

# Kernel quality and Malting quality from Official Trials

Sort	Protein content						Sortering, pct kernels >2,5 mm					Viskosity, cP				Beta-glucan, mg/l				Extract, pct				Protein malt, pct				Soluble N, mg/100g dm				Kolbach Index, pct				Friability, pct				Final attenuation, pct				
	Loc.1	Loc.2	Loc.3	Loc.4	Loc.5	Mean	Loc.1	Loc.2	Loc.3	Loc.4	Loc.5	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean	Loc.1	Loc.2	Loc.3	Mean				
Congress Mash																																												
2013	Quench	9.1	11.2	10.6	10.9	10.4	92	94	91	97	94	1.57	1.53	1.51	1.54	170	159	96	142	80.1	82.0	80.7	80.9	10.5	10.0	9.7	10.1	667	710	696	691	40	45	45	43	91	94	94	93					
2013	Crossway	9.0	11.1	10.0	10.7	10.2	94	96	95	98	96	1.46	1.45	1.45	1.45	39	37	37	38	82.3	83.1	82.3	82.6	10.1	9.2	9.5	9.6	752	771	748	757	47	52	49	49	99	##	##	100					
Congress Mash																																												
2014	Quench	9.8	10.4	9.1	9.1	10.6	97	96	98	97	98	97	1.51	1.55	1.43	1.50	149	114	50	104	83.6	83.7	83.1	83.5	9.2	8.5	9.1	8.9	664	677	744	695	45	50	51	49	96	96	99	97				
2014	Crossway	10.0	10.1	9.8	9.1	10.7	96	97	97	97	98	97	1.45	1.49	1.44	1.46	50	63	54	56	84.7	84.5	82.6	83.9	9.1	8.8	9.4	9.1	720	725	778	741	50	52	52	51	99	99	99	99				
2014	Flair	9.0	10.4	9.6	8.9	10.2	95	93	97	93	97	95	1.46	1.50	1.43	1.46	62	148	50	87	82.5	84.3	82.8	83.2	9.6	8.8	9.1	9.2	692	680	701	691	45	48	48	47	96	96	98	97				
Isoterm mæsk 65°C																																												
2015	Quench	9.6	7.9	8.2	8.9	9.8	97	95	98	98	97	97	1.49	1.46	1.47	1.47	127	50	63	80	85.1	84.3	84.9	84.8	7.1	8.3	8.6	8.0	576	642	720	646	51	49	53	51	96	98	98	97	88.3	88.3	87.6	88.1
2015	Flair	9.8	7.8	7.7	8.4	9.6	96	95	96	96	93	95	1.46	1.42	1.44	1.44	78	50	50	59	85.4	82.6	84.7	84.2	6.8	7.6	8.5	7.6	557	599	712	623	51	49	53	51	99	98	99	99	87.3	89.0	88.5	88.3
2015	Embrace	8.9	7.4	8.1	8.6	9.7	97	98	97	97	96	97	1.49	1.44	1.47	1.47	191	53	130	125	85.7	83.2	85.0	84.6	7.0	7.7	8.0	7.6	560	572	635	589	50	46	50	49	96	97	96	96	87.4	88.1	87.3	87.6
2015	Cosmopolitan	10.0	7.4	8.0	8.5	9.6	98	97	97	99	98	98	1.51	1.47	1.45	1.48	223	103	91	139	84.3	83.2	85.5	84.3	6.6	8.1	8.2	7.6	538	628	697	621	51	48	53	51	97	99	99	98	87.3	87.3	87.5	87.4
2015	Prospect	9.8	7.3	7.9	8.8	9.6	97	95	96	98	96	96	1.52	1.46	1.47	1.48	167	60	94	107	86.0	84.8	85.0	85.3	7.2	7.8	8.1	7.7	528	622	666	605	46	50	52	49	96	99	96	97	87.2	88.3	87.3	87.6
Isoterm mæsk 65°C																																												
2016	Quench	11.1	10.7	10.8	10.3	10.4	10.9				95	1.69	1.56	1.52	1.59	708	268	204	393	81.7	85.1	83.9	83.5	10.8	9.2	9.3	9.8	735	692	741	723	43	47	50	47	60	88	91	80	85.6	87.1	87.3	86.7	
2016	KWS Irina	10.3	10.9	11.3	10.1	10.1	10.6				94	1.69	1.60	1.53	1.61	753	459	293	502	82.9	84.2	83.8	83.6	10.7	9.1	9.0	9.6	658	654	654	655	39	45	46	43	52	80	89	74	84.7	87.0	87.1	86.3	
2016	Laureate	11.1	10.5	10.9	9.2	10.1	10.4				96	1.66	1.54	1.49	1.56	645	396	218	420	83.3	85.0	84.0	84.1	9.8	8.7	9.4	9.3	685	650	751	695	44	47	50	47	59	87	92	79	84.7	84.9	87.5	85.7	
2016	Embrace	10.1	10.6	10.8	9.8	10.0	10.3				94	1.68	1.54	1.51	1.58	543	286	221	350	81.1	85.8	83.9	83.6	10.0	8.9	9.0	9.3	660	635	694	663	41	44	48	44	56	84	92	77	85.1	85.9	88.4	86.5	
2016	Cosmopolitan	10.4	10.7	11.0	9.9	10.5	10.5				95	1.78	1.54	1.47	1.60	543	288	120	317	81.0	85.0	84.4	83.5	10.2	8.7	9.1	9.3	631	666	655	651	39	48	45	44	52	89	94	78	84.1	87.2	87.8	86.4	
2016	Prospect	10.9	11.1	11.2	10.0	10.0	10.6				95	1.73	1.61	1.52	1.62	729	423	231	461	81.0	84.7	84.7	83.5	10.3	10.0	9.3	9.9	630	705	681	672	38	44	46	43	40	79	89	69	83.2	87.0	87.5	85.9	
2016	Champ	10.7	10.5	11.1	10.9	10.5	10.8				96	1.73	1.63	1.50	1.62	480	486	265	410	81.7	83.6	84.3	83.2	9.8	9.7	9.0	9.5	625	675	644	648	40	44	45	43	59	75	89	74	85.3	87.0	89.1	87.1	
2016	Applaus	10.9	10.4	11.0	10.4	10.1	10.6				95	1.64	1.48	1.47	1.53	654	144	151	316	80.8	85.1	84.1	83.3	10.2	8.4	9.0	9.2	618	642	678	646	38	48	47	44	53	94	95	81	84.4	88.5	88.3	87.1	
2016	Rotator					10.9					97	1.74	1.60	1.50	1.61	798	298	240	445	80.4	84.2	82.9	82.5	11.2	9.2	9.4	9.9	685	672	743	700	38	46	49	44	52	88	91	77	83.9	86.2	87.4	85.8	
2016	Ellinor	11.2	10.6	11.3	10.8	10.5	10.9				94	1.82	1.58	1.51	1.64	###	432	250	561	80.6	83.6	84.3	82.9	10.3	9.4	9.6	9.8	574	686	753	671	35	46	49	43	44	75	88	69	83.3	85.8	87.2	85.4	

In grey results with very low modification