

2006 Oregon Spring Elite Yield Trials - Pendleton

Site Quality Index[†] = 3

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions had minimal impact at this site.
Late-season moisture stress reduced yields and test weights at the site.

Entry	Variety	Class	2006 Yield Data		2006 Agronomic Data		
			Yield bu/ac	Rank	Test Weight lbs/bu	Plant Height cm	Protein %
32	NICK	SWS	48.8	1	56.6	70.3	14.2
24	PETTIT	SWS	45.9	2	59.4	62.7	13.5
7	HANK	HRS	43.9	3	53.9	68.6	16.1
9	TARA 2002	HRS	43.7	4	56.8	81.3	14.8
18	MACON	HWS	42.4	5	54.5	74.5	16.3
14	UI LOCHSA	HWS	42.0	6	54.1	72.8	15.5
29	ALPOWA*	SWS	41.1	7	56.8	72.8	14.4
1	JEFFERSON*	HRS	40.9	8	56.0	70.3	15.6
31	LOUISE	SWS	40.6	9	54.4	81.3	14.4
10	HOLLIS	HRS	38.3	10	54.6	83.0	17.0
11	BUCK PRONTO	HRS	38.2	11	55.6	65.2	16.3
3	UI WINCHESTER	HRS	38.1	12	55.6	66.9	15.9
25	ALTURAS	SWS	37.9	13	55.6	73.7	14.4
13	LOLO	HWS	37.7	14	56.6	71.1	15.7
2	JEROME	HRS	37.5	15	54.5	67.7	15.5
19	BLANCA GRANDE	HWS	37.4	16	58.4	61.0	15.2
34	IDO630	WXY	37.3	17	55.5	78.7	15.6
17	OTIS	HWS	37.2	18	57.7	83.8	15.5
5	OR4201019	HRS	35.8	19	56.5	73.7	14.7
16	OR4201261	HWS	35.2	20	56.0	62.7	14.3
22	UI ALTA BLANCA	HWS	34.8	21	58.1	72.0	15.2
15	OR4201262	HWS	34.7	22	55.1	66.0	15.3
8	WA007998	HRS	34.2	23	53.9	69.4	15.5
12	IDO377S*	HWS	33.9	24	55.4	69.4	17.0
20	ML455-17-OR81-2	HWS	33.8	25	54.4	72.8	14.8
30	OSU CHECK	SWS	33.3	26	55.6	67.7	15.0
4	BORL95/RABE	HRS	31.5	27	55.1	66.9	14.9
26	WA007964	SWS	31.2	28	54.1	69.4	14.6
33	IDO629	WXY	31.2	29	55.5	68.6	15.0
23	WINSOME*	HWS	30.8	30	53.4	66.9	15.8
6	OR4201027	HRS	29.2	31	53.2	57.6	16.4
21	ML107-11A, 99	HWS	29.2	32	54.8	72.8	15.8
28	ML042-37, A	SWS	28.5	33	54.6	64.3	15.4
27	ML03-409-BK4	SWS	19.0	34	51.7	63.5	16.2
	Site Average		36.3		55.4	70.3	15.4
	LSD (0.05)		4.5		1.3	10.9	1.2
	CV (%)		7.5		1.4	9.6	4.6

[†] 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 unpubishable

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.