

TABLE 4. 1998 BUTTE BARLEY TEST

ENTRY	YIELD LBS/ACRE	TEST WT (LBS/BU)	1000 KERNEL		SHATTER	PLANT HT (IN)	LODGING		NET		LEAF RUST	STRIPE RUST
			WT (GMS)				HARVEST	BYDV	BLOTCH	SCALD		
1	ARIVAT	2990 (29)	44.3	42.5	2.5	46	6.0	1.3	1.0	4.8	1.3	3.0
476	UC 476	4900 (08)	46.5	41.5	2.0	45	2.5	1.0	1.3	4.5	1.0	1.8
603	UC 603	4030 (20)	46.2	39.3	1.3	37	1.0	1.5	2.5	1.5	1.3	1.8
816	MAX	1830 (32)	36.2	29.1	2.0	31	4.5	1.0	1.8	4.8	1.3	4.8
885	PATTI	3900 (22)	44.9	43.0	1.5	34	4.0	1.3	1.0	5.8	1.5	2.3
907	B1614	3830 (24)	48.6	39.6	4.3	48	6.3	1.0	1.0	4.5	1.5	2.8
932	UCD 92-10588	5940 (04)	44.8	42.6	2.8	45	6.3	1.0	1.0	1.0	1.0	1.8
933	UCD 92-10585	5180 (07)	44.8	42.1	3.8	39	6.5	1.0	1.0	1.8	1.8	1.5
937	UCD 92-10615	4860 (09)	46.2	41.8	3.0	40	8.0	1.0	1.0	1.0	1.0	1.0
941	NEBULA	4820 (11)	46.5	49.1	1.3	40	2.5	1.0	1.0	1.0	1.0	4.0
944	BARETTA	3810 (25)	41.2	33.5	1.5	36	5.5	1.0	1.0	6.8	1.0	5.0
956	BA 2391	3850 (23)	44.0	34.2	3.5	38	7.0	1.3	1.0	6.5	1.5	5.0
969	UCD 95-2407	5470 (05)	50.0	45.5	1.8	44	2.8	1.0	1.0	1.0	1.0	2.8
977	MERIT	3420 (26)	50.1	42.4	3.3	42	5.8	1.0	1.0	8.0	1.0	2.5
983	CALIBER	3260 (27)	45.7	39.2	1.8	38	5.3	1.0	1.3	2.5	1.0	4.3
984	WWW BA 8063	2810 (30)	39.3	31.2	1.8	36	6.0	1.5	3.5	6.8	1.3	4.5
985	WWW BA 4537	2530 (31)	40.6	32.8	3.8	40	4.3	1.0	1.0	8.0	1.0	5.5
986	WWW BA 4513	4190 (17)	44.2	36.7	2.5	46	8.0	1.0	1.0	4.8	2.0	1.5
987	WWW BA 2009	3010 (28)	42.0	33.5	2.3	35	7.8	1.0	1.8	5.0	1.0	5.3
988	BWR BR B971	4170 (18)	44.3	40.1	2.3	37	6.5	1.0	2.5	2.0	1.3	4.3
989	UCD 95-3167	4790 (13)	50.1	41.1	1.8	44	6.0	1.5	1.0	1.5	1.0	2.0
990	UCD 95-1540	4660 (14)	49.2	36.8	2.3	40	4.8	1.3	1.3	1.3	1.0	1.3
991	UCD 95-1398	5200 (06)	48.6	40.3	2.0	38	2.8	1.0	1.3	1.3	1.0	1.3
992	IBYT 90-84	4830 (10)	48.4	42.5	3.3	46	6.3	1.0	1.0	1.5	1.0	1.0
993	CMB 89A-915	4320 (15)	49.6	53.4	3.3	46	4.3	1.0	1.0	1.0	1.0	1.0
994	CMB 89A-952	4040 (19)	51.6	49.0	2.5	45	4.5	1.0	1.0	1.0	1.0	1.3
995	CMB 90A-362	4230 (16)	50.6	40.6	3.5	46	3.5	1.0	1.0	1.0	1.0	1.0
996	CMB 90A-761	3980 (21)	49.8	51.0	2.8	46	3.8	1.3	1.3	1.3	1.0	1.0
997	APB A-15	6400 (03)	46.4	48.4	1.8	42	4.8	1.0	1.3	1.8	1.0	2.8
998	APB A-18	4800 (12)	46.7	43.6	4.5	44	5.8	1.0	1.0	1.0	1.0	1.8
999	APB A-20	6700 (01)	47.4	44.9	1.3	37	2.3	1.0	1.0	2.0	1.0	3.0
1000	APB A-25	6510 (02)	46.3	47.7	1.0	41	5.0	1.0	1.0	2.0	1.0	2.3
MEAN		4350	46.1	41.2	2.4	41	5.0	1.1	1.3	3.1	1.1	2.6
CV		14.1	4.2	8.0	30.5	4.1	24.8	30.4	43.7	41.7	45.4	37.4
LSD (.05)		860	4.0	6.7	1.0	3	1.7		0.8	1.8		1.4

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.