

2009 Oregon Soft Winter Elite Yield Trials - Hermiston

Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Poor stands, heat and moisture stress, and high disease pressure combined to lower yields and increase plot to plot variability at this site.

Entry	Variety	Class	2009 Yield Data [‡]			2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data						
			Yield	Rank		Yield	Rank	Yield	Rank	Test Weight	Plant Height	Heading Date	Protein	Lodging	Stripe Rust Rating	
			bu/ac			bu/ac		bu/ac		lbs/bu	inches	DOY	%	%	%	RT
17	WESTBRED 528	SWW	118.3	1		118.1	7	127.3	3	60.8	40.3	142.0	11.6	6.7	0.0	R
7	GOETZE	SWW	118.1	2		121.3	3	121.3	14	59.5	39.0	138.3	10.6	0.0	11.7	MR
8	SKILES	SWW	118.1	3		118.9	6	126.0	6	61.1	40.0	144.0	11.5	0.0	0.0	R
36	OR2060395	SWW	116.0	4						57.3	39.7	141.7	11.8	0.0	0.0	R
14	GOETZE / SKILES BLEND	SWW	114.3	5						58.5	40.0	140.7	11.8	0.0	5.0	MR/R
24	ORCF-101 / ORCF-102 BLEND	SWW	113.9	6						58.4	43.0	145.0	11.7	0.0	0.0	R
23	ORCF-102	SWW	113.4	7		115.9	12	127.3	4	59.2	44.3	145.3	11.3	0.0	3.3	MR/R
26	ID00859	SWW	112.5	8		113.0	17	121.5	13	59.7	38.7	145.0	11.6	0.0	11.7	MR
31	OR2040726	SWW	110.0	9		116.3	11			59.7	41.7	142.7	12.1	0.0	3.3	MR/R
11	BRUNEAU	SWW	108.5	10		118.1	8	124.7	10	59.9	42.7	144.7	10.1	0.0	0.0	R
16	XERPHA	SWW	106.8	11		120.8	4	134.9	1	58.0	42.0	147.0	11.3	0.0	20.0	MR/MS
22	OR12060306	SWW	105.9	12						58.7	41.0	143.7	12.0	0.0	0.0	R
2	MADSEN*	SWW	105.7	13		96.2	26	106.9	22	58.6	41.3	146.0	11.5	0.0	0.0	R
6	ORSS-1757	SWW	105.6	14		107.4	23	115.4	20	58.9	42.7	142.0	10.8	3.3	8.3	MR
1	STEPHENS*	SWW	105.1	15		117.6	9	124.7	9	58.4	42.7	141.7	12.1	15.0	6.7	MR/R
9	BRUNDAGE 96	SWW	104.1	16						58.1	41.3	144.3	12.4	0.0	1.7	MR/R
12	ID D-05	SWW	104.0	17						60.7	40.3	142.3	10.7	6.7	56.7	S/MS
32	OR2050293	SWW	102.5	18		128.1	1			53.8	41.0	144.7	13.0	21.7	26.7	MS
34	OR2060324	SWW	101.5	19						53.1	38.0	148.3	11.9	3.3	5.0	MR/R
3	GENE*	SWW	99.3	20		115.1	15	118.9	17	57.4	37.3	139.7	12.5	21.7	15.0	MR/MS
21	ORCF-101	SWW	97.4	21		115.8	13	120.0	15	58.6	40.3	144.0	11.5	0.0	5.0	MR/R
19	LEGION	SWW	96.6	22		117.4	10	125.7	7	55.5	44.0	145.0	12.0	6.7	0.0	R
5	TUBBS 06	SWW	96.5	23		110.4	21	122.2	12	56.9	45.0	144.3	11.8	3.3	38.3	MS
20	LEGACY	SWW	96.0	24		123.1	2			56.8	44.0	146.7	12.0	0.0	11.7	MR
29	CARA	Club	96.0	25		115.3	14	125.0	8	58.0	42.3	147.7	12.3	13.3	0.0	R
4	TUBBS	SWW	95.7	26		101.2	24	118.3	18	55.4	44.3	145.0	12.5	0.0	40.0	MS
18	SALUTE	SWW	93.5	27		111.1	18	127.5	2	56.9	45.3	144.7	12.1	0.0	3.3	MR/R
10	BITTERROOT	SWW	93.5	28		110.5	20	116.9	19	59.1	45.0	145.0	11.3	0.0	0.0	R
27	AP700CL	SWW	92.6	29		99.1	25	112.7	21	55.5	44.7	143.3	13.2	0.0	1.7	MR/R
30	OR2050910	SWW	91.6	30		110.2	22	119.5	16	55.8	41.3	147.0	12.5	8.3	25.0	MS/MR
39	OR2060926	SWW	91.3	31						52.9	41.3	146.0	12.8	5.0	1.7	MR/R
37	OR2060431	SWW	90.9	32						53.0	41.3	144.0	11.4	0.0	40.0	MS/S
28	CODA	Club	90.8	33						59.7	46.7	148.3	11.2	3.3	0.0	R
38	OR2060916	SWW	89.9	34						54.8	40.3	145.3	11.1	0.0	60.0	S/MS
13	SKILES / TUBBS 06 BLEND	SWW	89.5	35						56.0	42.3	145.3	12.9	0.0	21.7	MS/MR
25	ORCF-103	SWW	89.4	36		114.3	16	126.8	5	56.9	41.0	147.0	11.4	38.3	5.0	MR/R
35	OR2060181	SWW	88.7	37						57.6	40.7	142.7	10.5	0.0	56.7	S/MS
40	OR2050853	SWW	86.9	38						54.7	42.3	145.3	12.3	13.3	40.0	MS/S
15	MASAMI	SWW	86.6	39		111.0	19	124.2	11	57.3	41.7	147.7	11.5	3.3	1.7	MR/R
33	OR2050301	SWW	79.3	40		119.5	5			54.5	41.0	144.7	12.2	13.3	10.0	MR/R
	Site Average		100.4			113.9		122.1		57.4	41.8	144.5	11.8	4.7	13.5	
	LSD (0.05)		21.0			14.2		10.3		2.7	1.8	1.0	1.7	15.8	10.5	
	CV (%)		12.9			10.7		9.0		2.9	2.6	0.4	8.7	207.7	47.3	

[†]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.

[‡] 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.