

2012 Fresno Barley Trial

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Lodging		Shatter	Stripe Rust	Leaf Rust	BYDV	Powdery Mildew
					Soft Dough	Harvest					
<u>CULTIVARS</u>											
603	UC 603	3750 (31)	51.8	36	1.0	0.8	1.0	1.0	1.0	1.0	1.0
816	MAX	4950 (16)	54.3	31	1.0	1.3	1.0	2.3	2.0	1.0	1.3
933	UC 933	4620 (21)	52.8	38	1.0	1.2	1.0	1.0	1.0	1.0	1.3
951	MELTAN	4000 (27)	56.6	29	1.0	1.0	1.0	1.3	1.0	4.3	1.0
969	UC 969	4560 (23)	54.6	40	1.0	1.3	1.3	1.0	1.5	1.3	1.0
1047	ISHI	6120 (4)	53.4	37	1.0	1.3	1.0	1.0	1.0	1.0	1.0
1134	TAMALPAIS	4420 (24)	60.1	33	1.0	1.2	1.0	1.0	1.0	1.0	1.0
<u>ADVANCED LINES</u>											
1231	UCD 08YP 111	6140 (3)	52.5	41	1.0	1.0	1.0	1.0	1.0	1.0	1.0
1237	WWW BA4513	5280 (13)	53.2	39	1.0	1.0	1.0	1.0	3.0	1.0	4.0
1249	UCD B110	5810 (8)	51.8	41	1.0	1.5	1.0	1.0	1.0	1.0	1.0
1252	UCD B156	4880 (19)	52.8	41	1.0	2.1	1.0	1.0	1.0	1.0	1.0
1255	UCD B369	6150 (2)	52.2	41	1.0	1.1	1.0	1.0	1.0	1.0	1.0
1256	UCD B398	5640 (10)	52.9	38	1.0	2.2	1.0	1.0	1.0	1.0	1.0
1258	UCD A34	5590 (11)	51.6	42	1.0	0.9	1.5	1.0	1.0	1.0	1.0
1259	UCD B366	6000 (6)	52.3	44	1.0	1.3	1.0	1.0	1.0	1.0	1.0
1260	UCD B372	5910 (7)	51.7	40	1.0	2.3	1.3	1.0	1.3	1.0	1.0
1261	UCD A237	5680 (9)	51.3	40	1.0	1.9	1.0	1.0	1.0	1.0	1.0
1263	UCD C43	2900 (34)	60.3	41	1.0	1.8	1.0	1.0	1.0	1.0	1.0
1266	UCD C51	3900 (28)	60.3	39	1.0	0.9	1.0	1.0	1.0	1.0	1.0
1279	UCD 1279	4560 (22)	53.4	42	1.0	1.5	2.8	1.0	1.3	1.5	1.0
1280	UCD 1280	4930 (17)	52.9	48	2.3	2.6	2.5	1.0	1.0	1.0	1.0
1284	UCD 1284	6060 (5)	52.3	41	1.0	3.0	1.0	1.0	1.0	1.0	1.0
1286	UCD 1286	6170 (1)	51.2	40	1.0	1.9	1.0	1.0	1.0	1.3	1.0
1316	UCD 1316	3820 (30)	61.3	35	1.0	2.3	1.0	1.0	1.0	1.0	1.0
1317	UCD 1317	4880 (20)	59.8	36	1.0	1.8	1.0	1.0	1.0	1.0	1.3
1318	UCD 1318	3640 (32)	55.2	40	1.0	2.1	1.0	1.0	1.0	1.0	1.0
1319	UCD 1319	4400 (25)	61.1	38	1.0	1.6	1.0	1.0	1.0	1.0	1.0
1320	UCD 1320	4990 (15)	59.1	35	1.0	1.9	1.0	1.0	1.0	1.0	1.0
1321	UCD 1321	3820 (29)	60.0	36	1.0	1.2	1.0	1.0	1.0	1.0	1.0
1322	UCD 1322	4920 (18)	56.7	39	2.3	2.9	2.0	1.0	1.0	1.0	1.0
1323	UCD 1323	5020 (14)	57.7	40	1.8	2.2	1.1	1.0	1.0	1.5	1.0
1324	UCD 1324	3490 (33)	56.7	40	1.0	1.7	2.5	2.8	1.0	2.0	1.5
1325	UCD 1325	4290 (26)	56.4	42	2.3	3.8	1.3	1.0	1.0	1.0	1.0
1326	WWW BA4545	5540 (12)	53.8	36	1.0	2.6	1.0	1.3	2.3	1.0	2.3
1327	GEBSE	2400 (35)	52.3	53	3.0	4.5	4.0	1.0	1.3	1.8	1.0
MEAN		4990	55.1	39	1.2	1.8	1.2	1.1	1.2	1.2	1.2
CV		9.6	1.3	3.8	52.8	48.2	31.8	15.4	31.9	24.9	31.7
LSD (.05)		680	1.1	3	0.9	1.2	0.6	0.2	0.5	0.4	0.5

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.