

2007 Oregon Soft Winter Elite Yield Trials - Hermiston

Site Quality Index[†] = 2.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Late season moisture stress may have negatively impacted yields at this site.
Data from this site is not available for 2005 thus only 2-year yield data is reported.

Entry	Variety	Class	2007 Yield Data [‡]		2-Year Yield Data		2007 Agronomic Data				
			Yield bu/ac	Rank	Yield bu/ac	Rank	Test Weight lbs/bu	Harvest Moisture %	Plant Height inches	Heading Date DOY	Protein %
19	SALUTE	SWW	160.5	1			60.3	9.0	43.3	137.0	10.4
16	XERPHA (WA 7973)	SWW	158.5	2			62.0	9.5	41.7	138.7	9.2
34	OR9901619	SWW	157.4	3	137.6	1	62.2	9.6	42.0	137.7	9.5
36	ORH010837	SWW	157.0	4	136.7	2	60.0	9.5	38.3	133.0	9.0
18	BUGW00-523	SWW	152.7	5			62.6	9.3	38.3	136.3	9.5
5	TUBBS	SWW	152.5	6	135.7	3	60.7	9.3	40.0	135.7	9.4
23	OR12042037	SWW	151.7	7	134.8	5	61.2	9.2	40.0	139.3	10.3
15	MASAMI	SWW	150.7	8	135.1	4	61.1	9.3	39.7	139.3	9.2
22	ORCF-102	SWW	150.1	9	132.7	7	62.1	9.5	42.0	137.0	9.6
14	TUBBS-06/ROD BLEND	SWW	149.0	10			61.4	9.5	39.7	136.0	9.4
6	TUBBS-06	SWW	145.8	11	128.2	8	60.8	9.3	41.0	135.7	9.6
17	WESTBRED 528	SWW	145.6	12	133.2	6	62.7	9.7	38.7	134.0	9.3
28	OSUPOP-27-3	SWW	145.4	13			59.5	9.5	39.3	136.0	9.5
30	CARA	Club	144.4	14	120.4	16	59.9	9.2	40.7	140.3	9.1
20	99x1009-23	SWW	142.3	15			60.3	9.4	40.7	136.3	9.6
9	ORH010085	SWW	140.3	16	122.5	15	63.1	9.5	36.7	134.0	9.9
27	AP 700CL	SWW	139.9	17			61.7	9.3	36.7	136.3	9.8
35	OR2010239	SWW	139.1	18	124.8	10	60.4	9.2	38.3	136.7	8.9
38	OR2050910	SWW	138.1	19			59.5	9.3	37.7	138.7	9.6
13	ID9364901A	SWW	137.9	20			61.6	9.6	40.3	136.0	8.8
1	STEPHENS*	SWW	136.6	21	124.3	11	60.6	9.5	35.7	133.7	9.6
10	BRUNDAGE 96	SWW	135.5	22	123.3	13	60.7	9.1	38.0	136.0	9.0
25	ID99-435	SWW	133.9	23	120.0	17	60.8	9.5	41.7	131.7	9.3
33	ARS970278-2	Club	132.3	24			60.9	9.2	72.7	137.3	9.6
7	ORSS-1757	SWW	131.4	25	118.8	19	61.4	9.5	39.3	133.7	8.8
4	WEATHERFORD*	SWW	130.2	26	123.7	12	61.3	9.4	41.0	137.3	9.8
11	SIMON	SWW	130.2	27	123.2	14	61.2	9.1	41.0	136.7	9.7
39	OR2050913	SWW	130.1	28			60.6	9.5	39.0	139.0	9.7
12	ID92-22407A	SWW	129.6	29	126.6	9	61.9	9.5	42.0	136.7	9.1
32	ARS00235	Club	129.3	30			61.4	9.4	42.7	142.3	9.6
2	MADSEN*	SWW	128.4	31	118.8	18	61.8	9.4	38.3	137.3	9.7
21	ORCF-101	SWW	128.3	32	118.3	20	61.5	9.3	37.7	135.7	9.8
40	OR2050914	SWW	127.4	33			60.1	9.4	38.0	138.0	9.8
3	GENE*	SWW	126.5	34	112.0	22	60.4	9.5	33.0	132.0	9.8
24	IDAHO 587	SWW	126.3	35	106.5	23	61.3	9.4	36.7	135.0	10.1
8	GOETZE (ORH010920)	SWW	121.2	36	117.9	21	60.6	9.4	33.3	134.7	9.0
31	ARSC96059-1	Club	117.4	37			63.1	9.3	43.0	138.0	10.4
	Site Average		139.5		125.0		61.1	9.4	39.4	136.5	9.5
	LSD (0.05)		17.5		10.7		0.9	0.4	1.9	2.0	0.7
	CV (%)		7.6		7.5		0.9	2.5	2.9	0.6	4.4

[†] 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.