

TABLE 4. 2001 UC DAVIS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000 Kernel Wt (g)	Shatter	Plant Ht (in)	Lodging (harvest)	Days to		BYDV	Stripe Rust
								Head (from 3/1)	Mature		
<u>CULTIVARS</u>											
1	ARIVAT	4200 (20)	48.0	39.0	1.5	43	3.5	38	75	1.0	7.5
476	UC 476	4920 (14)	50.5	38.0	1.0	35	1.0	47	76	1.0	2.8
603	UC 603	4570 (16)	51.9	38.2	1.0	31	1.0	35	75	1.5	1.5
816	MAX	1910 (23)	41.6	27.0	1.0	25	1.0	54	84	1.0	8.0
885	PATTI	4420 (18)	49.2	41.8	1.0	28	1.3	46	83	1.5	4.3
933	UC 933	5620 (3)	51.5	44.2	1.0	32	1.0	41	77	1.0	1.0
937	UC 937	5450 (8)	52.2	45.0	1.0	33	1.0	49	81	1.0	1.0
941	NEBULA	4960 (13)	50.3	40.7	1.0	31	1.0	51	83	1.0	6.0
951	MELTAN	5130 (11)	54.9	42.3	1.0	37	1.0	52	77	2.0	1.8
969	UC 969	4630 (15)	53.7	40.2	1.5	38	1.0	33	69	1.0	1.3
<u>ADVANCED LINES</u>											
1023	APB A-5	4040 (21)	50.6	39.7	2.5	41	2.5	33	68	1.0	5.5
1032	UCD 97-4286	5580 (4)	49.6	33.3	1.5	37	1.5	37	74	1.3	1.0
1046	UCD PYT99 A-19	5570 (6)	50.1	41.0	1.8	34	1.8	41	75	1.0	1.0
1047	UCD PYT99 A-13	6120 (1)	51.3	43.3	1.0	33	1.0	44	79	1.0	1.8
1048	UCD PYT99 A-25	5130 (10)	52.1	42.5	1.0	32	1.0	45	79	1.0	1.0
1050	UCD PYT99 C-3	5570 (5)	49.1	44.4	1.0	33	1.0	46	81	1.0	2.0
1052	WWW BA8017	3990 (22)	44.5	33.9	1.0	34	1.0	55	84	1.3	4.8
1063	UC 1032R	6040 (2)	50.3	36.0	1.0	34	1.5	40	75	1.3	1.0
1064	YU 597-390	5200 (9)	55.8	43.3	1.0	33	3.0	45	69	1.8	1.3
1065	YU 597-399	5530 (7)	56.3	41.6	1.3	36	1.3	45	73	2.0	1.5
1066	APB A-5 EARLY	4450 (17)	51.6	38.2	1.8	40	2.0	37	69	1.0	4.0
1067	APB C-26	5080 (12)	48.4	47.0	1.0	34	1.0	41	69	1.0	3.8
1068	APB C-15	4250 (19)	45.1	43.7	1.0	34	1.5	50	84	1.0	4.3
	MEAN	4880	50.4	40.2	1.2	34	1.4	44	76	1.2	2.9
	CV	8.3	2.3	4.6	25.4	5.2	34.4	4.7	2.2	33.8	21.9
	LSD (.05)	570	2.4	3.8	0.4	4	0.7	3	2	0.6	0.9

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.