

2016 Spring Malting Barley Regional Summary - Cornell University

Entry	Row#	Class	Grain Yield (kg/h)				Test		Lodg	Head	Preharv		FHB	FHB	FHB	DON	Kernel on Malt Barley				Beta		Quality						
			Regional Locations		Mean**	Rank	Kl/hl	Rank			Date	cm	0-9	Rank	Inc		Sev	Index	Rank	ppm	Wt.	6/64		Extract	Protein	DP	Glucan	FAN	
			lth-Hel	lth-Ket					SteCo.	GenCo.						Kg/hl							0-9						0-9
1	Conlon	2	Malt	890	1905	1474	964	1689	32	65.4	14	N	6/17	55	6.1	38	27	9	2.3	26	1.3	41.9	97	79.2	12.3	109	424	149	43
2	Lacey	6	Malt	1265	2390	1813	1096	2102	7	63.7	29	O	6/19	54	4.1	21	15	8	1.2	21	0.3	33.7	85	79.5	11.7	134	213	169	48
3	Quest	6	Malt	1393	2119	1774	1055	1946	14	63.1	32	N	6/19	59	4.4	24	5	9	0.5	12	0.3	31.6	87	80.2	11.4	130	226	163	42
4	Cerveza	2	Malt	1023	1974	1691	452	1833	19	62.1	38	E	7/3	49	3.6	11	17	10	1.6	23	0.3	37.2	89	83.2	12.5	107	283	177	48
5	Newdale	2	Malt	989	1965	1474	363	1720	26	64.0	27		7/3	48	5.8	37	12	6	0.7	15	1.0	36.5	86	80.3	12.4	114	221	164	45
6	AAC Synergy	2	Malt	1171	2228	1954	765	2091	8	64.4	24		7/2	56	4.9	29	8	7	0.6	14	1.2	39.8	94	82.2	10.8	97	58	196	50
7	KWS Tinka	2	Malt	1030	2445	2080	909	2262	2	63.5	30		6/24	55	3.7	13	3	4	0.1	6	1.0	41.0	95	79.3	11.9	79	119	138	42
8	KWS13/3353(Beckie)	2	Malt	1259	2103	2137	668	2120	6	62.8	34		6/27	44	3.3	8	45	7	3.3	31	1.2	40.8	98	80.9	11.2	68	216	149	42
9	KWS13/207 (Fantex)	2	Malt	1112	2456	1788	894	2122	5	64.3	25		6/30	50	4.0	20	43	9	3.8	34	1.1	38.3	95	81.1	10.7	85	180	136	39
10	Craft	2	Malt	1252	2205	1824	911	2014	12	67.6	4		6/25	58	2.6	4	22	12	2.6	28	0.6	39.4	93	79.9	12.9	89	406	136	40
11	Pinnacle	2	Malt	1126	1778	1750	493	1764	23	65.1	17		6/24	46	4.4	25	8	2	0.2	8	0.8	40.8	97	81.1	11.3	78	464	136	39
12	ND Genesis	2	Malt	1082	2113	1400	1133	1757	24	64.9	18		6/26	56	4.4	26	45	13	5.7	37	0.7	39.5	96	81.7	10.4	95	194	179	43
13	ND26891	6	Malt	1256	2116	1703	887	1909	17	62.1	37		6/20	53	3.7	14	12	7	0.8	17	0.8	32.4	87	80.1	11.1	114	185	143	38
14	2ND28065	2	Malt	1128	1815	1537	882	1676	33	66.5	8		6/28	52	5.3	34	5	3	0.2	7	0.5	38.3	88	79.5	13.8	94	418	176	28
15	Harmony	6	Feed	1461	2236	1587	746	1912	16	61.3	39		6/23	67	5.5	36	0	0	0.0	1	0.5	37.1	90	76.9	11.9	90	247	164	29
16	Oceanik	6	Feed	1611	2504	1790	1117	2147	4	60.4	40		6/25	63	3.0	7	0	0	0.0	2	0.4	34.7	78	77.2	10.9	64	330	120	19
17	Bastille (Naked)	6	Feed	1160	1637	1207	371	1422	40	74.5	2		6/29	53	0.8	1	35	13	4.4	36	0.4	30.6	43	86.2	12.7	95	461	93	30
18	HS5617-11	6	Feed	1390	2637	1667	802	2152	3	62.5	36		6/22	64	3.5	10	8	4	0.3	10	0.9	37.2	91	76.3	11.6	75	418	115	27
19	AAC Azimuth (Naked)	6	Food	971	2286	1096	774	1691	31	65.1	16		6/19	62	2.1	2	13	10	1.3	22	0.5	33.6	63	87.2	11.8	106	245	111	32
20	AAC Starbuck (Naked)	2	Food	1318	2126	1923	817	2025	11	77.2	1		6/29	64	2.2	3	3	3	0.1	4	0.9	38.6	65	85.4	13.1	62	759	105	18
21	M160	6	Malt	1302	2077	2054	743	2066	9	63.2	31		6/16	61	4.1	22	22	8	1.7	25	0.4	32.2	90	79.6	12.0	123	190	175	51
22	09N2-31	2	Malt	1228	2189	2338	987	2264	1	66.3	9		6/23	53	4.9	30	17	6	1.0	18	0.4	44.1	97	80.8	11.0	66	537	120	38
23	09N2-96	2	Malt	1251	1891	1656	563	1774	22	63.8	28		6/29	52	6.1	39	3	3	0.1	5	0.9	38.9	90	80.4	12.8	127	323	160	50
24	09N2-84	2	Malt	1156	1977	1594	868	1785	21	62.6	35		6/25	54	4.7	27	43	33	14.3	40	1.1	40.2	97	79.7	12.2	93	322	177	47
25	09N2-51	2	Malt	625	1766	1444	349	1605	36	64.6	21		6/30	53	5.1	33	18	6	1.1	20	1.2	40.1	92	78.8	13.7	125	258	165	36
26	09N2-58	2	Malt	1014	1957	2116	800	2037	10	63.0	33		6/25	59	5.4	35	27	9	2.3	27	0.5	43.0	98	80.0	13.5	119	370	159	37
27	06N2-79	2	Malt	968	1723	1505	705	1614	35	64.6	22		6/25	58	3.7	15	10	7	0.7	16	1.4	48.2	99	78.6	14.8	112	361	174	34
28	09N2-16	2	Malt	1001	1390	1808	919	1599	37	66.8	7		6/29	50	4.8	28	32	12	3.8	35	0.8	40.4	96	80.5	12.1	91	382	152	41
29	09N2-68	2	Malt	651	1498	1691	756	1595	38	64.1	26		6/29	52	3.9	18	45	23	10.4	39	1.0	43.3	98	78.4	14.1	122	439	147	37
30	09N2-65	2	Malt	798	1773	1638	433	1706	29	64.9	19		7/1	53	2.8	5	40	9	3.6	33	0.8	39.2	95	80.0	12.5	107	410	168	49
31	2MS14_3342-018	2	Malt	1240	1812	1805	613	1809	20	66.0	10		6/29	50	3.4	9	30	11	3.2	30	1.1	37.9	87	78.2	12.7	76	618	117	29
32	2MS14_3336-002	2	Malt	657	1771	1652	1054	1711	28	65.7	11		6/23	54	3.7	16	7	6	0.4	11	1.8	40.3	94	78.3	12.2	87	454	147	35
33	2MS14_3305-002	2	Malt	641	2102	1757	827	1929	15	64.7	20		6/30	53	4.9	31	27	11	2.8	29	0.9	36.5	93	79.4	13.6	115	206	167	32
34	2MS14_3336-018	2	Malt	1072	1555	1876	980	1716	27	66.8	6		6/24	55	2.8	6	13	4	0.6	13	0.5	37.6	89	79.6	13.2	113	375	146	35
35	2MS14_3345-009	2	Malt	1175	1928	1326	740	1627	34	64.5	23		6/25	52	4.3	23	5	4	0.2	9	0.5	38.1	96	79.6	12.2	130	322	138	47
36	2MS14_3317-018	2	Malt	1377	1817	2000	756	1908	18	68.1	3		6/27	55	4.9	32	0	0	0.0	3	0.5	38.5	93	81.1	12.5	74	507	164	43
37	2MS14_3335-007	2	Malt	855	1405	1997	439	1701	30	65.3	15		6/28	52	3.9	19	58	15	8.6	38	0.5	38.0	88	79.8	11.8	80	513	109	32
38	2MS14_3342-026	2	Malt	670	1768	1707	705	1738	25	65.6	12		6/26	51	3.8	17	25	4	1.0	19	0.9	36.7	89	80.7	12.4	93	372	154	41
39	2MS14_3342-019	2	Malt	825	1816	1333	577	1575	39	65.5	13		7/1	54	3.6	12	27	6	1.7	24	0.9	37.8	91	80.2	13.3	126	389	168	45
40	2MS14_3317-015	2	Malt	1011	2043	1857	693	1950	13	67.4	5		6/30	55	7.1	40	25	14	3.4	32	0.5	36.9	90	81.7	11.0	91	148	161	43

Mean 1085 1982 1721 765 1852 65.1 6/20 55 4.1 19.9 8.1 2.3

CV 27.9 13.3 11.8 31.8 ** lth-Hel & GenCo. Not included in mean yield or Test Weight due to drought

Cumulative Summary																								
Entry	Row#	Class	Grain Yield				Test Weight		Head	Lodg.	Ht.	PreHarv Sprout	FHB Inc	FHB Sev	FHB Indx	Kernel Wt.	on 6/64	Malt Extract	Barley Protein	Beta DP	Glucan	FAN	Quality	
			3 Years		2 Years		2 Years																	Date
			kg/h	b/a	kg/h	b/a	kg/hl	lbs/b	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr
1	Conlon	2	Malt	2470	46	2417	45	64.0	50.0	6/19	2.0	62	4.1	40	11	5	43.4	98	80.8	12.1	99	454	196	47
2	Lacey	6	Malt	3055	57	3072	57	62.8	49.1	6/21	0.8	64	2.6	21	8	2	36.2	91	80.7	11.6	106	228	199	50
3	Quest	6	Malt	3083	57	2960	55	61.9	48.4	6/21	1.7	71	2.6	20	9	2	33.0	90	80.6	11.6	104	367	196	51
4	Cerveza	2	Malt											32	11	4	41.1	92	82.8	12.8	96	315	205	51
5	Newdale	2	Malt											18	7	1	40.5	91	81.0	12.4	102	185	209	52
6	AAC Synergy	2	Malt											11	6	1	42.6	95	82.6	11.6	98	48	241	53
7	KWS Tinka	2	Malt	3390	63	3383	63	61.4	48.0	6/25	0.8	61	3.2	18	8	2	42.1	96	81.3	11.0	77	102	185	48
8	KWS13/3353(Beckie)	2	Malt			2970	55	58.1	45.4	6/27	0.8	49	2.7	42	9	4	40.7	97	82.1	10.7	65	128	177	47
9	KWS13/																							