

2014 Spring Malting Barley Regional Summary - Cornell University

Entry	Row#	Grain Yield (kg/h)						Test			Head Date	Height cm	Kernel Wt (mg)	Kernel on 6.64" (%)	Malt Extract (%)	Barley Protein (%)	Beta-glucan (ppm)	FAN (ppm)	Quality Score		
		Regional Locations						Weight													
		lth	McG	lth	Cald	Mont	Co	Mon	Co	Mean										Rank	Kg/h
1	Herta	2	2557	3785	3607	N	3316	8	63.9	1	1.4	6/25	64	39.0	97.1	81.2	9.7	184	207	43	
2	Conlon	2	1809	3291	2635	D	2578	15	60.0	4	3.2	6/20	53	39.6	97.3	82.0	10.2	210	234	42	
3	LCS Genie	2	1346	2789	2106		2081	17	57.7	14	1.4	6/15	54	34.9	93.7	82.1	10.5	50	212	52	
4	Lacey	6	2087	3858	3122	D	3023	10	59.9	5	1.7	6/20	67	33.3	95.1	81.0	10.6	84	263	48	
5	Quest	6	2822	3691	3478	A	3330	7	60.9	3	3.1	6/20	70	33.1	92.3	80.9	10.1	172	240	46	
6	M152	6	2481	3729	3556	T	3255	9	59.5	6	1.7	6/21	73	33.6	93.8	80.2	11.5	53	283	49	
7	KWS Irina	2	1848	3380	2438	A	2555	16	55.0	17	0.9	6/27	45	33.0	85.4	83.0	9.2	83	263	44	
8	KWS Thessa	2	2089	3597	2846		2844	13	59.2	7	0.6	6/25	47	37.2	90.1	82.6	9.5	45	266	47	
9	Cerveza	2	1544	3761	3566		2957	11	58.3	13	0.7	6/15	50	35.1	87.1	83.0	10.5	61	252	37	
10	Newdale	2	1174	3749	3323		2749	14	58.9	10	1.2	6/14	49	34.0	87.5	82.6	10.1	27	276	37	
11	AAC Synergy	2	2261	3918	3863		3347	6	58.9	9	1.2	6/13	56	36.6	92.8	82.5	9.5	32	279	39	
12	M156	6	2184	4333	3735		3417	3	58.6	11	2.1	6/20	65	32.5	94.7	80.9	10.8	109	269	48	
13	M157	6	2591	4631	3710		3644	1	58.4	12	2.4	6/19	71	34.7	96.5	80.9	10.5	65	328	44	
14	M158	6	2656	4168	3855		3560	2	61.2	2	2.8	6/21	72	33.7	92.2	81.0	11.0	182	247	46	
15	M159	6	2544	3687	3919		3383	5	59.2	8	2.3	6/21	75	34.1	97.0	80.4	10.7	73	317	44	
16	KWS Thinka	2	2481	4312	3420		3405	4	57.5	15	1.4	6/24	56	37.9	92.2	82.7	10.1	50	298	42	
17	KWS 10/310	2	2380	3980	2497		2952	12	57.3	16	1.3	6/25	51	37.0	91.9	83.2	9.4	37	285	46	
Mean			2168	3804	3275		3082		59.1			6/20	60	35.3	92.7	81.8	10.2	89	266		
CV			13.6	10.3	9.2																

Cumulative Summary														Kernel on Malt Barley Beta			
Entry	Row#	Grain Yield		Test Weight		Head Date	Lodg. 0-9	Height cm	Wt. (mg)	6.64 (%)	Extract (%)	Protein (%)	DP ASBC	Glucar ppm	FAN ppm	Quality Score	
		2 Years		2 Years													
		kg/h	b/a	kg/h	lbs/b												
1	Herta	2	3259	61	63.2	49.3	6/26	1.6	70	36.8	91.9	79.4	11.7	82	264	209	36
2	Conlon	2	2754	51	60.2	47.0	6/18	3.4	61	38.4	96.2	81.1	11.5	96	253	213	46
3	LCS Genie	2	2228	41	56.4	44.1	6/21	2.1	57	33.7	90.7	81.5	11.4	122	46	215	50
4	Lacey	6	3333	62	60.1	46.9	6/19	1.8	68	31.5	91.4	80.5	11.3	99	115	257	48
5	Quest	6	3379	63	60.6	47.3	6/19	2.8	75	31.1	86.3	80.2	11.3	108	272	239	47
6	M152	6	3302	61	59.6	46.6	6/21	1.7	76	31.5	87.7	79.6	11.9	122	125	252	47
7	KWS Irina	2	2441	45	54.9	42.9	6/28	1.9	47	31.5	81.4	81.0	10.3	57	65	257	40
8	KWS Thessa	2	2786	52	57.5	45.0	6/26	1.9	50	34.7	84.6	80.9	11.0	72	69	254	41
9	Cerveza	2	2988	56	58.7	45.9	6/21	1.3	60	34.8	87.4	82.5	11.1	69	67	271	41
10	Newdale	2	3080	57	59.0	46.1	6/21	0.9	62	33.7	85.5	81.1	11.6	83	68	262	37
11	AAC Synergy	2	3518	65	58.8	46.0	6/20	0.9	64	36.5	92.5	81.9	10.7	56	31	285	43

M. E. Sorrells, D. Benschler, and J. Shiffer - Department of Plant Breeding & Genetics - Cornell University

