

TABLE 8. 2006 MERCED BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Shatter	Plant Ht (in)	Lodging		BYDV	Net Blotch		Leaf Rust		Stripe Rust	
				Kernel Wt (g)				soft dough	harvest		5/1	5/24	5/1	5/24	5/1	5/24
<u>CULTIVARS</u>																
603	UC 603	4930 (9)	46.7	35.6	1.0	34	1.0	1.0	1.0	3.8	3.5	1.0	1.3	2.8	1.0	
816	MAX	2680 (23)	41.1	29.2	1.0	25	1.0	4.8	1.0	1.0	1.0	1.0	2.8	5.8	8.0	
885	PATTI	2680 (22)	38.4	31.7	1.0	24	1.0	2.5	1.0	1.0	1.0	3.0	7.3	1.3	1.0	
933	UC 933	4390 (18)	45.1	35.9	1.0	26	1.0	3.8	1.0	1.0	1.0	1.3	5.8	1.0	1.0	
937	UC 937	4290 (19)	45.0	35.9	1.0	28	1.0	4.3	1.0	1.0	1.0	1.0	4.0	1.0	1.0	
951	MELTAN	5160 (7)	50.7	37.1	1.0	33	1.0	1.0	2.3	1.3	1.0	1.0	1.0	1.5	1.0	
969	UC 969	4910 (10)	47.6	37.3	1.0	30	1.0	1.0	1.0	1.0	1.0	1.3	2.0	1.8	1.0	
1047	ISHI	5910 (1)	44.3	35.8	1.0	27	1.0	4.8	1.0	1.0	1.0	1.0	3.5	2.3	1.0	
1181	DEVORA	5520 (4)	49.2	40.8	2.5	38	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	
<u>ADVANCED LINES</u>																
1095	23 IBYT 7	5840 (2)	47.1	37.5	1.0	30	1.0	2.5	1.0	1.0	1.0	1.0	1.3	1.0	1.0	
1109	UCD C109	5400 (5)	43.3	36.0	1.0	30	1.0	3.0	1.0	1.0	1.0	1.0	2.8	1.5	1.0	
1113	UCD C124	4730 (15)	44.8	36.4	1.0	26	1.0	1.8	1.3	1.0	1.0	1.0	2.3	1.3	1.0	
1114	UCD C130	4870 (11)	42.6	35.6	1.0	32	1.0	3.3	1.5	1.0	1.0	1.0	3.0	1.0	1.3	
1115	UCD C135	5620 (3)	43.2	32.5	1.0	31	2.3	5.3	1.0	1.0	1.0	1.0	5.5	1.3	1.0	
1116	UCD C140	4740 (14)	45.5	37.8	1.0	24	1.0	2.3	1.0	1.0	1.0	1.0	2.3	1.0	1.0	
1118	UCD C147	4980 (8)	44.9	35.7	1.3	28	2.3	4.3	1.3	1.3	1.0	1.3	5.8	1.3	1.0	
1131	UCD YP03-9/16	5170 (6)	44.3	36.7	1.0	31	1.0	3.0	1.0	1.0	1.3	1.0	2.0	1.0	1.0	
1132	UCD YP03-8/16	4670 (16)	44.3	38.7	1.0	31	1.0	2.0	1.3	1.0	1.0	1.0	1.8	1.0	1.0	
1133	UCD YP03-9/9	4100 (20)	43.5	34.5	1.0	31	1.0	1.3	1.0	1.0	1.0	1.0	2.0	1.0	1.0	
1134	UCD YP03-9/3	4820 (12)	52.5	36.1	1.0	24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	
1180	Ceb 20254	4650 (17)	48.5	41.5	1.3	37	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	
1182	UCD 11HB13	4820 (13)	59.3	30.7	2.0	34	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8	1.0	
1183	WWW BA1129A	3960 (21)	40.1	30.2	1.0	31	1.5	5.0	1.0	1.0	1.0	1.0	1.0	7.0	8.0	
	MEAN	4730	45.7	35.6	1.1	30	1.1	2.6	1.2	1.1	1.1	1.1	2.7	1.8	1.6	
	CV	12.7	3.9	6.2	33.9	8.4	68.6	50.3	35.1	36.7	14.4	37.7	39.1	36.3	6.4	
	LSD (.05)	850	3.7	4.6	0.5	4	-	1.9	0.6	0.6	0.2	0.6	1.5	0.9	0.1	

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