

TABLE 10. 2004 KINGS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000			Lodging		BYDV	Net Blotch	Leaf Rust	Stripe Rust
				Kernel Wt (g)	Plant Ht (in)	soft dough	harvest					
<u>CULTIVARS</u>												
603	UC 603	4140 (17)	51.6	40.4	32	4.5	4.5	1.5	1.0	1.0	1.0	
816	MAX	4330 (14)	53.1	47.8	32	5.0	5.0	1.0	1.0	1.0	4.0	
885	PATTI	4300 (16)	53.8	47.4	37	6.0	6.8	1.0	1.0	1.0	1.0	
933	UC 933	3890 (21)	53.0	43.0	30	6.3	6.0	1.0	1.0	1.0	1.0	
937	UC 937	3790 (22)	51.5	46.9	25	6.3	6.8	2.3	1.0	1.0	1.0	
951	MELTAN	1300 (28)	54.3	41.0	35	4.3	7.5	4.0	2.8	1.0	1.0	
969	UC 969	3990 (20)	53.7	44.1	38	5.0	5.0	1.0	1.0	1.0	1.0	
1085	COMMANDER	3750 (23)	54.9	46.9	34	5.5	6.5	1.0	1.0	2.0	2.8	
1137	TRADITION	2380 (27)	53.9	37.6	30	7.0	7.0	1.5	1.0	1.0	1.0	
<u>ADVANCED LINES</u>												
1047	UCD PYT99 A-13	4430 (12)	52.3	44.2	27	6.8	5.8	1.3	1.0	1.0	1.0	
1090	UCD PYT01 C6	4140 (18)	53.0	47.2	34	7.0	6.5	1.8	1.0	1.0	1.0	
1095	23 IBYT 7	4840 (6)	50.8	45.4	32	7.0	6.5	1.0	1.0	1.0	1.0	
1108	UCD C108	4490 (9)	52.5	47.6	34	6.3	5.8	1.3	1.0	1.0	1.0	
1109	UCD C109	5260 (3)	51.1	48.9	36	6.8	6.0	1.3	1.0	1.0	1.0	
1111	UCD C122	5400 (2)	50.8	47.7	34	6.5	4.5	1.0	1.0	1.0	1.0	
1115	UCD C135	4450 (11)	54.8	45.8	31	6.8	6.5	1.0	1.0	1.0	1.0	
1116	UCD C140	5020 (5)	52.4	47.4	30	6.0	5.3	1.0	1.0	1.0	1.0	
1117	UCD C142	4470 (10)	52.4	47.8	38	4.3	4.8	1.5	1.0	1.0	1.0	
1118	UCD C147	4590 (8)	50.9	47.0	38	6.3	6.0	1.0	1.0	1.0	1.0	
1121	WPB DA 599-021	4310 (15)	51.9	49.1	36	7.0	6.0	1.3	1.0	1.0	1.0	
1131	UCD YP03-9/16	5440 (1)	51.0	49.5	29	5.5	4.5	1.3	1.0	1.0	1.0	
1132	UCD YP03-8/16	5120 (4)	52.1	50.7	36	5.8	4.5	1.0	1.0	1.0	1.0	
1133	UCD YP03-9/9	4420 (13)	53.1	46.1	29	6.5	4.8	1.5	1.0	1.0	1.0	
1134	UCD YP03-9/3	4590 (7)	60.3	43.5	29	5.5	5.5	1.8	1.0	1.0	1.0	
1135	UCD YP03-8/2	3640 (24)	58.2	46.1	33	7.0	6.8	1.3	1.0	1.0	1.0	
1136	UCD YP03-9/2	4030 (19)	58.7	43.6	35	4.5	3.3	1.3	1.0	1.0	1.0	
1138	6B98-9339	2800 (26)	54.5	38.8	38	5.3	6.3	1.0	1.0	1.0	1.0	
1140	APB BB-409	2840 (25)	55.5	39.0	28	7.3	7.8	1.5	1.0	1.0	1.0	
	MEAN	4150	53.4	45.4	33	6.0	5.8	1.4	1.1	1.0	1.2	
	CV	15.2	1.7	5.9	13.5	19.8	17.9	40.9	17.0	36.5	53.7	
	LSD (.05)	890	1.8	5.5	-	1.7	1.5	0.8	0.3	-	0.9	

Rating scale for diseases (area of flag-1 leaf affected) 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.