

2009 Oregon Soft Winter Elite Yield Trials - Lexington

Site Quality Index¹ = 2.5

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 %
19	LEGION	SWWW	35.1	1	35.0	2	40.0	1	60.5	29.0	146.5	9.2
5	TUBBS 06	SWWW	34.6	2	34.0	6	38.3	6	60.7	27.7	147.3	9.2
24	ORCF-101 / ORCF-102 BLEND	SWWW	34.5	3					61.1	28.0	147.0	8.9
22	ORI2060306	SWWW	34.0	4					61.3	29.0	146.0	8.9
23	ORCF-102	SWWW	34.0	5	34.7	3	39.3	2	61.1	27.0	147.3	9.0
15	MASAMI	SWWW	33.3	6	33.3	10	39.1	3	61.2	27.0	149.3	8.6
16	XERPHA	SWWW	33.0	7	32.4	16	37.9	7	61.3	27.7	149.0	8.3
21	ORCF-101	SWWW	32.9	8	34.6	4	36.6	13	60.8	27.3	147.7	9.5
7	GOETZE	SWWW	32.5	9	28.4	24	32.6	21	60.6	26.0	143.5	9.3
2	MADSEN*	SWWW	32.5	10	32.6	15	36.8	12	61.2	26.0	148.7	9.2
40	OR2050853	SWWW	32.5	11					59.6	26.0	149.0	9.0
34	OR2060324	SWWW	32.4	12					57.1	24.3	150.3	8.5
3	GENE*	SWWW	32.3	13	36.0	1	38.4	5	60.1	26.3	144.3	9.3
13	SKILES / TUBBS 06 BLEND	SWWW	32.0	14					61.6	27.0	147.3	9.1
26	ID00859	SWWW	32.0	15	33.7	8	36.8	11	60.5	25.7	147.7	9.2
37	OR2060431	SWWW	31.9	16					58.1	26.7	148.0	8.7
4	TUBBS	SWWW	31.6	17	32.4	17	37.0	9	60.6	28.7	146.0	8.7
20	LEGACY	SWWW	31.6	18	34.0	7			60.7	27.7	147.7	8.6
14	GOETZE / SKILES BLEND	SWWW	31.5	19					61.1	26.3	145.0	9.4
30	OR2050910	SWWW	31.5	20	32.7	14	34.9	17	59.4	28.7	147.7	8.8
31	OR2040726	SWWW	31.5	21	33.4	9			61.5	25.7	146.3	9.2
25	ORCF-103	SWWW	31.4	22	32.1	19	36.9	10	60.6	27.0	148.3	8.9
36	OR2060395	SWWW	31.3	23					61.0	26.0	146.7	8.8
27	AP700CL	SWWW	31.2	24	31.8	20	34.7	18	61.4	29.0	146.7	9.3
8	SKILES	SWWW	31.1	25	32.3	18	37.1	8	62.5	25.5	146.0	9.0
32	OR2050293	SWWW	31.1	26	33.3	11			59.9	26.7	147.0	9.5
38	OR2060916	SWWW	31.1	27					58.9	27.0	149.3	9.0
18	SALUTE	SWWW	31.0	28	34.6	5	38.8	4	60.8	27.7	147.0	9.1
6	ORSS-1757	SWWW	30.9	29	31.2	22	35.0	16	61.6	27.7	146.0	8.8
28	CODA	Club	30.7	30	33.2	12	34.2	19	61.3	25.0	150.7	8.9
35	OR2060181	SWWW	30.0	31					61.2	26.0	146.7	9.3
1	STEPHENS*	SWWW	29.8	32	27.9	26	34.2	20	61.2	28.0	144.3	9.6
10	BITTERROOT	SWWW	29.6	33	31.5	21	35.8	15	62.2	27.3	148.7	9.3
11	BRUNEAU	SWWW	29.4	34	31.0	23	35.9	14	60.9	26.3	148.3	8.3
12	ID D-05	SWWW	29.3	35					64.0	28.0	145.7	10.4
9	BRUNDAGE 96	SWWW	29.2	36					60.8	25.7	147.7	8.9
33	OR2050301	SWWW	28.9	37	33.1	13			57.4	27.0	148.3	8.7
39	OR2060926	SWWW	28.0	38					57.8	26.7	150.0	9.9
17	WESTBRED 528	SWWW	24.4	39	22.6	27	28.6	23	63.2	26.5	145.5	10.5
29	CARA	Club	23.5	40	28.3	25	30.2	22	57.7	22.3	152.0	9.4
	Site Average		31.2		32.3		36.1		60.6	26.8	147.5	9.1
	LSD (0.05)		3.9		3.5		2.9		0.7	1.8	1.5	0.8
	CV (%)		7.5		9.3		8.6		0.7	4.0	0.6	5.4

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.