

TABLE 14. 2004 BARLEY DISEASE AND LODGING SUMMARY

Entry	Name	Stripe Rust			BYDV			Lodging (Harvest)			
		Mean (2 Loc)	UC Davis	Madera	Mean (3 Loc)	Kings	UC Davis	Madera	Mean (2 Loc)	Madera	Kings
<u>CULTIVARS</u>											
603	UC 603	1.5 (15)	2.0 (15)	1.0 (1)	1.2 (18)	1.5 (20)	1.0 (1)	1.0 (1)	4.0 (6)	3.5 (7)	4.5 (2)
816	MAX	6.0 (28)	8.0 (25)	4.0 (28)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	3.4 (2)	1.8 (3)	5.0 (8)
885	PATTI	1.3 (9)	1.5 (9)	1.0 (1)	1.3 (22)	1.0 (1)	1.3 (21)	1.8 (26)	4.8 (8)	2.8 (5)	6.8 (23)
933	UC 933	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	6.1 (19)	6.3 (21)	6.0 (14)
937	UC 937	1.0 (1)	1.0 (1)	1.0 (1)	1.4 (24)	2.3 (27)	1.0 (1)	1.0 (1)	7.4 (28)	8.0 (28)	6.8 (23)
951	MELTAN	2.4 (21)	3.8 (21)	1.0 (1)	3.6 (28)	4.0 (28)	2.8 (28)	4.0 (28)	7.0 (27)	6.5 (22)	7.5 (27)
969	UC 969	2.6 (23)	4.3 (23)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	4.9 (10)	4.8 (10)	5.0 (8)
1085	COMMANDER	5.0 (26)	8.0 (25)	2.0 (26)	1.1 (9)	1.0 (1)	1.0 (1)	1.3 (24)	3.9 (5)	1.3 (1)	6.5 (19)
1137	TRADITION	5.0 (26)	8.0 (25)	2.0 (26)	1.8 (27)	1.5 (20)	2.8 (28)	1.0 (1)	6.5 (23)	6.0 (19)	7.0 (26)
<u>ADVANCED LINES</u>											
1047	UCD PYT99 A-13	1.6 (18)	2.3 (18)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	5.5 (14)	5.3 (15)	5.8 (12)
1090	UCD PYT01 C6	1.4 (13)	1.8 (13)	1.0 (1)	1.7 (26)	1.8 (25)	1.5 (25)	1.8 (26)	6.6 (26)	6.8 (24)	6.5 (19)
1095	23 IBYT 7	1.6 (18)	2.3 (18)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	6.0 (18)	5.5 (17)	6.5 (19)
1108	UCD C108	1.0 (1)	1.0 (1)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	5.3 (13)	4.8 (10)	5.8 (12)
1109	UCD C109	1.3 (9)	1.5 (9)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	4.5 (7)	3.0 (6)	6.0 (14)
1111	UCD C122	1.0 (1)	1.0 (1)	1.0 (1)	1.1 (9)	1.0 (1)	1.3 (21)	1.0 (1)	4.8 (8)	5.0 (12)	4.5 (2)
1115	UCD C135	1.3 (9)	1.5 (9)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	5.8 (16)	5.0 (12)	6.5 (19)
1116	UCD C140	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	6.3 (20)	7.3 (27)	5.3 (10)
1117	UCD C142	1.0 (1)	1.0 (1)	1.0 (1)	1.2 (18)	1.5 (20)	1.0 (1)	1.0 (1)	5.6 (15)	6.5 (22)	4.8 (6)
1118	UCD C147	1.5 (15)	2.0 (15)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	6.5 (23)	7.0 (26)	6.0 (14)
1121	WPB DA 599-021	1.3 (9)	1.5 (9)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	5.8 (16)	5.5 (17)	6.0 (14)
1131	UCD YP03-9/16	1.4 (13)	1.8 (13)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	3.4 (2)	2.3 (4)	4.5 (2)
1132	UCD YP03-8/16	1.5 (15)	2.0 (15)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	3.0 (1)	1.5 (2)	4.5 (2)
1133	UCD YP03-9/9	1.0 (1)	1.0 (1)	1.0 (1)	1.2 (18)	1.5 (20)	1.0 (1)	1.0 (1)	5.0 (11)	5.3 (15)	4.8 (6)
1134	UCD YP03-9/3	2.1 (20)	3.3 (20)	1.0 (1)	1.3 (22)	1.8 (25)	1.3 (21)	1.0 (1)	5.0 (11)	4.5 (9)	5.5 (11)
1135	UCD YP03-8/2	2.4 (21)	3.8 (21)	1.0 (1)	1.4 (24)	1.3 (13)	2.0 (26)	1.0 (1)	6.4 (21)	6.0 (19)	6.8 (23)
1136	UCD YP03-9/2	1.0 (1)	1.0 (1)	1.0 (1)	1.1 (9)	1.3 (13)	1.0 (1)	1.0 (1)	3.8 (4)	4.3 (8)	3.3 (1)
1138	6B98-9339	4.8 (25)	8.0 (25)	1.5 (24)	1.1 (9)	1.0 (1)	1.0 (1)	1.3 (24)	6.5 (23)	6.8 (24)	6.3 (18)
1139	G196M046	-	1.0 (1)	-	-	-	2.0 (26)	-	-	-	-
1140	APB BB-409	3.6 (24)	5.5 (24)	1.8 (25)	1.3 (21)	1.5 (20)	1.3 (21)	1.0 (1)	6.4 (21)	5.0 (12)	7.8 (28)
	MEAN	2.0	2.8	1.2	1.3	1.4	1.2	1.2	5.3	4.9	5.8
	CV	20.2	13.6	35.6	32.7	40.9	29.4	24.0	21.2	24.8	17.9
	LSD (.05)	0.4	0.5	0.6	0.3	0.8	0.5	0.4	1.1	1.7	1.5

Number in parenthesis indicates relative rank in column

Rating scale for stripe rust (area of flag-1 leaf affected), BYDV (percentage of plants showing foliar symptoms) and lodging:

1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.