

2012 Chico Rainfed Barley Trial

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Lodging		BYDV	Net Blotch	Scald
					Soft Dough	Harvest			
<u>CULTIVARS</u>									
603	UC 603	3650 (21)	50.8	29	1.0	1.0	1.0	1.0	1.0
816	MAX	2420 (33)	48.6	21	1.0	1.0	1.0	1.5	1.5
933	UC 933	4370 (8)	49.5	31	1.0	2.3	1.0	1.0	1.0
951	MELTAN	3080 (28)	51.9	31	1.0	1.0	1.5	1.0	1.5
969	UC 969	4140 (12)	53.2	30	1.0	1.5	1.0	1.0	1.0
1047	ISHI	4510 (6)	48.4	26	1.0	1.5	1.0	1.0	1.0
1134	TAMALPAIS	3960 (16)	48.8	28	1.0	1.5	1.0	1.0	1.0
<u>ADVANCED LINES</u>									
1231	UCD 08YP 111	3810 (19)	48.0	33	1.0	1.8	1.0	1.0	1.0
1237	WWW BA4513	3180 (27)	45.5	32	1.0	1.5	1.0	1.0	1.8
1249	UCD B110	5070 (1)	49.4	30	1.0	1.3	1.0	1.0	1.0
1252	UCD B156	3890 (18)	48.6	30	1.0	1.5	1.0	1.0	1.0
1255	UCD B369	3980 (14)	47.0	29	1.0	1.5	1.0	1.0	1.0
1256	UCD B398	4950 (2)	47.8	32	1.0	1.3	1.0	1.0	1.0
1258	UCD A34	3430 (22)	47.3	34	1.0	1.3	1.0	1.0	1.0
1259	UCD B366	4920 (3)	47.9	36	1.0	2.0	1.0	1.0	1.0
1260	UCD B372	4910 (4)	46.6	33	1.0	1.8	1.0	1.0	1.0
1261	UCD A237	3920 (17)	46.6	31	1.0	2.5	1.0	1.0	1.0
1263	UCD C43	2610 (32)	48.6	29	1.0	1.3	1.0	1.0	1.0
1266	UCD C51	2860 (30)	50.5	31	1.0	1.3	1.0	1.0	1.0
1279	UCD 1279	4060 (13)	50.4	33	1.0	1.5	1.0	1.0	1.0
1280	UCD 1280	3980 (15)	53.4	36	3.0	3.0	1.0	1.0	1.0
1284	UCD 1284	4770 (5)	45.4	33	1.0	1.5	1.3	1.0	1.0
1286	UCD 1286	3200 (26)	43.0	28	1.0	1.8	1.0	1.0	1.0
1316	UCD 1316	4260 (9)	40.9	30	1.0	1.3	1.0	1.0	1.0
1317	UCD 1317	3310 (25)	45.3	30	1.0	1.3	1.0	1.0	1.0
1318	UCD 1318	2920 (29)	50.0	30	1.0	1.3	1.0	1.0	1.0
1319	UCD 1319	2340 (34)	45.8	27	1.0	1.0	1.0	1.0	1.0
1320	UCD 1320	3710 (20)	43.5	27	1.0	1.3	1.0	1.0	1.3
1321	UCD 1321	3320 (24)	42.4	30	1.0	1.3	1.0	1.0	1.0
1322	UCD 1322	4390 (7)	55.1	30	1.5	2.5	1.0	1.0	1.0
1323	UCD 1323	4240 (10)	56.0	34	1.0	1.8	1.0	1.0	1.0
1324	UCD 1324	2680 (31)	55.1	27	1.0	1.0	2.0	1.0	1.0
1325	UCD 1325	4180 (11)	52.4	34	1.8	2.0	1.0	1.0	1.0
1326	WWW BA4545	3330 (23)	43.7	28	1.0	1.0	1.0	1.0	1.8
1327	GEBSE	1990 (35)	51.0	39	1.0	1.8	1.0	1.0	1.0
MEAN		3720	48.5	30	1.1	1.5	1.1	1.0	1.1
CV		30.9	3.9	13.2	51.7	51.8	25.4	16.7	31.9
LSD (.05)		1610	3.9	ns	0.8	ns	0.4	ns	ns

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