

TABLE 13. 2003 BARLEY DISEASE AND LODGING SUMMARY

Entry	Name	Stripe Rust			Net Blotch			BYD				Lodging (Harvest)				
		UC Davis	Madera	Mean (2 loc)	UC Davis	Butte	Mean (2 loc)	UC Davis	Butte	Madera	Mean (3 loc)	UC Davis	Butte	Madera	Kings	Mean (4 loc)
<u>CULTIVARS</u>																
603	UC 603	1.3	1.0	1.1 (18)	2.3	2.8	2.5 (26)	2.3	1.5	1.0	1.6 (25)	1.0	2.0	1.0	3.5	1.9 (5)
816	MAX	4.0	8.0	6.0 (27)	2.5	1.5	2.0 (25)	1.3	1.0	1.0	1.1 (8)	3.0	1.0	1.0	5.0	2.5 (10)
885	PATTI	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.3	1.0	1.1 (8)	1.0	1.0	1.0	1.8	1.2 (1)
933	UC 933	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.0	1.0	1.0 (1)	2.5	4.0	1.5	7.0	3.8 (19)
937	UC 937	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.0	1.0	1.0 (1)	4.3	4.8	3.5	6.5	4.8 (25)
951	MELTAN	1.3	1.0	1.1 (18)	4.3	5.0	4.6 (27)	4.3	2.0	4.0	3.4 (27)	2.5	3.5	2.0	6.8	3.7 (18)
969	UC 969	1.5	1.0	1.3 (23)	1.0	1.0	1.0 (1)	1.3	1.0	1.0	1.1 (8)	1.0	2.5	1.8	2.3	1.9 (5)
1120	BELLA UNION	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.3	1.3	1.2 (16)	5.8	6.0	4.5	7.8	6.0 (27)
<u>ADVANCED LINES</u>																
1047	UCD PYT99 A-13	2.3	1.0	1.6 (24)	1.0	1.0	1.0 (1)	1.0	1.8	1.0	1.3 (20)	1.0	3.5	1.5	5.8	2.9 (12)
1085	COMMANDER	3.8	4.6	4.2 (26)	1.3	1.0	1.1 (19)	4.5	1.8	1.0	2.4 (26)	3.3	3.3	2.4	1.3	2.5 (11)
1090	UCD PYT01 C6	1.3	1.0	1.1 (18)	1.0	1.0	1.0 (1)	1.3	1.0	1.3	1.2 (16)	1.3	1.5	2.0	1.5	1.6 (3)
1092	UCD PYT01 C39	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.0	1.3	1.1 (8)	1.0	2.3	1.0	2.0	1.6 (3)
1095	23 IBYT 7	1.0	1.3	1.1 (18)	1.3	1.0	1.1 (19)	1.3	1.0	1.0	1.1 (8)	3.8	4.0	3.3	6.5	4.4 (23)
1108	UCD C108	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.0	1.0	1.0 (1)	1.5	3.3	1.0	2.8	2.1 (7)
1109	UCD C109	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	2.0	1.3	1.3	1.5 (23)	1.0	2.5	1.0	5.3	2.4 (9)
1110	UCD C119	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.3	1.0	1.1 (8)	3.0	4.5	1.8	7.3	4.1 (22)
1111	UCD C122	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.5	1.8	1.3	1.5 (23)	2.5	4.0	1.3	5.8	3.4 (15)
1112	UCD C123	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.3	1.3	1.0	1.2 (16)	2.5	3.3	1.3	6.5	3.4 (15)
1113	UCD C124	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.3	1.0	1.0	1.1 (8)	1.0	1.3	1.3	2.5	1.5 (2)
1114	UCD C130	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.5	1.0	1.3	1.3 (20)	1.0	1.5	1.0	5.3	2.2 (8)
1115	UCD C135	1.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0	1.0 (7)	1.0	3.5	1.0	6.3	2.9 (14)
1116	UCD C140	1.0	1.0	1.0 (2)	1.0	1.0	1.0 (1)	1.0	1.0	1.0	1.0 (1)	1.3	3.8	2.8	5.8	3.4 (15)
1117	UCD C142	1.0	1.0	1.0 (2)	1.5	1.8	1.6 (24)	1.0	1.0	1.3	1.1 (8)	4.0	5.0	3.8	6.8	4.9 (26)
1118	UCD C147	1.0	1.3	1.1 (18)	1.0	1.0	1.0 (1)	1.5	1.0	1.0	1.2 (16)	2.3	3.5	1.8	7.5	3.8 (19)
1119	UCD C150	1.0	1.0	1.0 (2)	1.0	1.3	1.1 (19)	1.0	1.0	1.0	1.0 (1)	1.8	2.3	1.0	6.8	2.9 (12)
1121	WPB DA 599-021	1.0	1.0	1.0 (2)	1.5	1.5	1.5 (22)	1.0	1.0	1.0	1.0 (1)	2.5	4.8	1.5	6.3	3.8 (19)
1122	WPB DA 500-039	1.3	2.0	1.6 (24)	1.3	1.8	1.5 (22)	1.5	1.0	1.5	1.3 (22)	3.3	4.3	3.8	6.5	4.4 (24)
	MEAN	1.3	1.5	1.4	1.3	1.3	1.3	1.5	1.2	1.2	1.3	2.2	3.2	1.9	5.1	3.1
	CV	35.5	34.6	35.1	26.0	35.2	31.0	29.8	30.3	23.5	28.4	42.5	35.0	40.8	21.9	32.1
	LSD (.05)	0.7	0.7	0.5	0.5	0.7	0.4	0.6	0.5	0.4	0.3	1.3	1.6	1.1	1.6	0.7

Rating scale for diseases (area of flag-1 leaf affected), 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%.

BYDV ratings (see scale above) were based on percentage of plants showing foliar symptoms.

Numbers in parentheses indicate relative rank in column.