



2015 Oregon Hard Winter Elite Yield Trials - Disease and Winter Hardiness Notes



Entry	Variety	Class	Stripe Rust	Total Foliar Disease	Barley Yellow Dwarf Virus	Winter Hardiness Rating [†]
			South Willamette Valley	South Willamette Valley	South Willamette Valley	Hermiston
			5/20/2015	5/20/2015	3/7/2015	2/2/2015
			% Flag Leaf Severity	% Severity	% Severity	1 to 10
1	BOBTAIL*	SWW	0.0	41.8	12.0	3
2	NORWEST 553*	HRW	1.0	43.8	2.0	9.8
3	LCS AZIMUT	HRW	7.3	36.8	2.0	9.0
4	LCS COLONIA	HRW	2.0	32.0	2.0	9.5
5	LCS EVINA	HRW	0.0	42.5	4.3	8.5
6	LCS JET (NSA 10-7208)	HRW	17.5	39.5	1.0	8.0
7	NSA 10-2196	HRW	0.0	46.3	2.0	10.0
8	HE 9817/1.2	HRW	0.0	53.0	2.0	9.0
9	LCS AYMERIC	HRW	8.0	36.8	2.0	9.5
10	DAS 001	HRW	5.0	58.8	1.0	4.8
11	WB ARROWHEAD	HRW	1.0	67.5	11.3	1.5
12	KELDIN	HRW	35.0	63.3	4.0	1.0
13	WHETSTONE	HRW	18.8	52.5	3.0	1.0
14	07PN013#38	HRW	0.0	40.3	10.3	10.0
15	CLEARSTONE CL2	HRW	18.8	62.3	2.0	1.0
16	OR 2120012R	HRW	5.5	52.5	2.0	2.8
17	UI SILVER	HWW	16.3	65.5	4.3	1.0
18	IDO 1101	HWW	38.3	80.0	3.7	1.0
19	OR 2120040R	HRW	0.3	46.3	1.0	10.0
20	OR 2100081H	HWW	7.3	64.3	1.0	9.0
21	OR 2110664	HWW	3.8	45.0	1.0	1.3
22	OR 2110679	HWW	4.0	42.5	7.8	3.0
23	OR 2110697	HWW	0.7	47.5	8.8	10.0
24	OR 2111025	HWW	1.3	38.3	3.0	4.8
25	OR 2120276H	HWW	6.5	53.8	1.0	2.3
	Site Average		7.9	49.6	3.8	5.6
	LSD (0.05)		8.0	7.0	7.4	1.0
	CV (%)		69.2	9.8	136.2	12.9

* Indicates check variety

[†] 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.



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Entry	Variety	Class	Cephalosporium Stripe		Soilborne Wheat Mosaic Virus ¹		Fusarium Crown Rot (natural)		Strawbreaker Foot Rot <i>Pseudocercospora</i> / Sharp Eyespot	
			Pendleton 6/17/2015 % Whiteheads		Hermiston SBMV 3/12/2015 1 to 10		Moro 6/16/2015 % Whiteheads		Corvallis 6/24/2015 % Lodging	
1	BOBTAIL*	SWW	24.0		Not Tested		8.8		11.7	
2	NORWEST 553*	HRW	15.0		Not Tested		28.8		50.0	
3	LCS AZIMUT	HRW	32.5		Not Tested		13.8		9.0	
4	LCS COLONIA	HRW	16.8		Not Tested		40.0		0.0	
5	LCS EVINA	HRW	14.3		Not Tested		10.0		6.3	
6	LCS JET (NSA 10-7208)	HRW	35.0		Not Tested		21.3		8.8	
7	NSA 10-2196	HRW	Not Tested		8.0		16.3		Not Tested	
8	HE 9817/1.2	HRW	Not Tested		8.0		7.5		Not Tested	
9	LCS AYMERIC	HRW	Not Tested		1.3		6.3		Not Tested	
10	DAS 001	HRW	32.5		Not Tested		7.5		90.0	
11	WB ARROWHEAD	HRW	27.5		Not Tested		2.5		36.3	
12	KELDIN	HRW	38.8		Not Tested		5.0		43.8	
13	WHETSTONE	HRW	30.0		Not Tested		8.8		43.8	
14	07PN013#38	HRW	33.8		5.0		6.3		35.0	
15	CLEARSTONE CL2	HRW	Not Tested		7.5		5.0		Not Tested	
16	OR 2120012R	HRW	Not Tested		Not Tested		20.0		Not Tested	
17	UI SILVER	HWW	13.5		Not Tested		15.0		12.5	
18	IDO 1101	HWW	33.3		Not Tested		7.5		76.7	
19	OR 2120040R	HRW	Not Tested		Not Tested		13.8		Not Tested	
20	OR 2100081H	HWW	31.7		Not Tested		13.8		50.0	
21	OR 2110664	HWW	Not Tested		7.0		13.8		Not Tested	
22	OR 2110679	HWW	Not Tested		8.0		3.8		Not Tested	
23	OR 2110697	HWW	Not Tested		8.0		7.5		Not Tested	
24	OR 2111025	HWW	Not Tested		7.5		8.8		Not Tested	
25	OR 2120276H	HWW	Not Tested		7.8		11.3		Not Tested	
	Site Average		26.8		6.6		12.1		33.1	
	LSD (0.05)		8.5		1.3		9.1		31.8	
	CV (%)		21.5		10.1		56.3		64.0	

* Indicates check variety

¹ 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.