

TABLE 10. 2005 UC DAVIS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Shatter	Plant Ht (in)	Lodging (harvest)	Days to		BYDV	Net Blotch	Scald	Powdery Mildew		Leaf Rust	Stripe Rust	
				Kernel Wt (g)					Head	Mature				4/14	5/9		4/14	5/9
CULTIVARS																		
603	UC 603	6180 (16)	48.7	37.8	1.0	37	1.3	32	85	1.5	1.0	1.8	1.0	1.0	1.8	1.0	1.0	
816	MAX	2110 (24)	42.1	26.5	1.3	38	6.8	48	84	1.0	1.0	1.0	1.5	1.8	1.0	1.5	6.8	
885	PATTI	6430 (15)	49.5	44.0	1.0	35	1.0	33	89	1.0	1.0	4.0	1.0	1.3	2.0	1.0	1.0	
933	UC 933	7050 (5)	49.7	40.5	1.0	39	3.5	35	89	1.0	1.0	1.0	1.0	1.0	1.5	1.0	1.0	
937	UC 937	6050 (19)	48.1	37.4	2.8	42	5.8	43	87	1.0	1.0	1.0	1.0	2.8	1.0	1.0	1.0	
951	MELTAN	2140 (23)	51.4	38.6	1.0	37	5.3	44	80	4.3	3.5	4.5	1.0	1.0	1.0	1.3	1.8	
969	UC 969	6440 (14)	51.8	37.2	1.5	40	2.5	30	82	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.3	
1085	COMMANDER	2840 (22)	45.6	30.3	1.8	38	7.8	44	81	1.3	1.5	5.0	2.8	3.5	4.0	1.3	3.0	
ADVANCED LINES																		
1047	UCD PYT99 A-13	7040 (6)	50.4	46.8	1.0	41	2.5	39	87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8
1052	WWW BA8017	440 (25)	38.0	29.0	1.5	33	6.8	55	87	1.0	1.0	3.0	1.3	3.3	1.0	3.0	6.8	
1090	UCD PYT01 C6	6600 (13)	50.1	44.2	2.3	39	6.5	40	84	2.0	1.0	1.0	1.0	1.8	1.0	1.0	1.0	
1095	23 IBYT 7	7680 (1)	50.2	45.1	1.0	42	3.5	39	87	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1108	UCD C108	6900 (8)	50.1	46.7	1.3	42	3.0	42	87	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1109	UCD C109	7410 (3)	48.2	44.1	1.0	42	2.8	42	89	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.3	
1113	UCD C124	7600 (2)	49.4	49.0	1.0	42	2.3	44	90	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1114	UCD C130	6630 (12)	44.8	41.6	1.0	44	3.5	48	91	1.0	1.0	1.8	1.0	1.0	1.0	1.0	1.0	
1115	UCD C135	6130 (17)	48.1	42.2	1.0	42	4.3	44	90	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	
1116	UCD C140	6750 (11)	50.0	47.9	1.3	40	3.8	41	88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1118	UCD C147	6870 (10)	48.5	43.2	1.8	41	4.0	41	88	1.0	1.0	2.8	1.0	1.3	1.0	1.0	1.3	
1131	UCD YP03-9/16	7030 (7)	46.8	44.4	1.0	43	3.5	45	89	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.3	
1132	UCD YP03-8/16	6890 (9)	47.4	45.1	1.3	42	4.0	45	88	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
1133	UCD YP03-9/9	5950 (20)	47.7	38.4	1.3	39	5.5	47	87	1.5	1.0	1.0	1.0	3.8	1.0	1.0	1.0	
1134	UCD YP03-9/3	7290 (4)	52.3	43.7	1.0	39	1.3	38	88	1.3	1.0	1.8	1.0	1.0	1.0	1.0	2.0	
1169	UCD 03YP4/3	5370 (21)	52.1	45.1	1.5	40	3.0	31	83	1.0	1.0	1.0	1.0	1.3	1.0	1.3	1.3	
1170	UCD 03YP5/13	6130 (18)	44.0	39.6	1.0	44	5.5	48	90	1.3	1.0	1.0	1.0	1.3	1.0	1.0	1.8	
	MEAN	5920	48.2	41.1	1.3	40	4.0	41	86	1.3	1.1	1.7	1.1	1.5	1.2	1.1	1.7	
	CV	11.1	1.8	7.5	35.5	2.9	18.2	1.6	1.4	31.5	20.8	43.7	22.6	27.0	26.1	37.6	37.9	
	LSD (.05)	930	1.8	6.4	0.6	2	1.0	1	3	0.6	0.3	1.0	0.4	0.6	0.4	0.6	0.9	

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.