

2009 Oregon Soft Winter Elite Yield Trials - Corvallis

Site Quality Index¹ = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust significantly reduced yields of susceptible varieties at this site.

Entry	Variety	Class	2009 Yield Data ²		2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data							
			Yield	Rank	Yield	Rank	Yield	Rank	Test Weight	Plant Height	Heading Date	Protein	Stripe Rust Rating			
			bu/ac		bu/ac		bu/ac		lbs/bu	inches	DOY	%	%	RT		
3	GENE*	SWW	138.8	1			130.7	4	127.2	4	60.1	39.4	137.7	10.5	5	MR/R
40	OR2050853	SWW	136.7	2							59.8	43.3	144.3	10.1	10	MR
35	OR2060181	SWW	134.0	3							59.6	42.7	140.0	9.6	0	R
33	OR2050301	SWW	133.8	4			135.9	2			58.7	44.6	144.3	9.9	5	MR/R
34	OR2060324	SWW	131.9	5							58.4	38.7	147.0	10.1	5	MR/R
17	WESTBRED 628	SWW	131.5	6			133.2	3	129.2	3	61.8	45.9	138.7	10.9	5	MR/R
30	OR2050910	SWW	129.4	7			137.7	1	136.5	1	59.3	44.0	145.3	9.7	10	MR
7	GOETZE	SWW	128.1	8			130.1	5	129.8	2	60.3	40.7	138.0	10.8	5	MR/R
5	TUBBS 06	SWW	126.4	9			123.9	9	122.9	8	59.7	47.2	144.3	10.3	15	MS/MR
36	OR2060395	SWW	124.9	10							59.1	41.3	139.7	10.1	0	R
18	SALUTE	SWW	124.0	11			120.1	16	118.1	16	60.3	47.2	143.3	10.5	0	R
23	ORCF-102	SWW	123.7	12			123.3	11	127.1	5	60.7	45.9	144.7	10.0	0	R
14	GOETZE / SKILES BLEND	SWW	122.4	13							60.8	40.7	139.0	10.0	0	R
31	OR2040726	SWW	122.2	14			122.2	13			60.3	42.0	140.0	10.7	15	MS/MR
1	STEPHENS*	SWW	121.8	15			124.7	8	121.4	9	60.9	43.3	140.0	10.0	0	R
19	LEGION	SWW	121.1	16			126.6	6	126.9	6	59.5	47.2	144.3	9.8	0	R
11	BRUNEAU	SWW	120.3	17			125.1	7	120.0	10	61.4	46.6	144.7	9.6	0	R
27	AP700CL	SWW	120.1	18			123.6	10	124.2	7	61.0	45.3	141.7	9.9	TR	R
29	CARA	Club	119.7	19			116.9	20	119.2	13	60.4	45.9	148.0	9.9	0	R
4	TUBBS	SWW	116.8	20			122.0	14	119.5	12	58.8	45.3	144.0	9.3	20-30	MS/S
6	ORSS-1757	SWW	116.8	21			121.7	15	118.8	14	59.3	45.3	140.3	9.7	10	MR
39	OR2060926	SWW	116.7	22							58.4	42.7	146.0	9.7	0	R
12	ID D-05	SWW	116.1	23							62.3	40.0	142.7	9.5	0	R
28	CODA	Club	116.0	24							61.9	45.9	148.0	10.1	0	R
26	ID00859	SWW	113.5	25			122.2	12	120	11	60.0	40.7	145.3	9.9	0	R
21	ORCF-101	SWW	112.9	26			113.6	24	117.9	18	59.5	43.3	143.7	9.7	10	MR/MS
9	BRUNDAGE 96	SWW	111.3	27							60.2	42.7	142.0	9.8	5	MR/R
10	BITTERROOT	SWW	110.9	28			114.4	23	111.3	21	60.6	47.2	145.0	9.3	0	R
8	SKILES	SWW	110.5	29			119.0	17	118.6	15	62.1	41.4	141.0	10.6	0	R
32	OR2050293	SWW	109.9	30			116.3	21			58.4	42.0	143.0	9.8	30	MS
13	SKILES / TUBBS 06 BLEND	SWW	109.9	31							60.3	45.3	143.0	10.2	5	MR/MS
20	LEGACY	SWW	109.7	32			117.7	18			60.4	44.6	145.7	9.0	0	R
25	ORCF-103	SWW	109.1	33			115.2	22	117.1	19	59.7	44.0	147.7	10.3	10	MR
2	MADSEN*	SWW	107.3	34			110.3	25	109.3	22	59.9	44.6	145.7	9.8	0	R
37	OR2060431	SWW	106.7	35							56.6	42.0	144.0	10.7	5	MR/R
24	ORCF-101 / ORCF-102 BLEND	SWW	106.0	36							59.5	43.3	144.3	9.8	0-10	MR/MS
22	ORI2060306	SWW	103.5	37							60.0	72.0	144.3	10.7	5	MR/R
15	MASAMI	SWW	100.7	38			117.5	19	117.9	17	58.6	43.3	147.0	10.9	0	R
38	OR2060916	SWW	97.5	39							56.5	42.0	146.3	9.3	20	MS/MR
16	XERPHA	SWW	95.9	40			108.1	26	114.2	20	57.5	44.0	147.0	10.7	30	MS
	Site Average		117.7				122.1		121.2		59.8	43.6	143.5	10.0		
	LSD (0.05)		12.4				9.8		9.7		1.0	2.1	1.2	1.4		
	CV (%)		6.5				6.8		8.4		1.0	3.0	0.5	8.4		

¹The 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.

²Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

* Indicates check variety.