	54.3	11.9	
	Site Average		68.3		64.8		74.1		55.7	11.8	
	LSD (0.05)		29.8		18.7		17.0		2.9	0.7	
	CV (%)		26.8		25.2		24.6		3.2	3.8	

<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.

<sup>†</sup> 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.