



2011 OREGON HARD WINTER ELITE YIELD TRIALS PENDLETON-CBARC (NO-TILL)



Site Quality Index[†] = 3.5
1 = Poor 3 = Average 5 = Excellent

Site Description: New site for 2011. Stripe rust reduced grain yields and test weights of susceptible varieties.

Entry	Variety	Class	2011 Yield Data [‡]		2-Year Yield Data		3-Year Yield Data	
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank
14	AZIMUT	HRW	140.8	1				
16	SINOPE	HRW	136.7	2				
25	OR2080227H	HWW	133.3	3				
3	NORWEST 553	HRW	132.1	4				
12	ML9W05-2501	HRW	131.9	5				
26	OR2080229H	HWW	127.2	6				
22	OR2070174H	HWW	123.8	7				
24	OR2080156H	HWW	118.6	8				
30	OR2090107H	HWW	115.0	9				
27	OR2080236H	HWW	114.3	10				
6	UI STAN	HRW	113.0	11				
15	ILLIAS	HRW	112.8	12				
13	ALTIGO	HRW	112.1	13				
1	STEPHENS*	SWW	109.1	14				
23	OR2080111H	HWW	108.9	15				
5	UI SILVER	HWW	108.8	16				
29	OR2090046H	HWW	108.3	17				
28	OR2090026H	HWW	104.9	18				
18	GENESI	HRW	97.8	19				
21	AP 503CL2	HRW	96.2	20				
20	WHETSTONE	HRW	95.9	21				
11	WB-TUCSON	HRW	91.4	22				
8	BAUERMEISTER	HRW	89.1	23				
19	AGRIPRO PALADIN	HRW	76.7	24				
2	TUBBS 06*	SWW	76.4	25				
7	UI LELAND	HRW	74.6	26				
4	UICF GRACE	HWW	74.0	27				
17	ESPERIA	HRW	73.4	28				
10	WB-RIMROCK	HRW	72.1	29				
9	FARNUM	HRW	61.7	30				
	Site Average		105.4					
	LSD (0.05)		12.3					
	CV (%)		7.5					

[†] 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. Grain yields in bold met or exceeded the protein targets for their class.

* Indicates check variety.



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Site Description: New site for 2011. Stripe rust reduced grain yields and test weights of susceptible varieties.

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
14	AZIMUT	HRW	61.0	33.0	156.3	10.6
16	SINOPE	HRW	59.9	37.3	161.8	10.0
25	OR2080227H	HWW	64.3	39.8	161.8	9.8
3	NORWEST 553	HRW	63.9	33.5	159.3	11.6
12	ML9W05-2501	HRW	64.4	43.0	159.3	11.2
26	OR2080229H	HWW	65.0	41.8	163.0	9.9
22	OR2070174H	HWW	63.8	40.8	162.3	10.6
24	OR2080156H	HWW	63.5	38.8	161.5	10.5
30	OR2090107H	HWW	60.8	41.0	163.0	10.1
27	OR2080236H	HWW	62.8	39.5	165.8	10.7
6	UI STAN	HRW	63.5	49.0	162.5	11.9
15	ILLIAS	HRW	60.4	43.8	166.5	10.7
13	ALTIGO	HRW	59.8	33.3	159.5	10.6
1	STEPHENS*	SWW	61.2	36.0	158.8	10.7
23	OR2080111H	HWW	62.2	37.0	156.5	10.6
5	UI SILVER	HWW	64.1	43.0	162.3	10.1
29	OR2090046H	HWW	63.5	37.5	160.0	10.1
28	OR2090026H	HWW	63.5	39.2	161.5	10.4
18	GENESI	HRW	62.4	33.0	155.5	12.0
21	AP 503CL2	HRW	64.0	35.8	156.0	11.2
20	WHETSTONE	HRW	62.5	40.0	155.8	11.0
11	WB-TUCSON	HRW	64.1	37.0	159.8	11.2
8	BAUERMEISTER	HRW	61.5	41.0	168.3	9.8
19	AGIPRO PALADIN	HRW	60.9	36.3	159.3	11.4
2	TUBBS 06*	SWW	60.8	38.5	162.5	10.5
7	UI LELAND	HRW	64.1	40.0	164.0	11.0
4	UICF GRACE	HWW	63.4	52.3	162.0	12.7
17	ESPERIA	HRW	61.2	33.0	154.5	13.0
10	WB-RIMROCK	HRW	60.2	35.0	159.3	11.2
9	FARNUM	HRW	62.7	51.0	172.5	12.3
	Site Average		62.5	39.3	161.0	10.9
	LSD (0.05)		0.8	1.5	0.9	0.8
	CV (%)		1.0	2.8	0.4	5.4

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