

TABLE 8. 2004 UC DAVIS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Shatter	Plant Ht (in)	Days to		BYDV	Net Blotch	Leaf Rust	Stripe Rust
				Kernel Wt (g)				Head	Mature				
								(from 3/1)					
<u>CULTIVARS</u>													
603	UC 603	5840 (19)	51.2	40.1	1.0	31	39	74	1.0	2.3	2.3	2.0	
816	MAX	1660 (29)	42.4	29.0	1.0	28	60	82	1.0	1.0	1.0	8.0	
885	PATTI	5160 (22)	50.9	46.6	1.0	26	50	82	1.3	1.0	3.3	1.5	
933	UC 933	6620 (8)	48.4	44.3	1.0	33	45	80	1.0	1.0	1.3	1.0	
937	UC 937	6260 (11)	50.1	46.1	1.0	34	54	81	1.0	1.0	1.0	1.0	
951	MELTAN	4090 (27)	54.5	41.2	1.0	30	60	78	2.8	2.3	1.0	3.8	
969	UC 969	6310 (10)	53.4	46.0	1.0	35	38	71	1.0	1.0	1.0	4.3	
1085	COMMANDER	3520 (28)	46.0	32.9	1.0	28	55	81	1.0	1.0	1.0	8.0	
1137	TRADITION	4270 (25)	52.8	36.9	1.5	43	43	75	2.8	1.0	1.0	8.0	
<u>ADVANCED LINES</u>													
1047	UCD PYT99 A-13	6750 (7)	51.8	46.2	1.0	34	47	80	1.0	1.0	1.3	2.3	
1090	UCD PYT01 C6	6080 (16)	50.5	39.9	1.0	30	49	77	1.5	1.0	1.0	1.8	
1095	23 IBYT 7	6970 (3)	50.2	41.8	1.0	35	48	78	1.0	1.0	1.0	2.3	
1108	UCD C108	6930 (4)	50.8	48.8	1.0	37	50	81	1.0	1.0	1.0	1.0	
1109	UCD C109	6210 (14)	50.2	47.7	1.0	33	55	83	1.0	1.0	1.0	1.5	
1111	UCD C122	6250 (12)	50.4	54.3	1.0	37	49	79	1.3	1.0	1.0	1.0	
1115	UCD C135	7020 (1)	51.0	44.0	1.0	34	52	82	1.0	1.0	1.5	1.5	
1116	UCD C140	6990 (2)	50.6	44.0	1.0	32	49	81	1.0	1.0	1.0	1.0	
1117	UCD C142	6830 (6)	48.7	41.1	1.0	38	51	75	1.0	1.0	1.0	1.0	
1118	UCD C147	6830 (5)	49.5	44.0	1.0	34	47	81	1.0	1.0	1.0	2.0	
1121	WPB DA 599-021	6030 (17)	51.7	51.4	1.0	35	54	81	1.0	1.0	1.0	1.5	
1131	UCD YP03-9/16	5890 (18)	50.5	49.4	1.0	35	55	83	1.0	1.0	1.0	1.8	
1132	UCD YP03-8/16	6230 (13)	50.5	49.6	1.0	35	54	83	1.0	1.0	1.3	2.0	
1133	UCD YP03-9/9	6390 (9)	48.4	40.1	1.0	31	54	82	1.0	1.0	1.0	1.0	
1134	UCD YP03-9/3	6140 (15)	58.7	39.7	1.0	29	44	79	1.3	1.0	1.0	3.3	
1135	UCD YP03-8/2	5460 (21)	56.3	41.5	1.0	31	43	77	2.0	1.0	1.0	3.8	
1136	UCD YP03-9/2	4750 (24)	60.7	37.3	1.0	33	63	82	1.0	1.0	1.0	1.0	
1138	6B98-9339	5030 (23)	53.0	38.8	1.8	47	40	71	1.0	1.0	1.0	8.0	
1139	G196M046	5810 (20)	51.2	37.3	1.0	35	40	73	2.0	1.0	1.0	1.0	
1140	APB BB-409	4260 (26)	47.2	32.1	1.0	26	61	81	1.3	1.0	1.3	5.5	
	MEAN	5750	51.1	42.5	1.0	33	50	79	1.2	1.1	1.2	2.8	
	CV	6.4	1.4	2.4	13.5	4.2	3	1.6	29.4	30.3	21.7	13.6	
	LSD (.05)	510	1.5	2.1	0.2	3	3	3	0.5	0.5	0.4	0.5	

Numbers in parentheses indicates relative rank in column.

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%.

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