

2009 Oregon Soft Winter Elite Yield Trials - Pendleton - Ruggs

Site Quality Index¹ = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress contributed to lower yields at this location.

Entry	Variety	Class	2009 Yield Data ²		2-Year Yield Data		3-Year Yield Data		2009 Agronomic Data			
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
33	OR2050301	SWWW	124.8	1	123.6	1			58.3	36.9	155.8	9.3
16	XERPHA	SWWW	121.8	2	116.2	2	115.8	3	61.1	37.4	157.3	9.4
4	TUBBS	SWWW	115.6	3	110.7	11	111.9	11	61.0	38.4	155.3	9.4
14	GOETZE / SKILES BLEND	SWWW	114.1	4					61.5	33.0	152.5	9.5
36	OR2060395	SWWW	113.8	5					60.3	33.0	153.5	9.1
20	LEGACY	SWWW	113.1	6	113.0	7			61.5	37.9	155.5	9.3
30	OR2050910	SWWW	112.7	7	113.7	5	114.3	7	60.5	35.9	156.5	9.4
11	BRUNEAU	SWWW	112.2	8	114.5	3	117.5	2	61.9	36.4	155.3	9.1
39	OR2060926	SWWW	111.9	9					58.0	36.4	156.8	9.9
8	SKILES	SWWW	110.1	10	112.2	8	115.3	6	62.5	34.6	155.3	9.9
29	CARA	Club	109.5	11	110.6	12	110.0	14	60.4	34.0	157.8	9.0
40	OR2050853	SWWW	109.5	12					59.6	37.4	156.0	8.9
35	OR2060181	SWWW	108.8	13					61.3	34.4	153.0	8.6
19	LEGION	SWWW	108.7	14	109.7	15	115.4	5	60.7	38.9	156.0	10.0
37	OR2060431	SWWW	107.7	15					57.6	35.4	154.5	9.1
38	OR2060916	SWWW	107.6	16					60.0	36.7	156.8	8.9
27	AP700CL	SWWW	107.4	17	107.2	19	110.2	12	61.7	35.9	153.5	9.5
34	OR2060324	SWWW	107.4	18					58.6	33.0	158.8	8.7
15	MASAMI	SWWW	107.3	19	108.1	18	109.8	15	60.9	37.4	158.8	9.6
13	SKILES / TUBBS 06 BLEND	SWWW	107.2	20					61.2	37.4	155.5	10.0
5	TUBBS 06	SWWW	106.8	21	110.8	10	115.5	4	60.9	38.9	155.5	9.3
9	BRUNDAGE 96	SWWW	106.8	22					61.5	35.1	154.5	9.4
7	GOETZE	SWWW	106.3	23	114.0	4	114.0	8	60.9	32.8	150.5	8.9
17	WESTBRED 528	SWWW	106.2	24	113.5	6	117.9	1	62.5	34.9	152.8	9.9
24	ORCF-101 / ORCF-102 BLEND	SWWW	106.2	25					61.8	35.9	156.3	10.4
2	MADSEN*	SWWW	105.9	26	99.1	23	103.2	21	61.9	36.9	156.0	9.8
23	ORCF-102	SWWW	105.7	27	108.3	16	113.9	9	62.4	36.4	155.5	9.8
10	BITTERROOT	SWWW	105.5	28	108.3	17	108.4	16	62.3	38.9	155.8	9.5
18	SALUTE	SWWW	105.0	29	110.3	13	113.7	10	60.5	36.4	154.3	9.4
12	ID D-05	SWWW	102.9	30					63.4	34.4	152.8	10.0
25	ORCF-103	SWWW	100.7	31	105.4	21	107.3	17	61.5	35.9	159.0	9.3
31	OR2040726	SWWW	100.5	32	111.8	9			62.0	33.0	152.3	9.0
32	OR2050293	SWWW	100.1	33	110.1	14			60.8	33.5	153.5	8.9
22	OR12060306	SWWW	99.6	34					62.0	34.0	155.0	10.1
26	ID00859	SWWW	99.2	35	106.3	20	110.0	13	61.2	33.0	154.0	9.3
28	CODA	Club	98.6	36					62.5	35.4	158.0	9.4
3	GENE*	SWWW	98.5	37	97.3	26	103.8	20	60.3	31.8	151.5	9.3
1	STEPHENS*	SWWW	97.2	38	98.6	25	102.4	22	60.5	34.0	153.3	9.1
6	ORSS-1757	SWWW	97.1	39	102.4	22	104.6	19	61.4	37.4	153.5	8.9
21	ORCF-101	SWWW	97.1	40	98.7	24	105.8	18	61.0	33.5	156.0	10.2
	Site Average		106.9		109.0		110.9		61.0	35.6	155.1	9.4
	LSD (0.05)		11.5		6.7		5.6		0.6	1.6	2.0	0.7
	CV (%)		7.7		6.2		6.3		0.8	3.2	0.5	5.2

¹ 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 unpublshable

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.

² 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.