2007 Oregon Soft Winter Elite Yield Trials - Pendleton-Ruggs

Site Quality Index[†] = 4

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.

				2007 Yield Data[‡]		2-Year Yield Data		3-Year Yield Data		2007 Agronomic Data			
Entry	**Variety**	**Class**		**Yield**	**Rank**	**Yield**	**Rank**	**Yield**	**Rank**	**Test Weight**	**Harvest Moisture**	**Plant Height**	**Protein**
				bu/ac		**bu/ac**		**bu/ac**		**lbs/bu**	**%**	**inches**	%
36	ORH010837	SWW		130.9	1	122.2	1			59.8	9.3	34.1	9.7
20	99x1009-23	SWW		126.8	2					59.0	9.5	38.4	10.4
17	WESTBRED 528	SWW		126.6	3	119.4	2	118.6	1	61.1	9.6	35.6	10.7
22	ORCF-102	SWW		125.2	4	114.9	3	112.3	3	60.9	9.4	38.2	11.0
14	TUBBS-06/ROD BLEND	SWW		125.1	5					59.1	9.3	38.7	10.0
6	TUBBS-06	SWW		124.9	6	113.9	4			59.4	9.0	37.3	10.9
28	OSUPOP-27-3	SWW		123.6	7					59.7	9.3	34.9	10.1
13	ID9364901A	SWW		123.4	8					60.8	9.5	38.7	10.2
18	BU6W00-523	SWW		123.3	9					61.4	9.4	36.0	10.2
34	OR9901619	SWW		122.9	10	111.8	7	112.5	2	60.6	9.6	38.0	9.8
11	SIMON	SWW		122.0	11	112.6	5	111.6	4	60.1	9.1	36.5	11.2
9	ORH010085	SWW		121.6	12	110.0	9	110.9	6	60.9	9.1	33.6	10.8
39	OR2050913	SWW		120.2	13					60.2	9.4	35.6	10.0
21	ORCF-101	SWW		120.2	14	108.1	10	105.8	13	60.0	9.3	35.5	10.3
40	OR2050914	SWW		119.8	15					59.8	9.4	36.8	9.9
10	BRUNDAGE 96	SWW		119.1	16	107.3	13	107.5	10	59.2	9.1	33.0	11.4
25	ID99-435	SWW		118.7	17	112.1	6			60.0	9.4	40.1	10.2
19	SALUTE	SWW		118.7	18					58.9	9.0	34.7	11.0
35	OR2010239	SWW		118.2	19	107.4	12	111.2	5	58.9	9.2	35.0	9.6
3	GENE*	SWW		116.8	20	99.7	22	102.2	17	59.6	9.1	30.1	10.9
4	WEATHERFORD*	SWW		116.3	21	106.9	14	107.0	12	59.4	9.1	37.4	11.2
27	AP 700CL	SWW		116.1	22					60.5	9.3	36.4	10.6
33	ARS970278-2	Club		115.6	23					60.0	9.1	38.7	9.6
38	OR2050910	SWW		115.5	24					59.2	9.2	36.4	10.0
16	XERPHA (WA 7973)	SWW		114.7	25					59.1	9.2	37.6	10.8
5	TUBBS	SWW		114.4	26	110.7	8	109.4	8	59.1	9.1	36.5	10.6
8	GOETZE (ORH010920)	SWW		114.1	27	107.5	11	109.6	7	59.4	9.2	32.2	10.1
24	IDAHO 587	SWW		113.8	28	105.7	16	104.4	15	59.7	9.3	34.9	10.8
15	MASAMI	SWW		113.4	29	97.8	23	98.0	18	58.5	9.2	37.5	10.3
31	ARSC96059-1	Club		113.3	30					61.8	9.3	38.9	10.9
2	MADSEN*	SWW		111.3	31	101.6	19	103.8	16	60.1	9.3	33.4	11.1
23	ORI2042037	SWW		111.2	32	102.0	18			59.1	9.1	34.7	10.7
1	STEPHENS*	SWW		110.1	33	106.8	15	108.4	9	59.4	9.3	33.2	11.0
7	ORSS-1757	SWW		109.0	34	100.5	20	104.7	14	60.2	9.2	32.0	9.9
30	CARA	Club		108.9	35	99.8	21			58.3	9.1	34.2	9.8
12	ID92-22407A	SWW		108.6	36	105.6	17	107.3	11	59.7	9.6	36.6	11.1
32	ARS00235	Club		98.9	37					59.6	9.0	39.6	11.0
	Site Average			117.7		108.2		108.1		59.8	9.2	36.0	10.5
	LSD (0.05)			10.7		8.3		6.7		1.4	0.4	2.0	1.2
	CV (%)			6.5		7.8		7.7		1.6	3.0	3.9	8.4

[†] 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 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.

[‡] 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.