

2006 BARLEY LODGING AND DISEASE SUMMARY

Entry	Name	Lodging (Harvest)			Leaf Rust			Net Blotch			Stripe Rust			
		Mean (2 loc)	Kings	Merced	Mean (2 loc)	Merced	UC Davis	Mean (2 loc)	Kings	Merced	Mean (3 loc)	Kings	Merced	UC Davis
<b>CULTIVARS</b>														
603	UC 603	2.3 (8)	3.5	1.0	1.5 (9)	1.3	1.8	2.6 (23)	1.8	3.5	1.3 (20)	2.0	1.0	1.0
816	MAX	4.4 (18)	4.0	4.8	3.0 (19)	2.8	3.3	1.0 (1)	1.0	1.0	7.2 (23)	6.0	8.0	7.5
885	PATTI	2.9 (11)	3.3	2.5	4.8 (23)	7.3	2.3	1.9 (21)	2.8	1.0	1.4 (21)	1.0	1.0	2.3
933	UC 933	3.9 (17)	4.0	3.8	4.1 (22)	5.8	2.5	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
937	UC 937	5.1 (22)	6.0	4.3	2.6 (18)	4.0	1.3	1.6 (19)	2.3	1.0	1.0 (1)	1.0	1.0	1.0
951	MELTAN	2.5 (9)	4.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
969	UC 969	1.6 (2)	2.3	1.0	2.0 (14)	2.0	2.0	1.0 (1)	1.0	1.0	1.2 (19)	1.5	1.0	1.0
1047	ISHI	4.4 (18)	4.0	4.8	2.4 (17)	3.5	1.3	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1181	DEVORA	1.8 (5)	2.5	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
<b>ADVANCED LINES</b>														
1095	23 IBYT 7	3.1 (14)	3.8	2.5	1.1 (6)	1.3	1.0	1.1 (14)	1.3	1.0	1.0 (1)	1.0	1.0	1.0
1109	UCD C109	2.8 (10)	2.5	3.0	2.1 (15)	2.8	1.5	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1113	UCD C124	2.0 (6)	2.3	1.8	1.6 (10)	2.3	1.0	2.0 (22)	3.0	1.0	1.0 (1)	1.0	1.0	1.0
1114	UCD C130	3.0 (12)	2.8	3.3	2.1 (15)	3.0	1.3	1.0 (1)	1.0	1.0	1.1 (17)	1.0	1.3	1.0
1115	UCD C135	4.4 (18)	3.5	5.3	3.3 (20)	5.5	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1116	UCD C140	2.1 (7)	2.0	2.3	1.8 (12)	2.3	1.3	1.1 (14)	1.3	1.0	1.0 (1)	1.0	1.0	1.0
1118	UCD C147	4.4 (18)	4.5	4.3	3.8 (21)	5.8	1.8	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1131	UCD YP03-9/16	3.1 (14)	3.3	3.0	1.8 (12)	2.0	1.5	1.1 (14)	1.0	1.3	1.0 (1)	1.0	1.0	1.0
1132	UCD YP03-8/16	3.0 (12)	4.0	2.0	1.4 (7)	1.8	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1133	UCD YP03-9/9	3.1 (14)	5.0	1.3	1.6 (10)	2.0	1.3	1.5 (17)	2.0	1.0	1.0 (1)	1.0	1.0	1.0
1134	UCD YP03-9/3	1.6 (2)	2.3	1.0	1.0 (1)	1.0	1.0	1.5 (17)	2.0	1.0	1.1 (17)	1.3	1.0	1.0
1180	Ceb 20254	1.6 (2)	2.3	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1182	UCD 11HB13	1.4 (1)	1.8	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0 (1)	1.0	1.0	1.0
1183	WWW BA1129A	5.1 (22)	5.3	5.0	1.4 (7)	1.0	1.8	1.6 (19)	2.3	1.0	5.8 (22)	5.0	8.0	4.5
	MEAN	3.0	3.4	2.6	2.1	2.7	1.5	1.3	1.4	1.1	1.5	1.5	1.6	1.5
	CV	50.8	50.4	50.3	38.5	39.1	29.1	36.9	45.3	14.4	42.6	43.8	6.4	61.5
	LSD (.05)	1.5	2.4	1.9	0.8	1.5	0.6	0.5	0.9	0.2	0.5	0.9	0.1	1.3

Number in parenthesis indicates relative rank in column

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%.

2006 BARLEY NET BLOTCH SUMMARY

Entry	Name	Net Blotch		
		Mean (2 loc)	Kings	Merced
<u>CULTIVARS</u>				
603	UC 603	2.6 (23)	1.8	3.5
816	MAX	1.0 (1)	1.0	1.0
885	PATTI	1.9 (21)	2.8	1.0
933	UC 933	1.0 (1)	1.0	1.0
937	UC 937	1.6 (19)	2.3	1.0
951	MELTAN	1.0 (1)	1.0	1.0
969	UC 969	1.0 (1)	1.0	1.0
1047	ISHI	1.0 (1)	1.0	1.0
1181	DEVORA	1.0 (1)	1.0	1.0
<u>ADVANCED LINES</u>				
1095	23 IBYT 7	1.1 (14)	1.3	1.0
1109	UCD C109	1.0 (1)	1.0	1.0
1113	UCD C124	2.0 (22)	3.0	1.0
1114	UCD C130	1.0 (1)	1.0	1.0
1115	UCD C135	1.0 (1)	1.0	1.0
1116	UCD C140	1.1 (14)	1.3	1.0
1118	UCD C147	1.0 (1)	1.0	1.0
1131	UCD YP03-9/16	1.1 (14)	1.0	1.3
1132	UCD YP03-8/16	1.0 (1)	1.0	1.0
1133	UCD YP03-9/9	1.5 (17)	2.0	1.0
1134	UCD YP03-9/3	1.5 (17)	2.0	1.0
1180	Ceb 20254	1.0 (1)	1.0	1.0
1182	UCD 11HB13	1.0 (1)	1.0	1.0
1183	WWW BA1129A	1.6 (19)	2.3	1.0
	MEAN	1.3	1.4	1.1
	CV	36.9	45.3	14.4
	LSD (.05)	0.5	0.9	0.2

Rating scale for diseases (area of flag-1 leaf affected): 1 = 0-3%, 2 = 4-14%,  
3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

Number in parenthesis indicates relative rank in column

2006 BARLEY LEAF RUST SUMMARY

Entry	Name	Leaf Rust		
		Mean (2 loc)	Merced	UC Davis
<u>CULTIVARS</u>				
603	UC 603	1.5 (9)	1.3	1.8
816	MAX	3.0 (19)	2.8	3.3
885	PATTI	4.8 (23)	7.3	2.3
933	UC 933	4.1 (22)	5.8	2.5
937	UC 937	2.6 (18)	4.0	1.3
951	MELTAN	1.0 (1)	1.0	1.0
969	UC 969	2.0 (14)	2.0	2.0
1047	ISHI	2.4 (17)	3.5	1.3
1181	DEVORA	1.0 (1)	1.0	1.0
<u>ADVANCED LINES</u>				
1095	23 IBYT 7	1.1 (6)	1.3	1.0
1109	UCD C109	2.1 (15)	2.8	1.5
1113	UCD C124	1.6 (10)	2.3	1.0
1114	UCD C130	2.1 (15)	3.0	1.3
1115	UCD C135	3.3 (20)	5.5	1.0
1116	UCD C140	1.8 (12)	2.3	1.3
1118	UCD C147	3.8 (21)	5.8	1.8
1131	UCD YP03-9/16	1.8 (12)	2.0	1.5
1132	UCD YP03-8/16	1.4 (7)	1.8	1.0
1133	UCD YP03-9/9	1.6 (10)	2.0	1.3
1134	UCD YP03-9/3	1.0 (1)	1.0	1.0
1180	Ceb 20254	1.0 (1)	1.0	1.0
1182	UCD 11HB13	1.0 (1)	1.0	1.0
1183	WWW BA1129A	1.4 (7)	1.0	1.8
	MEAN	2.1	2.7	1.5
	CV	38.5	39.1	29.1
	LSD (.05)	0.8	1.5	0.6

Rating scale for diseases (area of flag-1 leaf affected): 1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

Number in parenthesis indicates relative rank in column

2006 BARLEY LODGING SUMMARY

Entry	Name	Lodging (Harvest)		
		Mean (2 loc)	Kings	Merced
<u>CULTIVARS</u>				
603	UC 603	2.3 (8)	3.5	1.0
816	MAX	4.4 (18)	4.0	4.8
885	PATTI	2.9 (11)	3.3	2.5
933	UC 933	3.9 (17)	4.0	3.8
937	UC 937	5.1 (22)	6.0	4.3
951	MELTAN	2.5 (9)	4.0	1.0
969	UC 969	1.6 (2)	2.3	1.0
1047	ISHI	4.4 (18)	4.0	4.8
1181	DEVORA	1.8 (5)	2.5	1.0
<u>ADVANCED LINES</u>				
1095	23 IBYT 7	3.1 (14)	3.8	2.5
1109	UCD C109	2.8 (10)	2.5	3.0
1113	UCD C124	2.0 (6)	2.3	1.8
1114	UCD C130	3.0 (12)	2.8	3.3
1115	UCD C135	4.4 (18)	3.5	5.3
1116	UCD C140	2.1 (7)	2.0	2.3
1118	UCD C147	4.4 (18)	4.5	4.3
1131	UCD YP03-9/16	3.1 (14)	3.3	3.0
1132	UCD YP03-8/16	3.0 (12)	4.0	2.0
1133	UCD YP03-9/9	3.1 (14)	5.0	1.3
1134	UCD YP03-9/3	1.6 (2)	2.3	1.0
1180	Ceb 20254	1.6 (2)	2.3	1.0
1182	UCD 11HB13	1.4 (1)	1.8	1.0
1183	WWW BA1129A	5.1 (22)	5.3	5.0
	MEAN	3.0	3.4	2.6
	CV	50.8	50.4	50.3
	LSD (.05)	1.5	2.4	1.9

Rating scale for 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%.

Number in parenthesis indicates relative rank in column

2006 BARLEY STRIPE RUST SUMMARY

Entry	Name	Stripe Rust			
		Mean (3 loc)	Kings	Merced	UC Davis
<u>CULTIVARS</u>					
603	UC 603	1.3 (20)	2.0	1.0	1.0
816	MAX	7.2 (23)	6.0	8.0	7.5
885	PATTI	1.4 (21)	1.0	1.0	2.3
933	UC 933	1.0 (1)	1.0	1.0	1.0
937	UC 937	1.0 (1)	1.0	1.0	1.0
951	MELTAN	1.0 (1)	1.0	1.0	1.0
969	UC 969	1.2 (19)	1.5	1.0	1.0
1047	ISHI	1.0 (1)	1.0	1.0	1.0
1181	DEVORA	1.0 (1)	1.0	1.0	1.0
<u>ADVANCED LINES</u>					
1095	23 IBYT 7	1.0 (1)	1.0	1.0	1.0
1109	UCD C109	1.0 (1)	1.0	1.0	1.0
1113	UCD C124	1.0 (1)	1.0	1.0	1.0
1114	UCD C130	1.1 (17)	1.0	1.3	1.0
1115	UCD C135	1.0 (1)	1.0	1.0	1.0
1116	UCD C140	1.0 (1)	1.0	1.0	1.0
1118	UCD C147	1.0 (1)	1.0	1.0	1.0
1131	UCD YP03-9/16	1.0 (1)	1.0	1.0	1.0
1132	UCD YP03-8/16	1.0 (1)	1.0	1.0	1.0
1133	UCD YP03-9/9	1.0 (1)	1.0	1.0	1.0
1134	UCD YP03-9/3	1.1 (17)	1.3	1.0	1.0
1180	Ceb 20254	1.0 (1)	1.0	1.0	1.0
1182	UCD 11HB13	1.0 (1)	1.0	1.0	1.0
1183	WWW BA1129A	5.8 (22)	5.0	8.0	4.5
	MEAN	1.5	1.5	1.6	1.5
	CV	42.6	43.8	6.4	61.5
	LSD (.05)	0.5	0.9	0.1	1.3

Rating scale for diseases (area of flag-1 leaf affected): 1 = 0-3%, 2 = 4-14%,  
3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

Number in parenthesis indicates relative rank in column