



2011 OREGON HARD WINTER ELITE YIELD TRIALS HERMISTON



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

Site Description: Severe stripe rust reduced grain yields and test weights of susceptible varieties.
2-Year yield data is from 2009 and 2011, yield data from 2010 is not available for this site.

5 Year Average Yield = 121.3 bu/ac

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
16	SINOPE	HRW	160.7	1	142.1	1		
15	ILLIAS	HRW	141.0	2	118.3	4		
14	AZIMUT	HRW	137.4	3				
3	NORWEST 553	HRW	136.9	4	129.4	2		
25	OR2080227H	HWW	135.4	5				
26	OR2080229H	HWW	135.2	6				
27	OR2080236H	HWW	133.4	7				
22	OR2070174H	HWW	124.8	8				
24	OR2080156H	HWW	121.4	9				
12	ML9W05-2501	HRW	118.7	10				
30	OR2090107H	HWW	117.3	11				
28	OR2090026H	HWW	116.5	12				
29	OR2090046H	HWW	115.8	13				
1	STEPHENS*	SWW	112.6	14	119.3	3		
23	OR2080111H	HWW	106.7	15				
6	UI STAN	HRW	106.0	16				
13	ALTIGO	HRW	106.0	17				
9	FARNUM	HRW	95.1	18	81.4	9		
17	ESPERIA	HRW	93.0	19				
5	UI SILVER	HWW	92.2	20				
18	GENESI	HRW	84.7	21				
8	BAUERMEISTER	HRW	81.4	22	86.4	8		
4	UICF GRACE	HWW	78.7	23				
11	WB-TUCSON	HRW	77.1	24				
7	UI LELAND	HRW	76.9	25				
21	AP 503CL2	HRW	74.8	26				
2	TUBBS 06*	SWW	69.8	27	90.6	5		
19	AGRIPRO PALADIN	HRW	65.1	28	87.2	7		
20	WHETSTONE	HRW	58.7	29	87.4	6		
10	WB-RIMROCK	HRW	51.2	30	76.5	10		
	Site Average		104.2		101.9			
	LSD (0.05)		14.8		10.3			
	CV (%)		10.1		9.4			

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

* Indicates check variety.



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**Site Description: Severe stripe rust reduced grain yields and test weights of susceptible varieties.
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5 Year Average Test Weight = 61.8 lbs/bu 5 Year Average Grain Protein = 10.7%

Entry	Variety	Class	Test Weight	Plant Height	Heading Date	Lodging	Protein	Stripe Rust
			lbs/bu	inches	DOY	%	%	%
16	SINOPE	HRW	59.0	38.8	144.0	0.0	9.0	1.0
15	ILLIAS	HRW	60.5	42.0	149.5	0.0	9.8	2.0
14	AZIMUT	HRW	61.3	34.5	138.8	0.0	9.6	1.0
3	NORWEST 553	HRW	63.1	37.8	143.3	0.0	10.9	2.0
25	OR2080227H	HWW	63.3	41.0	142.5	10.0	9.7	2.0
26	OR2080229H	HWW	63.8	44.0	146.5	13.8	10.3	1.0
27	OR2080236H	HWW	62.5	41.5	148.0	0.0	9.7	3.0
22	OR2070174H	HWW	63.1	43.3	145.3	0.0	11.1	2.0
24	OR2080156H	HWW	61.7	41.8	143.5	0.0	11.0	35.0
12	ML9W05-2501	HRW	63.6	45.5	143.3	0.0	11.8	2.0
30	OR2090107H	HWW	59.8	42.5	145.5	0.0	9.4	52.5
28	OR2090026H	HWW	62.1	40.5	142.3	0.0	11.0	28.8
29	OR2090046H	HWW	63.5	37.8	139.8	0.0	10.4	70.0
1	STEPHENS*	SWW	60.5	38.8	141.3	0.0	10.4	72.5
23	OR2080111H	HWW	58.6	38.8	139.8	0.0	11.5	7.5
6	UI STAN	HRW	61.7	48.5	146.5	22.5	11.6	4.3
13	ALTIGO	HRW	57.4	35.3	141.3	0.0	9.5	82.5
9	FARNUM	HRW	60.8	47.5	151.8	22.5	11.5	1.0
17	ESPERIA	HRW	59.8	38.5	137.3	0.0	12.7	82.3
5	UI SILVER	HWW	62.7	43.8	147.3	82.5	10.8	4.3
18	GENESI	HRW	57.3	37.0	137.5	0.0	12.3	60.0
8	BAUERMEISTER	HRW	58.0	40.0	152.0	35.0	11.0	82.5
4	UICF GRACE	HWW	61.8	50.3	142.0	25.0	12.3	47.5
11	WB-TUCSON	HRW	60.2	41.3	144.3	0.0	11.7	90.0
7	UI LELAND	HRW	61.6	40.0	148.8	35.0	10.9	77.5
21	AP 503CL2	HRW	58.6	40.0	139.3	7.5	13.3	66.3
2	TUBBS 06*	SWW	57.7	40.5	145.3	0.0	10.8	85.0
19	AGRIPRO PALADIN	HRW	59.4	37.5	142.0	0.0	11.2	90.0
20	WHETSTONE	HRW	57.3	41.8	138.5	0.0	13.3	90.0
10	WB-RIMROCK	HRW	55.1	40.3	140.5	0.0	11.9	90.0
	Site Average		60.5	41.0	143.6	8.5	11.0	41.2
	LSD (0.05)		1.7	2.6	1.7	17.8	1.1	10.9
	CV (%)		2.0	4.5	0.8	149.8	6.9	18.7

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