

## 2006 UC REGIONAL BARLEY TEST

Entry	Name	Type	Parentage	Source
<b>CULTIVARS</b>				
603	UC 603	6RSF	(((Marie*LU)*TRL)*BR)*(YDRBR*YDMRBR)	UC
816	MAX	6RSF	CCXXXII SEL (BA7024)	WWW
885	PATTI	6RSF	CCXXXII 78 SEL (BA 8055)	WWW
933	UC 933	6RSF	Sma1/SB401/3/Gus/KBY//Sma1	UC
937	UC 937	6RSF	Sma1/SB401/3/Gus/KBY//Sma1	UC
951	MELTAN	2RSF		ADAMS
969	UC 969	6RSF	SMA1/SB401/3/UC337	UC
1047	ISHI	6RSF	F6 UC 828/UC 960	UC
1181	DEVORA	2RW	Mosar X E82011-8805 X Magie	Cebeco Seeds
<b>ADVANCED LINES</b>				
1095	23 IBYT 7	6RSF	Egypt4/Teran78//P.Sto/3/Quina	CIMMYT/ICARDA
1109	UCD C109	6RSF	F7 CMB85A-774/UC828//NK2849	UC
1113	UCD C124	6RSF	F7 UC933//RSI 32306/UC 937	UC
1114	UCD C130	6RSF	F7 CMB85A-774/UC828//NK2849	UC
1115	UCD C135	6RSF	F7 UC 933//RSI 32306	UC
1116	UCD C140	6RSF	F7 UC 933//RSI 32306	UC
1118	UCD C147	6RSF	F7 Madera/UC 937	UC
1131	UCD YP03-9/16	6RSF	F8 CMB 85A-774/UC 828//NK 2849	UC
1132	UCD YP03-8/16	6RSF	F8 CMB 85A-774/UC 828//NK 2849	UC
1133	UCD YP03-9/9	6RSF	F7 CMB 84A-1715//RSI32306//UC937	UC
1134	UCD YP03-9/3	6RS(N)	F7 CMB 91A-1192-AL/UC 960	UC
1180	Ceb 20254	2RW	Hanna X (Eclair X B 90033-9347)	Cebeco Seeds
1182	UCD 11HB13	6RS(N)	Stipa/Petunia1//Kolla/BBSC	UC/CIMMYT
1183	WWW BA1129A	6RSF	MSFRS Short Straw Barley Population	WWW

## 23 ENTRIES

**TYPE:** 6RSF = 6-ROW SPRING FEED; 2RSF = 2-ROW SPRING FEED; 6RS(N): NAKED 6-ROW SPRING;  
2RW = 2-ROW WINTER.

**SOURCE:** ADAMS = ADAMS GRAIN CO., Cebeco Seeds, The Netherlands; CIMMYT-ICARDA,  
UC = UNIVERSITY OF CALIFORNIA; WWW - WORLD WIDE WHEAT

## 2006 GLENN RAINFED BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Shatter	Plant Ht (in)	Lodging (harvest)	BYDV	Net Blotch	Scald
<u>CULTIVARS</u>									
603	UC 603	3500 (21)	47.7	1.3	33	1.0	1.0	1.0	1.0
816	MAX	3690 (18)	49.2	1.0	25	4.0	1.0	1.0	1.5
885	PATTI	3470 (23)	44.9	1.0	27	3.5	1.0	1.0	1.3
933	UC 933	4230 (15)	44.6	1.3	32	5.3	1.0	1.0	1.0
937	UC 937	4120 (16)	44.6	1.0	34	5.5	1.0	1.5	1.0
951	MELTAN	4340 (13)	52.4	1.5	31	2.8	1.0	1.5	1.0
969	UC 969	5140 (1)	47.4	1.3	38	1.0	1.0	1.0	1.0
1047	ISHI	4320 (14)	44.5	1.0	38	6.3	1.0	1.3	1.0
1181	DEVORA	3560 (19)	51.8	2.3	37	1.8	1.0	1.8	1.0
<u>ADVANCED LINES</u>									
1095	23 IBYT 7	5100 (2)	45.1	1.0	38	3.3	1.3	1.0	1.0
1109	UCD C109	4410 (11)	43.6	2.3	35	4.5	1.0	1.0	1.0
1113	UCD C124	4450 (10)	43.7	1.0	32	4.3	1.0	1.0	1.0
1114	UCD C130	4500 (8)	43.6	1.0	37	3.0	1.0	1.0	1.0
1115	UCD C135	4570 (6)	46.9	1.8	35	5.5	1.0	1.0	1.0
1116	UCD C140	4520 (7)	48.3	1.0	35	1.5	1.0	1.0	1.0
1118	UCD C147	4830 (3)	46.3	1.8	35	3.0	1.0	1.0	1.0
1131	UCD YP03-9/16	4630 (5)	44.0	1.8	36	3.5	1.0	1.0	1.0
1132	UCD YP03-8/16	4630 (4)	45.0	2.0	37	4.8	1.0	1.0	1.0
1133	UCD YP03-9/9	4470 (9)	42.7	1.3	33	4.0	1.0	1.0	1.0
1134	UCD YP03-9/3	3480 (22)	46.8	1.0	35	3.8	1.3	1.0	1.0
1180	Ceb 20254	3890 (17)	51.6	1.3	38	1.0	1.0	1.3	1.0
1182	UCD 11HB13	3530 (20)	58.3	1.0	39	1.0	1.5	1.3	1.0
1183	WWW BA1129A	4350 (12)	47.1	1.0	32	2.0	1.3	1.0	1.0
	MEAN	4250	47.0	1.3	35	3.3	1.1	1.1	1.0
	CV	10.3	4.3	42.1	4.5	46.6	26.2	28.5	22.7
	LSD (.05)	620	4.2	0.8	3	2.2	-	0.4	-

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

## 2006 UC DAVIS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Plant Ht (in)	Days to		BYDV	Net Blotch	Scald	Leaf Rust	Stripe Rust	
				Head (from 3/1)	Mature					5/1	5/24
<u>CULTIVARS</u>											
603	UC 603	5160 (18)	39	45	79	1.0	1.3	1.0	1.8	1.0	1.0
816	MAX	4230 (23)	35	59	91	1.0	1.0	1.0	3.3	1.3	7.5
885	PATTI	4660 (21)	33	50	87	1.0	1.0	1.8	2.3	1.5	2.3
933	UC 933	6080 (10)	37	51	86	1.0	1.0	1.0	2.5	1.0	1.0
937	UC 937	5910 (13)	40	54	87	1.0	1.0	1.0	1.3	1.0	1.0
951	MELTAN	5110 (20)	36	53	81	2.3	1.0	1.0	1.0	1.0	1.0
969	UC 969	6620 (3)	45	45	78	1.0	1.0	1.0	2.0	1.0	1.0
1047	ISHI	6850 (1)	40	53	88	1.0	1.0	1.0	1.3	1.0	1.0
1181	DEVORA	5360 (16)	42	56	85	1.0	1.0	1.0	1.0	1.0	1.0
<u>ADVANCED LINES</u>											
1095	23 IBYT 7	6680 (2)	42	51	84	1.0	1.0	1.0	1.0	1.0	1.0
1109	UCD C109	5900 (14)	37	56	88	1.0	1.0	1.0	1.5	1.0	1.0
1113	UCD C124	6500 (6)	39	53	89	1.0	1.0	1.0	1.0	1.0	1.0
1114	UCD C130	6050 (11)	36	58	90	1.0	1.0	1.0	1.3	1.0	1.0
1115	UCD C135	5960 (12)	37	53	89	1.0	1.0	1.0	1.0	1.0	1.0
1116	UCD C140	6240 (7)	39	52	85	1.0	1.0	1.0	1.3	1.0	1.0
1118	UCD C147	6570 (4)	41	52	82	1.0	1.0	1.0	1.8	1.0	1.0
1131	UCD YP03-9/16	6140 (8)	39	58	89	1.0	1.0	1.0	1.5	1.0	1.0
1132	UCD YP03-8/16	6570 (5)	40	58	91	1.0	1.0	1.0	1.0	1.0	1.0
1133	UCD YP03-9/9	6110 (9)	37	57	85	1.0	1.0	1.0	1.3	1.0	1.0
1134	UCD YP03-9/3	5610 (15)	37	51	84	1.0	1.0	1.0	1.0	1.0	1.0
1180	Ceb 20254	5230 (17)	43	56	86	1.0	1.0	1.0	1.0	1.0	1.0
1182	UCD 11HB13	5120 (19)	44	47	78	1.0	1.0	1.0	1.0	1.0	1.0
1183	WWW BA1129A	4620 (22)	36	53	83	1.0	1.0	2.0	1.8	2.3	4.5
	MEAN	5800	39	53	85	1.1	1.0	1.1	1.5	1.1	1.5
	CV	7.8	5.6	1.7	2.2	9.9	10.3	36.2	29.1	41.9	61.5
	LSD (.05)	640	4	2	4	0.1	-	0.6	0.6	-	1.3

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

2006 MERCED BARLEY TEST

Entry	Name	Yield (lbs/acre)	Shatter	Plant Ht (in)	Lodging		BYDV	Net Blotch		Leaf Rust		Stripe Rust	
					soft	harvest		5/1	5/24	5/1	5/24	5/1	5/24
					dough								
<u>CULTIVARS</u>													
603	UC 603	4930 (9)	1.0	34	1.0	1.0	1.0	3.8	3.5	1.0	1.3	2.8	1.0
816	MAX	2680 (23)	1.0	25	1.0	4.8	1.0	1.0	1.0	1.0	2.8	5.8	8.0
885	PATTI	2680 (22)	1.0	24	1.0	2.5	1.0	1.0	1.0	3.0	7.3	1.3	1.0
933	UC 933	4390 (18)	1.0	26	1.0	3.8	1.0	1.0	1.0	1.3	5.8	1.0	1.0
937	UC 937	4290 (19)	1.0	28	1.0	4.3	1.0	1.0	1.0	1.0	4.0	1.0	1.0
951	MELTAN	5160 (7)	1.0	33	1.0	1.0	2.3	1.3	1.0	1.0	1.0	1.5	1.0
969	UC 969	4910 (10)	1.0	30	1.0	1.0	1.0	1.0	1.0	1.3	2.0	1.8	1.0
1047	ISHI	5910 (1)	1.0	27	1.0	4.8	1.0	1.0	1.0	1.0	3.5	2.3	1.0
1181	DEVORA	5520 (4)	2.5	38	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
<u>ADVANCED LINES</u>													
1095	23 IBYT 7	5840 (2)	1.0	30	1.0	2.5	1.0	1.0	1.0	1.0	1.3	1.0	1.0
1109	UCD C109	5400 (5)	1.0	30	1.0	3.0	1.0	1.0	1.0	1.0	2.8	1.5	1.0
1113	UCD C124	4730 (15)	1.0	26	1.0	1.8	1.3	1.0	1.0	1.0	2.3	1.3	1.0
1114	UCD C130	4870 (11)	1.0	32	1.0	3.3	1.5	1.0	1.0	1.0	3.0	1.0	1.3
1115	UCD C135	5620 (3)	1.0	31	2.3	5.3	1.0	1.0	1.0	1.0	5.5	1.3	1.0
1116	UCD C140	4740 (14)	1.0	24	1.0	2.3	1.0	1.0	1.0	1.0	2.3	1.0	1.0
1118	UCD C147	4980 (8)	1.3	28	2.3	4.3	1.3	1.3	1.0	1.3	5.8	1.3	1.0
1131	UCD YP03-9/16	5170 (6)	1.0	31	1.0	3.0	1.0	1.0	1.3	1.0	2.0	1.0	1.0
1132	UCD YP03-8/16	4670 (16)	1.0	31	1.0	2.0	1.3	1.0	1.0	1.0	1.8	1.0	1.0
1133	UCD YP03-9/9	4100 (20)	1.0	31	1.0	1.3	1.0	1.0	1.0	1.0	2.0	1.0	1.0
1134	UCD YP03-9/3	4820 (12)	1.0	24	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0
1180	Ceb 20254	4650 (17)	1.3	37	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0
1182	UCD 11HB13	4820 (13)	2.0	34	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8	1.0
1183	WWW BA1129A	3960 (21)	1.0	31	1.5	5.0	1.0	1.0	1.0	1.0	1.0	7.0	8.0
	MEAN	4730	1.1	30	1.1	2.6	1.2	1.1	1.1	1.1	2.7	1.8	1.6
	CV	12.7	33.9	8.4	68.6	50.3	35.1	36.7	14.4	37.7	39.1	36.3	6.4
	LSD (.05)	850	0.5	4	-	1.9	0.6	0.6	0.2	0.6	1.5	0.9	0.1

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

2006 KINGS BARLEY TEST

Entry	Name	Yield (lbs/acre)	Shatter	Plant Ht (in)	Lodging		BYDV	Net Blotch	Stripe Rust	
					soft dough	harvest			4/26	5/18
<u>CULTIVARS</u>										
603	UC 603	4580 (19)	1.0	38	1.0	3.5	1.0	1.8	2.0	2.0
816	MAX	4990 (15)	1.0	36	3.0	4.0	1.0	1.0	3.0	6.0
885	PATTI	5160 (13)	1.0	37	2.5	3.3	1.0	2.8	1.0	1.0
933	UC 933	5940 (7)	1.0	37	2.3	4.0	1.0	1.0	1.0	1.0
937	UC 937	4910 (16)	1.0	38	3.5	6.0	1.0	2.3	1.0	1.0
951	MELTAN	4240 (20)	1.0	39	3.5	4.0	1.0	1.0	1.0	1.0
969	UC 969	5300 (12)	1.0	39	1.8	2.3	1.0	1.0	1.0	1.5
1047	ISHI	5370 (11)	1.0	38	3.0	4.0	1.0	1.0	1.0	1.0
1181	DEVORA	4090 (22)	1.0	39	2.3	2.5	1.0	1.0	1.0	1.0
<u>ADVANCED LINES</u>										
1095	23 IBYT 7	6210 (5)	1.0	40	1.5	3.8	1.0	1.3	1.0	1.0
1109	UCD C109	6660 (1)	1.0	38	1.0	2.5	1.0	1.0	1.0	1.0
1113	UCD C124	5460 (10)	1.0	37	2.0	2.3	1.0	3.0	1.0	1.0
1114	UCD C130	6310 (3)	1.0	40	1.5	2.8	1.0	1.0	1.0	1.0
1115	UCD C135	6420 (2)	1.0	39	2.0	3.5	1.0	1.0	1.0	1.0
1116	UCD C140	6240 (4)	1.0	37	1.8	2.0	1.0	1.3	1.0	1.0
1118	UCD C147	5860 (8)	1.0	39	3.0	4.5	1.0	1.0	1.0	1.0
1131	UCD YP03-9/16	5960 (6)	1.0	39	1.8	3.3	1.0	1.0	1.0	1.0
1132	UCD YP03-8/16	4790 (18)	1.0	39	2.8	4.0	1.0	1.0	1.0	1.0
1133	UCD YP03-9/9	4810 (17)	1.0	38	3.8	5.0	1.0	2.0	1.0	1.0
1134	UCD YP03-9/3	5650 (9)	1.0	39	1.3	2.3	1.0	2.0	1.0	1.3
1180	Ceb 20254	4130 (21)	1.0	37	2.0	2.3	1.5	1.0	1.0	1.0
1182	UCD 11HB13	5000 (14)	1.3	41	1.0	1.8	1.0	1.0	1.0	1.0
1183	WWW BA1129A	3340 (23)	1.0	38	3.0	5.3	1.0	2.3	1.8	5.0
	MEAN	5280	1.0	38	2.2	3.4	1.0	1.4	1.2	1.5
	CV	19.2	10.3	4.1	67.8	50.4	20.4	45.3	53.7	43.8
	LSD (.05)	1430	-	-	-	2.4	-	0.9	0.9	0.9

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

2006 SAN LUIS OBISPO RAINFED BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Stripe Rust	
					4/26	5/18
<u>CULTIVARS</u>						
603	UC 603	4040 (11)	49.8	35	1.0	1.0
816	MAX	2120 (23)	43.0	31	4.0	8.0
885	PATTI	3850 (14)	45.7	32	1.0	1.7
933	UC 933	4380 (6)	49.0	34	1.0	1.7
937	UC 937	4280 (8)	49.3	37	1.0	1.0
951	MELTAN	3720 (16)	54.1	33	1.0	1.7
969	UC 969	4470 (5)	51.6	39	1.3	1.3
1047	ISHI	5370 (1)	48.0	38	1.3	1.7
1181	DEVORA	3310 (21)	52.0	41	1.0	1.0
<u>ADVANCED LINES</u>						
1095	23 IBYT 7	4370 (7)	48.2	34	1.0	1.0
1109	UCD C109	4130 (10)	46.6	33	1.0	1.0
1113	UCD C124	3930 (13)	47.6	30	1.0	1.0
1114	UCD C130	3720 (17)	47.3	36	1.0	1.0
1115	UCD C135	4020 (12)	48.7	34	1.0	1.0
1116	UCD C140	4670 (3)	49.9	35	1.0	1.3
1118	UCD C147	5020 (2)	48.4	36	1.0	1.0
1131	UCD YP03-9/16	3520 (19)	46.4	31	1.0	1.0
1132	UCD YP03-8/16	3460 (20)	45.8	34	1.0	1.0
1133	UCD YP03-9/9	4550 (4)	47.7	36	1.0	1.7
1134	UCD YP03-9/3	4220 (9)	52.2	32	1.0	1.0
1180	Ceb 20254	3660 (18)	51.4	41	1.0	1.0
1182	UCD 11HB13	3800 (15)	61.3	39	1.0	1.0
1183	WWW BA1129A	3150 (22)	42.3	32	4.7	8.0
	MEAN	3990	49.0	35	1.3	1.8
	CV	11.6	2.0	8.6	16.0	27.1
	LSD (.05)	760	2.1	5	0.4	0.8

Rating scale for diseases (area of flag-1 leaf affected): 1 = 0-3%, 2 = 4-14%, 3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

Numbers in parentheses indicate relative rank in column.

2006 TULARE RAINFED BARLEY TEST

Entry	Name	Yield (lbs/acre)	Test Wt (lbs/bu)	Plant Ht (in)	Net Blotch
<u>CULTIVARS</u>					
603	UC 603	3670 (21)	47.9	34	1.0
816	MAX	4550 (15)	47.1	27	1.5
885	PATTI	4410 (18)	44.0	29	1.0
933	UC 933	5100 (5)	45.6	32	1.0
937	UC 937	4860 (9)	44.8	35	1.0
951	MELTAN	4610 (13)	52.3	31	1.0
969	UC 969	4700 (12)	48.0	35	1.0
1047	ISHI	4970 (8)	44.8	29	1.0
1181	DEVORA	3530 (23)	49.2	36	1.0
<u>ADVANCED LINES</u>					
1095	23 IBYT 7	5120 (4)	45.4	32	1.0
1109	UCD C109	4810 (10)	43.6	31	1.0
1113	UCD C124	4800 (11)	44.2	30	1.0
1114	UCD C130	4450 (16)	43.6	33	1.0
1115	UCD C135	5150 (3)	45.8	32	1.0
1116	UCD C140	5240 (2)	44.9	31	1.0
1118	UCD C147	5360 (1)	44.8	35	1.0
1131	UCD YP03-9/16	4250 (19)	43.3	30	1.0
1132	UCD YP03-8/16	4560 (14)	43.7	33	1.0
1133	UCD YP03-9/9	5040 (7)	42.5	31	1.0
1134	UCD YP03-9/3	5050 (6)	46.1	30	1.0
1180	Ceb 20254	3650 (22)	49.8	36	1.0
1182	UCD 11HB13	4070 (20)	57.7	36	1.0
1183	WWW BA1129A	4430 (17)	46.4	29	1.0
	MEAN	4620	46.3	32	1.0
	CV	7.7	1.4	5.1	11.8
	LSD (.05)	500	1.4	3	0.2

Rating scale for diseases (area of flag-1 leaf affected): 1 = 0-3%, 2 = 4-14%,  
3 = 15-29%, 4 = 30-49%, 5 = 50-69%, 6 = 70-84%, 7 = 85-95%, 8 = 96-100%.

Numbers in parentheses indicate relative rank in column.