

TABLE 9. 2000 KINGS BARLEY TEST

Entry Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000 Kernel Wt (g)	Shatter	Plant		Lodging (Harvest)	Net BYDV	Blotch	Leaf Rust	Stripe Rust	Powdery Mildew
					Ht (in)							
<u>CULTIVARS</u>												
1 ARIVAT	3180 (22)	44.9	45.6	1.3	39		7.8	1.3	1.8	1.0	3.8	1.0
476 UC 476	4200 (18)	47.3	44.4	1.0	37		2.0	1.0	1.0	1.0	2.8	1.0
603 UC 603	4690 (14)	49.0	42.7	1.0	38		1.3	1.0	1.8	1.0	1.0	1.0
885 PATTI	3870 (21)	44.6	43.0	1.0	37		1.0	1.0	1.0	4.8	2.0	1.5
933 UCD 92-10585	4820 (11)	47.9	44.5	1.0	37		3.5	1.0	1.0	1.0	1.0	1.0
937 UC 937	5150 (06)	48.5	46.6	1.0	36		4.8	1.0	1.0	1.0	1.0	1.0
941 NEBULA	4210 (17)	48.8	47.9	1.0	38		2.8	1.0	1.0	1.0	5.3	1.0
951 MELTAN	4270 (16)	47.8	43.0	1.8	37		2.8	2.0	1.0	1.0	1.5	1.0
<u>ADVANCED LINES</u>												
969 UCD 95-2407	4710 (13)	49.9	44.2	1.0	35		2.8	1.3	1.0	1.0	1.3	1.3
999 APB A-20	5390 (05)	48.6	46.6	1.0	39		3.0	1.0	1.0	1.0	2.0	1.0
1023 APB A-5	4660 (15)	48.5	48.0	1.3	38		1.0	2.5	1.0	1.5	1.0	1.3
1024 APB A-7	5050 (08)	47.1	47.1	1.0	36		2.3	1.8	1.0	1.8	1.0	1.3
1025 APB A-27	5700 (02)	48.8	48.9	1.0	37		2.5	1.0	1.0	1.0	1.8	1.0
1032 UCD 97-4286	5750 (01)	49.6	40.5	1.0	39		6.3	1.3	1.0	1.0	1.0	1.8
1046 UCD PYT99 A-19	5410 (04)	49.9	49.8	1.3	38		2.5	1.0	1.0	1.0	1.0	1.0
1047 UCD PYT99 A-13	4730 (12)	47.8	48.0	1.0	38		2.3	1.0	1.0	1.0	1.5	1.0
1048 UCD PYT99 A-25	5620 (03)	49.1	42.9	1.0	40		1.0	1.0	1.0	1.0	2.0	1.0
1049 UCD PYT99 B-34	4870 (10)	48.0	48.4	1.0	40		3.3	1.0	1.0	1.0	1.5	1.8
1050 UCD PYT99 C-3	3980 (19)	45.5	46.8	1.3	40		1.3	1.0	1.0	1.0	2.5	1.0
1051 UCD PYT99 D-9	4940 (09)	48.6	42.5	2.3	39		4.3	1.0	1.0	1.0	1.3	1.0
1052 WWW BA8017	2780 (23)	38.3	38.4	1.0	34		3.8	1.3	1.0	2.0	4.3	2.8
1053 APB C-2	3910 (20)	47.4	43.9	1.8	38		7.0	1.0	1.0	1.0	2.5	1.0
1054 APB C-23	5150 (07)	47.9	45.8	1.5	38		7.3	1.0	1.0	1.0	1.5	1.0
MEAN	4650	47.6	45.2	1.2	37		3.3	1.2	1.1	1.3	1.9	1.2
CV	8.6	2.4	3.6	35	4.7		40.2	26.9	26.8	39.2	56.3	40.0
LSD (.05)	570	2.4	3.3	0.6			1.9	0.5	0.4	0.7	1.5	0.7

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.