

2009 Oregon Soft Winter Elite Yield Trials - Moro-Kaseberg

Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress contributed to low yield and test weight at this location.

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	Protein
			bu/ac		bu/ac		bu/ac		lbs/bu	inches	%
14	GOETZE / SKILES BLEND	SWW	66.4	1					58.4	26.9	11.9
17	WESTBRED 528	SWW	65.2	2	76.4	1	76.4	1	61.2	24.9	12.0
36	OR2060395	SWW	64.7	3					59.2	26.2	11.3
35	OR2060181	SWW	64.2	4					57.5	26.2	11.5
34	OR2060324	SWW	63.2	5					55.9	24.9	11.2
23	ORCF-102	SWW	58.6	6	63.3	15	70.2	6	60.0	28.2	12.5
6	ORSS-1757	SWW	58.3	7	66.0	9	68.3	9	60.1	26.2	11.4
9	BRUNDAGE 96	SWW	58.3	8					58.4	25.6	13.4
40	OR2050853	SWW	58.1	9					56.3	24.3	12.2
29	CARA	Club	58.0	10	65.5	11	66.1	13	57.6	23.0	11.3
32	OR2050293	SWW	57.9	11	67.4	8			57.2	25.6	12.6
27	AP700CL	SWW	57.1	12	65.8	10	70.2	7	57.8	26.9	12.8
13	SKILES / TUBBS 06 BLEND	SWW	57.1	13					58.0	24.9	13.4
7	GOETZE	SWW	56.7	14	70.0	4	72.2	3	57.9	24.9	12.5
31	OR2040726	SWW	56.5	15	73.7	2			58.4	24.9	12.5
4	TUBBS	SWW	56.4	16	61.7	19	61.6	19	57.0	26.9	12.4
16	XERPHA	SWW	56.2	17	68.2	7	70.4	5	58.5	27.6	12.4
12	ID D-05	SWW	56.1	18					60.1	24.3	13.0
3	GENE*	SWW	55.8	19	69.6	5	74.5	2	59.1	23.0	11.9
18	SALUTE	SWW	54.9	20	62.0	17	64.9	16	56.7	27.6	12.2
37	OR2060431	SWW	54.7	21					55.4	24.3	12.5
26	ID00859	SWW	54.3	22	72.3	3			58.4	23.6	13.5
8	SKILES	SWW	54.0	23	63.6	14	68.8	8	58.2	23.0	13.8
5	TUBBS 06	SWW	53.6	24	60.7	24	61.2	20	57.4	28.2	12.4
15	MASAMI	SWW	53.5	25	61.2	20	67.0	11	58.3	25.6	12.7
11	BRUNEAU	SWW	53.3	26	61.1	22	62.7	18	58.2	25.6	11.8
33	OR2050301	SWW	53.1	27	69.3	6			55.8	25.6	12.3
24	ORCF-101 / ORCF-102 BLEND	SWW	53.0	28					59.1	24.9	13.5
30	OR2050910	SWW	52.8	29	64.1	13	66.0	14	56.2	24.3	13.5
39	OR2060926	SWW	52.4	30					55.2	24.3	13.4
25	ORCF-103	SWW	52.0	31	65.0	12	71.8	4	58.9	22.3	13.4
20	LEGACY	SWW	51.5	32	60.7	25			57.1	25.6	12.5
2	MADSEN*	SWW	51.1	33	62.8	16	65.3	15	59.5	23.6	14.1
19	LEGION	SWW	51.0	34	61.2	21	66.2	12	56.1	26.2	14.2
22	ORI2060306	SWW	50.7	35					58.4	24.3	13.7
10	BITTERROOT	SWW	49.9	36	56.9	26	54.9	21	59.4	25.6	12.6
21	ORCF-101	SWW	49.4	37	60.9	23	67.1	10	58.1	24.3	13.6
38	OR2060916	SWW	48.6	38					57.1	25.6	11.3
1	STEPHENS*	SWW	46.1	39	61.7	18	62.9	17	55.7	24.9	13.6
28	CODA	Club	44.2	40					59.5	24.3	12.6
	Site Average		55.2		65.1		67.1		57.9	25.2	12.6
	LSD (0.05)		8.0		9.2		7.2		1.2	2.6	1.4
	CV (%)		8.9		12.3		11.6		1.3	6.3	6.7

[†] 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 unublishable

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.