

2010 Oregon Soft Winter Elite Yield Trials - Arlington

Site Quality Index[†] = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Missing plots and a large variation in grain moisture contributed to high variability at this site.

Entry	Variety	Class	2010 Yield Data [‡]		2-Year Yield Data [§]		2010 Agronomic Data		
			Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Protein %
22	ORCF-102	SWW	59.7	1	57.4	1	62.0	31.5	8.7
24	UICF-BRUNDAGE	SWW	56.0	2	56.9	2	61.1	26.9	8.4
21	ORCF-101R	SWW	54.5	3			61.7	32.2	9.1
20	ORCF-101	SWW	54.3	4	53.5	4	61.1	32.2	8.9
19	AP BADGER	SWW	51.9	5			60.2	24.9	8.6
25	ID00-475-2DH	SWW	51.5	6			63.0	29.5	8.2
38	OR2071628	SWW	50.5	7			61.3	26.6	8.9
27	CODA	Club	50.1	8	48.6	15	62.3	30.8	8.6
26	AP700CL	SWW	49.8	9	53.1	7	62.0	31.5	8.8
12	XERPHA	SWW	48.9	10	54.1	3	60.9	29.5	8.6
35	OR2070870	SWW	48.5	11			61.2	27.6	9.4
23	ORCF-103	SWW	48.3	12	52.3	8	61.0	28.2	7.8
16	SALUTE	SWW	47.7	13	53.4	6	60.0	28.2	9.3
28	CARA	Club	46.9	14	51.5	10	59.7	26.3	8.3
39	OR2071681	SWW	46.5	15			60.6	25.6	8.3
37	OR2071071	SWW	45.9	16			58.8	28.9	8.4
36	OR2071029	SWW	45.3	17			60.4	26.3	9.0
32	OR2070011	SWW	45.0	18			62.1	30.2	9.7
33	OR2070385	SWW	44.6	19			61.3	26.9	9.5
31	OR2060395	SWW	44.5	20			61.0	28.2	9.4
30	OR2040726	SWW	43.2	21	51.0	11	62.3	27.6	10.3
9	BRUNDAGE 96	SWW	43.1	22			61.1	29.5	8.9
17	LEGION	SWW	43.1	23	52.3	9	60.3	28.5	9.3
40	OR2070453	SWW	42.9	24			62.2	28.9	9.4
34	OR2070608	SWW	41.5	25			60.4	26.9	9.9
6	GOETZE	SWW	41.3	26	53.5	5	60.7	26.3	9.1
2	MADSEN*	SWW	40.8	27	43.4	21	61.4	27.6	10.0
4	TUBBS 06	SWW	40.5	28	50.0	13	60.6	28.2	10.1
14	WESTBRED 523	SWW	40.5	29	44.9	20	63.1	28.9	9.6
11	BRUNEAU	SWW	39.5	30	46.8	16	61.7	27.6	9.9
7	SKILES	SWW	38.1	31	50.0	14	61.5	25.6	10.8
15	BZ6W02-616	SWW	36.5	32			63.8	27.6	10.5
1	STEPHENS*	SWW	35.3	33	46.5	18	61.1	24.9	10.5
5	ORSS-1757	SWW	34.9	34	46.4	19	62.0	26.9	9.5
29	OR2050910	SWW	34.8	35	42.2	22	59.4	28.9	10.4
10	BITTERROOT	SWW	33.4	36	38.1	24	61.0	27.6	10.4
18	AP LEGACY	SWW	33.4	37	46.8	17	61.0	28.2	9.8
13	WESTBRED 528	SWW	32.5	38	50.7	12	63.1	27.6	11.0
3	GENE*	SWW	29.8	39	39.9	23	60.0	21.7	10.5
	Site Average		44.4		49.4		61.2	28.1	9.3
	LSD (0.05)		10.4		6.3		0.7	2.6	1.0
	CV (%)		13.4		10.8		0.6	5.3	6.2

[†] 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.

[§] Data from 2010 and 2008; Yield data not available for 2009.

* Indicates check variety.