

**2010 Oregon Soft Winter Elite Yield Trials - LaGrande**

Site Quality Index<sup>†</sup> = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Overall environmental conditions had minimal impact at this site. However, stripe rust did reduce yields of susceptible varieties.

Entry	Variety	Class	2010 Yield Data <sup>‡</sup>		2-Year Yield Data		2010 Agronomic Data				
			Yield	Rank	Yield	Rank	Test Weight	Plant Height	Lodging	Protein	Stripe Rust
			bu/ac		bu/ac		lbs/bu	inches	%	%	%
32	OR2070011	SWW	149.5	1			59.9	42.0	0.0	10.9	2.5
30	OR2040726	SWW	149.0	2	152.6	2	60.0	40.0	0.0	10.8	12.5
31	OR2060395	SWW	148.5	3	148.5	7	58.1	38.7	0.0	10.2	0.0
11	BRUNEAU	SWW	145.1	4	145.9	9	59.1	41.0	13.3	10.6	2.5
13	WESTBRED 528	SWW	144.8	5	153.8	1	61.0	39.3	0.0	10.9	10.0
16	SALUTE	SWW	144.5	6	149.9	5	58.6	44.0	0.0	11.1	7.5
26	AP700CL	SWW	142.2	7	151.4	3	58.1	43.3	0.0	11.5	5.0
15	BZ6W02-616	SWW	141.3	8			61.4	40.5	8.3	11.2	7.5
1	STEPHENS*	SWW	141.2	9	143.2	12	59.2	40.0	0.0	11.4	15.0
9	BRUNDAGE 96	SWW	141.1	10	149.2	6	58.8	39.0	0.0	11.5	10.0
37	OR2071071	SWW	140.6	11			55.8	37.5	0.0	11.2	0.0
2	MADSEN*	SWW	138.6	12	143.7	11	58.9	40.0	0.0	11.4	0.0
28	CARA	Club	138.5	13	150.0	4	57.7	42.0	0.0	10.8	0.0
14	WESTBRED 523	SWW	137.5	14			60.2	39.7	0.0	11.1	0.0
34	OR2070608	SWW	137.0	15			58.5	37.3	0.0	10.5	7.5
35	OR2070870	SWW	136.8	16			59.0	36.7	0.0	11.0	5.0
21	ORCF-101R	SWW	136.4	17	141.9	13	59.9	39.0	0.0	11.6	0.0
38	OR2071628	SWW	134.7	18			55.5	39.0	0.0	11.1	5.0
36	OR2071029	SWW	134.6	19			55.4	38.0	0.0	11.4	15.0
40	OR2070453	SWW	134.5	20			58.0	39.3	0.0	10.9	2.5
17	LEGION	SWW	134.0	21	139.3	16	55.3	43.7	13.3	11.7	0.0
33	OR2070385	SWW	132.5	22			56.1	40.0	0.0	12.5	2.5
22	ORCF-102	SWW	132.3	23	145.4	10	59.1	43.0	0.0	11.1	17.5
27	CODA	Club	131.9	24	129.7	25	60.4	44.5	23.3	12.1	2.5
24	UICF-BRUNDAGE	SWW	131.5	25	146.1	8	58.0	38.3	0.0	11.4	40.0
7	SKILES	SWW	130.8	26	138.8	17	58.8	37.7	0.0	12.1	0.0
25	ID00-475-2DH	SWW	128.1	27			59.6	41.0	3.3	10.6	30.0
10	BITTERROOT	SWW	127.9	28	137.4	19	59.9	43.3	28.3	11.0	10.0
29	OR2050910	SWW	127.8	29	141.8	14	55.9	39.3	0.0	11.4	22.5
5	ORSS-1757	SWW	124.2	30	135.0	21	55.9	40.0	0.0	11.2	15.0
12	XERPHA	SWW	122.6	31	138.1	18	57.9	40.7	6.7	11.1	65.0
19	AP BADGER	SWW	121.3	32			56.3	35.7	0.0	11.1	25.0
20	ORCF-101	SWW	120.3	33	133.7	23	56.6	39.3	0.0	12.5	10.0
39	OR2071681	SWW	119.6	34			53.1	39.0	0.0	11.8	20.0
3	GENE*	SWW	118.2	35	132.3	24	55.0	36.0	0.0	12.1	30.0
6	GOETZE	SWW	117.9	36	135.2	20	56.4	37.7	0.0	11.8	50.0
18	AP LEGACY	SWW	117.5	37	141.5	15	56.7	41.0	0.0	11.2	70.0
4	TUBBS 06	SWW	113.7	38	134.2	22	55.2	43.7	0.0	11.5	60.0
23	ORCF-103	SWW	105.4	39	119.9	26	55.3	42.0	61.7	11.2	30.0
	Site Average		132.8		141.6		57.8	40.1	4.1	11.3	15.6
	LSD (0.05)		13.6		11.4		1.9	1.7	17.2	1.1	10.0
	CV (%)		6.1		6.9		2.0	2.6	259.8	5.8	31.8

<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 unpubishable

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.