

TABLE 9. 2004 MADERA BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Shatter	Plant Ht (in)	Lodging		BYDV	Net Blotch	Stripe Rust
						soft dough	harvest			
<u>CULTIVARS</u>										
603	UC 603	5670 (9)	51.6	1.0	34	3.3	3.5	1.0	1.0	1.0
816	MAX	5890 (5)	54.2	1.0	32	1.3	1.8	1.0	1.0	4.0
885	PATTI	6110 (2)	52.7	1.0	33	2.3	2.8	1.8	1.0	1.0
933	UC 933	5700 (8)	50.6	1.0	36	5.5	6.3	1.0	1.0	1.0
937	UC 937	4060 (26)	50.9	1.0	39	7.3	8.0	1.0	1.0	1.0
951	MELTAN	3640 (27)	53.2	1.0	35	5.5	6.5	4.0	2.0	1.0
969	UC 969	5250 (20)	53.7	3.0	40	5.5	4.8	1.0	1.0	1.0
1085	COMMANDER	6670 (1)	55.1	1.0	34	1.3	1.3	1.3	1.0	2.0
1137	TRADITION	3130 (28)	53.9	4.5	44	7.3	6.0	1.0	1.0	2.0
<u>ADVANCED LINES</u>										
1047	UCD PYT99 A-13	5410 (17)	51.0	1.0	36	5.3	5.3	1.0	1.0	1.0
1090	UCD PYT01 C6	5600 (11)	50.7	1.0	33	2.5	6.8	1.8	1.0	1.0
1095	23 IBYT 7	5620 (10)	51.6	1.0	38	5.5	5.5	1.0	1.0	1.0
1108	UCD C108	5470 (15)	50.8	1.0	39	4.5	4.8	1.0	1.0	1.0
1109	UCD C109	5710 (7)	50.0	1.0	38	3	3.0	1.0	1.0	1.0
1111	UCD C122	5430 (16)	51.3	1.0	40	4.8	5.0	1.0	1.0	1.0
1115	UCD C135	5520 (13)	50.7	1.0	38	4.3	5.0	1.0	1.0	1.0
1116	UCD C140	5910 (4)	51.8	1.0	35	6.3	7.3	1.0	1.0	1.0
1117	UCD C142	5130 (21)	50.7	1.3	40	5.5	6.5	1.0	1.0	1.0
1118	UCD C147	4950 (23)	50.3	1.0	38	4.5	7.0	1.0	1.0	1.0
1121	WPB DA 599-021	5080 (22)	50.6	1.0	39	6.5	5.5	1.0	1.0	1.0
1131	UCD YP03-9/16	5760 (6)	51.0	1.0	39	2	2.3	1.0	1.0	1.0
1132	UCD YP03-8/16	5950 (3)	51.3	1.0	37	1.5	1.5	1.0	1.0	1.0
1133	UCD YP03-9/9	5350 (19)	50.4	1.0	34	2.5	5.3	1.0	1.0	1.0
1134	UCD YP03-9/3	5500 (14)	60.9	1.0	33	2.8	4.5	1.0	1.0	1.0
1135	UCD YP03-8/2	5580 (12)	56.4	1.0	34	3.8	6.0	1.0	1.0	1.0
1136	UCD YP03-9/2	4140 (25)	62.7	1.5	37	2.3	4.3	1.0	1.0	1.0
1138	6B98-9339	4410 (24)	53.4	3.0	47	6.8	6.8	1.3	1.0	1.5
1140	APB BB-409	5370 (18)	51.2	1.0	28	1.8	5.0	1.0	1.0	1.8
	MEAN	5290	52.6	1.3	37	4.1	4.9	1.2	1.0	1.2
	CV	11.9	2.1	34.6	4.5	31.2	24.8	24.0	14.9	35.6
	LSD (.05)	890	2.2	0.6	3	1.8	1.7	0.4	0.2	0.6

Numbers in parentheses indicates relative rank in column.

BYDV Ratings(see above scale) were based on percentage of plants showing folier symptoms.

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