



2011 OREGON HARD WINTER ELITE YIELD TRIALS MORO



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

Site Description: Stripe rust reduced grain yields and test weights of susceptible varieties.
Grain protein data indicate that there was insufficient nitrogen for hard wheat production at this site.

5 Year Average Yield = 72.9 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
3	NORWEST 553	HRW	98.0	1	92.3	2	88.6	1
14	AZIMUT	HRW	97.8	2				
23	OR2080111H	HWW	96.8	3	94.6	1		
15	ILLIAS	HRW	95.6	4	90.8	3	85.2	2
13	ALTIGO	HRW	90.7	5				
30	OR2090107H	HWW	89.8	6				
16	SINOPE	HRW	89.2	7	83.8	5	76.5	4
18	GENESI	HRW	88.6	8				
24	OR2080156H	HWW	87.6	9	85.9	4		
25	OR2080227H	HWW	84.3	10	82.5	6		
29	OR2090046H	HWW	79.2	11				
28	OR2090026H	HWW	78.6	12				
1	STEPHENS*	SWW	78.0	13	79.1	9	79.0	3
22	OR2070174H	HWW	77.1	14	77.4	11		
12	ML9W05-2501	HRW	76.6	15	77.5	10		
26	OR2080229H	HWW	76.3	16	76.1	13		
27	OR2080236H	HWW	76.1	17	79.2	8		
5	UI SILVER	HWW	73.6	18				
17	ESPERIA	HRW	72.1	19	79.2	7		
9	FARNUM	HRW	71.7	20	65.5	18	62.0	10
2	TUBBS 06*	SWW	69.3	21	73.0	15	74.3	5
20	WHETSTONE	HRW	67.6	22	76.3	12	74.0	6
11	WB-TUCSON	HRW	66.4	23	74.7	14		
21	AP 503CL2	HRW	65.9	24				
8	BAUERMEISTER	HRW	65.6	25	66.4	17	66.0	9
10	WB-RIMROCK	HRW	64.4	26	71.0	16	71.6	7
6	UI STAN	HRW	61.5	27				
7	UI LELAND	HRW	61.2	28				
19	AGRIPRO PALADIN	HRW	53.9	29	62.2	19	67.7	8
4	UICF GRACE	HWW	39.1	30				
	Site Average		75.9		78.2		74.4	
	LSD (0.05)		9.0		6.1		5.6	
	CV (%)		8.2		7.3		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 unpublshable
- 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: Stripe rust reduced grain yields and test weights of susceptible varieties.
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5 Year Average Test Weight = 61.5 lbs/bu 5 Year Average Grain Protein = 9.0%

Entry	Variety	Class	Test Weight lbs/bu	Plant Height inches	Heading Date DOY	Protein %
3	NORWEST 553	HRW	62.7			9.0
14	AZIMUT	HRW	59.8			7.9
23	OR2080111H	HWW	60.8			8.3
15	ILLIAS	HRW	60.1			8.4
13	ALTIGO	HRW	58.7			7.7
30	OR2090107H	HWW	60.5			8.1
16	SINOPE	HRW	58.5			8.5
18	GENESI	HRW	62.7			9.3
24	OR2080156H	HWW	62.3			8.7
25	OR2080227H	HWW	63.5			8.1
29	OR2090046H	HWW	62.5			8.1
28	OR2090026H	HWW	62.5			8.7
1	STEPHENS*	SWW	60.8			8.6
22	OR2070174H	HWW	63.3			8.4
12	ML9W05-2501	HRW	62.5			9.2
26	OR2080229H	HWW	62.9			8.1
27	OR2080236H	HWW	62.3			8.7
5	UI SILVER	HWW	62.0			8.7
17	ESPERIA	HRW	61.3			9.2
9	FARNUM	HRW	60.7			9.2
2	TUBBS 06*	SWW	60.0			7.8
20	WHETSTONE	HRW	61.2			8.9
11	WB-TUCSON	HRW	63.3			8.5
21	AP 503CL2	HRW	63.3			9.8
8	BAUERMEISTER	HRW	60.6			7.7
10	WB-RIMROCK	HRW	61.4			8.1
6	UI STAN	HRW	60.2			8.9
7	UI LELAND	HRW	62.2			8.1
19	AGRIPRO PALADIN	HRW	62.7			9.0
4	UICF GRACE	HWW	58.3			9.6
	Site Average		61.4			8.6
	LSD (0.05)		0.8			0.5
	CV (%)		1.0			4.5

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