

2012 UC Davis Barley Trial

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	1000		Days To		Lodging Harvest	Shatter	Stripe Rust	Leaf Rust	BYDV	Net Blotch
				Kernel Wt (g)	Plant Ht (in)	Heading From (1/1-3/1)	Maturity						
<u>CULTIVARS</u>													
603	UC 603	5250 (26)	50.3	38.7	31	37	76	1.0	1.0	1.0	1.0	1.0	1.0
816	MAX	6190 (14)	52.8	39.9	28	51	87	1.8	1.5	2.8	1.5	1.0	1.3
933	UC 933	5860 (17)	49.6	40.3	31	38	82	2.8	1.5	1.0	1.0	1.0	1.0
951	MELTAN	4880 (33)	55.2	41.9	28	51	79	1.3	1.8	1.3	1.0	2.3	1.0
969	UC 969	6120 (15)	52.2	40.8	30	33	80	1.0	1.5	1.0	1.0	1.0	1.0
1047	ISHI	7000 (5)	50.1	40.9	31	42	85	2.8	1.5	1.0	1.0	1.0	1.0
1134	TAMALPAIS	5750 (18)	52.5	38.5	27	39	84	1.0	1.3	1.0	1.0	1.0	1.0
<u>ADVANCED LINES</u>													
1231	UCD 08YP 111	7200 (1)	50.2	45.5	36	42	83	2.0	2.3	1.0	1.0	1.0	1.0
1237	WWW BA4513	5420 (22)	47.5	33.9	33	52	86	1.8	2.3	1.8	2.5	1.0	1.0
1249	UCD B110	6530 (13)	49.7	47.1	30	43	83	1.3	1.0	1.0	1.0	1.3	1.0
1252	UCD B156	6720 (9)	50.2	44.5	32	42	81	1.5	1.0	1.0	1.0	1.0	1.0
1255	UCD B369	7100 (3)	49.6	47.3	33	45	87	2.0	1.5	1.3	1.0	1.0	1.0
1256	UCD B398	6710 (10)	49.4	42.8	31	44	83	1.8	1.5	1.0	1.0	1.3	1.0
1258	UCD A34	6820 (8)	49.5	46.1	35	44	83	2.0	1.5	1.0	1.0	1.0	1.0
1259	UCD B366	6960 (7)	49.8	48.2	35	41	85	2.0	1.3	1.0	1.0	1.0	1.0
1260	UCD B372	7170 (2)	49.0	43.1	33	42	83	2.3	1.3	1.0	1.0	1.0	1.0
1261	UCD A237	6620 (11)	49.1	42.3	32	48	82	2.0	1.3	1.0	1.0	1.0	1.0
1263	UCD C43	5220 (28)	54.1	38.8	30	46	84	1.5	1.5	1.0	1.0	1.0	1.0
1266	UCD C51	6000 (16)	53.6	39.2	31	43	84	1.5	1.3	1.0	1.0	1.0	1.0
1279	UCD 1279	5280 (25)	51.2	39.4	40	42	81	2.0	4.0	1.0	1.0	1.0	1.0
1280	UCD 1280	6600 (12)	51.6	42.0	39	41	81	3.0	2.8	1.0	1.0	1.0	1.0
1284	UCD 1284	6990 (6)	48.9	41.0	33	45	82	2.0	1.8	1.0	1.0	1.0	1.0
1286	UCD 1286	7050 (4)	49.4	44.5	32	48	84	1.8	1.3	1.0	1.0	1.0	1.0
1316	UCD 1316	5390 (23)	51.1	39.9	31	41	83	2.0	1.0	1.0	1.0	1.0	1.0
1317	UCD 1317	5610 (19)	50.3	40.4	30	45	83	1.8	1.0	1.0	1.0	1.0	1.0
1318	UCD 1318	5310 (24)	52.6	41.5	32	46	85	1.8	1.5	1.0	1.0	1.0	1.0
1319	UCD 1319	5540 (21)	55.3	39.3	33	49	83	1.8	1.5	1.0	1.0	1.0	1.0
1320	UCD 1320	5550 (20)	52.4	37.5	29	51	87	1.3	1.0	1.0	1.0	1.0	1.0
1321	UCD 1321	4940 (30)	53.6	40.0	30	51	85	1.5	1.8	1.0	1.0	1.0	1.0
1322	UCD 1322	4900 (31)	54.5	35.7	34	47	78	1.5	2.8	1.0	1.0	1.0	1.0
1323	UCD 1323	4900 (32)	55.9	41.6	35	46	79	1.5	1.8	1.0	1.0	1.0	1.0
1324	UCD 1324	4760 (34)	54.8	46.8	33	39	81	1.3	2.5	1.0	1.0	1.0	1.0
1325	UCD 1325	5200 (29)	54.0	37.3	36	49	81	1.5	2.3	1.0	1.0	1.0	1.0
1326	WWW BA4545	5230 (27)	47.0	33.9	33	51	84	1.8	2.0	1.5	2.8	1.0	1.0
1327	GEBSE	2040 (35)	51.0	60.2	44	37	69	1.8	6.0	1.0	1.0	2.5	1.0
	MEAN	5850	51.4	41.7	32	44	82	1.7	1.8	1.1	1.1	1.1	1.0
	CV	7.1	2.3	3.8	5.2	5.5	2.6	32.6	30.2	25.2	14.5	16.1	8.4
	LSD (.05)	580	2.4	3.3	2	3.0	3.0	0.8	0.8	0.4	0.2	0.2	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.