

Barley Project Agronomic Trait Data 2015



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2015 Agronomic Data for Oregon State University Barley Yield Trials

2014-15 Oregon Winter Barley Statewide Yield Trial; 52 entries

Table 1	Entry list and pedigrees	Page 3	Design
2	Corvallis, OR		RCB
3	Lebanon, OR		Unreplicated
4	Pendleton, OR		RCB
5	Mount Vernon, WA		RCB

2014-15 Oregon Malt Barley Advanced Yield Trial; 81 entries

6	Entry list and pedigrees	Page 10	
7	Corvallis, OR		RCB
8	Lebanon, OR		Unreplicated

2014-15 Oregon Malt Barley Preliminary Yield Trial; 132 entries

9	Entry list and pedigrees	Page 12	
10	Corvallis, OR		Unreplicated

2015 Oregon Promise Yield Trial; 51 entries

11	Entry list and pedigrees	Page 14	
12	Corvallis, OR		RCB
13	Lebanon, OR		RCB
14	Madras, OR		RCB

2014-15 Winter Malting Barley Trial; 24 entries

15	Entry list and pedigrees	Page 30	
16	Corvallis, OR		RCB

2014-15 Winter Barley Germplasm Nursery; 18 entries

17	Entry list and pedigrees	Page 36	
18	Corvallis, OR		RCB

2014-15 International Food Barley Trial; 54 entries

19	Entry list and pedigrees	Page 40	
20	Corvallis, OR		RCB

2014-15 Oregon Food Barley Advanced Yield Trial; 22 entries

21	Entry list and pedigrees	Page 49	
22	Corvallis, OR		RCB

2014-15 Oregon Food Barley Preliminary Yield Trial; 15 entries

24	Corvallis, OR		Unreplicated
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2015 Black Beaut Yield Trial; 14 entries

25	Entry list and pedigrees	Page 49	
26	Corvallis, OR		RCB

2014-15 Morrow County Drill Strip Yield Trial; 7 entries

27	Entry list and pedigrees	Page 49	
28	Jepsen Farm		RCB
29	Starvation Farm		RCB

Table 1. OWBSYT Entry list and Pedigrees

(2014-15 Oregon Winter Barley Statewide Yield Trial)

Entry	Name	Type	Use	Parentage
1	Alba	6	Feed/Malt	Strider/Orca
2	Strider	6	Feed	
3	Verdant	6	Feed/Forage	Kold/Hoody
4	Buck	6	Food	Strider/Doyce
5	Maja	6	Malt	
6	Charles	2	Malt	
7	Endeavor	2	Malt	
8	Wintmalt	2	Malt	
9	10.0860	2	Malt	Wintmalt/Charles
10	10.0777	2	Malt	Wintmalt/Charles
11	TCFW6-194	6	Malt/Feed	Stab 47/Kab 51
12	TCFW6-193	6	Malt/Feed	StabBC 50/Maja
13	TCFW6-033	6	Feed	NB3437f/OR71
14	TCFW6-187	6	Malt/Feed	J1///Stab 47/Excel//StabBC 42
15	TCFW6-140	6	Malt/Feed	J1///Stab 47/Excel//StabBC 42
16	TCFW6-107	6	Malt/Feed	Kab 51/Excel//Maja/3/Stab 7/Maja
17	10.0861	2	Malt	Wintmalt/Charles
18	DH 10.1044	2	Malt	KW2-849 x (Luca/Waxbar/Luca)
19	DH120032	2	Malt	Wintmalt/Charles//BCD47
20	DH120046	2	Malt	Wintmalt/Charles//BCD47
21	DH120186	2	Malt	Wintmalt/Charles//BCD47
22	DH120228	2	Malt	Wintmalt/Charles//BCD47
23	DH120271	2	Malt	Maris Otter/BCD47
24	DH120276	2	Malt	Maris Otter/BCD47
25	DH130048	2	Malt	OR107/BCD47
26	DH130039	2	Malt	SHORT11-10 (TC6W261)//LPZ76/Charles//BCD47
27	DH130045	2	Malt	SHORT11-10 (TC6W261)//LPZ76/Charles//BCD47
28	DH130004	2	Malt	SHORT11-7 (TC6W265)//HERZ 29494/2991 (35)
29	DH130131	2	Malt	SHORT11-7 (TC6W265)//HERZ 29494/2991 (35)
30	DH120412	2	Malt	SHORT11-7 (TC6W265)//HERZ 29494/2991 (35)
31	DH120479	2	Malt	SHORT11-7 (TC6W265)//HERZ 29494/2991 (35)
32	DH120293	2	Malt	Wintmalt/Charles//BCD47
33	DH130864	2	Malt	BCD47/VIOLETTA
34	DH130939	2	Malt	BCD47/VIOLETTA
35	DH130590	2	Malt	OR101//HERZ 29494/2991 (35)
36	DH130860	2	Malt	OR818/KW2-042
37	DH130935	2	Malt	OR818/KW2-042
38	DH130527	2	Malt	SHORT11-10 (TC6W261)//LPZ76/Charles//BCD47
40	DH130718	2	Malt	SHORT11-10 (TC6W261)/3/LPZ76/Charles//BCD47
41	DH130762	2	Malt	SHORT11-10 (TC6W261)/3/LPZ76/Charles//BCD47
42	DH130765	2	Malt	SHORT11-10 (TC6W261)/3/LPZ76/Charles//BCD47
43	DH130328	2	Malt	SHORT11-13 (TC6W264)//HERZ 29494/2991 (35)
44	DH130909	2	Malt	SHORT11-13 (TC6W264)/HERZ 29494/2991 (35)
45	DH130910	2	Malt	SHORT11-7 (TC6W265)/HERZ 29494/2991 (35)
46	DH130709	2	Malt	SHORT11-9 (TC6W258)/KW2-042
47	10.0904	2	Malt	KW2-849 x (Luca/Waxbar/Luca8)
48	10.0925	2	Malt	KW2-849 x (Luca/Waxbar/Luca8)
49	Violetta	2	Malt	
50	04/028/36	2	Malt	
51	SC 11203	2	Malt	
52	SC 11213	2	Malt	

Table 2. OWBSYT for Corvallis, OR in 2014-15

(2014-15 Oregon Winter Barley Statewide Yield Trial)

Entry Name	Yield (lbs/ac)	Rank	Test		Plump		Plant			Bird	Barley	Scald (%)	Agronomic Score (1-9)
			Weight (lbs/bu)	Protein (%)	(on 6/64) (%)	Heading (DOY)	Height (in)	Lodging (%)	Brackling (%)	Damage (%)	Stripe Rust (%)		
1 Alba	5646	(30)	48	9.5	74	119	41	0	0	0	0	5	5
2 Strider	5338	(36)	47	10.7	68	115	40	0	0	0	0	3	6
3 Verdant	7544	(5)	49	10.1	92	116	54	0	0	0	0	10	4
4 09OR-86	5359	(34)	60	9.4	21	118	39	0	0	0	0	27	6
5 Maja	5249	(39)	50	10.6	64	109	41	0	7	0	0	57	6
6 Charles	4268	(48)	43	9.6	81	102	35	18	45	0	0	88	6
7 Endeavor	5450	(32)	50	9.3	60	100	37	13	22	0	0	80	6
8 Wintmalt	5457	(31)	52	10.1	99	111	41	0	10	8	3	35	5
9 10.0860	5300	(37)	50	10.2	91	103	38	2	28	2	0	75	5
10 10.0777	5280	(38)	52	9.3	92	104	38	2	22	3	2	70	6
11 TCFW6-194	3139	(50)	47	10.2	83	122	37	0	0	0	0	37	7
12 TCFW6-193	4575	(46)	50	9.5	74	118	37	0	0	0	0	3	6
13 TCFW6-033	8672	(1)	53	8.0	92	117	55	0	2	0	0	7	3
14 TCFW6-187	4878	(43)	48	10.0	98	122	46	0	0	0	0	3	6
15 TCFW6-140	7050	(7)	50	9.0	72	108	41	0	7	0	0	5	5
16 TCFW6-107	6313	(18)	51	8.8	71	117	42	0	0	0	0	10	5
17 10.0861	2840	(51)	45	11.8	74	108	31	3	23	2	0	92	7
18 DH 10.1044	6121	(22)	52	9.8	80	105	35	2	12	0	0	67	6
19 DH120032	6799	(9)	50	11.2	84	87	40	8	22	0	0	28	6
20 DH120046	6334	(16)	47	9.8	86	99	41	35	18	2	0	12	6
21 DH120186	4564	(47)	48	12.1	73	86	37	22	45	0	0	63	6
22 DH120228	7267	(6)	52	9.8	89	89	41	38	45	3	0	7	6
23 DH120271	6293	(19)	53	11.7	96	100	41	2	7	2	0	8	6
24 DH120276	5767	(26)	58	11.0	90	104	41	15	18	5	0	10	6
25 DH130048	6268	(20)	52	10.6	92	106	33	0	7	0	0	37	5
26 DH130039	6645	(11)	52	11.3	98	105	31	0	2	0	0	10	5
27 DH130045	6249	(21)	49	11.1	96	112	29	0	0	0	0	15	5
28 DH130004	6490	(13)	51	10.8	97	107	27	0	0	0	0	8	4
29 DH130131	4584	(45)	51	12.1	95	107	35	0	0	0	0	27	6
30 DH120412	8075	(3)	52	11.1	95	93	40	10	22	3	0	3	5
31 DH120479	5665	(29)	52	12.2	91	112	51	0	5	13	2	5	4
32 DH120293	6641	(12)	51	10.4	87	111	43	3	7	0	0	5	5
33 DH130864	5675	(28)	49	12.0	69	112	24	0	2	0	0	32	6
34 DH130939	6096	(23)	53	11.7	92	106	40	0	12	0	0	18	5
35 DH130590	226	(52)	-	-	-	118	55	0	0	100	7	8	-
36 DH130860	5168	(40)	50	11.4	87	115	43	2	13	3	0	18	6
37 DH130935	6333	(17)	52	11.5	90	111	47	3	3	13	0	5	6
39 DH130533	4055	(49)	53	13.3	98	109	28	0	0	0	0	10	6
40 DH130718	8102	(2)	55	11.3	98	99	35	0	0	0	0	7	4
41 DH130762	6701	(10)	54	11.7	98	111	31	0	3	0	0	18	5
42 DH130765	6387	(15)	53	13.0	98	108	34	0	0	0	0	8	6
43 DH130328	4793	(44)	54	11.9	95	109	45	2	12	12	2	10	5
44 DH130909	5077	(42)	50	12.6	89	114	27	0	2	0	0	13	5
45 DH130910	5945	(24)	54	11.4	91	114	42	2	3	20	0	7	4
46 DH130709	6989	(8)	53	13.6	96	95	45	25	10	5	0	8	5
47 10.0904	5421	(33)	52	11.8	82	106	37	2	15	5	0	7	5
48 10.0925	5356	(35)	52	9.8	85	102	33	5	15	0	0	37	6
49 Violetta	5824	(25)	54	11.9	93	106	40	0	8	8	0	5	6
50 04/028/36	5755	(27)	53	11.6	94	107	42	0	8	17	0	5	5
51 SC 11203	5088	(41)	52	10.9	87	107	36	2	3	0	0	12	6
52 SC 11213	7703	(4)	51	9.5	89	113	37	0	5	5	0	3	5
Mean	5755.5		51.2	10.9	85.9	107.7	38.6	4.1	9.4	4.5	0.3	22.5	5.5
LSD (0.05)	946.5		-	-	-	1.2	3.3	7.4	7.2	5.3	1.2	14.4	0.7
CV	12.1		5.5	11.1	15.7	0.8	6.3	131.6	56.4	88.0	311.5	47.4	10.0
No. of Reps	3		1	1	1	3	3	3	3	3	3	3	3

Table 3. OWBSYT for Lebanon, OR in 2014-15

(2014-15 Oregon Winter Barley Statewide Yield Trial)

Entry	Name	Yield (lbs/ac)	Rank	Test		Plump (on 6/64) (%)	Heading (DOY)	Plant		Barley		Agronomic Score (0-10)	
				Weight (lbs/bu)	Protein (%)			Height (in)	Lodging (%)	Stripe Rust (%)	Scald (%)		
1	Alba	7959	(8)	50	10	89	133	50	20	10	0	5	7
2	Strider	7266	(20)	50	12	57	130	50	0	40	0	5	7
3	Verdant	7353	(17)	49	14	84	133	59	0	10	0	10	8
4	09-OR-86	4405	(50)	58	13	29	130	50	100	40	0	25	2
5	Maja	6812	(29)	50	11	61	124	42	0	90	0	35	5
6	Charles	5783	(45)	48	11	87	115	46	0	100	0	75	5
7	Endeavor	5646	(46)	51	11	60	115	41	0	20	10	55	7
8	Wintmalt	5458	(47)	49	12	89	125	40	0	5	30	15	7
9	10.0860	5867	(44)	51	11	95	122	41	0	20	0	65	6
10	10.0777	5990	(42)	50	11	88	124	42	20	30	10	45	6
11	TCFW6-194	6756	(30)	49	11	90	134	53	0	30	0	10	6
12	TCFW6-193	8251	(5)	49	12	64	129	42	0	80	0	5	5
13	TCFW6-033	6444	(36)	49	11	62	133	55	100	20	0	0	1
14	TCFW6-187	6145	(40)	50	12	77	135	53	90	20	0	10	2
15	TCFW6-140	6251	(39)	49	11	49	121	47	0	70	0	10	5
16	TCFW6-107	7955	(9)	50	11	55	131	50	0	90	0	10	6
17	10.0861	6496	(33)	51	11	89	121	44	0	60	0	45	7
18	DH 10.1044	7230	(21)	55	11	94	122	44	10	15	0	15	7
19	DH120032	8161	(6)	52	12	89	109	48	0	10	15	25	7
20	DH120046	6565	(32)	52	12	80	123	48	40	30	0	5	5
21	DH120186	7224	(22)	52	13	94	109	49	0	50	10	20	6
22	DH120228	7999	(7)	54	12	87	110	50	80	40	5	5	5
23	DH120271	4732	(48)	53	14	96	131	44	0	0	5	5	6
24	DH120276	7418	(16)	55	12	91	122	50	0	30	10	15	6
25	DH130048	7553	(15)	51	13	89	121	37	0	5	0	30	7
26	DH130039	6018	(41)	51	13	94	124	37	0	15	5	5	7
27	DH130045	7188	(23)	53	13	95	123	37	0	15	0	10	7
28	DH130004	4521	(49)	45	14	67	120	35	0	15	65	10	7
29	DH130131	6446	(35)	54	14	93	119	36	0	5	20	20	7
30	DH120412	7613	(13)	54	13	93	113	45	0	20	25	5	7
31	DH120479	7824	(11)	54	14	92	123	51	0	15	25	0	6
32	DH120293	5957	(43)	51	13	66	120	46	100	20	0	10	2
33	DH130864	4195	(51)	49	15	69	129	31	0	0	0	20	6
34	DH130939	7920	(10)	54	13	92	118	44	0	15	5	10	7
35	DH130590	4049	(52)	53	13	96	132	57	90	30	25	5	3
36	DH130860	6453	(34)	55	13	92	124	50	60	50	0	10	4
37	DH130935	8358	(3)	55	12	96	124	53	60	5	0	0	7
39	DH130533	7332	(18)	51	15	86	125	36	0	20	0	0	6
40	DH130718	9471	(1)	55	14	96	122	44	0	5	0	0	7
41	DH130762	7078	(26)	53	13	93	122	38	0	20	5	10	7
42	DH130765	7183	(24)	53	14	95	122	39	0	15	0	0	7
43	DH130328	7582	(14)	56	11	96	121	51	0	40	35	5	7
44	DH130909	6375	(38)	48	13	86	124	36	0	15	15	5	8
45	DH130910	6835	(28)	55	11	96	127	50	50	20	5	15	6
46	DH130709	7058	(27)	53	13	98	110	52	0	20	10	10	7
47	10.0904	7309	(19)	54	12	95	112	42	0	30	0	10	7
48	10.0925	6685	(31)	54	10	96	115	37	0	30	0	30	6
49	Violetta	8294	(4)	55	13	91	118	45	0	30	0	5	6
50	04/028/36	7739	(12)	53	14	95	120	43	0	15	5	5	7
51	SC 11203	7087	(25)	55	13	90	121	42	0	15	0	0	7
52	SC 11213	8847	(2)	54	12	90	121	43	0	10	5	5	8
Mean		6837.2		52.2	12.3	84.3	122.6	44.9	15.8	27.4	6.6	14.5	6.0

Table 4. OWBSYT for Pendleton, OR in 2014-15

(2014-15 Oregon Winter Barley Statewide Yield Trial)

Entry Name	Yield (lbs/ac)	Rank	Test		Plump (on 6/64) (%)	Plant Height (in)	Winter Survival (%)
			Weight (lbs/bu)	Protein (%)			
1 Alba	2488	(39)	44	13.8	27	48	97
2 Strider	3030	(36)	45	13.1	29	45	60
3 Verdant	1200	(43)	42	15.8	49	48	88
4 09OR-86	3166	(34)	55	13.0	8	43	77
5 Maja	3291	(30)	47	12.7	40	43	100
6 Charles	3930	(15)	46	13.8	90	42	90
7 Endeavor	3457	(26)	51	13.8	66	43	73
8 Wintmalt	3218	(32)	46	14.6	71	41	93
9 10.0860	4073	(11)	49	14.4	87	38	100
10 10.0777	4213	(4)	48	13.9	90	40	80
11 TCFW6-194	2376	(41)	42	14.3	47	47	100
12 TCFW6-193	3139	(35)	44	13.8	32	39	100
13 TCFW6-033	3575	(23)	44	14.2	54	47	100
14 TCFW6-187	2922	(38)	45	14.1	43	47	77
15 TCFW6-140	4125	(7)	47	13.0	29	44	100
16 TCFW6-107	3477	(25)	47	13.7	20	43	97
17 10.0861	3976	(14)	47	14.4	81	41	100
18 DH 10.1044	4237	(2)	52	14.7	95	35	93
19 DH120032	784	(47)	52	15.2	98	35	17
20 DH120046	-	(52)	-	-	-	-	5
21 DH120186	705	(48)	-	-	93	40	18
22 DH120228	3723	(18)	52	14.3	91	41	63
23 DH120271	52	(51)	-	-	-	36	1
24 DH120276	2393	(40)	54	14.6	94	40	60
25 DH130048	243	(50)	-	-	93	41	4
26 DH130039	910	(45)	-	-	-	31	12
27 DH130045	3024	(37)	41	14.0	18	37	97
28 DH130004	3577	(22)	53	15.7	94	36	100
29 DH130131	3699	(19)	53	15.2	95	38	100
30 DH120412	3201	(33)	53	15.0	95	40	93
31 DH120479	3360	(28)	51	15.1	80	43	100
32 DH120293	4228	(3)	50	13.4	85	42	93
33 DH130864	1105	(44)	51	16.0	73	27	35
34 DH130939	4093	(9)	54	15.1	89	38	73
35 DH130590	1790	(42)	53	15.0	92	50	73
36 DH130860	3441	(27)	51	13.8	79	44	97
37 DH130935	3646	(21)	50	13.6	93	43	100
39 DH130533	271	(49)	-	-	91	31	5
40 DH130718	4299	(1)	54	14.4	96	40	87
41 DH130762	4189	(5)	53	14.3	96	36	100

Entry Name	Yield (lbs/ac)	Rank	Test Weight (lbs/bu)	Protein (%)	Plump (on 6/64) (%)	Plant Height (in)	Winter Survival (%)
42 DH130765	3281	(31)	52	15.3	92	38	77
43 DH130328	3812	(16)	54	14.3	91	47	100
44 DH130909	3663	(20)	47	15.3	79	39	100
45 DH130910	3351	(29)	51	14.1	74	42	97
46 DH130709	3559	(24)	53	15.1	96	42	100
47 10.0904	4117	(8)	51	14.3	97	38	100
48 10.0925	4022	(13)	51	13.3	89	39	100
49 Violetta	4134	(6)	53	14.4	94	40	100
50 04/028/36	3756	(17)	55	14.6	96	43	100
51 SC 11203	4087	(10)	52	14.5	91	45	97
52 SC 11213	4069	(12)	51	13.9	90	46	100
Mean	3044.6		49.7	14.4	75.2	40.8	77.8
LSD (0.05)	745.1		-	-	-	5.3	14.5
CV	18.1		7.5	5.6	34.4	9.6	13.8
No. of Reps	3		1	1	1	3	3

Table 5. OWBSYT for Mount Vernon, WA in 2014-15

(2014-15 Oregon Winter Barley Statewide Yield Trial)

Entry Name	Yield (lbs/ac)	Rank	Heading (DOY)	Plant Height (in)	Brackling (%)	Leaf Rust (%)	BYDV (0-3)	Winter Survival (%)
1 Alba	983	(42)	135	36	17	93	3	82
2 Strider	799	(45)	135	33	38	95	3	45
3 Verdant	562	(51)	138	41	32	88	2	57
4 09-OR-86	743	(46)	140	30	3	5	2	22
5 Maja	849	(44)	121	35	78	100	3	66
6 Charles	732	(47)	124	29	83	97	3	71
7 Endeavor	1147	(37)	128	26	20	92	2	44
8 Wintmalt	3001	(15)	130	33	20	68	2	84
9 10.0860	880	(43)	130	31	32	90	3	65
10 10.0777	1138	(38)	126	28	32	90	2	40
11 TCFW6-194	633	(48)	135	28	13	95	3	68
12 TCFW6-193	1407	(35)	134	28	12	97	3	87
13 TCFW6-033	1493	(34)	130	33	48	98	2	90
14 TCFW6-187	1262	(36)	134	33	10	95	3	81
15 TCFW6-140	2186	(27)	121	34	25	95	3	73
16 TCFW6-107	1093	(39)	132	31	13	95	3	77
17 10.0861	1093	(40)	129	35	30	93	3	79
18 DH 10.1044	2191	(26)	126	31	8	77	3	41
19 DH120032	2756	(20)	113	33	5	10	3	52
20 DH120046	985	(41)	141	33	7	5	2	7
21 DH120186	2464	(24)	108	32	15	25	2	58
22 DH120228	2758	(19)	112	27	25	23	2	71
23 DH120271	321	(52)	139	25	2	5	2	3
24 DH120276	3213	(12)	125	28	18	15	1	69
25 DH130048	575	(50)	125	37	7	8	3	7
26 DH130039	3032	(14)	119	31	18	17	3	49
27 DH130045	2172	(28)	118	37	67	97	3	84
28 DH130004	2312	(25)	119	32	30	95	2	65
29 DH130131	1931	(30)	120	29	5	82	2	80
30 DH120412	3288	(11)	110	36	32	93	2	76
31 DH120479	3666	(7)	125	31	7	73	2	88
32 DH120293	1919	(31)	123	27	32	95	3	81
33 DH130864	1976	(29)	131	35	15	92	3	43
34 DH130939	3773	(6)	120	30	17	87	2	63
35 DH130590	3298	(10)	138	27	7	50	2	30
36 DH130860	2803	(18)	128	33	33	78	3	86
37 DH130935	3322	(9)	126	27	8	92	2	84
39 DH130533	631	(49)	125	30	28	95	3	11
40 DH130718	4838	(2)	113	30	7	15	2	77
41 DH130762	1906	(32)	122	33	62	97	3	59
42 DH130765	3345	(8)	115	30	7	23	3	66
43 DH130328	2909	(17)	122	35	12	62	2	77

Entry Name	Yield (lbs/ac)	Rank	Heading (DOY)	Plant Height (in)	Brackling (%)	Leaf Rust (%)	BYDV (0-3)	Winter Survival (%)
44 DH130909	2643	(21)	118	30	12	100	2	83
45 DH130910	6099	(1)	127	29	25	50	1	90
46 DH130709	3094	(13)	107	28	37	98	2	86
47 10.0904	2478	(23)	118	32	15	85	2	75
48 10.0925	2934	(16)	120	27	18	55	3	73
49 Violetta	4837	(3)	116	28	5	65	1	90
50 04/028/36	3895	(4)	123	26	22	63	2	83
51 SC 11203	2504	(22)	121	27	15	75	3	93
52 SC 11213	3883	(5)	130	22	8	70	2	81
Mean	2240.8		124.7	30.8	22.1	68.8	2.4	64.1
LSD (0.05)	896.6		4.9	7.2	15.3	14.3	0.6	16.4
CV	29.5		2.9	17.2	51.2	15.4	17.6	18.9
No. of Reps	3		3	3	3	3	3	3

Table 6. MALT Entry list and Pedigrees

(2014-15 Oregon Malt Barley Advanced Yield Trial)

Entry	Name	Type	Use	Parentage
1	DH120026	2	Malt	Maris Otter/BCD47
2	DH120036	2	Malt	Maris Otter/BCD47
3	DH120104	2	Malt	Wintmalt/Charles//BCD47
4	DH120112	2	Malt	Maris Otter/BCD47
5	DH120143	2	Malt	Maris Otter/BCD47
6	DH120175	2	Malt	Maris Otter/BCD47
7	DH120178	2	Malt	Maris Otter/BCD47
8	DH120193	2	Malt	Wintmalt/Charles//BCD47
9	DH120197	2	Malt	Wintmalt/Charles//BCD47
10	DH120201	2	Malt	Maris Otter/BCD47
11	DH120203	2	Malt	Maris Otter/BCD47
12	DH120204	2	Malt	Maris Otter/BCD47
13	DH120206	2	Malt	Maris Otter/BCD47
14	DH120232	2	Malt	Wintmalt/Charles//BCD47
15	DH120304	2	Malt	Maris Otter/BCD47
16	DH130724	2	Malt	SHORT11-10 (TC6W261)/3/LPZ76/Charles//BCD47
17	DH130735	2	Malt	BCD47/VIOLETTA
18	DH131038	2	Malt	KW2-043/OR104
19	DH131055	2	Malt	OR818/KW2-042
20	DH131064	2	Malt	05-5401/01/MARIS OTTER/BCD47
21	DH131067	2	Malt	BCD47/VIOLETTA
22	DH131110	2	Malt	OR818/KW2-042
23	DH131127	2	Malt	KW2-043/OR104
24	DH131142	2	Malt	BCD47/VIOLETTA
25	DH131143	2	Malt	BCD47/VIOLETTA
26	DH131145	2	Malt	BCD47/VIOLETTA
27	DH131153	2	Malt	KW2-042/OR910
28	DH131184	2	Malt	OR818/KW2-042
29	DH131191	2	Malt	OR818/KW2-042
30	DH131198	2	Malt	12OR019 (TC6W-032)/ENDEAVOR
31	DH131283	2	Malt	OR818/KW2-042
32	DH131288	2	Malt	12OR019 (TC6W-032)/ENDEAVOR
33	DH131333	2	Malt	BCD47/VIOLETTA
34	DH131444	2	Malt	OR818/VIOLETTA
35	DH131528	2	Malt	OR910/05-5401/05
36	DH131994	2	Malt	VIOLETTA/BCD47
37	DH132008	2	Malt	OR104/GOLDEN P./BCD47
38	DH132018	2	Malt	VIOLETTA/BCD47
39	DH132020	2	Malt	BCD47/VIOLETTA
40	DH132158	2	Malt	OR101/BCD47
41	120571	2	Malt	OR76/Pewter
42	120593	2	Malt	OR76/Pewter
43	DH120015	2	Malt	Maris Otter/BCD47

Entry	Name	Type	Use	Parentage
44	DH120052	2	Malt	Maris Otter/BCD47
45	DH120076	2	Malt	Maris Otter/BCD47
46	DH120077	2	Malt	Maris Otter/BCD47
47	DH120110	2	Malt	Maris Otter/BCD47
48	DH120160	2	Malt	Maris Otter/BCD47
49	DH120182	2	Malt	Maris Otter/BCD47
50	DH120188	2	Malt	Maris Otter/BCD47
51	DH120200	2	Malt	Maris Otter/BCD47
52	DH120205	2	Malt	Maris Otter/BCD47
53	DH120238	2	Malt	Maris Otter/BCD47
54	DH120242	2	Malt	Maris Otter/BCD47
55	DH120243	2	Malt	Maris Otter/BCD47
56	DH133487	2	Malt	05-5401/05/BCD47
57	DH133897	2	Malt	Violetta/Charles//BCD47
58	DH133898	2	Malt	Endeavor/Violetta//BCD47
59	DH133900	2	Malt	Endeavor/Violetta//BCD47
60	DH133967	2	Malt	Violetta/Charles//BCD47
61	DH133970	2	Malt	Violetta/Charles//BCD47
62	DH133971	2	Malt	Endeavor/Violetta//BCD47
63	DH133972	2	Malt	Endeavor/Violetta//BCD47
64	DH133973	2	Malt	Endeavor/Violetta//BCD47
65	DH133974	2	Malt	Endeavor/Violetta//BCD47
66	DH140082	2	Malt	Violetta/Charles//BCD47
67	DH140083	2	Malt	Violetta/Charles//BCD47
68	DH140084	2	Malt	Violetta/Charles//BCD47
69	DH140088	2	Malt	Violetta/Charles//BCD47
70	DH140182	2	Malt	Violetta/Charles//BCD47
71	DH140184	2	Malt	Violetta/Charles//BCD47
72	DH140187	2	Malt	Endeavor/Violetta//BCD47
73	DH140188	2	Malt	Endeavor/Violetta//BCD47
74	DH140189	2	Malt	Endeavor/Violetta//BCD47
75	DH140192	2	Malt	Endeavor/Violetta//BCD47
76	DH140194	2	Malt	Endeavor/Violetta//BCD47
77	Charles	2	Malt	
78	Wintmalt	2	Malt	
79	10.0777	2	Malt	
80	10.0860	2	Malt	
81	04/028/36	2	Malt	

Table 7. MALT for Corvallis, OR in 2014-15

(2014-15 Oregon Malt Barley Advanced Yield Trial)

Entry Name	Yield		Heading (DOY)	Plant		Lodging (%)	Brackling (%)	Bird Damage (%)	Barley		Scald (%)	Agronomic Score (1-9)
	(lbs/ac)	Rank		Height (in)	Stripe Rust (%)							
1 DH120026	5914	(23)	104	33	0	0	0	0	8	63	6	
2 DH120036	4218	(68)	90	37	8	40	3	0	0	88	8	
3 DH120104	5975	(20)	105	34	0	3	3	0	0	20	5	
4 DH120112	4614	(64)	91	35	5	20	0	0	0	88	6	
5 DH120143	5745	(29)	91	37	3	8	5	25	25	25	6	
6 DH120175	5705	(32)	94	35	0	3	0	3	3	25	6	
7 DH120178	6509	(12)	86	37	5	28	8	3	3	15	6	
8 DH120193	3736	(73)	108	38	15	20	8	0	0	88	7	
9 DH120197	2550	(81)	126	26	0	0	0	0	0	68	7	
10 DH120201	6146	(17)	98	41	43	20	8	15	15	20	8	
11 DH120203	6210	(16)	86	39	8	30	5	3	3	8	6	
12 DH120204	3337	(78)	111	35	48	8	5	3	3	85	8	
13 DH120206	5400	(43)	105	35	18	18	0	15	15	83	6	
14 DH120232	3937	(71)	107	40	3	8	8	0	0	70	6	
15 DH120304	5457	(40)	116	23	0	0	0	20	20	5	5	
16 DH130724	4643	(63)	98	43	60	28	13	5	5	10	8	
17 DH130735	7029	(6)	104	31	0	3	0	3	3	30	4	
18 DH131038	5947	(21)	99	41	18	18	5	10	10	65	6	
19 DH131055	5684	(34)	118	47	3	0	5	0	0	13	4	
20 DH131064	4951	(56)	97	44	3	3	25	15	15	20	5	
21 DH131067	6999	(7)	109	26	0	0	0	0	0	13	6	
22 DH131110	4669	(62)	114	51	8	10	18	0	0	55	6	
23 DH131127	5397	(44)	93	41	0	8	8	0	0	10	6	
24 DH131142	6720	(10)	91	33	3	15	3	0	0	40	6	
25 DH131143	8212	(1)	92	43	35	30	3	0	0	5	7	
26 DH131145	5348	(45)	107	44	0	0	0	0	0	5	4	
27 DH131153	4437	(67)	115	39	0	0	3	15	15	50	6	
28 DH131184	4590	(65)	110	44	0	3	8	0	0	25	6	
29 DH131191	6071	(18)	110	47	15	5	13	0	0	13	5	
30 DH131198	5501	(38)	109	46	18	0	0	18	18	10	6	
31 DH131283	5258	(48)	115	40	3	18	0	0	0	85	6	
32 DH131288	5827	(27)	96	44	48	13	13	0	0	18	7	
33 DH131333	4913	(59)	113	28	0	8	0	5	5	88	6	
34 DH131444	4139	(69)	109	48	5	3	35	0	0	8	5	
35 DH131528	3716	(74)	125	42	13	5	10	0	0	13	5	
36 DH131994	6532	(11)	99	48	0	0	3	0	0	10	4	
37 DH132008	5095	(52)	106	41	68	13	5	0	0	13	8	
39 DH132020	7446	(3)	89	41	5	28	0	0	0	70	6	
40 DH132158	6347	(13)	111	31	0	0	0	0	0	40	5	
41 120571	5869	(25)	110	39	13	5	0	0	0	73	6	
42 120593	5698	(33)	97	44	18	10	0	0	0	33	6	
43 DH120015	4967	(55)	102	41	10	5	13	8	8	30	6	
44 DH120052	7062	(5)	90	40	5	10	5	0	0	40	6	
45 DH120076	5083	(53)	87	34	0	10	0	0	0	75	7	
46 DH120077	4513	(66)	90	34	5	45	0	0	0	90	7	
47 DH120110	5233	(49)	94	34	55	10	3	3	3	65	8	
48 DH120160	5496	(39)	87	35	18	28	3	10	10	35	7	
49 DH120182	3491	(77)	96	33	65	25	3	3	3	90	8	
50 DH120188	4922	(58)	104	39	63	15	8	0	0	88	8	
51 DH120200	5280	(47)	114	43	23	13	5	5	5	58	7	
52 DH120205	5104	(51)	111	23	0	0	0	5	5	93	7	
53 DH120238	5874	(24)	94	38	13	18	0	8	8	40	7	
54 DH120242	3991	(70)	93	35	58	20	5	0	0	88	8	
55 DH120243	3608	(75)	93	34	33	35	0	0	0	90	8	
56 DH133487	3117	(79)	114	25	0	0	0	0	0	93	7	

Entry Name	Yield		Heading (DOY)	Plant	Lodging (%)	Brackling (%)	Bird	Barley	Scald (%)	Agronomic
	(lbs/ac)	Rank		Height (in)			Damage (%)	Stripe Rust (%)		Score (1-9)
57 DH133897	7904	(2)	103	28	0	3	0	3	48	5
58 DH133898	5736	(30)	87	39	5	30	5	0	50	6
59 DH133900	5713	(31)	95	44	3	8	5	0	75	6
60 DH133967	6229	(15)	98	47	8	18	5	0	30	6
61 DH133970	4936	(57)	121	22	0	0	0	0	35	6
62 DH133971	5640	(36)	88	36	5	33	5	0	83	6
63 DH133972	5424	(42)	86	37	0	20	3	3	73	6
64 DH133973	6820	(8)	90	41	15	13	8	0	15	6
65 DH133974	6334	(14)	86	39	5	18	5	3	48	6
66 DH140082	5603	(37)	89	40	0	3	15	0	8	6
67 DH140083	5925	(22)	106	28	0	0	0	0	5	4
68 DH140084	3550	(76)	116	25	0	0	0	5	88	7
69 DH140088	6809	(9)	109	41	0	0	0	10	18	4
70 DH140182	6070	(19)	106	28	0	0	0	3	5	4
71 DH140184	5318	(46)	105	46	5	5	8	3	25	4
72 DH140187	4895	(60)	110	26	0	0	0	0	70	6
73 DH140188	7319	(4)	109	33	0	0	0	3	20	4
74 DH140189	5665	(35)	92	46	8	5	10	0	35	6
75 DH140192	5832	(26)	87	41	5	15	3	3	65	6
76 DH140194	5446	(41)	111	27	0	0	0	0	78	6
77 Charles	5180	(50)	103	41	13	20	3	0	93	6
78 Wintmalt	4816	(61)	113	36	0	3	0	18	80	6
79 10.0777	5059	(54)	105	43	0	5	10	20	55	6
80 10.0860	3089	(80)	106	35	0	28	0	0	95	7
81 04/028/36	3847	(72)	108	41	0	0	25	3	5	6
Mean	5372.2		101.8	37.1	11.1	10.8	4.5	3.4	46.5	5.9
LSD (0.05)	1130.5		1.6	7.2	13.5	10.8	7.1	4.7	25.4	1.1
CV	12.6		1.0	11.7	73.3	59.9	94.9	84.0	32.8	11.0
No. of Reps	2		2	2	2	2	2	2	2	2

Table 8. MALT for Lebanon, OR in 2014-15

(2014-15 Oregon Malt Barley Advanced Yield Trial)

Entry	Name	Yield (lbs/ac)	Rank	Heading (DOY)	Plant		Lodging (%)	Brackling (%)	Barley		Agronomic Score (0-10)
					Height (in)				Stripe Rust (%)	Scald (%)	
1	DH120026	5690	(46)	125	32	0	0	10	15	7	
2	DH120036	6134	(36)	109	41	0	15	5	55	6	
3	DH120104	6624	(30)	125	41	0	15	0	0	8	
4	DH120112	6536	(31)	113	41	0	5	5	40	7	
5	DH120143	3697	(68)	120	46	0	5	75	5	4	
6	DH120175	6463	(34)	120	43	0	10	15	5	6	
7	DH120178	8064	(9)	109	41	10	5	5	0	7	
8	DH120193	5035	(58)	117	41	10	40	0	50	5	
9	DH120197	4000	(67)	-	36	0	5	0	40	7	
10	DH120201	4553	(64)	113	44	0	40	85	15	4	
11	DH120203	6684	(29)	109	41	0	15	25	5	8	
12	DH120204	5001	(61)	123	44	0	10	15	50	7	
13	DH120206	5337	(52)	122	40	0	10	30	30	6	
14	DH120232	7855	(11)	118	47	0	10	0	20	7	
15	DH120304	6511	(32)	125	46	0	5	50	0	8	
16	DH130724	5650	(47)	115	48	10	50	15	5	6	
17	DH130735	5551	(48)	123	30	0	10	5	5	6	
18	DH131038	6705	(28)	122	43	0	5	20	10	7	
19	DH131055	7742	(13)	125	46	0	5	0	5	8	
20	DH131064	7398	(18)	119	53	0	5	5	5	8	
21	DH131067	5865	(43)	120	32	0	0	0	5	6	
22	DH131110	7773	(12)	123	52	0	10	0	10	7	
23	DH131127	8279	(5)	118	48	0	5	10	0	7	
24	DH131142	7400	(17)	115	44	0	15	0	5	7	
25	DH131143	10049	(1)	109	48	0	10	0	0	7	
26	DH131145	6796	(27)	120	46	0	0	0	5	6	
27	DH131153	4692	(63)	125	47	0	0	10	30	4	
28	DH131184	7727	(14)	121	51	0	10	0	10	6	
29	DH131191	8162	(8)	122	48	0	0	0	5	7	
30	DH131198	7129	(20)	120	54	0	0	5	5	7	
31	DH131283	5926	(41)	129	50	10	40	0	45	5	
32	DH131288	7613	(16)	109	52	20	50	0	50	5	
33	DH131333	5359	(51)	131	31	0	10	0	35	7	
34	DH131444	8201	(7)	121	54	10	20	0	5	5	
35	DH131528	5220	(54)	136	56	90	10	0	0	3	
36	DH131994	8228	(6)	120	48	0	0	0	5	7	
37	DH132008	4158	(66)	117	40	100	60	0	5	1	
39	DH132020	8011	(10)	110	46	0	0	0	15	8	
40	DH132158	4870	(62)	124	35	0	20	0	60	6	
41	120571	6042	(39)	123	48	0	15	0	35	7	
42	120593	7135	(19)	119	50	0	10	0	20	8	
43	DH120015	5903	(42)	110	48	20	30	0	10	5	
44	DH120052	6976	(23)	111	46	0	5	5	15	6	
45	DH120076	5403	(50)	112	41	0	10	0	20	6	
46	DH120077	5510	(49)	113	46	10	80	0	70	4	
47	DH120110	6504	(33)	113	43	80	20	0	60	3	
48	DH120160	4515	(65)	113	41	0	15	5	5	4	
49	DH120182	3286	(69)	113	44	0	80	0	30	2	
50	DH120188	5008	(59)	117	38	0	40	0	15	6	
51	DH120200	5852	(44)	122	46	0	30	0	5	5	
52	DH120205	6080	(37)	122	32	0	20	0	50	6	
53	DH120238	6953	(24)	111	41	0	15	5	30	7	
54	DH120242	5826	(45)	111	45	40	30	0	40	6	
55	DH120243	5183	(56)	111	45	0	80	0	80	3	
56	DH133967	8296	(4)	113	50	0	15	0	5	8	

Entry	Name	Yield (lbs/ac)	Rank	Plant			Barley		Agronomic Score (0-10)	
				Heading (DOY)	Height (in)	Lodging (%)	Brackling (%)	Stripe Rust (%)		Scald (%)
57	DH133971	7014	(22)	109	46	0	10	0	20	7
58	DH140083	5004	(60)	127	35	0	0	0	0	7
59	DH140084	5248	(53)	133	31	0	0	0	20	7
60	DH140088	8382	(3)	112	40	0	0	0	5	9
61	DH140182	5998	(40)	128	30	0	0	0	0	8
62	DH140184	9192	(2)	120	48	0	5	5	5	7
63	DH140188	7722	(15)	127	35	0	0	0	10	7
64	DH140192	6920	(25)	109	39	0	10	5	20	7
Chk1	Charles	5197	(55)	123	47	0	100	0	60	4
Chk2	Wintmalt	6078	(38)	133	37	0	0	5	15	8
Chk3	10.0777	5177	(57)	118	40	0	15	30	65	7
Chk4	10.0860	6901	(26)	121	39	0	40	0	75	7
Chk5	04/028/36	7098	(21)	118	46	0	5	5	5	7
Mean		6367.7		118.9	43.2	5.9	17.5	6.6	21.2	6.2

Table 9. OMPYT Entry List & Pedigrees

(2014-15 Oregon Malting Barley Preliminary Yield Trial)

Entry	Name	Type	Use	Parentage
1	DH130696	2	Malt	OR101/HERZ 29494/2991 (35)
2	DH131201	2	Malt	BCD47/VIOLETTA
3	DH131207	2	Malt	BCD47/VIOLETTA
4	DH131406	2	Malt	KW2-043/OR104
5	DH131417	2	Malt	05-5401/01/MARIS OTTER/BCD47
6	DH131431	2	Malt	VIOLETTA/BCD47
7	DH131519	2	Malt	VIOLETTA/BCD47
8	DH131523	2	Malt	VIOLETTA/BCD47
9	DH131546	2	Malt	OR818/HERZ 29527/2062 (106)
10	DH131581	2	Malt	OR91/HERZ 29527/2062 (106)
11	DH131595	2	Malt	BCD47/VIOLETTA
12	DH131636	2	Malt	KW2-042/OR91
13	DH131638	2	Malt	VIOLETTA/BCD47
14	DH131639	2	Malt	VIOLETTA/BCD47
15	DH131644	2	Malt	VIOLETTA/BCD47
16	DH131653	2	Malt	VIOLETTA/BCD47
17	DH131665	2	Malt	OR818/KW2-042
18	DH131671	2	Malt	BCD47/VIOLETTA
19	DH131678	2	Malt	OR818/HERZ 29527/2062 (106)
20	DH131679	2	Malt	BCD47/VIOLETTA
21	DH131738	2	Malt	OR910/05-5401/05
22	DH131742	2	Malt	VIOLETTA/BCD47
23	DH131745	2	Malt	VIOLETTA/BCD47
24	DH131749	2	Malt	VIOLETTA/BCD47
25	DH131753	2	Malt	VIOLETTA/BCD47
26	DH131761	2	Malt	BCD47/VIOLETTA
27	DH131786	2	Malt	VIOLETTA/BCD47
28	DH131787	2	Malt	VIOLETTA/BCD47
29	DH131804	2	Malt	OR101/BCD47
30	DH131866	2	Malt	VIOLETTA/BCD47
31	DH131871	2	Malt	VIOLETTA/BCD47
32	DH131886	2	Malt	VIOLETTA/BCD47
33	DH131890	2	Malt	OR91/VIOLETTA
34	DH131893	2	Malt	VIOLETTA/BCD47
35	DH131896	2	Malt	VIOLETTA/BCD47
36	DH131937	2	Malt	VIOLETTA/BCD47
37	DH131938	2	Malt	VIOLETTA/BCD47
38	DH131942	2	Malt	OR818/KW2-042
39	DH131944	2	Malt	VIOLETTA/BCD47
41	DH131998	2	Malt	VIOLETTA/BCD47
42	DH132003	2	Malt	VIOLETTA/BCD47
43	DH132006	2	Malt	VIOLETTA/BCD47

Entry	Name	Type	Use	Parentage
44	DH132007	2	Malt	VIOLETTA/BCD47
45	DH132012	2	Malt	VIOLETTA/BCD47
46	DH132048	2	Malt	KW2-042/BCD47
47	DH132147	2	Malt	OR818/KW2-042
48	DH132169	2	Malt	VIOLETTA/BCD47
49	DH132170	2	Malt	VIOLETTA/BCD47
50	DH132184	2	Malt	VIOLETTA/BCD47
51	DH132308	2	Malt	05-5401/05/BCD47
52	DH132609	2	Malt	BCD47/VIOLETTA
53	DH132610	2	Malt	OR910/05-5401/01
54	DH130483	2	Malt	OR910/MARIS OTTER/BCD47
55	DH130633	2	Malt	OR92/BCD47
56	DH130859	2	Malt	OR818/ENDEAVOR
57	DH131053	2	Malt	OR818/KW2-042
58	DH131126	2	Malt	KW2-044/OR104
59	DH131203	2	Malt	BCD47/VIOLETTA
60	DH131209	2	Malt	BCD47/VIOLETTA
61	DH131407	2	Malt	BCD47/VIOLETTA
62	DH131433	2	Malt	VIOLETTA/BCD47
63	DH131454	2	Malt	OR818/CHARLES
64	DH131514	2	Malt	VIOLETTA/BCD47
65	DH131525	2	Malt	VIOLETTA/BCD47
66	DH131585	2	Malt	BCD47/VIOLETTA
67	DH131587	2	Malt	OR91/HERZ 29527/2062 (106)
68	DH131596	2	Malt	BCD47/VIOLETTA
69	DH131597	2	Malt	BCD47/VIOLETTA
70	DH131606	2	Malt	OR91/HERZ 29527/2062 (106)
71	DH131622	2	Malt	OR818/HERZ 29527/2062 (106)
72	DH131627	2	Malt	OR818/HERZ 29527/2062 (106)
73	DH131642	2	Malt	VIOLETTA/BCD47
74	DH131645	2	Malt	VIOLETTA/BCD47
75	DH131647	2	Malt	VIOLETTA/BCD47
76	DH131744	2	Malt	VIOLETTA/BCD47
77	DH131754	2	Malt	VIOLETTA/BCD47
78	DH131755	2	Malt	VIOLETTA/BCD47
79	DH131759	2	Malt	VIOLETTA/BCD47
80	DH131772	2	Malt	VIOLETTA/BCD47
81	DH131860	2	Malt	VIOLETTA/BCD47
82	DH131870	2	Malt	VIOLETTA/BCD47
83	DH131892	2	Malt	VIOLETTA/BCD47
84	DH131897	2	Malt	VIOLETTA/BCD47
85	DH131930	2	Malt	VIOLETTA/BCD47
86	DH131940	2	Malt	VIOLETTA/BCD47
87	DH131995	2	Malt	VIOLETTA/BCD47
88	DH132001	2	Malt	VIOLETTA/BCD47
89	DH132153	2	Malt	OR910/VIOLETTA

Entry	Name	Type	Use	Parentage
90	DH132160	2	Malt	10467q5 /BCD47
91	DH132168	2	Malt	10467q5 /BCD47
92	DH132212	2	Malt	ENDEAVOR/VIOLETTA
93	DH132394	2	Malt	ENDEAVOR/VIOLETTA
94	DH132500	2	Malt	10467q5 /BCD47
95	DH132541	2	Malt	ENDEAVOR/VIOLETTA
96	DH132557	2	Malt	05-5401/05/BCD47
97	DH132914	2	Malt	OR818/KW2-041
98	DH133034	2	Malt	ENDEAVOR/VIOLETTA
99	DH133262	2	Malt	OR818/KW2-041
100	DH131569	2	Malt	VIOLETTA/BCD47
101	DH131911	2	Malt	VIOLETTA/BCD47
102	DH131926	2	Malt	VIOLETTA/BCD47
103	DH132281	2	Malt	ENDEAVOR/VIOLETTA
104	DH132432	2	Malt	VIOLETTA/CHARLES
105	DH133424	2	Malt	05-5401/05/BCD47
106	DH133488	2	Malt	05-5401/05/BCD47
107	DH133576	2	Malt	05-5401/05/BCD47
108	DH133670	2	Malt	05-5401/05/BCD47
109	DH133899	2	Malt	Endeavor/Violetta//BCD47
110	DH133901	2	Malt	Endeavor/Violetta//BCD47
111	DH133968	2	Malt	Violetta/Charles//BCD47
112	DH140086	2	Malt	Violetta/Charles//BCD47
113	DH140087	2	Malt	Violetta/Charles//BCD47
114	DH140093	2	Malt	Endeavor/Violetta//BCD47
115	DH140181	2	Malt	Violetta/Charles//BCD47
116	DH140183	2	Malt	Violetta/Charles//BCD47
117	DH140185	2	Malt	Violetta/Charles//BCD47
118	DH140190	2	Malt	Endeavor/Violetta//BCD47
119	DH133350	2	Malt	OR910/HERZ 29591/3141 (110)
120	DH133351	2	Malt	OR910/HERZ 29591/3141 (110)
121	DH133352	2	Malt	OR910/HERZ 29591/3141 (110)
122	DH133421	2	Malt	05-5401/01/OR818
123	DH133423	2	Malt	05-5401/05/BCD47
124	DH133425	2	Malt	05-5401/05/BCD47
125	DH133577	2	Malt	05-5401/05/BCD47
126	DH133578	2	Malt	05-5401/05/BCD47
127	DH140191	2	Malt	Endeavor/Violetta//BCD47
128	Charles	2	Malt	
129	Wintmalt	2	Malt	
130	10.0777	2	Malt	
131	10.0860	2	Malt	
132	04/028/36	2	Malt	

Table 10. OMPYT for Corvallis, OR in 2014-15

(2014-15 Oregon Malting Barley Preliminary Yield Trial)

Entry Name	Yield (lbs/ac)	Heading (DOY)	Plant		Straw		Stripe	Bird	Agronomic
			Height (in)	Lodging (%)	Breakage (%)	Scald (1-5)	Rust (1-5)	Damage (%)	Score (1-9)
1 DH130696	3767	117	48	0	5	2	2	35	5
2 DH131201	6965	87	37	0	30	1	1	5	7
3 DH131207	6590	104	19	5	5	1	1	5	6
4 DH131406	6898	110	44	5	5	2	3	5	6
5 DH131417	4400	113	43	40	5	2	1	15	7
6 DH131431	5290	90	43	0	0	2	1	10	7
7 DH131519	6106	94	34	0	0	4	2	0	7
8 DH131523	5911	88	41	0	5	3	2	10	6
9 DH131546	5224	106	52	50	5	1	1	5	7
10 DH131581	4066	107	48	35	5	4	2	5	7
11 DH131595	4193	90	42	15	15	4	1	20	7
12 DH131636	5645	114	48	15	0	2	1	10	6
13 DH131638	5897	109	46	10	5	2	2	0	5
14 DH131639	5883	108	50	20	10	2	1	5	6
15 DH131644	5361	93	45	45	10	4	1	20	7
16 DH131653	4720	95	35	20	15	5	1	5	7
17 DH131665	5134	115	49	5	0	2	4	10	7
18 DH131671	4290	110	42	25	5	2	1	5	7
19 DH131678	4016	95	43	5	5	1	1	30	6
20 DH131679	6465	109	29	0	0	2	1	0	5
21 DH131738	5921	114	37	5	0	1	2	0	4
22 DH131742	6712	104	40	15	0	1	1	5	6
23 DH131745	7384	109	49	15	10	1	2	0	5
24 DH131749	4145	92	46	0	10	1	1	15	6
25 DH131753	6146	106	43	0	0	1	2	0	5
26 DH131761	3869	90	41	10	10	2	1	30	6
27 DH131786	7565	90	39	0	15	2	1	5	6
28 DH131787	5798	110	43	0	5	2	1	5	5
29 DH131804	4024	110	48	35	0	1	1	5	7
30 DH131866	5214	106	44	40	10	3	2	10	7
31 DH131871	6622	90	42	5	25	2	1	15	7
32 DH131886	4867	108	44	20	5	5	1	0	6
33 DH131890	6484	113	46	0	0	2	1	0	4
34 DH131893	5977	103	43	60	0	2	1	0	7
35 DH131896	4704	120	28	0	0	2	2	0	6
36 DH131937	7523	90	42	0	0	2	1	0	6
37 DH131938	7667	106	32	0	0	2	1	0	4
39 DH131944	6062	92	44	10	5	3	1	5	6
40 DH131997	7463	106	30	0	0	2	1	0	5
41 DH131998	6001	92	43	10	10	2	1	10	6
42 DH132003	6772	92	46	15	20	2	1	10	7
43 DH132006	2986	87	38	0	0	2	1	55	8
44 DH132007	7756	109	33	0	0	3	1	0	5
45 DH132012	6543	107	49	35	10	2	1	0	6
46 DH132048	3640	90	46	15	5	2	2	30	7
47 DH132147	3671	118	48	5	0	2	2	10	6
48 DH132169	6792	86	34	0	15	1	1	0	6
49 DH132170	5420	92	44	35	20	4	1	20	8
50 DH132184	4279	88	42	10	5	2	1	30	7
51 DH132308	4414	90	37	0	5	4	1	25	6
52 DH132609	4425	107	45	5	0	2	2	15	6
53 DH132610	4170	111	41	0	0	3	2	5	7
54 DH130483	6833	104	52	50	0	3	1	5	7

Entry Name	Yield (lbs/ac)	Heading (DOY)	Plant Height (in)	Lodging (%)	Straw Breakage (%)	Scald (1-5)	Stripe Rust (1-5)	Bird Damage (%)	Agronomic Score (1-9)
55 DH130633	4325	110	44	35	0	3	2	10	7
56 DH130859	6232	92	46	25	15	4	1	5	7
57 DH131053	3851	119	42	0	0	1	1	0	4
58 DH131126	6926	112	47	30	5	2	1	5	5
59 DH131203	5143	106	44	20	0	2	2	5	7
60 DH131209	5384	104	49	60	10	3	1	5	7
61 DH131407	5128	90	37	60	40	4	1	15	8
62 DH131433	8188	86	37	15	15	2	2	5	6
63 DH131454	3905	113	41	0	5	5	1	0	6
64 DH131514	8375	92	34	0	0	1	1	0	6
65 DH131525	4521	92	42	0	0	2	1	20	5
66 DH131585	4944	113	26	0	0	3	1	0	5
67 DH131587	4338	95	49	40	10	2	1	25	7
68 DH131596	6875	101	32	0	0	4	1	0	6
69 DH131597	6533	90	43	5	0	3	1	5	5
70 DH131606	5226	112	48	10	5	2	1	5	6
71 DH131622	3827	109	46	25	15	3	2	10	7
72 DH131627	5233	104	43	35	15	3	1	10	6
73 DH131642	6530	105	44	35	5	2	2	5	6
74 DH131645	5394	90	39	0	5	3	1	5	6
75 DH131647	2947	87	35	0	0	2	1	50	7
76 DH131744	6422	106	31	0	0	2	1	0	4
77 DH131754	7230	105	39	30	10	2	1	0	7
78 DH131755	6447	90	46	35	10	1	1	10	7
79 DH131759	6754	90	39	15	5	1	1	0	6
80 DH131772	3350	108	48	5	5	1	1	30	7
81 DH131860	4646	110	42	0	5	1	1	0	6
82 DH131870	5076	125	26	0	0	2	2	0	5
83 DH131892	6277	110	41	0	0	2	1	5	4
84 DH131897	1884	109	45	0	0	2	1	45	7
85 DH131930	4671	106	42	0	0	2	1	5	5
86 DH131940	5449	90	43	25	15	1	2	15	7
87 DH131995	7093	102	26	0	0	2	1	0	6
88 DH132001	6794	107	33	0	0	4	1	0	6
89 DH132153	2801	111	47	30	0	2	1	30	7
90 DH132160	4416	108	50	15	5	3	2	5	6
91 DH132168	4798	111	48	15	0	2	1	0	5
92 DH132212	4943	111	44	5	15	3	1	5	5
93 DH132394	7325	101	44	40	10	4	1	0	6
94 DH132500	5138	107	40	0	5	1	1	0	7
95 DH132541	4558	92	44	0	10	3	1	10	6
96 DH132557	6172	90	41	10	5	2	1	15	6
97 DH132914	4312	111	42	0	0	4	1	0	6
98 DH133034	4602	113	41	10	20	4	1	5	7
99 DH133262	5013	106	44	0	0	5	1	0	5
100 DH131569	6585	94	44	0	0	2	1	0	4
101 DH131911	4637	109	45	35	15	4	1	5	7
102 DH131926	6386	87	39	0	0	2	2	0	6
103 DH132281	5393	108	43	0	0	2	1	5	4
104 DH132432	3390	113	45	10	0	2	2	60	7
105 DH133424	6369	94	30	0	5	3	1	0	6
106 DH133488	5255	92	35	5	0	2	2	15	6
107 DH133576	7757	106	47	45	15	2	2	5	7
108 DH133670	7138	116	26	0	0	2	1	0	5
109 DH133899	6287	102	34	0	10	3	1	0	6
110 DH133901	6220	88	41	0	10	2	1	5	7

Entry Name	Yield (lbs/ac)	Heading (DOY)	Plant Height (in)	Lodging (%)	Straw Breakage (%)	Scald (1-5)	Stripe Rust (1-5)	Bird Damage (%)	Agronomic Score (1-9)
111 DH133968	3577	92	38	30	5	3	1	40	7
112 DH140086	7722	113	43	20	10	2	2	0	5
113 DH140087	4949	90	42	5	5	2	1	15	6
114 DH140093	8438	106	31	0	5	2	2	0	5
115 DH140181	6677	100	41	15	15	2	2	5	6
116 DH140183	6175	87	41	0	5	2	1	5	7
117 DH140185	8590	105	26	0	0	2	2	0	5
118 DH140190	8336	104	34	0	0	2	1	0	6
119 DH133350	3961	106	42	0	0	3	3	25	5
120 DH133351	5584	107	44	0	5	2	3	10	7
121 DH133352	3311	113	36	0	5	2	1	0	6
122 DH133421	4364	119	39	0	0	2	1	20	7
123 DH133423	6829	92	43	0	10	4	2	10	6
124 DH133425	6815	90	44	5	5	2	1	5	6
125 DH133577	5750	112	41	0	0	1	2	5	4
126 DH133578	9611	107	35	0	0	2	2	0	4
127 DH140191	5690	106	28	0	0	4	1	0	6
128 Charles	4547	104	36	30	35	5	1	5	8
129 Wintmalt	3671	113	44	0	0	4	3	43	7
130 10.0777	6350	105	43	15	15	4	3	8	7
131 10.0860	2970	106	34	18	23	5	1	0	8
132 04/028/36	4130	108	42	0	0	2	2	23	7
Mean	5552.6	102.5	40.9	11.8	5.9	2.4	1.4	9.1	6.1

Table 11. OPYT Entry list and Pedigrees

(2015 Oregon Promise Yield Trial)

Entry	Name	Type	Use	Parentage
1	DH120058	2	Malt	Golden Promise/Full Pint
2	DH120145	2	Malt	Golden Promise/Full Pint
3	DH120166	2	Malt	Golden Promise/Full Pint
4	DH120020	2	Malt	Golden Promise/Full Pint
5	DH120031	2	Malt	Golden Promise/Full Pint
6	DH120089	2	Malt	Golden Promise/Full Pint
7	DH120090	2	Malt	Golden Promise/Full Pint
8	DH120156	2	Malt	Golden Promise/Full Pint
9	DH120285	2	Malt	Golden Promise/Full Pint
10	120314	2	Malt	Golden Promise/Full Pint
11	120329	2	Malt	Golden Promise/Full Pint
12	120330	2	Malt	Golden Promise/Full Pint
13	120331	2	Malt	Golden Promise/Full Pint
14	120341	2	Malt	Golden Promise/Full Pint
15	120363	2	Malt	Golden Promise/Full Pint
16	120365	2	Malt	Golden Promise/Full Pint
17	120366	2	Malt	Golden Promise/Full Pint
18	120374	2	Malt	Golden Promise/Full Pint
19	120381	2	Malt	Golden Promise/Full Pint
20	120384	2	Malt	Golden Promise/Full Pint
21	120510	2	Malt	Golden Promise/Full Pint
22	120516	2	Malt	Golden Promise/Full Pint
23	120520	2	Malt	Golden Promise/Full Pint
24	120521	2	Malt	Golden Promise/Full Pint
25	120529	2	Malt	Golden Promise/Full Pint
26	120536	2	Malt	Golden Promise/Full Pint
27	120543	2	Malt	Golden Promise/Full Pint
28	120657	2	Malt	Golden Promise/Full Pint
29	120661	2	Malt	Golden Promise/Full Pint
30	120671	2	Malt	Golden Promise/Full Pint
31	120691	2	Malt	Golden Promise/Full Pint
32	120709	2	Malt	Golden Promise/Full Pint
33	120715	2	Malt	Golden Promise/Full Pint
34	120731	2	Malt	Golden Promise/Full Pint
35	DH120263	2	Malt	Golden Promise/Full Pint
36	DH120185	2	Malt	Golden Promise/Full Pint
37	DH120283	2	Malt	Golden Promise/Full Pint
38	120322	2	Malt	Golden Promise/Full Pint
39	120325	2	Malt	Golden Promise/Full Pint
41	120342	2	Malt	Golden Promise/Full Pint
42	120359	2	Malt	Golden Promise/Full Pint
43	120373	2	Malt	Golden Promise/Full Pint

Entry	Name	Type	Use	Parentage
44	120380	2	Malt	Golden Promise/Full Pint
45	120526	2	Malt	Golden Promise/Full Pint
46	120537	2	Malt	Golden Promise/Full Pint
47	120654	2	Malt	Golden Promise/Full Pint
48	120744	2	Malt	Golden Promise/Full Pint
49	Golden Promise	2	Malt	
50	Full Pint	2	Malt	
51	Copeland	2	Malt	

Table 12. OPYT for Corvallis, OR in 2015

(2015 Oregon Promise Yield Trial)

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)	Heading (DOY)	Plant Height (in)
1 DH120058	3481	53	10	82	142	26
2 DH120145	4038	52	9	77	146	22
3 DH120166	3777	53	9	76	138	27
4 DH120020	3410	53	11	88	132	30
5 DH120031	3187	53	11	87	133	29
6 DH120089	3175	51	10	90	135	24
7 DH120090	3412	51	11	91	131	28
8 DH120156	4342	53	10	87	137	27
9 DH120285	3250	52	11	86	134	29
10 120314	3034	54	11	85	133	26
11 120329	4716	53	10	77	130	23
12 120330	3706	51	10	88	129	27
13 120331	3704	52	12	85	131	25
14 120341	4521	54	9	75	135	26
15 120363	4868	51	9	77	134	32
16 120365	4056	53	11	79	130	28
17 120366	3495	52	10	84	136	31
18 120374	4485	54	11	87	136	26
19 120381	4307	52	11	81	130	30
20 120384	5102	54	10	72	142	28
21 120510	4284	54	11	93	139	30
22 120516	4549	54	10	90	138	25
23 120520	4427	52	12	83	130	24
24 120521	4088	56	12	89	140	24
25 120529	3557	52	13	85	129	26
26 120536	4389	52	11	88	136	26
27 120543	3919	52	10	83	142	28
28 120657	3957	53	10	87	142	26
29 120661	5106	54	9	80	139	22
30 120671	3858	52	12	79	132	28
31 120691	3423	55	12	90	139	24
32 120709	4093	53	11	78	130	31
33 120715	4079	53	10	76	141	29
34 120731	4084	54	10	83	133	28
35 DH120263	2988	52	12	84	136	21
36 DH120185	3754	52	11	57	134	26
37 DH120283	3334	54	11	73	133	26
39 120325	4229	55	12	77	128	26
40 120338	3939	52	10	37	140	26
41 120342	3704	53	12	76	131	26

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)	Heading (DOY)	Plant Height (in)
42 120359	4188	54	10	39	143	20
43 120373	4948	55	10	77	130	32
44 120380	4030	51	10	43	134	24
45 120526	4322	55	11	66	133	29
46 120537	3887	52	11	50	136	23
47 120654	4522	51	9	79	139	21
48 120744	4444	54	10	61	134	28
49 Golden Promise	5052	55	10	62	140	28
50 Full Pint	4662	56	11	84	134	26
51 Copeland	4171	52	9	62	137	34
Mean	4046.6	52.9	10.6	77.4	135.0	26.5
LSD (0.05)	668.6	-	-	-	5.5	8.2
CV	9.9	2.5	8.5	16.9	2.4	18.3
No. of Reps	2	1	1	1	2	2

Table 13. OPYT for Lebanon, OR in 2015

(2015 Oregon Promise Yield Trial)

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)	Heading (DOY)	Plant Height (in)
1 DH120058	6858	53	12	89	142	31
2 DH120145	7949	53	10	88	149	31
3 DH120166	7715	51	11	86	149	32
4 DH120020	6226	55	13	93	137	43
5 DH120031	5941	54	12	94	139	43
6 DH120089	5860	51	10	95	142	43
7 DH120090	6086	53	12	94	139	35
8 DH120156	7099	54	10	93	136	38
9 DH120285	6383	51	12	90	138	33
10 120314	6888	54	12	88	137	36
11 120329	7149	52	12	80	139	37
12 120330	5301	50	13	92	136	43
13 120331	6096	51	12	93	136	35
14 120341	6877	52	10	82	143	31
15 120363	7100	51	9	86	139	35
16 120365	6757	54	12	90	136	34
17 120366	7505	52	10	94	139	38
18 120374	6723	54	10	89	140	31
19 120381	7286	55	10	93	138	39
20 120384	7579	54	11	82	143	33
21 120510	6379	52	12	94	141	36
22 120516	5543	52	11	88	142	29
23 120520	6523	51	12	89	136	31
24 120521	5134	53	14	90	138	27
25 120529	6583	52	12	94	135	37
26 120536	6467	51	11	88	141	33
27 120543	6452	53	10	90	146	30
28 120657	7389	52	10	90	143	30
29 120661	7700	51	10	86	145	31
30 120671	6500	51	11	94	138	33
31 120691	5603	53	12	95	137	31
32 120709	6284	51	10	94	138	38
33 120715	5901	53	12	89	140	28
34 120731	7473	52	11	91	139	36
49 Golden Promise	7135	53	10	85	139	33
50 Full Pint	7130	53	12	90	140	32
51 Copeland	7509	53	11	92	139	47
Mean	6677.7	52.4	11.1	90.0	139.5	34.6
LSD (0.05)	883.3	-	-	-	4.0	3.3
CV	7.8	2.3	9.3	4.2	1.7	5.7
No. of Reps	2	1	1	1	2	2

Table 14. OPYT for Madras, OR in 2015

(2015 Oregon Promise Yield Trial)

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)	Plant Height (in)	Lodging (%)
1 DH120058	7391	51	12	62	31	70
2 DH120145	6546	48	12	45	28	85
3 DH120166	6146	48	12	61	30	85
4 DH120020	6796	55	13	94	36	55
5 DH120031	6885	54	14	92	32	48
6 DH120089	6784	52	13	93	32	88
7 DH120090	7286	54	14	98	30	33
8 DH120156	6750	52	13	85	29	90
9 DH120285	7703	53	13	93	28	5
10 120314	8323	54	13	91	29	20
11 120329	6224	54	12	77	30	93
12 120330	6725	52	14	91	33	68
13 120331	7670	55	14	96	31	60
14 120341	8801	53	12	74	26	33
15 120363	6471	50	13	62	28	33
16 120365	7331	53	14	92	29	0
17 120366	7190	51	13	81	28	48
18 120374	7671	51	13	84	27	1
19 120381	7783	54	13	89	31	28
20 120384	6787	49	13	42	27	45
21 120510	7248	52	14	84	29	0
22 120516	8087	50	14	71	26	5
23 120520	7310	52	14	83	28	10
24 120521	7569	52	13	60	26	5
25 120529	6880	53	15	84	29	8
26 120536	7571	51	14	89	26	13
27 120543	5599	47	13	56	27	73
28 120657	7939	49	13	78	29	35
29 120661	7581	50	12	57	26	40
30 120671	7304	53	14	91	27	68
31 120691	7518	51	14	90	26	13
32 120709	6810	51	14	83	30	55
33 120715	7017	51	13	65	26	48
34 120731	7267	51	13	97	28	73
49 Golden Promise	6952	51	13	66	28	53
50 Full Pint	8107	53	13	88	30	0
51 Copeland	7201	51	13	92	40	48
Mean	7221.9	51.6	13.1	79.4	28.9	41.2
LSD (0.05)	974.3	-	-	-	2.2	43.0
CV	8.0	3.7	5.2	18.9	4.6	61.7
No. of Reps	2	1	1	1	2	2

Table 15. WMBT Entry list and Pedigrees

(2014-15 Winter Malting Barley Trial)

Entry	Name	Use	Source
1	Charles	Malt	Check
2	Strider	Feed	Check
3	McGregor	Feed	Check
4	08/258/17	Malt	Ackerman
5	SU Mateo	Malt	Ackerman
6	Flavia	Malt	Ackerman
7	06-OR-9	Malt	OSU
8	2011-F5-141-5	Malt	OSU
9	10.0860	Malt	OSU
10	Maja	Malt	OSU
11	02Ab431	Malt	USDA-Ab
12	02Ab669	Malt	USDA-Ab
13	02Ab671	Malt	USDA-Ab
14	05ARS540-125	Malt	USDA-Ab
15	04ARS635-89	Malt	USDA-Ab
16	04ARS640-1	Malt	USDA-Ab
17	Violetta	Malt	Limagrain
18	MW11S3029-010	Malt	UM
19	MW11S3034-006	Malt	UM
20	6W11-0003	Malt	AB InBev
21	6W11-0064	Malt	AB InBev
22	6W11-0071	Malt	AB InBev
23	SC 85942	Malt	Malteurope
24	Calypso	Malt	Malteurope

Table 16. WMBT for Corvallis, OR in 2014-15

(2014-15 Winter Malting Barley Trial)

Entry Name	Yield (lbs/ac)	Rank	Test		Plump (on 6/64) (%)	Heading (DOY)	Plant Height (in)	Lodging (%)	Brackling (%)	Barley		Agronomic Score (1-9)
			Weight (lbs/bu)	Protein (%)						Stripe Rust (%)	Scald (%)	
1 Charles	5611	(13)	48	10	81	103	34	5	40	0	93	7
2 Strider	6217	(6)	51	11	65	113	43	0	0	0	8	4
3 McGregor	10403	(3)	55	9	91	112	49	2	0	8	8	3
4 08/258/17	11984	(1)	56	11	97	107	44	0	3	1	5	3
5 SU Mateo	5747	(11)	52	10	81	109	44	0	3	0	13	5
6 Flavia	5138	(17)	51	11	67	114	38	0	0	3	47	5
7 06-OR-9	3009	(23)	49	11	76	120	34	0	0	0	57	6
8 2011-F5-141-5	4902	(20)	51	10	69	119	37	0	0	0	5	5
9 10.086	2489	(24)	49	12	79	107	26	0	7	0	93	8
10 Maja	6230	(5)	53	11	63	110	39	0	3	0	42	5
11 02Ab431	5384	(15)	49	10	70	106	41	33	10	0	80	6
12 02Ab669	6094	(8)	51	9	65	108	40	5	18	2	75	6
13 02Ab671	6171	(7)	52	9	79	109	43	3	27	0	72	6
14 05ARS540-125	3971	(22)	51	11	45	108	34	22	18	0	92	7
15 04ARS635-89	5597	(14)	49	9	60	112	43	23	33	0	63	7
16 04ARS640-1	5616	(12)	54	10	76	94	35	10	22	0	77	7
17 Violetta	5288	(16)	54	12	88	106	41	0	2	0	5	6
18 MW11S3029-010	6961	(4)	51	9	61	108	46	3	23	5	28	5
19 MW11S3034-006	5006	(18)	53	10	76	105	43	0	18	7	20	6
20 6W11-0003	11748	(2)	51	9	71	110	46	0	7	5	7	4
21 6W11-0064	4470	(21)	50	11	73	111	40	0	2	0	28	6
22 6W11-0071	5976	(9)	50	11	74	111	39	2	10	5	53	5
23 SC 85942	5830	(10)	52	10	81	116	34	0	0	0	47	5
24 Calypso	4918	(19)	51	12	83	113	41	0	2	4	5	4
Mean	6031.6		51.4	10.4	73.8	109.6	39.7	4.5	10.3	1.7	42.6	5.5
LSD (0.05)	763.8		-	-	-	1.5	3.2	7.6	8.7	2.1	13.5	0.6
CV	9.2		3.8	9.2	14.9	1.0	5.9	123.5	61.2	91.1	23.0	8.4
No. of Reps	3		1	1	1	3	3	3	3	3	3	3

Table 17. WBGN Entry list and Pedigrees

(2014-15 Winter Barley Germplasm Nursery)

Entry	Name	Type	Use	Parentage
1	Charles	2	Malt	
2	Endeavor	2	Malt	
3	Maja	6	Malt	
4	Alba	6	Feed	
5	Wintmalt	2	Malt	
6	04ARS635-4	2	Malt	Endeavor / Charles
7	05ARS518-24	2	Malt	Endeavor / 02Ab824
8	05ARS561-208	2	Malt	95SR316A/Charles
9	06ARS633-3	2	Malt	94Ab1269/Merit
10	05ARS748-270	2	Food	02Ab170/CDC Alamo
11	10.0860	2	Malt	Wintmalt/Charles
12	10.0777	2	Malt	Wintmalt/Charles
13	Buck	6	Food	Strider/Doyce
14	TCFW6-187	6	Malt/Feed	J1///Stab 47/Excel//StabBC 42
15	TCFW6-140	6	Malt/Feed	J1///Stab 47/Excel//StabBC 42
16	TCFW6-107	6	Malt/Feed	Kab 51/Excel//Maja/3/Stab 7/Maja
17	UTWB9703-19	6	Feed	
18	UTWB10201-15	6	Feed	

Table 18. WBGN for Corvallis, OR in 2014-15

(2014-15 Winter Barley Germplasm Nursery)

Entry Name	Yield		Test		Plump		Plant		Stripe		
	(lbs/ac)	Rank	Weight (lbs/bu)	Protein (%)	(on 6/64) (%)	Heading (DOY)	Height (in)	Lodging (%)	Brackling (%)	Rust (%)	Scald (%)
1 Charles	5521	(15)	45	11	79	105	40	20	50	0	85
2 Endeavor	5347	(16)	52	9	72	96	40	12	25	0	83
3 Maja	5975	(11)	53	11	63	110	43	0	3	0	55
4 Alba	7335	(4)	51	11	72	120	41	0	0	0	5
5 Wintmalt	6459	(9)	53	10	83	112	41	0	3	12	48
6 04ARS635-4	6099	(10)	52	10	67	98	40	30	20	0	65
7 05ARS518-24	5765	(13)	53	11	65	107	42	8	13	0	73
8 05ARS561-208	6757	(8)	50	9	62	109	41	25	25	0	52
9 06ARS633-3	4114	(18)	46	11	58	107	44	13	28	0	88
10 05ARS748-270	5327	(17)	60	12	63	118	43	0	0	7	15
11 10.0860	5698	(14)	52	10	91	107	40	3	33	0	75
12 10.0777	7469	(3)	54	10	95	107	41	2	13	10	35
13 09-OR86	5924	(12)	61	10	44	120	46	0	0	0	15
14 TCFW6-187	7075	(7)	51	10	78	121	42	0	0	0	5
15 TCFW6-140	7595	(2)	51	10	52	109	44	0	3	0	8
16 TCFW6-107	7263	(5)	53	10	66	119	43	0	0	0	12
17 UTWB9703-19	7663	(1)	52	9	62	119	44	0	0	8	5
18 UTWB10201-15	7126	(6)	50	9	48	113	43	0	0	7	20
Mean	6361.8		52.0	10.1	67.8	111.0	42.1	6.3	12.1	2.4	41.4
LSD (0.05)	1119.2		-	-	-	2.8	3.8	12.9	7.6	3.0	11.1
CV	12.7		7.2	7.6	19.7	1.8	6.5	148.3	45.7	91.7	19.4
No. of Reps	3		1	1	1	3	3	3	3	3	3

Table 19. INUDFOOD Entry list and Pedigrees

(2014-15 International Food Barley Trial)

Entry	Name	Type	Use	Parentage
1	10.0656	2	Food	KW2-849 x Luca/Waxbar/Luca8
2	10.0691	2	Food	KW2-849 x Luca/Waxbar/Luca8
3	10.0883	2	Food	KW2-849 x Luca/Waxbar/Luca8
4	10.0969	2	Food	KW2-849 x Luca/Waxbar/Luca8
5	10.1151	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
6	10.1154	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
7	10.1328	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
8	10.1332	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
9	10.1661	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
10	10.1934	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
11	10.1985	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
12	10.1986	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
13	10.2393	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
14	10.0655	2	Food	KW2-849 x Luca/Waxbar/Luca8
15	10.0662	2	Food	KW2-849 x Luca/Waxbar/Luca8
16	10.0686	2	Food	KW2-849 x Luca/Waxbar/Luca8
17	Food 12	2	Food	FB2RYT 41, L/W/L-16-2
18	10.0964	2	Food	KW2-849 x Luca/Waxbar/Luca8
19	10.1119	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
20	10.1135	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
21	10.115	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
22	Food 26	6	Food	FB6RYT 47, Maja/Legacy//Maja/3/Doyce
23	10.1492	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
24	10.1618	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
25	10.2006	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
26	10.2021	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
27	10.2464	6	Food	Fridericus x Maja/Legacy//Maja/3/Doyce
28	1-1	2	Food	Himalaya/3/Luca/Waxbar//Luca
29	1-4	2	Food	Himalaya/3/Luca/Waxbar//Luca
30	1-6	2	Food	Himalaya/3/Luca/Waxbar//Luca
31	4-4	2	Food	Himalaya/3/Luca/Waxbar//Luca
32	9	2	Food	Vanessa/3/Luca/Waxbar//Luca
33	11-3	2	Food	Wintmalt/3/Luca/Waxbar//Luca
34	Alba	6	Feed	Strider/Orca
35	Cassia	2	Feed	(Eden x Carat) x Saffron
36	Hispanic	6	Feed	FDO8109-80-2/Mosar
37	BG10-23-114		Food	
38	BG10-23-122		Food	
40	DH133476	6	Food	2Ab09-X05W048-378HL/Tamalpais
41	DH133478	6	Food	Color-F4-SSD-092 (Tibet Black 8# L/M//L)/PO71DH-87
42	DH133529	6	Food	Alba/DZ100341
43	DH133532	6	Food	Alba/DZ100341
44	DH133535	6	Food	OR101/DZ100341
45	DH133556	6	Food	Color-F4-SSD-092 (Tibet Black 8/// L/M//L)/PO71DH-87
46	DH133697	2	Food	09OR-59/Color-F4-SSD-148 (OWB-D/Calisib#L/M//L)
47	DH133698	2	Food	09OR-59/Color-F4-SSD-148 (OWB-D/Calisib#L/M//L)

Entry	Name	Type	Use	Parentage
48	DH133702	2	Food	Color-F4-SSD-092 (Tibet Black 8# L/M//L)/BCD47
49	DH133703	2	Food	Color-F4-SSD-092 (Tibet Black 8# L/M//L)/BCD47
50	DH133772	2	Food	DH 10.0655/Color-F4-SSD-043 (Tibet Violet 1///L/W//L)
51	DH133783	6	Food	OBADV10-13/Tamalpais
52	DH133904	6	Food	OBADV10-13/Tamalpais
53	DH140015	6	Food	2Ab09-X05W048-378HL/OR101
54	DH140019	6	Food	09OR-55/DZ100341

Table 20. INUDFOOD for Corvallis, OR in 2014-15

(2014-15 International Food Barley Trial)

Entry	Name	Yield		Test		Plant		Lodging (%)	Brackling (%)	Bird Damage (%)	Barley Stripe Rust (%)	Scald (%)	Agronomic Score (1-9)
		(lbs/ac)	Rank	Weight (lbs/bushel)	Protein (%)	Heading (DOY)	Height (cm)						
1	10.0656	5462	28	55	11.2	108	44	0	3	3	8	15	6
2	10.0691	4135	44	60.2	10.5	107	38	3	0	0	3	63	6
3	10.0883	6520	16	59.8	11.4	98	41	8	5	0	5	45	6
4	10.0969	5259	32	60.3	12.9	108	43	8	15	5	10	20	6
5	10.1151	8235	5	62.4	12.1	98	47	0	0	0	5	8	4
6	10.1154	6022	21	61.5	11.8	114	43	0	0	0	0	10	4
7	10.1328	5936	22	57.6	13.4	110	52	48	3	0	3	8	7
8	10.1332	9039	3	57.8	11.5	104	43	28	3	0	0	15	6
9	10.1661	5751	25	60.2	14.6	119	41	0	0	0	0	5	3
10	10.1934	5438	30	59.9	14.9	111	48	8	5	0	0	8	6
11	10.1985	4696	36	60.9	10.4	115	48	13	0	0	3	13	6
12	10.1986	6557	14	60.2	10.1	111	37	0	0	0	0	10	4
13	10.2393	5699	26	56.8	11.3	104	46	3	0	0	0	8	5
14	10.0655	5397	31	60.9	9.1	107	42	13	5	0	5	48	6
15	10.0662	4552	38	62	11.7	98	40	25	8	3	8	23	7
16	10.0686	4935	34	56	11.7	105	42	18	13	3	20	50	7
17	Food 12	4857	35	55.7	12.4	103	39	30	5	0	10	53	7
18	10.0964	3860	48	55.9	12.2	109	41	10	8	0	8	25	6
19	10.1119	6965	11	51.8	11.7	92	44	70	18	0	0	70	8
20	10.1135	5793	24	59.4	11.7	97	41	0	0	0	0	83	7
21	10.1150	9636	1	59.8	10.9	97	45	28	0	0	5	13	6
22	Food 26	6809	12	60.9	11.2	103	45	3	40	0	13	75	7
23	10.1492	7260	9	60.3	12.7	112	40	0	0	0	8	5	4
24	10.1618	6801	13	61.2	12.5	103	43	3	3	0	15	8	5
25	10.2006	6245	18	58.7	11.9	104	48	13	3	0	20	60	6
26	10.2021	7324	8	59.2	11.8	115	48	3	0	0	5	8	3
27	10.2464	7122	10	59	11	104	45	5	5	0	3	60	5
28	1-1	6185	19	58	11.9	116	43	30	5	5	18	43	7
29	1-4	6073	20	62.7	11.8	111	44	18	3	3	15	10	5
30	1-6	6526	15	58.1	10.6	111	42	5	3	0	23	8	5
31	4-4	5444	29	51.4	10.7	114	43	18	8	0	10	10	6
32	9	4579	37	61.6	10.2	114	46	3	3	3	25	20	6
33	11-3	3111	52	60.5	11.3	115	42	35	10	0	15	70	7
34	Alba	6416	17	58.9	11.4	119	44	0	0	0	0	8	4
35	Cassia	7559	6	59.8	11.9	121	42	0	0	0	10	8	3
36	Hispanic	5157	33	56.3	10.9	94	38	28	15	5	0	83	8
37	BG10-23-114	5811	23	60.4	13.5	105	44	5	10	3	15	55	6
39	DH133457	3495	49	61.4	12.7	120	42	23	15	0	3	30	6
40	DH133476	9479	2	57.5	11.7	88	40	0	25	3	3	5	6
41	DH133478	3284	50	58.4	11.3	116	48	8	3	0	50	60	7
42	DH133529	4418	41	59.1	9.6	121	41	15	0	0	18	5	6
43	DH133532	4499	39	58.6	10.5	116	45	8	0	0	3	5	5
44	DH133535	3975	46	60.1	11.1	126	48	33	3	0	0	5	6
45	DH133556	3223	51	58.1	11.2	105	41	45	40	0	0	95	8
46	DH133697	2334	53	60.5	11.1	89	37	25	18	5	0	93	8
47	DH133698	4361	43	62.9	11.6	92	43	30	13	5	0	48	7
48	DH133702	4400	42	61.5	12.5	85	39	13	8	0	15	30	7
49	DH133703	3965	47	59	10.2	87	45	33	15	3	28	55	8
50	DH133772	2143	54	54.1	12.4	105	42	0	5	15	3	43	7
51	DH133783	7444	7	58.9	13.4	119	36	0	0	0	10	13	3
52	DH133904	8392	4	62	11.2	87	41	15	5	0	0	55	7
53	DH140015	5646	27	61.1	10.7	126	41	15	0	0	0	5	5
54	DH140019	4124	45	57.4	11.7	126	28	0	0	0	13	8	4
	Mean	5607.4		59.1	11.6	107.0	42.5	13.6	6.4	1.2	8.0	32.4	5.6
	LSD (0.05)	1624.5		4.7	2.0	1.4	4.5	16.7	9.7	4.3	9.5	23.3	1.1
	CV	17.3		4.8	10.3	0.8	6.3	73.1	90.7	222.4	71.0	43.0	11.4
	No. of Reps	2		2	2	2	2	2	2	2	2	2	2

Table 21. OFAYT Entry list and Pedigrees

(2014-15 Oregon Food Barley Advanced Yield Trial)

Entry	Name	Type	Use	Parentage
1	DH133319	6	Food	Alba/DZ100341
2	DH133625	6	Food	Alba/DZ100341
3	DH133725	2	Food	DH 10.0655/Color-F4-SSD-043 (Tibet Violet 1///L/W//L)
4	DH133886	2	Food	Charles/Color-F4-SSD-092 (Tibet Black 8/// L/M//L)
5	DH133914	6	Food	DH 10.0655/Tamalpais
6	DH133915	6	Food	DH 10.0655/Tamalpais
7	DH133318	6	Food	Alba/DZ100341
8	DH133394	6	Food	Alba/DZ100341
9	DH133460	6	Food	Alba/DZ100341
10	DH133472	6	Food	DH 10.0655/Color-F4-SSD-043 (Tibet Violet 1#L/W//L)
11	DH133601	2	Food	09OR-59/Color-F4-SSD-148 (OWB-D/Calisib#L/M//L)
12	DH133619	2	Food	DH 10.0655/Color-F4-SSD-043 (Tibet Violet 1///L/W//L)
13	DH133728	2	Food	Color-F4-SSD-092 (Tibet Black 8/// L/M//L)/Bison 1,4,5
14	DH133865	2	Food	Color-F4-SSD-092 (Tibet Black 8# L/M//L)/BCD47
15	DH133961	2	Food	09OR-59/2Ab09-X05W048-378HL
16	DH140064	2	Food	2Ab09-X05W048-378HL/OR101
17	DH140068	2	Food	09OR-59/2Ab09-X05W048-378HL
18	DH133376	2	Food	DH 10.0655/Color-F4-SSD-034 (Tibet violet 1#L/M//L) (6row)
19	DH133449	2	Food	09OR-59/Color-F4-SSD-148 (OWB-D/Calisib#L/M//L)
20	Buck	6	Food	Strider/Doyce
21	DZ100289	2	Food	
22	Alba	6	Feed	Strider/Orca

Table 22. OFAYT for Corvallis, OR in 2014-15

(2014-15 Oregon Food Barley Advanced Yield Trial)

Entry Name	Yield (lbs/ac)	Heading (DOY)	Plant Height (in)	Lodging (%)	Straw Breakage (%)	Barley Stripe Rust (%)	Scald (%)	Agronomic Score (1-9)
1 DH133319	433	123	44	0	0	10	5	7
2 DH133625	1421	119	43	0	0	15	5	7
3 DH133725	2295	105	38	0	10	0	85	7
4 DH133886	3006	111	38	0	13	0	85	6
5 DH133914	4341	111	36	0	0	0	90	7
6 DH133915	5358	103	41	15	8	0	60	5
7 DH133318	3877	111	35	5	10	0	68	6
8 DH133394	3402	116	41	10	5	0	8	5
9 DH133460	4226	123	45	33	3	28	5	6
10 DH133472	4244	105	44	50	55	0	43	7
11 DH133601	1481	88	42	70	55	0	88	8
12 DH133619	4274	91	31	0	0	0	95	7
13 DH133728	1063	99	33	38	18	0	90	7
14 DH133865	4473	104	32	0	3	5	55	5
15 DH133961	3039	99	43	28	8	3	8	7
16 DH140064	3498	118	31	5	8	5	65	7
17 DH140068	3856	107	43	58	10	0	15	7
18 DH133376	1187	106	38	0	3	0	93	8
19 DH133449	1612	96	33	25	25	0	93	8
20 Buck	3072	120	34	0	0	0	75	6
21 DZ100289	3365	121	39	0	0	8	5	6
22 Alba	4142	119	43	0	3	0	5	5
Mean	3075.5	108.7	38.5	15.2	10.6	3.3	51.7	6.3
LSD (0.5)	757.9	2.9	11.5	16.0	8.0	4.7	16.5	1.0
CV	14.3	1.5	17.4	61.0	44.2	83.7	18.6	9.6
No. of Reps	2	2	2	2	2	2	2	2

Table 23. OFPYT Entry list and Pedigrees

(2014-15 Oregon Food Barley Preliminary Yield Trial)

Entry	Name	Type	Use	Parentage
1	DH133315	6	Food	Alba/DZ100341
2	DH133323	6	Food	OR101/DZ100341
3	DH133617	2	Food	DH 10.0655/Color-F4-SSD-034 (Tibet violet 1///L/M//L) (6row)
4	DH133626	6	Food	Alba/DZ100341
5	DH133722	2	Food	DH 10.0655/Color-F4-SSD-034 (Tibet violet 1///L/M//L) (6row)
6	DH133882	2	Food	DH 10.0655/Tamalpais
7	DH133885	2	Food	DH 10.0655/Tamalpais
8	DH133950	2	Food	OR101/DZ100341
9	DH140052	2	Food	OR101/DZ100341
10	DH140063	2	Food	DH 10.0655/Tamalpais
11	DH132766	2	Food	Chame 14 Nepal///Luca/Merlin//Luca
12	DH133385	2	Food	Chame 14 Nepal///Luca/Merlin//Luca
13	Buck	6	Food	Strider/Doyce
14	DZ100289	2	Food	
15	Alba	6	Feed	Strider/Orca

Table 24. OFPYT for Corvallis, OR in 2014-15

(2014-15 Oregon Food Barley Preliminary Yield Trial)

Entry Name	Yield (lbs/ac)	Plant Height (in)	Lodging (%)	Brackling (%)	Barley Stripe Rust (1-5)	Scald (1-5)	Agronomic Score (1-9)
1 DH133315	5493	44	5	0	2	1	4
2 DH133323	5386	52	25	0	3	1	6
3 DH133617	4026	37	5	0	2	4	6
4 DH133626	5007	45	20	0	2	2	5
5 DH133722	5008	38	15	5	1	5	6
6 DH133882	3899	23	0	0	2	3	5
7 DH133885	3696	20	0	0	2	4	6
8 DH133950	2947	44	15	0	1	2	6
9 DH140052	2138	37	0	0	1	1	5
10 DH140063	2055	19	0	0	2	4	6
11 DH132766	732	44	0	0	1	2	8
12 DH133385	2665	53	75	0	2	3	8
13 Buck	7250	34	0	0	1	3	4
14 DZ100289	4697	37	0	0	2	1	5
15 Alba	6592	43	0	0	1	1	4
Mean	4106.1	38.1	10.7	0.3	1.7	2.5	5.6

Table 25. BBT Entry list and Pedigrees

(2015 Black Beaut Yield Trial)

Entry	Name	Type	Use	Parentage
1	14BB5	6	Food	CO61/Tamalpais
2	14BB6	6	Food	CO61/Tamalpais
3	14BB13	6	Food	CO61/Tamalpais
4	14BB14	6	Food	CO61/Tamalpais
5	14BB17	6	Food	CO61/Tamalpais
6	14BB21	6	Food	CO61/Tamalpais
7	14BB23	6	Food	CO61/Tamalpais
8	14BB24	6	Food	CO61/Tamalpais
9	14BB25	6	Food	CO61/Tamalpais
10	14BB27	6	Food	CO61/Tamalpais
11	14BB28	6	Food	CO61/Tamalpais
12	Buck	6	Food	Strider/Doyce
13	Tamalpais	6	Food	
14	Alba	6	Feed	Strider/Orca

Table 26. BBT for Corvallis, OR in 2015

(2015 Black Beaut Yield Trial)

Entry Name	Test			Plant Height (in)
	Yield (lbs/ac)	Weight (lbs/bu)	Heading (DOY)	
1 14BB5	3742	63	129	33
2 14BB6	3166	63	129	37
3 14BB13	4060	62	130	35
4 14BB14	3643	64	137	35
5 14BB17	3903	60	133	36
6 14BB21	3188	62	137	35
7 14BB23	3544	64	136	29
8 14BB24	3778	62	134	35
9 14BB25	3989	62	133	40
10 14BB27	3691	62	133	40
11 14BB28	3940	61	128	30
12 Buck	3348	64	143	29
13 Tamalpais	5246	58	128	28
14 Alba	3560	51	141	31
Mean	3771.1	61.3	133.4	33.6
LSD (0.5)	624.4	-	1.1	4.2
CV	9.3	5.2	0.5	7.1
No. of Reps	2	1	2	2

Table 27. Morrow County Drill Stip Yield Trial Entry List and Pedigrees

Entry	Name	Type	Use	Parentage
1	Alba	6	Feed	Strider/Orca
2	Verdant	6	Forage	Kold/Hoody
3	Strider	6	Feed	
4	Buck	6	Food	Strider/Doyce
5	Glacier	2	Feed	
6	TCFW6-033	6	Feed	NB3437f/OR71
7	P-954	6	Feed	

Table 28. Morrow County Drill Strip Yield Trial at Jepsen Farm 2014-15

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)
1 Alba	2797	53	8	49
2 Verdant	1281	47	11	35
3 Strider	2084	50	9	37
4 Buck	2235	57	10	5
5 Glacier	3006	52	9	47
6 TCFW6-033	2081	53	10	61
7 P-954	2290	51	9	59
Mean	2253.1	51.8	9.4	41.7
LSD (0.05)	335.6	3.5	0.7	19.7
CV	12.1	5.5	6.4	38.6
No. of Reps	4	4	4	4

Table 29. Morrow County Drill Strip Yield Trial at Starvation Farm 2014-15

Entry Name	Yield (lbs/ac)	Test Weight (lbs/bu)	Grain Protein (%)	Plump (on 6/64) (%)
1 Alba	1979	52	11	45
2 Verdant	1068	48	13	42
3 Strider	1906	51	11	52
4 Buck	1957	62	11	38
5 Glacier	2492	55	10	89
6 TCFW6-033	1747	53	12	73
7 P-954	1975	53	11	57
Mean	1874.8	53.3	11.2	56.8
LSD (0.05)	159.9	0.7	0.4	4.1
CV	7.0	1.0	3.2	6.0
No. of Reps	4	4	4	4