



2011 Oregon Hard Winter Elite Yield Trials - Disease Notes



Entry	Variety	Class	Disease			Oregon Stripe Rust Ratings			Washington Stripe Rust Ratings [‡]	
			Septoria	Soilborne Mosaic Virus [§]	Cephalosporium Stripe	Corvallis	Pendleton-Ruggs	Hermiston	Pullman	
			Corvallis 5/15/2011	Hermiston 4/25/2011	Pendleton 6/29/2011	Corvallis 5/15/2011	Pendleton-Ruggs 6/4/2011	Hermiston 6/13/2011	IT	%
			% Leaf Infection	1-10 Scale	% Whiteheads		%	%		
1	STEPHENS*	SWW	26.3	5.3	18.7	17.5	45.0	72.5	2	20
2	TUBBS 06*	SWW	9.0	5.3	13.3	12.5	83.8	85.0	6	60
3	NORWEST 553	HRW	11.3	6.0	17.3	11.3	2.0	2.0	0	0
4	UICF GRACE	HWW	22.5	5.0	18.3	22.0	77.5	47.5	3	30
5	UI SILVER	HWW	7.5	5.3	4.3	5.8	7.8	4.3	0	0
6	UI STAN	HRW	16.3	5.5	10.0	16.8	3.0	4.3	3	10
7	UI LELAND	HRW	20.0	5.5	15.0	33.8	70.0	77.5	2	20
8	BAUERMEISTER	HRW	7.8	5.8	17.5	11.5	25.0	82.5	3	20
9	FARNUM	HRW	6.8	4.8	10.7	6.5	9.0	1.0	0	0
10	WB-RIMROCK	HRW	21.5	5.5	13.3	36.5	85.0	90.0	5	40
11	WB-TUCSON	HRW	20.0	5.8	13.0	26.8	85.0	90.0	2	20
12	ML9W05-2501	HRW	16.3	4.0	15.0	21.0	2.0	2.0	0	0
13	ALTIGO	HRW	20.0	2.0	9.7	25.0	26.3	82.5	2	20
14	AZIMUT	HRW	8.0	6.0	6.7	6.8	1.0	1.0	2	5
15	ILLIAS	HRW	6.8	6.5	7.0	8.0	30.0	2.0	2	10
16	SINOPE	HRW	6.5	6.0	6.7	6.3	3.3	1.0	2	5
17	ESPERIA	HRW	12.8	0.0	21.7	24.5	87.5	82.3	2	30
18	GENESI	HRW	10.0	0.8	16.7	12.3	71.3	60.0	2	10
19	AGRIPRO PALADIN	HRW	10.5	1.5	23.5	13.0	73.8	90.0	2	10
20	WHETSTONE	HRW	11.5	1.5	10.0	10.8	26.3	90.0	2	10
21	AP 503CL2	HRW	13.8	1.3	20.0	18.3	52.5	66.3	2	10
22	OR2070174H	HWW	18.8	1.0	20.0	19.0	4.0	2.0	2	5
23	OR2080111H	HWW	3.3	5.0	11.0	4.8	35.0	7.5	2	20
24	OR2080156H	HWW	12.5	6.5	14.0	29.3	22.5	35.0	2	20
25	OR2080227H	HWW	7.5	6.5	9.3	15.5	1.0	2.0	2	5
26	OR2080229H	HWW	9.0	6.0	8.0	10.3	2.0	1.0	2	5
27	OR2080236H	HWW	3.0	5.8	3.0	1.5	10.3	3.0	2	5
28	OR2090026H	HWW	7.5	1.3	7.0	11.8	26.3	28.8	2	30
29	OR2090046H	HWW	12.5	1.3	12.3	15.8	42.5	70.0	2	30
30	OR2090107H	HWW	6.3	5.8	14.7	7.8	32.5	52.5	2	20
	Site Average		12.2		12.8	15.4	34.8	41.2		
	LSD (0.05)		14.2		15.1	20.7	10.5	10.9		
	CV (%)		83.1		71.3	95.7	21.6	18.7		

* Indicates check variety

[‡] Washington stripe rust infection type (IT) and severity (%) provided by Xianming Chen, Research Plant Pathologist, USDA-ARS/WSU

[§] Soilborne Wheat Mosaic Virus Rating. Ratings range from 0 to 10, where 0 represents plants not expressing mosaic and/or stunting, and 10 represents severe mosaic, chlorosis and/or stunting. Ratings by Tim Murraray, WSU Plant Pathologist.