

## 2015 Winter Malting Barley Regional Trial Summary – Cornell University

Entry	Row	Grain Yield (kg/h)								Test Weight kg/hl	Lodg. 0-9	Height cm	Head Date	Wint Surv %	FHB Inc %	FHB Sev %	FHB Index (%)	PHS FHB Rank	PHS Score 0-9			
		Regional Locations																				
		lth-Hel	lth-Ket	MontC	GenCc	Mean bu/ac	Rank	kg/hl	Rank													
1	Charles	2	2074	2891	1531	2713	2302	43	21	55.3	21	4.5	52	5/2	84	63	14	9	4	4.1		
2	Saturn*	6	3572	3621	3659	4628	3870	72	1	57.6	18	2.5	56	5/29	95	72	16	11	8	0.6		
3	10467p2	6	2449	3029	3664	3324	3116	58	5	61.0	6	2.2	57	5/28	93	77	18	14	15	1.5		
4	10467r2	6	2556	3075	3352	3182	3044	57	6	61.9	2	2.7	60	5/27	88	68	17	12	10	2.8		
5	10467r4	6	2290	2844	2139	2902	2544	47	19	59.3	16	2.8	55	5/28	83	82	22	18	21	4.1		
6	03/220/158	6	2267	2353	4034	2422	2769	51	13	59.5	15	3.5	55	5/4	92	98	33	33	22	0.3		
7	KWS Scala	2	2670	2516	3552	3198	2984	55	8	60.0	12	2.3	57	5/4	91	75	17	13	13	1.7		
8	SY Tepee (209-66)	2	2567	3133	3355	3077	3033	56	7	60.3	9	2.5	54	5/2	92	80	20	16	19	0.7		
9	SY Mezmar (209-72)	2	2056	2636	3067	3815	2894	54	10	60.1	11	2.0	59	5/9	80	78	14	11	9	1.4		
10	Endeavor	2	2973	3227	4073	3228	3375	63	3	62.6	1	2.7	62	5/30	87	73	13	10	5	5.8		
11	WintMalt	2	1891	1726	3126	3591	2583	48	18	59.2	17	1.7	56	5/6	85	85	18	15	17	1.5		
12	6Ab08-X03W012-5	6	2838	3019	4109	3767	3433	64	2	61.1	5	2.7	74	5/27	94	85	21	18	20	2.5		
13	02Ab431	2	2254	3048	2216	2946	2616	49	17	59.9	13	3.8	61	5/5	85	70	17	12	11	4.5		
14	02Ab671	2	2619	2697	2644	3147	2777	52	12	60.5	7	2.7	61	5/4	92	85	19	16	18	5.5		
15	2Ab08-X05W061-208	2	2620	2570	2872	3164	2807	52	11	54.3	22	3.5	52	5/11	91	57	11	6	1	3.3		
16	KWS Stella	2	2361	2224	3589	2601	2694	50	14	61.5	3	1.0	57	5/27	74	70	18	12	12	3.2		
17	2Ab08-X05W061-216	2	2444	2551	2245	2897	2534	47	20	56.7	20	4.8	57	5/5	86	68	19	13	14	3.5		
18	02Ab669	2	2190	2391	2869	3288	2685	50	15	59.8	14	3.0	65	5/6	80	85	18	15	16	6.3		
19	Nectararia	2	1973	2713	3675	2370	2683	50	16	60.5	8	1.5	54	5/29	83	63	14	9	3	3.7		
20	AC 07/041/33	2	2653	2765	3399	2983	2950	55	9	61.4	4	3.3	52	5/27	83	68	13	9	2	1.1		
21	AC 07/041/8 (Flavia)	2	2811	2564	4315	3113	3201	59	4	60.1	10	2.3	50	5/28	82	73	15	11	7	3.2		
22	AC 07/022/2	2	1265	2055	1801	2455	1894	35	22	57.3	19	3.2	56	5/1	40	67	15	10	6	0.9		
Mean			2427	2711	3149	3128	2854	53		59.5		2.8	57	5/15	85	75	17	13		2.8		
CV			10.2	10.4	12.8	15.2																
* feed barley																						
<b>Cumulative Summary</b>										Kernel on Malt Barley Beta												
Entry	Row	Grain Yield						Test Wt(2Yr)	Lodg	Height	Head	Wint	Surv	Kernel Wt (mg)	6/64" (%)	Ext (%)	Protein (%)	DP ASBC	Glucan ppm	FAN ppm	Qual Score	
		4 Year	3 Year	2 Year	kg/h	b/a	kg/h															b/a
1	Charles	2	2972	55	2496	46	2209	41	56.2	43.9	3.5	51	5/18	63	38.3	96.3	80.9	11.9	112	152	236	43
2	Saturn*	6	4831	90	3886	72	3559	66	57.7	45.0	1.9	55	5/30	66	40.0	96.4	74.2	11.4	92.9	540	142	20
3	10467p2	6	4271	79	3243	60	2992	56	60.1	47.0	1.6	53	5/28	69	36.3	95.4	77.9	12.7	100	324	185	29
4	10467r2	6	4266	79	3217	60	2779	52	60.9	47.6	1.8	55	5/31	57	39.0	97.0	80.9	12.1	106	108	219	46
5	10467r4	6	4071	76	3020	56	2438	45	54.7	42.7	2.2	53	5/30	53	38.3	97.7	80.2	11.5	96.5	92	200	45
6	03/220/158	6	4010	75	2972	55	2737	51	58.5	45.7	2.5	53	5/21	66	39.1	96.3	78.3	12.1	132	259	157	31
7	KWS Scala	2	3829	71	2885	54	2681	50	58.7	45.9	1.4	56	5/19	68	46.8	98.6	80.1	11.8	110	90	194	47
8	Sy Tepee (SY209-66)	2	3904	73	3034	56	2748	51	59.6	46.6	1.6	52	5/19	62	48.3	98.2	80.4	12.4	168	42	198	62
9	SY Mezmar(209-72)	2	3863	72	2985	55	2691	50	59.5	46.5	1.6	57	5/22	53	43.4	95.8	80.4	10.9	99.6	64	167	47
10	Endeavor	2			3117	58	2945	55	62.3	48.6	2.2	63	6/2	62	37.3	90.8	79.2	11.7	110	394	183	35
11	WintMalt	2			2287	43	2040	38	53.2	41.5	1.1	54	5/23	56	44.5	98.2	79.2	12.4	88.7	34	260	52
12	6Ab08-X03W012-5	6					3511	65	60.9	47.6	2.2	71	5/29	74								
13	02Ab431	2					2205	41	54.5	42.6	2.8	58	5/19	51								
14	02Ab671	2					2402	45	54.2	42.4	2.1	58	5/22	59								
15	2Ab08-X05W061-208	2					2471	46	51.0	39.9	2.9	47	5/24	64								

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