

TABLE 6. 2001 KINGS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000 Kernel Wt (g)	Shatter	Plant Ht (in)	Lodging (soft dough)	Lodging (harvest)	BYDV	Net Blotch	Stripe Rust
<u>CULTIVARS</u>											
1	ARIVAT	3180 (23)	47.6	43.6	1.5	48	6.3	6.5	2.5	1.5	2.3
476	UC 476	4860 (15)	50.3	44.3	1.0	39	3.3	2.8	1.0	1.0	1.3
603	UC 603	4340 (19)	48.9	36.2	1.0	36	1.0	1.8	1.0	1.0	1.0
816	MAX	3390 (22)	42.5	31.1	1.0	34	1.0	2.3	1.0	1.0	4.5
885	PATTI	5800 (5)	48.3	44.1	1.0	34	1.0	1.0	1.5	1.0	1.8
933	UC 933	5760 (7)	50.2	46.3	1.0	41	1.0	1.8	1.0	1.0	1.0
937	UC 937	5740 (8)	50.6	48.4	1.0	42	1.0	1.0	1.0	1.0	1.0
941	NEBULA	6060 (3)	51.7	48.0	1.0	39	1.0	1.0	1.0	1.0	2.3
951	MELTAN	4170 (20)	54.9	44.0	1.0	37	1.0	1.3	2.3	1.0	1.3
969	UC 969	5620 (10)	51.5	42.4	1.0	43	1.0	1.0	1.0	1.0	1.5
<u>ADVANCED LINES</u>											
1023	APB A-5	4130 (21)	49.8	45.2	2.8	48	3.8	3.3	1.8	1.0	3.3
1032	UCD 97-4286	6180 (1)	49.8	37.4	1.0	43	1.0	1.5	1.3	1.0	1.0
1046	UCD PYT99 A-19	5790 (6)	49.2	44.8	1.8	44	1.3	1.3	1.5	1.0	1.0
1047	UCD PYT99 A-13	6100 (2)	50.2	47.4	1.0	42	1.0	1.0	1.0	1.0	1.0
1048	UCD PYT99 A-25	5530 (11)	50.8	46.1	1.0	40	1.0	1.0	1.0	1.0	1.0
1050	UCD PYT99 C-3	5920 (4)	47.2	46.3	1.0	41	1.0	1.0	1.0	1.0	1.0
1052	WWW BA8017	4450 (18)	45.9	38.3	1.0	38	1.0	1.0	1.3	1.0	3.3
1063	UC 1032R	5210 (13)	49.5	38.7	1.5	45	3.0	3.3	1.5	1.0	1.0
1064	YU 597-390	4550 (16)	52.5	45.1	1.5	44	3.0	3.3	1.5	1.0	1.0
1065	YU 597-399	5330 (12)	55.0	44.2	1.3	40	1.0	1.3	1.5	1.0	1.0
1066	APB A-5 EARLY	4540 (17)	49.3	44.3	1.8	47	2.0	2.3	2.0	1.0	3.0
1067	APB C-26	5050 (14)	48.0	52.6	1.8	41	1.8	4.3	1.3	1.0	2.0
1068	APB C-15	5660 (9)	48.7	54.4	1.0	44	1.0	1.0	1.0	1.0	2.0
	MEAN	5100	49.7	44.0	1.3	41	1.7	2.0	1.3	1.0	1.7
	CV	8.8	2.7	3.8	30.5	5.3	55.1	50.7	42	11.8	42.1
	LSD (.05)	640	2.8	3.5	0.5	4	1.3	1.4	0.8	0.2	1.0

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.