

Table 38. 2014 UC Davis Rainfed Barley

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Days To		Lodging		Shatter	Stripe Rust 4/23	BYDV 4/23
				Kernel Wt (g)	Plant Ht (in)	Heading From (3/1)	Maturity	Soft Dough	Harvest			
CULTIVARS												
603	UC 603	5190 (6)	51.1	36.5	38	36	74	1.0	1.8	1.0	1.0	1.0
816	MAX	3260 (25)	50.0	32.7	33	53	77	1.0	1.8	1.0	1.5	1.0
933	UC 933	4450 (11)	46.6	31.5	38	37	72	1.3	3.8	1.0	1.0	1.0
969	UC 969	5330 (3)	53.0	38.7	41	37	73	2.8	4.5	1.0	1.0	1.3
1047	ISHI	5200 (5)	47.6	35.5	43	40	76	1.0	6.3	1.0	1.0	1.0
1134	TAMALPAIS	5040 (7)	45.6	28.1	35	39	72	1.0	1.5	1.0	1.0	1.0
ADVANCED LINES												
161	UCD UFRGS-028152	2900 (28)	36.6	27.0	49	48	74	1.0	3.5	1.0	1.0	1.0
1255	UCD B369	4710 (10)	47.4	36.8	41	42	74	1.0	1.8	1.0	1.0	1.0
1256	UCD B398	4440 (12)	46.5	34.7	40	41	71	1.0	2.3	1.0	1.0	1.0
1260	UCD B372	5010 (8)	48.0	36.5	41	42	75	1.5	2.8	1.0	1.0	1.0
1261	UCD A237	4260 (15)	46.5	35.2	40	45	74	2.5	4.3	1.0	1.0	1.0
1280	UCD 1280	4070 (18)	49.7	36.8	45	38	73	5.0	7.0	1.0	1.0	1.0
1317	UCD 1317	4210 (17)	44.5	29.1	40	47	75	1.0	3.3	1.0	1.0	1.3
1318	UCD 1318	3940 (19)	50.7	38.0	41	43	76	1.0	4.3	1.0	1.0	1.0
1319	UCD 1319	3400 (23)	47.8	27.1	39	49	74	1.0	3.5	1.0	1.0	1.0
1321	UCD 1321	3260 (24)	49.1	31.9	41	50	74	1.0	3.3	1.0	1.0	1.0
1351	UCD UYP 210	5470 (1)	43.5	30.0	39	42	74	1.0	3.3	1.0	1.0	1.0
1355	UCD K1-11C	2720 (29)	44.9	36.8	48	39	71	1.5	5.3	3.0	1.0	1.0
1356	UCD K2-A	3130 (26)	45.8	36.1	48	46	74	2.3	6.0	3.3	1.0	1.0
1357	UCD K3-4H	3900 (20)	47.7	37.2	47	41	73	1.3	5.5	2.8	1.0	1.0
1358	UCD K11-B	3680 (21)	47.7	34.0	47	40	72	1.5	3.0	2.8	1.0	1.0
1378	11MQ31	3130 (26)	52.1	42.9	45	42	72	4.0	6.5	1.0	1.0	1.0
1379	UCD UYP3	4910 (9)	47.7	34.8	42	42	74	1.3	5.3	1.0	1.0	1.0
1380	UCD UYP2	4350 (13)	50.1	31.0	43	38	73	3.3	7.0	1.3	1.0	1.0
1381	UCD UYP306	3640 (22)	45.5	28.3	36	49	77	1.0	4.0	1.0	1.0	1.0
1382	UCD UPY275	4260 (14)	46.9	36.3	43	41	74	1.3	4.8	1.0	1.0	1.0
1383	UCD UYP210	4220 (16)	43.1	30.0	41	42	74	1.0	4.3	1.0	1.0	1.0
1384	UCD 08YP 111 (1231 EARLY)	5310 (4)	50.1	40.8	43	39	75	1.3	4.0	1.0	1.0	1.0
1385	UCD 08YP 111 (1231 LATE)	5360 (2)	47.6	39.5	42	41	76	1.0	3.3	1.0	1.0	1.0
MEAN		4230	47.3	34.3	41	42	74	1.6	4.0	1.3	1.0	1.0
CV		19.97	6.4	9.1	6.93	4.37	3.69	46.6	44.8	22.3	18.3	12.7
LSD (0.05)		1224.1	4.4	4.5	4.15	2.68	ns	1.1	2.6	0.4	ns	ns

Rating scale for diseases (area of flag-1 leaf affected), 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.