

2014 Winter Malting Barley Regional Trial Summary - Cornell University

Entry	Grain Yield (kg/h)					Test		Lodg. Height		Head		Wint Kernel		on Malt		Barley		Qual Score					
	Regional Locations					Weight		cm		Date		Surv. Wt		6/64" Extract		Protein							
	Row	th	Ke	Gen	Co	Mont	C	Dut	Cc	Mean	bu/ac	Rank	kg/hl	Rank	0-9	cm	Date		%	(mg)	(%)	(%)	(%)
1 Charles	2	886	3522	1941	N	2116	39	17	57.1	14	2.5	50	6/2	42	40.8	96.8	82.3	10.5	48				
2 Saturn*	6	2050	4065	3630	O	3248	60	2	57.7	11	1.3	55	5/31	38	40.7	96.4	76.4	9.8	15				
3 10467p2	6	1186	4520	2895		2867	53	3	59.2	5	1.0	50	5/28	46	36.8	94.8	78.9	11.2	28				
4 10467r2	6	1168	3607	2773	D	2516	47	8	59.8	4	1.0	50	6/2	26	40.1	96.9	82.0	10.8	47				
5 10467r4	6	845	3939	2210	A	2332	43	14	50.0	18	1.5	50	6/1	23	39.0	97	81.5	9.8	42				
6 03/220/158	6	1069	3570	3476	T	2705	50	5	57.6	12	1.5	50	6/6	39	38.6	96	80.0	10.3	31				
7 KWS Scala	2	1289	3192	2655	A	2379	44	13	57.5	13	0.5	55	6/2	44	45.4	98.9	80.9	10.4	50				
8 Mystic	2	1032	3631	2835		2499	46	10	51.1	16	0.8	43	5/27	29	47.1	99.4	80.9	11.1	64				
9 Salanandre	2	614	3353	2640		2202	41	15	50.1	17	0.8	45	6/2	30	48.5	97.8	81.6	10.5	31				
10 Sytepee (SY209-6	2	806	3079	3504		2463	46	12	58.9	6	0.8	50	6/4	32	48.5	98.4	79.9	12.4	60				
11 SY209-72	2	787	3979	2699		2489	46	11	58.9	7	1.3	55	6/4	25	44.3	96.1	81.3	9.2	37				
12 Endeavor	2	1406	3977	2163		2515	47	9	62.0	1	1.8	65	6/4	38	35.8	87.1	81.9	10.0	39				
13 WintMalt	2	472	2333	1685		1497	28	22	47.2	22	0.5	53	6/8	28	45.6	98.2	78.9	11.4	54				
14 Kw 2-117	2	1170	3729	2772		2557	48	6	61.2	2	1.0	50	5/28	42	47.4	97.5	80.8	11.3	55				
15 KWS Ariane	2	534	2910	2498		1981	37	20	55.5	15	1.0	50	6/3	36	46.4	97.7	78.9	11.8	49				
16 KWS Liga	2	1019	2475	2630		2041	38	18	58.4	10	0.8	50	6/7	39	43.8	96.2	79.5	10.9	48				
17 6Ab08-X03W012-	6	1705	5233	3829		3589	67	1	60.7	3	1.8	68	5/30	54	35.9	90.9	79.1	10.1	32				
18 02Ab431	2	415	3502	1466		1794	33	21	49.1	19	1.8	55	6/1	16	38.9	94.4	82.1	9.9	50				
19 02Ab671	2	496	3553	2032		2027	38	19	47.9	20	1.5	55	6/8	27	37.4	95.7	81.8	9.8	47				
20 2Ab08-X05W061-	2	828	3192	2388		2136	40	16	47.8	21	2.3	43	6/5	37	36.4	92.7	82.7	9.2	41				
21 Archer	2	1227	4169	2223		2540	47	7	58.4	9	1.3	55	6/4	50	49.1	97.9	79.0	10.9	27				
22 California*	2	1165	3630	3348		2714	50	4	58.5	8	1.5	53	6/5	61	51.0	98.1	80.5	11.7	49				
Mean		1008	3598	2650		2418	45		55.7		1.3	52	6/2	36	42.6	96.1	80.7	10.6					
CV		19.9	12.7	18.0																			
* feed barley																							
Cumulative Summary																							
Entry	Grain Yield					Lodg Height		Head		Wint Kernel		on Malt		Barley		Beta		Qual Score					
	3 Yr		2 Yr		Test Wt (2 Yr)		0-9		cm		Date		Surv. Wt		6/64" Extract		Protein DP						
	kg/h	b/a	kg/h	b/a	kg/hl	lb/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			
1 Charles	2	3195	59	2593	48	54.8	42.8	1.3	56	5/29	67	38.3	96.3	80.9	11.9	112	152	236	43				
2 Saturn*	6	5151	96	3895	72	57.4	44.8	0.6	62	5/27	68	40.0	96.4	74.2	11.4	93	540	142	20				
3 10467p2	6	4655	87	3306	61	58.8	46.0	0.5	59	5/26	72	36.3	95.4	77.9	12.7	100	324	185	29				
4 10467r2	6	4674	87	3305	61	59.7	46.6	0.5	60	5/28	60	39.0	97.0	80.9	12.1	106	108	219	46				
5 10467r4	6	4580	85	3259	61	54.1	42.3	0.8	59	5/28	56	38.3	97.7	80.2	11.5	96	92	200	45				
6 03/220/158	6	4423	82	3073	57	57.8	45.2	0.8	61	6/3	67	39.1	96.3	78.3	12.1	132	259	157	31				
7 KWS Scala	2	4111	76	2835	53	57.9	45.2	0.3	62	5/31	70	46.8	98.6	80.1	11.8	110	90	194	47				
8 Mystic	2	4044	75	2991	56	55.6	43.4	0.4	53	5/25	62	47.6	98.7	79.4	13.1	124	194	209	52				
9 Salanandre	2	4022	75	3081	57	54.9	42.9	0.4	55	5/28	63	48.7	97.3	80.1	12.3	102	389	161	33				
10 Sytepee (SY209-6	2	4195	78	3034	56	59.9	46.8	0.4	62	6/1	64	48.3	98.2	80.4	12.4	168	42	198	62				
11 SY209-72	2	4186	78	3030	56	59.0	46.1	0.6	62	6/2	60	43.4	95.8	80.4	10.9	100	64	167	47				
12 Endeavor	2			2987	56	61.4	48.0	0.9	71	6/2	56	37.3	90.8	79.2	11.7	110	394	183	35				
13 WintMalt	2			2139	40	53.3	41.7	0.3	64	6/4	61	44.5	98.2	79.2	12.4	89	34	260	52				

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