

TABLE 7. 1999 KINGS BARLEY TEST

ENTRY	YIELD (lbs/acre)	TEST	1000	PLANT		LODGING	LODGING (harvest)	BYDV	NET	STRIPE	
		WT (lbs/bu)	KERNEL WT (grams)	HT (in)	SHATTER	(soft) (dough)			BLOTCH	RUST	
<i>CULTIVARS</i>											
1	ARIVAT	5630 (28)	49.1	49.5	1.0	48	5.5	5.3	1.3	1.8	4.0
476	UC 476	6750 (20)	50.7	45.7	1.0	38	4.3	3.5	1.0	1.0	2.0
603	UC 603	6450 (24)	51.7	38.3	1.0	41	1.3	1.5	1.0	1.5	1.0
816	MAX	3810 (33)	42.7	30.7	1.0	39	5.5	7.0	1.0	1.0	7.0
885	PATTI	7300 (13)	47.6	42.4	1.0	38	2.3	3.3	1.0	1.0	1.5
937	UC 937	7100 (16)	50.7	47.9	1.0	43	4.3	2.8	1.0	1.0	1.0
941	NEBULA	7600 (08)	51.6	49.7	1.0	43	2.0	3.5	1.0	1.0	5.3
<i>ADVANCED LINES</i>											
932	UCD 92-10588	6480 (23)	45.8	42.2	1.0	44	5.0	5.5	1.0	1.0	1.5
933	UCD 92-10585	7720 (06)	49.9	44.5	1.0	44	4.0	3.5	1.0	1.0	1.0
956	WWW 2391	7210 (14)	52.0	46.3	1.0	39	4.0	5.5	1.0	1.0	1.3
969	UCD 95-2407	8040 (04)	52.5	42.1	1.0	45	3.8	2.5	1.0	1.0	1.0
997	APB A-15	7530 (10)	51.3	50.8	1.0	45	2.0	2.0	1.3	1.3	1.5
999	APB A-20	8330 (02)	48.8	41.6	1.0	42	1.0	1.8	1.0	1.0	2.3
1000	APB A-25	7090 (17)	49.8	49.4	1.3	45	1.5	1.8	1.0	1.0	1.8
1017	PH 596-013	6480 (22)	44.3	43.0	1.0	39	5.0	5.5	1.0	1.0	1.5
1018	PH 596-086	7840 (05)	52.9	47.0	1.0	40	1.5	2.5	1.0	1.8	1.5
1019	2B94-5337	7000 (18)	52.2	48.6	1.3	51	3.8	3.0	1.0	1.0	2.5
1020	2B96-5052	5280 (30)	53.3	47.7	1.3	47	5.0	4.3	1.3	1.0	1.3
1021	6B94-7378	4530 (32)	53.5	43.3	2.8	51	3.5	3.3	1.5	1.0	3.5
1022	6B94-8253	4570 (31)	53.4	46.9	4.0	55	5.0	4.3	1.3	1.0	3.3
1023	APB A-5	7610 (07)	50.4	48.2	1.0	43	1.0	1.5	1.0	1.0	1.0
1024	APB A-7	8080 (03)	51.0	44.8	1.0	42	1.0	1.3	1.0	1.0	1.5
1025	APB A-27	7570 (09)	49.4	47.5	1.3	42	2.0	3.3	1.0	1.0	1.8
1026	WWW 4215	5910 (26)	44.1	38.1	1.0	43	5.8	5.8	1.0	1.0	2.8
1027	WWW 6112	5710 (27)	44.1	36.3	1.0	45	2.5	3.3	1.0	1.0	5.8
1028	UCD 95-1499	6620 (21)	51.4	43.3	1.0	46	4.0	2.8	1.0	1.0	1.3
1029	UCD 95-3804	6110 (25)	44.5	39.8	1.0	41	6.0	6.5	1.0	1.0	1.3
1030	UCD 95-3917	7150 (15)	49.8	39.2	1.0	50	5.5	4.3	1.0	1.0	1.0
1031	UCD 95-4209	6770 (19)	49.4	51.4	1.3	48	1.8	2.0	1.0	1.0	1.5
1032	UCD 97-4286	8590 (01)	50.4	39.8	1.3	46	2.5	2.8	1.3	1.0	1.0
1033	UCD 97-4420	7460 (12)	50.8	46.7	1.3	53	5.0	4.3	1.0	1.0	1.0
1034	20 IBYT 9	5590 (29)	53.7	49.0	1.8	51	4.5	4.8	1.3	1.0	1.0
1035	23 IBON 5	7510 (11)	54.0	54.1	1.3	45	3.8	3.0	1.3	1.0	1.0
MEAN		6770	49.9	44.7	1.2	44	3.5	3.6	1.1	1.1	2.0
CV		12.2	3.0	5.6	29.8	3.5	42.5	42.9	23.7	25.6	37.5
LSD (.05)		1160	3.1	5.1	0.5	3.0	2.1	2.1		0.4	1.1

Rating scale for diseases (area of flag-1 leaf affected at soft dough stage), 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.