

2015 Spring Malting Barley Regional Summary - Cornell University

Entry	Row#	Grain Yield (kg/h)						Test		Lodg.	Preharv				FHB	FHB	FHB	DON	Kernel on		Malt	Barley	Beta		Quality				
		Regional Locations				Weight		Head	Height		Sprout	Inc	Sev	Index	Wt.	6/64	Extract		Protein	DP	Glucan	FAN							
		Ith-Sny	Ith-Ket	GenCo.	SteCo.	Mean	Rank	Kg/hl	Rank		Date	cm	0-9	Rank	(%)	(%)	(%)		ppm	(mg)	%	%	%	ASBC		ppm	ppm		
1	Herta	2	2619	2227	5028	6028	3975	13	63.5	4	2.3	6/29	82	0.4	3	25	8	2.0	4	-	40.5	93.0	79.7	13.1	61.2	525	199	46	
2	Conlon	2	2752	2972	2809	4040	3144	20	62.7	5	4.0	6/21	69	2.1	16	53	13	6.8	21	0.7	44.9	97.6	82.4	12.0	89.4	484	244	51	
3	Lacey	2	2858	3110	6013	4187	4042	12	61.9	7	1.7	6/22	74	1.2	10	27	9	2.3	6	2.1	38.7	97.7	81.8	11.5	78.5	242	229	51	
4	Quest	6	3183	3141	5380	4191	3974	14	60.8	12	3.4	6/22	84	0.8	9	35	8	2.9	7	1.1	34.4	93.6	80.9	11.9	78.2	507	229	59	
5	M152	6	3475	3882	5320	3759	4109	9	62.0	6	2.1	6/19	80	1.2	11	38	10	4.0	13	-	36.1	95.5	81.4	11.6	69.1	312	249	59	
6	Cerveza	2	Poor germination														47	13	6.1	19	0.7	45.0	95.0	82.3	13.1	85.5	347	233	53
7	Newdale	2	Poor germination														25	8	1.9	3	0.8	44.4	95.2	81.7	12.4	89.3	148	253	58
8	AAC Synergy	2	Poor germination														13	5	0.6	1	0.9	45.4	95.1	83.0	12.4	98.6	37	286	55
9	M159	6	3520	3782	5203	3898	4101	10	61.6	8	2.1	6/22	78	3.0	20	25	8	2.0	5	0.8	33.3	91.8	81.0	12.7	87.8	433	304	54	
10	KWS Tinka	2	3280	2989	6245	5503	4504	3	59.3	16	1.6	6/27	67	2.8	18	32	12	3.8	11	1.0	43.3	97.0	83.3	10.2	75.7	84	232	53	
11	KWS Amadora	2	2857	2627	5804	4492	3945	15	58.4	18	2.3	6/27	61	2.6	17	43	10	4.2	15	0.9	40.2	96.7	83.7	10.3	78.1	21	247	56	
12	KWS 13/3353	2	2522	2145	6102	4507	3819	17	53.4	20	1.7	6/28	54	2.1	15	38	10	3.8	12	1.1	40.6	96.3	83.3	10.1	62.4	40	204	52	
13	KWS 13/207	2	2668	2354	6114	5164	4075	11	57.6	19	0.8	6/29	59	0.6	6	58	11	6.6	20	1.1	38.2	95.7	83.4	10.4	69.3	69	217	54	
14	Rasmusson	6	3355	3579	6225	4442	4400	6	60.2	14	2.3	6/21	71	1.3	12	35	12	4.1	14	2.8	36.2	94.4	82.3	11.3	79.4	316	252	43	
15	Scarlett	2	2507	2913	5343	3720	3621	18	61.0	9	2.2	6/29	58	1.7	13	18	6	1.2	2	1.0	39.9	97.7	83.8	11.0	70.6	414	190	35	
16	Craft	2	3434	3849	5621	5003	4477	4	64.5	2	2.4	6/22	76	0.4	2	43	11	4.6	17	1.2	41.9	96.4	82.0	11.8	72.8	232	208	62	
17	Pinnacle	2	2579	2952	5940	4211	3921	16	60.4	13	1.0	6/25	72	0.1	1	32	10	3.1	9	1.4	42.5	96.6	82.5	10.5	63.2	352	226	50	
18	ND Genesis	2	3229	3243	5166	5306	4236	8	60.9	10	2.1	6/22	76	2.9	19	58	13	7.4	22	1.1	39.8	95.5	82.9	11.9	92.4	181	250	52	
19	ND26891	6	3335	3240	5950	4658	4296	7	60.9	11	2.0	6/22	76	0.7	8	38	14	5.2	18	2.1	36.1	96.0	81.5	11.6	76.3	333	237	59	
20	2ND28065	2	3611	3307	5940	4973	4458	5	64.0	3	2.0	6/22	67	0.5	4	38	11	4.2	16	0.8	39.5	94.6	82.8	12.0	72.0	296	239	45	
21	Harmony (feed)	6	3460	3561	5453	5680	4538	2	59.1	17	1.7	6/26	94	1.9	14	37	9	3.4	10		41.7	97.9	79.0	12.1	63.7	412	257	52	
22	Oceanik (feed)	6	3429	3692	6435	5489	4761	1	59.9	15	1.8	6/24	82	0.5	5	35	8	2.9	8		40.2	96.0	80.1	10.3	53.2	520	179	34	
23	Bastille (feed)	6	2148	2146	4992	4772	3514	19	67.2	1	1.3	6/30	76	0.6	7.0	57	15	8.3	23		37.2	78.7	85.8	12.9	52.3	654	163	41	
Mean			3041	3086	5554	4701	4095		61.0		2.0	6/20	73	1.4		37.0	10.1	4.0		1.2	40.0	95.0	82.2	11.6	74.7	303	232		
CV			8.2	15.8	10.4	12.6																							

Cumulative Summary

Entry	Row#	Grain Yield				Test Weight		Head Date	Lodg.	Height	Kernel Wt.	on 6/64	Malt Extract	Barley Protein	Beta DP	Glucan	FAN	Quality								
		3 Years		2 Years		2 Yr	2 Yr												2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr	2 Yr
		kg/h	b/a	kg/hl	lbs/b																					
1	Herta	2	3646	68	3497	65	63.7	49.8	6/26	1.9	73	39.8	95.1	80.4	11.4	58.3	354	203	45							
2	Conlon	2	2861	53	2884	54	61.4	47.9	6/18	3.6	61	42.3	97.5	82.2	11.1	76.9	347	239	47							
3	Lacey	6	3532	66	3569	66	60.9	47.6	6/19	1.7	70	36.0	96.4	81.4	11.0	70.1	163	246	50							
4	Quest	6	3652	68	3578	66	60.8	47.5	6/19	3.3	77	33.8	93.0	80.9	11.0	75.4	339	235	53							
5	M152	6	3682	68	3571	66	60.7	47.4	6/21	1.9	77	34.8	94.7	80.8	11.6	78.5	183	266	54							
6	Cerveza*	2	2988	56			58.7	45.9	6/21	1.3	60	40.0	91.1	82.7	11.8	63.5	204	242	45							
7	Newdale*	2	3080	57			59.0	46.1	6/21	0.9	62	39.2	91.4	82.1	11.3	60.9	88	265	48							
8	AAC Synergy*	2	3518	65			58.8	46.0	6/20	0.9	64	41.0	94.0	82.7	10.9	61.1	34	282	47							

*Cerveza, Newdale, & AAC Synergy 2 year means are for 2013 & 2014, not 2014 & 2015

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