



## 2016 Oregon Hard Winter Elite Yield Trials - Disease Notes



Entry	Variety	Class	Stripe Rust		Septoria		Septoria		Barley Yellow Dwarf Virus	
			Hermiston (Irrigated)	Pendleton-Ruggs	Corvallis	South Willamette Valley	Corvallis	Corvallis		
			5/26/2016	5/23/2016	6/24/2016	5/17/2016	5/13/2016			
			% Severity	% Severity	% Severity	% Severity	% Severity	% Severity	% Severity	% Flag Leaf Severity
1	BOBTAIL*	SWW	0.0	0.5	35.8	31.3	2.0			
2	NORWEST 553*	HRW	0.0	2.0	40.5	40.0	7.3			
3	LCS AZIMUT	HRW	0.0	2.8	37.0	31.3	13.3			
4	LCS COLONIA	HRW	0.0	0.5	18.8	26.3	6.7			
5	LCS EVINA	HRW	0.0	0.0	32.8	32.5	11.7			
6	LCS JET	HRW	10.5	27.5	35.0	27.5	15.0			
7	NSA 10-2196	HRW	0.5	9.3	33.8	27.5	23.3			
8	LCS AYMERIC	HRW	0.0	10.0	38.0	33.8	4.0			
9	NSA 11-8010	HRW	0.0	4.8	Not Tested	37.5	Not Tested			
10	HE 181/3	HRW	0.0	48.8	Not Tested	40.0	Not Tested			
11	WB ARROWHEAD	HRW	12.5	20.0	76.3	56.3	33.3			
12	KELDIN	HRW	72.5	65.0	27.5	21.3	25.0			
13	WB 4623 CLP	HRW	7.5	36.3	Not Tested	45.0	Not Tested			
14	WHETSTONE	HRW	41.3	21.3	28.8	22.5	4.0			
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	1.8	1.5	Not Tested	41.3	Not Tested			
16	CLEARSTONE CL2	HRW	67.5	41.3	50.0	33.8	23.3			
17	WA 8248	HRW	12.5	1.8	Not Tested	27.5	Not Tested			
18	WA 8249	HRW	0.0	1.0	Not Tested	28.8	Not Tested			
19	BRAWL CL+	HRW	78.8	97.5	Not Tested	30.0	Not Tested			
20	DENALI	HRW	90.0	95.0	Not Tested	33.3	Not Tested			
21	AVERY	HRW	95.0	97.5	Not Tested	31.7	Not Tested			
22	OR 2120012R	HRW	16.3	24.3	41.3	41.3	1.3			
23	ANTERO	HWW	52.5	68.8	Not Tested	25.0	Not Tested			
24	UI SILVER	HWW	46.3	37.5	43.8	37.5	12.3			
25	IDO 1101	HWW	63.8	67.5	67.5	78.8	36.7			
26	OR 2110664	HWW	8.8	6.8	45.0	31.3	1.3			
27	OR 2110679	HWW	5.0	10.0	36.3	27.5	4.7			
28	OR 2111025	HWW	1.8	8.0	36.3	30.0	1.7			
29	OR 2120276H	HWW	11.3	9.3	43.0	35.0	4.3			
30	OR 2120311H	HWW	20.0	13.8	Not Tested	27.5	Not Tested			
	Site Average		23.9	27.7	40.4	34.4	12.2			
	LSD (0.05)		17.2	9.3	7.1	7.8	13.4			
	CV (%)		51.2	24.0	12.5	15.9	66.4			

\* Indicates check variety

## 2016 Oregon Hard Winter Elite Yield Trials - Disease Notes

Entry	Variety	Class	Cephalosporium Stripe	Fusarium Crown Rot (Innoculated)	Fusarium Crown Rot (Natural)	Strawbreaker Foot Rot <i>Pseudocercospora</i>
			Pendleton 6/13/2016 % Whiteheads	Moro 6/22/2016 % Whiteheads	Moro-Kaseberg 6/16/2016 % Whiteheads	Corvallis 6/24/2016 % Lodging
1	BOBTAIL*	SWW	6.0	10.5	2.8	93.3
2	NORWEST 553*	HRW	20.3	10.8	2.5	99.0
3	LCS AZIMUT	HRW	14.5	13.3	6.3	82.5
4	LCS COLONIA	HRW	6.5	10.5	3.5	58.3
5	LCS EVINA	HRW	12.0	11.8	2.0	59.5
6	LCS JET	HRW	16.3	24.5	4.5	91.3
7	NSA 10-2196	HRW	33.8	22.5	7.8	99.8
8	LCS AYMERIC	HRW	18.5	13.8	2.5	88.0
9	NSA 11-8010	HRW	Not Tested	Not Tested	2.3	Not Tested
10	HE 181/3	HRW	Not Tested	Not Tested	4.0	Not Tested
11	WB ARROWHEAD	HRW	28.3	16.0	4.3	78.5
12	KELDIN	HRW	19.5	19.3	2.8	98.3
13	WB 4623 CLP	HRW	Not Tested	Not Tested	8.0	Not Tested
14	WHETSTONE	HRW	18.3	11.3	5.0	97.5
15	SY TOUCHSTONE (04 PN 028B-3)	HRW	Not Tested	Not Tested	2.5	Not Tested
16	CLEARSTONE CL2	HRW	22.0	16.3	8.8	100.0
17	WA 8248	HRW	Not Tested	Not Tested	2.8	Not Tested
18	WA 8249	HRW	Not Tested	Not Tested	8.0	Not Tested
19	BRAWL CL+	HRW	Not Tested	Not Tested	5.5	Not Tested
20	DENALI	HRW	Not Tested	Not Tested	6.8	Not Tested
21	AVERY	HRW	Not Tested	Not Tested	8.3	Not Tested
22	OR 2120012R	HRW	18.5	14.3	5.8	98.5
23	ANTERO	HWW	Not Tested	Not Tested	2.3	Not Tested
24	UI SILVER	HWW	12.0	16.3	20.0	99.5
25	IDO 1101	HWW	24.8	17.5	8.0	91.8
26	OR 2110664	HWW	19.5	15.5	5.8	87.0
27	OR 2110679	HWW	20.0	15.0	3.3	99.3
28	OR 2111025	HWW	15.0	12.8	4.5	92.3
29	OR 2120276H	HWW	17.5	18.8	5.0	99.7
30	OR 2120311H	HWW	Not Tested	Not Tested	2.8	Not Tested
	Site Average		18.1	15.3	5.3	90.0
	LSD (0.05)		7.2	6.0	4.0	NS
	CV (%)		28.3	27.7	53.6	22.6

\* Indicates check variety