

## 2006 Oregon Spring Elite Yield Trials - Madras

Site Quality Index<sup>†</sup> = 3

1 = Poor 3 = Average 5 = Excellent

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

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data				
			Yield	Rank	Test Weight	Plant Height	Heading Date	Lodging	Protein
			bu/ac		lbs/bu	cm	DOY	%	%
29	ALPOWA*	SWS	122.6	1	62.3	102.4	176.3	0.0	12.4
32	NICK	SWS	115.2	2	62.0	89.7	171.7	0.0	12.2
26	WA007964	SWS	114.5	3	59.8	98.2	178.0	0.0	11.5
25	ALTURAS	SWS	111.6	4	60.4	94.8	176.0	0.0	11.6
19	BLANCA GRANDE	HWS	110.7	5	63.1	78.7	168.7	0.0	13.8
13	LOLO	HWS	110.4	6	61.4	95.7	174.3	0.0	14.2
21	ML107-11A, 99	HWS	110.1	7	60.0	94.0	177.0	0.0	12.8
28	ML042-37, A	SWS	108.3	8	58.9	91.4	177.3	0.0	12.9
24	PETTIT	SWS	107.6	9	62.3	77.9	169.0	0.0	11.7
14	UI LOCHSA	HWS	107.1	10	59.7	94.8	173.3	0.0	14.1
22	UI ALTA BLANCA	HWS	106.1	11	61.3	102.4	176.3	0.0	14.2
20	ML455-17-OR81-2	HWS	106.1	12	58.8	94.0	176.3	0.0	13.5
31	LOUISE	SWS	103.7	13	60.8	98.2	175.7	40.0	11.8
7	HANK	HRS	103.4	14	59.2	85.5	170.7	0.0	14.8
16	OR4201261	HWS	102.9	15	60.8	84.7	178.0	0.0	13.0
3	UI WINCHESTER	HRS	102.7	16	61.7	84.7	170.7	20.0	14.4
5	OR4201019	HRS	102.3	17	62.4	85.5	175.3	0.0	13.6
18	MACON	HWS	101.9	18	60.9	93.1	171.0	28.7	13.4
34	IDO630	WXY	101.7	19	61.2	87.2	176.0	0.0	12.4
1	JEFFERSON*	HRS	101.5	20	60.4	91.4	172.7	0.0	14.9
30	OSU CHECK	SWS	101.3	21	61.1	90.6	177.0	13.3	12.6
12	ID0377S*	HWS	101.3	22	60.4	96.5	174.3	0.0	14.3
2	JEROME	HRS	100.5	23	60.5	88.9	169.3	3.3	13.9
33	IDO629	WXY	100.0	24	60.7	96.5	176.3	0.0	11.7
17	OTIS	HWS	99.9	25	60.4	98.2	174.0	0.0	14.2
9	TARA 2002	HRS	99.7	26	60.3	92.3	169.7	0.0	14.9
11	BUCK PRONTO	HRS	97.3	27	61.4	87.2	168.3	0.0	16.1
8	WA007998	HRS	94.6	28	58.8	95.7	172.3	0.0	15.9
4	BORL95/RABE	HRS	93.3	29	60.2	89.7	174.7	0.0	14.7
6	OR4201027	HRS	92.8	30	59.0	74.5	175.3	0.0	14.1
23	WINSOME*	HWS	90.8	31	59.2	82.1	176.7	0.0	13.0
15	OR4201262	HWS	87.0	32	60.6	79.6	177.7	0.0	12.9
10	HOLLIS	HRS	86.3	33	59.5	116.8	174.0	33.3	15.9
27	ML03-409-BK4	SWS	76.9	34	54.1	96.5	182.7	0.0	13.4
	Site Average		102.1		60.4	91.5	174.3	4.0	13.6
	LSD (0.05)		12.7		1.8	6.6	2.0	19.0	0.6
	CV (%)		7.6		1.5	4.4	0.7	285.6	2.2

<sup>†</sup> 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.

\* Indicates check variety.