

2004 Oregon Winter Elite Yield Trial (OWEYT) - Preliminary Report 8-23-04

Entry	Variety *	Market class / Novel traits	Origin / Developer	Stripe rust			Leaf rust	Strawbreaker footrot (<i>Pseudocercospora</i>)		Cephalosporium stripe
				Corvallis 5/6/04 Crossing block %, Rxn	Corvallis 6/1/04 Yield trial %, Rxn	Pendleton 6/27/04 %, Rxn	Corvallis 5/6/04 %, Rxn	Pch1 gene (VPM) marker Presence/Absence	Innoculated nursery *** % lodging	Innoculated nursery *** % white heads
1	STEPHENS	SWW	OSU	5 MR-R	R	R	5MR-R	-	100	23.3
2	MADSEN	SWW	ARS-WSU	R	R	R	10MS	+	48	3
3	GENE *	SWW	OSU	10MR-30MS	20MS	R	10MS	-	58	2
4	WEATHERFORD	SWW	OSU	R	R	R	5MR	+	28	6
5	TUBBS	SWW	OSU	10MR	5 MR-MS	10MR (few pl=S)	20MS-S	+	8	25.7
6	FINCH	SWW	ARS-WSU	5MR	R	R	R	+	75	1.7
7	ROD	SWW	WSU	R	R	5MR-MS	10MS	-	100	2.7
8	BRUNDAGE96	SWW	U of I	5MR	R	5MR	20MS	-	100	7
9	SIMON	SWW	U of I	R	R	R-TR	10MS	+	9	4.7
10	DUNE	SWW	U of I	10MR	10MS	5MR-R	40S	-	89	6.3
11	ID92-22407A	SWW	U of I	R	R	R	60S	-	99	9.3
12	MOHLER	SWW	Westbred	R	R	R	10MS	+	60	16.7
13	WESTBRD528	SWW	Westbred	R	R	R	10MS	+	92	28.3
14	CODA	Club	ARS-WSU	R	R	R	10MR	-	54	1.3
15	CHUKAR	Club	ARS-WSU	R	R	R	80S	+	50	0
16	MEL	Club-Clearfield	Gen. Mills	R	R	R	10MS	-	50	1
17	CLEARFIRST	SWW-Clearfield	Gen. Mills	R	R	R	10MR	+	23	2.7
18	IDO587CL	SWW-Clearfield	U of I	R	R	R	5MR-R	-	98	27.3
19	ORCF-101	SWW-Clearfield	OSU	10MR-MS	R	5MR	10MS	-	88	17.3
20	ORI2010007	SWW-Clearfield	OSU	R	TR	R-5MR	5MR	+	49	11.7
22	OR 941611	SWW	OSU	R	R	R	5MR	+	90	20.7
25	OR9801757	SWW	OSU	R	R	R	5MR	-	95	3.3
26	OR9900553	SWW	OSU	R	R	R	5R-MR	-	96	9
37	ORH010918	SWW	OSU	R	R	R	5MR	-	99	13.3
38	ORH010920	SWW	OSU	R	R	R	5MR	-	87	9.3

* Correct disease rating for Gene from Corvallis is included. The SWW variety Foote had rating of 80S for Stripe rust at Corvallis on 6/1/04

** Presence of the *Pch1* gene was determined via molecular markers by Oscar Riera-Lizarazu

*** Cephalosporium stripe and *Pseudocercospora* data provided by Chris Mundt