

TABLE 6. 2000 BUTTE BARLEY TEST

Entry Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Lodging 'Soft dough'	Lodging (Harvest)	BYDV	Scald		Stripe Rust	
							4/27	5/11	4/27	5/11
<u>CULTIVARS</u>										
1 ARIVAT	4140 (19)	49.7	41	5.3	6.5	2.8	1.3	1.0	1.5	2.0
476 UC 476*	3530 (20)	52.3	33	1.0	1.3	1.5	1.0	1.0	1.0	1.0
603 UC 603*	3410 (21)	50.4	36	1.0	1.0	1.8	1.0	1.0	1.3	1.0
885 PATTI	5900 (15)	50.5	31	1.0	1.0	1.3	2.3	1.8	1.0	1.5
933 UC 933	6660 (08)	50.8	34	1.5	1.8	1.3	1.0	1.0	1.0	1.0
937 UC 937	6220 (13)	51.0	33	1.3	2.0	1.3	1.0	1.0	1.0	1.0
941 NEBULA	6830 (04)	51.5	33	1.3	2.3	1.5	1.0	1.0	2.8	2.8
951 MELTAN	5300 (17)	54.3	32	1.5	2.5	3.0	1.0	2.0	1.0	1.0
<u>ADVANCED LINES</u>										
969 UCD 95-2407	5590 (16)	52.7	36	1.3	1.3	1.0	1.0	1.0	1.0	1.3
999 APB A-20	5130 (18)	51.1	30	1.0	1.0	2.0	1.0	1.0	2.3	1.8
1023 APB A-5	6530 (10)	51.7	34	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1024 APB A-7	6670 (06)	51.4	36	1.3	1.0	1.0	1.0	1.0	1.0	1.5
1025 APB A-27	6650 (09)	51.1	33	1.3	2.0	1.3	1.0	1.0	1.3	2.5
1032 UCD 97-4286	6670 (07)	50.7	38	2.3	4.0	2.3	1.0	1.0	1.0	1.0
1046 UCD PYT99 A-19	6720 (05)	51.4	34	2.3	3.0	2.3	1.0	1.0	1.0	1.0
1047 UCD PYT99 A-13	7010 (02)	51.4	36	1.5	1.8	1.0	1.0	1.0	1.0	1.0
1048 UCD PYT99 A-25	6280 (12)	51.9	33	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1049 UCD PYT99 B-34	6210 (14)	50.6	37	1.8	2.0	1.3	1.0	1.0	1.0	1.0
1050 UCD PYT99 C-3	6930 (03)	50.1	37	1.5	2.8	1.8	1.0	1.0	1.0	1.0
1051 UCD PYT99 D-9	6480 (11)	50.1	39	2.5	4.3	3.0	1.0	1.0	1.0	1.0
1052 WWW BA8017	7170 (01)	52.0	31	1.3	1.3	1.3	1.5	1.8	1.5	3.0
MEAN	6000	51.3	34	1.6	2.1	1.6	1.1	1.1	1.2	1.4
CV	11.7	1.0	8.7	49.3	59.8	38.5	29.2	42.5	51.4	63.6
LSD (.05)	1000	1.1		1.1	1.8	0.9	0.5		0.9	1.3

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

* Entries UC 476 and UC 603 were injured by Hoelon herbicide