

TABLE 8. 2003 MADERA BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Shatter	Plant Ht (in)	Lodging		BYDV	Leaf Rust	Stripe Rust	Frost Damage
						(soft dough)	(harvest)				
<u>CULTIVARS</u>											
603	UC 603	4890 (24)	48.7	1.0	37	1.3	1.0	1.0	1.0	1.0	2.3
816	MAX	4920 (23)	46.0	1.0	31	1.0	1.0	1.0	1.0	8.0	1.0
885	PATTI	6160 (13)	49.6	1.0	31	1.0	1.0	1.0	1.0	1.0	2.3
933	UC 933	6380 (9)	48.8	1.0	35	1.5	1.5	1.0	1.0	1.0	2.3
937	UC 937	5520 (21)	49.6	1.0	38	2.8	3.5	1.0	1.0	1.0	3.3
951	MELTAN	3860 (27)	51.6	1.0	35	1.0	2.0	4.0	1.0	1.0	1.0
969	UC 969	4480 (26)	51.2	1.8	39	2.5	1.8	1.0	1.0	1.0	2.5
1085	COMMANDER	6120 (14)	50.9	1.0	35	1.1	2.4	1.0	1.8	4.6	1.0
1120	BELLA UNION	4740 (25)	47.5	2.3	37	3.0	4.5	1.3	1.0	1.0	2.8
<u>ADVANCED LINES</u>											
1047	UCD PYT99 A-13	6940 (1)	49.3	1.0	37	1.3	1.5	1.0	1.0	1.0	1.8
1090	UCD PYT01 C6	6200 (12)	49.6	1.0	35	1.3	2.0	1.3	1.0	1.0	1.0
1092	UCD PYT01 C39	6590 (7)	49.8	1.0	35	1.0	1.0	1.3	1.0	1.0	1.5
1095	23 IBYT 7	6260 (10)	50.3	1.0	40	3.3	3.3	1.0	1.0	1.3	1.0
1108	UCD C108	6760 (4)	49.2	1.0	40	1.3	1.0	1.0	1.0	1.0	1.0
1109	UCD C109	6040 (15)	48.3	1.0	37	1.3	1.0	1.3	1.0	1.0	1.8
1110	UCD C119	5460 (22)	49.2	1.0	37	2.3	1.8	1.0	1.0	1.0	3.0
1111	UCD C122	5740 (20)	48.6	1.0	35	1.8	1.3	1.3	1.0	1.0	2.0
1112	UCD C123	6630 (6)	48.5	1.0	35	2.3	1.3	1.0	1.0	1.0	1.5
1113	UCD C124	6490 (8)	49.1	1.0	36	1.5	1.3	1.0	1.0	1.0	1.5
1114	UCD C130	6200 (11)	47.9	1.0	37	1.0	1.0	1.3	1.0	1.0	1.3
1115	UCD C135	6760 (3)	49.6	1.0	36	1.2	1.0	1.0	1.0	1.0	1.7
1116	UCD C140	6750 (5)	49.9	1.0	36	2.5	2.8	1.0	1.0	1.0	1.5
1117	UCD C142	5860 (18)	49.1	1.3	40	3.3	3.8	1.3	1.0	1.0	1.5
1118	UCD C147	5860 (19)	49.3	1.0	38	2.0	1.8	1.0	1.0	1.3	1.8
1119	UCD C150	5950 (17)	49.7	1.0	37	1.0	1.0	1.0	1.0	1.0	1.3
1121	WPB DA 599-021	6000 (16)	47.7	1.0	36	1.8	1.5	1.0	1.0	1.0	2.8
1122	WPB DA 500-039	6830 (2)	48.8	1.0	41	3.8	3.8	1.5	1.0	2.0	1.3
	MEAN	5940	49.2	1.1	36	1.8	1.9	1.2	1.0	1.5	1.7
	CV	9.1	1.1	15.6	5.8	50.7	40.8	23.5	27.8	34.6	42.1
	LSD (.05)	760	1.1	0.2	4	1.3	1.1	0.4	ns	0.7	1.0

Rating scale for diseases (area of flag-1 leaf affected), lodging, and shatter: 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 and Frost Damage ratings (see scale above) were based on percentage of plants showing symptoms.

Numbers in parentheses indicate relative rank in column.