

TABLE 7. 2003 UC DAVIS BARLEY TEST

Entry Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Plant Ht (in)	Lodging		Days to		Net Blotch	Scald	Stripe Rust	Powdery Mildew	
			Kernel Wt (g)	Shatter		(soft dough)	(harvest)	Head (from 3/1)	Mature BYDV					
<u>CULTIVARS</u>														
603 UC 603	6250 (23)	48.4	41.5	1.0	39	1.0	1.0	29	80	2.3	2.3	1.0	1.3	2.3
816 MAX	3410 (27)	41.3	33.8	1.0	38	1.0	3.0	51	88	1.3	2.5	1.8	4.0	2.8
885 PATTI	7600 (21)	49.4	54.0	1.0	36	1.0	1.0	36	95	1.0	1.0	1.0	1.0	2.0
933 UC 933	8570 (13)	49.2	50.3	1.0	40	3.0	2.5	38	93	1.0	1.0	1.0	1.0	1.0
937 UC 937	7670 (20)	48.4	51.0	1.0	40	4.0	4.3	41	86	1.0	1.0	1.0	1.0	2.5
951 MELTAN	5420 (25)	50.6	48.8	1.0	39	1.0	2.5	45	82	4.3	4.3	1.0	1.3	1.0
969 UC 969	6980 (22)	51.3	49.5	1.0	44	1.0	1.0	27	81	1.3	1.0	1.0	1.5	1.8
1085 COMMANDER	4690 (26)	44.9	44.5	1.0	38	1.0	3.3	44	85	4.5	1.3	1.8	3.8	3.5
1120 BELLA UNION	6060 (24)	49.2	47.3	3.8	43	5.0	5.8	30	80	1.0	1.0	1.0	1.0	1.3
<u>ADVANCED LINES</u>														
1047 UCD PYT99 A-13	8940 (6)	48.4	51.3	1.0	44	1.0	1.0	41	88	1.0	1.0	1.0	2.3	1.0
1090 UCD PYT01 C6	8490 (16)	49.2	50.0	1.0	38	1.0	1.3	44	87	1.3	1.0	1.0	1.3	2.8
1092 UCD PYT01 C39	8680 (10)	49.2	48.3	1.0	39	1.0	1.0	40	86	1.0	1.0	1.0	1.0	1.0
1095 23 IBYT 7	7890 (17)	48.9	49.3	1.0	43	4.3	3.8	43	89	1.3	1.3	1.0	1.0	1.0
1108 UCD C108	9070 (5)	48.9	54.3	1.0	43	1.5	1.5	42	92	1.0	1.0	1.0	1.0	1.0
1109 UCD C109	8820 (7)	48.2	50.5	1.0	41	1.0	1.0	48	94	2.0	1.0	1.0	1.0	1.0
1110 UCD C119	7790 (18)	47.8	55.5	1.0	42	3.3	3.0	38	91	1.0	1.0	1.0	1.0	1.0
1111 UCD C122	8540 (15)	48.9	59.0	1.0	45	3.5	2.5	39	92	1.5	1.0	1.0	1.0	1.0
1112 UCD C123	8600 (11)	47.2	50.3	1.0	40	2.3	2.5	46	93	1.3	1.0	1.0	1.0	1.0
1113 UCD C124	9200 (2)	48.4	52.8	1.0	40	1.0	1.0	48	94	1.3	1.0	1.0	1.0	1.0
1114 UCD C130	8810 (8)	48.0	53.3	1.0	42	1.0	1.0	51	95	1.5	1.0	1.0	1.0	1.0
1115 UCD C135	9840 (1)	49.9	50.8	1.0	43	1.0	1.0	46	95	1.0	1.0	1.0	1.0	1.0
1116 UCD C140	9190 (3)	49.4	52.0	1.0	40	1.3	1.3	42	88	1.0	1.0	1.0	1.0	1.0
1117 UCD C142	8560 (14)	48.1	47.0	1.0	44	3.8	4.0	44	88	1.0	1.5	1.0	1.0	1.0
1118 UCD C147	8790 (9)	48.5	50.8	1.0	43	2.0	2.3	42	89	1.5	1.0	1.0	1.0	1.3
1119 UCD C150	9070 (4)	49.0	48.0	1.0	43	1.0	1.8	42	88	1.0	1.0	1.0	1.0	1.0
1121 WPB DA 599-021	7750 (19)	47.6	54.8	1.0	46	4.0	2.5	41	87	1.0	1.5	1.0	1.0	1.0
1122 WPB DA 500-039	8590 (12)	49.7	54.8	1.0	41	2.8	3.3	41	91	1.5	1.3	1.0	1.3	1.0
MEAN	7900	48.4	50.1	1.1	41	2.0	2.2	41	89	1.5	1.3	1.1	1.3	1.4
CV	8.3	1.7	3.3	8.7	3.5	51.7	42.5	3.0	2.7	29.8	26.0	38.9	35.5	36.9
LSD (.05)	920	1.7	3.4	0.1	3	1.5	1.3	3	5	0.6	0.5	ns	0.7	0.7

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

Numbers in parentheses indicate relative rank in column.