



2013 Oregon Hard Winter Elite Yield Trials - Disease Notes



Entry	Variety	Class	Cephalosporium Stripe	Soilborne Wheat Mosaic Virus Rating ¹	Stripe Rust Rating		Septoria Rating	Stripe Rust Rating	Total Foliar Disease ¹	Washington Stripe Rust Ratings ²	
			Pendleton 6/25/2013	Hermiston SBMV 4/3/2013	South Willamette Valley 4/18/2013	South Willamette Valley 4/18/2013	South Willamette Valley 5/8/2013	South Willamette Valley 6/14/2013	Pullman 6/18/2013	IT	%
			% Whiteheads	1 to 10	%	%	%	%			
1	SKILES*	SWW	21.5	6.0	0.8	15.0	1.0	70.0	2	1	
2	NORWEST 553	HRW	20.0	6.7	0.0	15.0	0.0	53.8	2	1	
3	UI SRG	HRW	11.8	5.3	0.0	18.8	0.3	41.3	3	5	
4	IDO 1102	HRW	12.0	4.5	0.0	17.5	2.0	90.0	5	20	
5	IDO 1103	HRW	15.0	5.0	1.3	16.3	1.4	92.5	5	10	
6	IDO 816	HRW	15.0	4.8	1.3	16.3	0.6	61.3	5	10	
7	AZIMUT	HRW	30.5	5.8	0.0	10.0	0.0	61.3	2	1	
8	NSA 06-4663	HRW	30.0	6.5	0.0	11.3	0.3	71.3	2	1	
9	DAS 001	HRW	24.5	3.5	1.5	8.8	8.9	83.8	5	5	
10	DAS 002	HRW	34.8	5.3	5.0	6.3	10.8	93.8	5	30	
11	GENESIS	HRW	27.8	1.0	6.3	10.0	13.6	90.0	5	20	
12	WB-RIMROCK	HRW	19.3	5.3	23.8	10.0	40.0	98.0	8	60	
13	WB-ARROWHEAD	HRW	16.5	3.0	0.0	10.0	0.9	87.0	5	10	
14	KELDIN	HRW	35.0	3.5	20.0	8.8	15.8	81.3	8	60	
15	WHETSTONE	HRW	33.8	1.3	18.8	10.0	7.8	87.5	8	30	
16	AP 503 CL2	HRW	62.5	1.0	7.5	8.8	14.5	99.0	8	40	
17	IDO 1101	HWW	30.3	3.8	8.3	10.0	17.3	95.8	5	10	
18	UI SILVER	HWW	13.8	5.5	0.0	16.3	1.0	71.3	5	10	
19	OR 2080156H	HWW	24.0	7.5	7.0	12.5	8.4	77.5	5	15	
20	OR 2080227H	HWW	27.5	6.8	1.3	20.0	0.8	62.5	2	1	
21	OR 2080229H	HWW	20.8	7.5	0.0	18.8	0.8	52.5	2	1	
22	OR 2080236H	HWW	17.8	4.5	0.0	17.5	0.0	61.3	3	10	
23	OR 2090107H	HWW	20.0	6.3	5.8	15.0	11.8	71.3	5	10	
24	OR 2100061H	HWW	29.0	6.3	2.8	11.3	2.1	65.0	5	10	
25	OR 2100081H	HWW	37.5	3.0	8.3	16.3	3.3	81.3	5	15	
Site Average			25.2		4.8	13.2	6.5	76.0			
LSD (0.05)			10.6	1.4	4.8	4.3	2.6	13.7			
CV (%)			29.8		71.0	22.9	28.6	12.8			

* Indicates check variety
¹Ratings by Tim Murray and Henry Wetzel; WSU. Visual ratings of plot damage range from 1 to 10, where 1 represents no visible damage and 10 represents significant damage with severe discoloration and stunting of infected plants.
²Washington stripe rust infection type (IT) and severity (%) provided by Xianming Chen, Research Plant Pathologist, USDA-ARS/WSU
[†]Total Foliar Disease rating is the percentage of the total leaf canopy infected by stripe rust and/or septoria.