

2012 Clarksburg Barley Trial

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000 Kernel Wt (g)	Plant Ht (in)	Lodging	Lodging Harvest	Shatter	BYDV
CULTIVARS									
603	UC 603	6040 (23)	51.8	39.9	34	1.0	2.0	2.0	1.5
816	MAX	6370 (18)	56.5	49.4	33	1.0	3.3	1.8	1.0
933	UC 933	7840 (6)	51.5	42.8	36	1.3	2.8	2.3	1.8
951	MELTAN	5070 (29)	53.5	35.7	36	1.5	3.8	2.5	4.5
969	UC 969	5210 (28)	53.9	45.6	40	1.8	2.3	3.0	1.3
1047	ISHI	7890 (5)	52.5	45.3	36	1.3	3.3	2.8	1.0
1134	TAMALPAIS	7050 (11)	57.3	39.4	32	1.0	2.0	2.0	1.3
ADVANCED LINES									
1231	UCD 08YP 111	7340 (9)	52.3	46.6	38	1.8	3.3	2.8	1.3
1237	WWW BA4513	6210 (21)	53.6	41.4	39	4.8	5.5	2.5	1.0
1249	UCD B110	6800 (14)	52.9	52.2	38	1.0	2.5	3.0	1.3
1252	UCD B156	6590 (16)	52.9	48.6	41	1.0	3.0	2.8	1.0
1255	UCD B369	8000 (2)	52.2	49.5	39	1.0	2.3	2.0	1.3
1256	UCD B398	8170 (1)	52.8	48.5	40	1.0	2.0	2.5	1.3
1258	UCD A34	6840 (13)	52.3	50.2	39	1.0	2.5	2.3	1.0
1259	UCD B366	6370 (17)	51.6	51.5	42	1.0	2.5	2.8	1.3
1260	UCD B372	7970 (3)	52.7	46.4	38	1.0	2.5	2.8	1.5
1261	UCD A237	7830 (7)	51.5	42.8	37	1.0	2.5	2.8	1.5
1263	UCD C43	6610 (15)	55.1	41.2	38	1.0	2.3	2.5	1.0
1266	UCD C51	7200 (10)	53.6	40.7	35	1.0	3.0	2.5	1.0
1279	UCD 1279	5240 (27)	53.1	39.7	40	6.0	5.5	3.5	1.5
1280	UCD 1280	6840 (12)	51.4	40.4	38	5.3	6.0	2.8	1.0
1284	UCD 1284	7490 (8)	52.2	44.2	39	1.3	3.0	2.8	1.3
1286	UCD 1286	7970 (4)	52.0	45.3	36	1.0	2.5	2.5	2.8
1316	UCD 1316	5420 (26)	50.1	34.7	37	5.0	6.8	3.0	1.0
1318	UCD 1318	6340 (19)	53.0	41.2	35	3.3	5.3	2.8	1.0
1319	UCD 1319	5440 (25)	52.7	37.1	36	3.5	4.8	3.0	1.0
1320	UCD 1320	6170 (22)	44.3	32.2	38	1.0	3.5	2.3	1.0
1321	UCD 1321	5870 (24)	50.8	37.5	34	1.0	2.5	2.8	1.0
1322	UCD 1322	5050 (30)	56.8	39.8	38	5.8	6.3	3.3	1.5
1324	UCD 1324	3200 (32)	55.4	42.3	40	5.5	5.8	4.8	1.8
1325	UCD 1325	4140 (31)	56.5	40.9	41	5.3	5.5	3.0	1.8
1326	WWW BA4545	6210 (20)	51.8	38.7	37	3.5	3.8	2.5	1.0
1327	GEBSE	3070 (33)	52.4	58.2	45	5.8	7.0	3.8	1.0
	MEAN	6360	52.8	43.3	37	2.4	3.7	2.7	1.4
	CV	10.6	1.5	4.6	5.3	25.7	27.3	25.4	38.4
	LSD (.05)	950	1.6	4.1	4	0.9	1.4	1.0	0.7

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.