

TABLE 5. 1999 UC DAVIS BARLEY TEST

ENTRY	YIELD (lbs/acre)	TEST		SHATTER	PLANT LODGING			LODGING (harvest)	DAYS TO HEADING (from 3/1)	DAYS TO MATURITY (from 3/1)	NET		STRIPE	
		WT (lbs/bu)	1000 KERNEL WT (grams)		HT (in)	(soft) (dough)	BYDV				BLOTCH	SCALD	RUST	
<i>CULTIVARS</i>														
1 ARIVAT	3910 (29)	43.2	36.6	1.0	48	4.3	5.0	42	78	1.0	1.3	2.8	6.5	
476 UC 476	5530 (25)	48.3	41.3	1.0	46	1.0	1.0	46	82	1.0	1.0	4.3	3.8	
603 UC 603	6610 (21)	50.3	41.0	1.0	41	1.0	1.0	36	79	1.3	1.0	1.3	2.3	
816 MAX	1670 (33)	37.6	28.0	1.0	33	1.0	2.8	52	87	1.0	1.0	3.5	8.0	
885 PATTI	6650 (20)	46.3	41.5	1.0	35	1.0	1.0	44	88	1.0	1.0	4.8	4.3	
937 UC 937	8270 (04)	51.1	49.0	1.0	40	1.0	1.0	48	85	1.0	1.0	1.0	1.3	
941 NEBULA	5380 (26)	44.4	39.7	1.0	39	1.0	1.5	49	86	1.0	1.0	1.0	6.8	
<i>ADVANCED LINES</i>														
932 UCD 92-10588	8280 (03)	47.7	45.0	1.0	44	1.0	1.0	43	84	1.0	1.0	1.0	2.0	
933 UCD 92-10585	8240 (05)	48.6	43.5	1.0	40	1.0	1.0	41	85	1.0	1.0	1.0	1.3	
956 WWW 2391	6740 (19)	49.0	42.7	1.0	37	1.0	1.0	40	81	1.0	1.0	4.0	3.5	
969 UCD 95-2407	7140 (10)	52.7	43.4	1.0	46	1.0	1.0	34	77	1.0	1.0	1.0	2.5	
997 APB A-15	7840 (08)	49.9	48.9	1.0	44	1.0	1.0	42	82	1.0	1.0	1.5	4.0	
999 APB A-20	7000 (15)	46.5	39.9	1.0	37	1.0	1.3	48	86	1.0	1.0	1.5	4.5	
1000 APB A-25	6980 (16)	47.5	47.5	1.0	40	1.0	1.0	42	84	1.0	1.0	1.0	4.0	
1017 PH 596-013	7140 (11)	42.8	42.4	1.0	42	1.0	1.0	42	81	1.0	1.0	1.8	2.8	
1018 PH 596-086	7090 (14)	49.2	41.5	1.0	33	1.0	1.3	44	85	1.0	1.0	3.3	3.5	
1019 2B94-5337	6210 (23)	51.1	41.8	1.0	45	1.0	2.0	43	77	1.3	1.0	8.0	4.5	
1020 2B96-5052	5230 (27)	53.3	42.6	1.3	49	3.3	3.5	46	82	1.3	1.3	1.3	1.3	
1021 6B94-7378	2090 (32)	45.7	32.6	3.8	51	2.5	4.0	42	78	1.0	1.0	7.3	7.3	
1022 6B94-8253	2560 (31)	47.5	37.8	3.8	57	1.3	1.5	45	79	1.0	1.0	3.5	6.3	
1023 APB A-5	7130 (12)	47.4	44.3	1.0	39	1.0	1.0	47	86	1.0	1.0	1.0	3.5	
1024 APB A-7	7580 (09)	48.2	42.4	1.0	37	1.0	1.0	45	85	1.0	1.0	2.3	2.5	
1025 APB A-27	6920 (18)	45.7	42.8	1.0	40	1.0	1.0	43	82	1.0	1.0	1.0	4.8	
1026 WWW 4215	5580 (24)	43.1	33.8	1.0	43	1.0	2.5	50	88	1.0	1.0	6.5	3.8	
1027 WWW 6112	3590 (30)	38.4	28.6	1.0	36	1.0	4.3	55	86	1.0	1.0	4.3	6.3	
1028 UCD 95-1499	7110 (13)	50.3	43.0	1.0	45	1.0	1.0	42	82	1.8	1.0	2.3	2.8	
1029 UCD 95-3804	7990 (07)	44.4	42.7	1.0	40	1.0	1.0	52	88	1.0	1.0	3.0	2.0	
1030 UCD 95-3917	8470 (01)	50.1	38.1	1.0	49	1.0	1.0	44	86	1.0	1.0	1.0	2.0	
1031 UCD 95-4209	6600 (22)	48.2	49.6	1.0	43	1.0	1.0	46	83	1.0	1.0	1.8	2.8	
1032 UCD 97-4286	8440 (02)	49.1	36.8	1.0	46	1.0	1.5	40	78	1.0	1.0	1.5	1.5	
1033 UCD 97-4420	8080 (06)	49.1	42.6	1.0	48	2.0	1.0	41	80	1.3	1.0	1.0	1.8	
1034 20 IBYT 9	4040 (28)	51.1	42.1	3.3	51	2.3	3.5	38	75	1.5	1.3	1.0	1.3	
1035 23 IBON 5	6920 (17)	52.0	46.4	1.0	40	1.3	1.0	42	78	1.0	1.5	1.3	1.3	
MEAN	6330	47.6	41.2	1.2	42	1.3	1.7	44	82	1.1	1.0	2.5	3.5	
CV	9.7	3.4	5.5	21.4	4.8	48.9	66.9	2.3	1.2	20.5	22.4	57.4	19.2	
LSD (.05)	860	3.3	4.6	0.4	4.0	0.9	1.5	1.0	1.0	0.3	2.0	0.9		

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.