


HGCA HGCA 2007 CQS Number of Wheat Samples by Variety

Variety	East	North	South East	South West	Midlands	GB
Alchemy	532	2,123	794	570	954	5,112
Claire	405	1,204	894	325	680	3,535
Consort	89	362	93	19	220	888
Cordiale	389	1,519	518	82	603	3,224
Einstein	1,426	3,498	1,524	496	2,047	9,093
Gladiator	242	1,016	166	44	458	1,931
Hereward	328	679	968	302	934	3,211
Malacca	298	949	319	136	634	2,393
Napier	25	83	21	3	46	178
Nijinsky	76	370	52	3	161	674
Robigus	905	2,476	1,265	311	1,326	6,582
Soissons	184	196	351	43	75	849
Solstice	1,346	2,281	2,483	548	2,250	9,054
Xi19	395	358	599	85	285	1,724
Total	7,349	18,692	10,660	3,187	11,715	52,701

For more, contact mi@hgca.com



HGCA 2007 CQS Wheat Analysis by Variety

Mean Values

	nabim group	Number of samples	Moisture Content		Specific Weight		Hagberg F-Number		Protein Content	
			%	sd*	Kg/hl	sd*	Seconds	sd*	% d.m	sd*
Malacca	1	2,393	14.3	0.85	74.6	2.66	274	53.94	13.0	0.65
Hereward	1	3,211	14.5	0.80	77.3	2.32	208	63.11	13.2	0.56
Solstice	1	9,054	14.5	0.77	76.6	2.27	249	46.12	12.6	0.59
Xi 19	1	1,724	14.3	0.84	75.5	2.70	264	54.41	12.5	0.72
All Grp 1	1	16,582	14.4	0.80	76.3	2.54	246	55.88	12.8	0.65
Cordiale	2	3,224	14.4	0.84	77.5	2.24	287	41.48	12.6	0.76
Einstein	2	9,093	14.4	0.79	75.4	2.29	253	48.05	12.3	0.61
Soissons	2	849	14.7	0.92	77.2	2.21	257	54.75	12.9	0.71
All Grp 2	2	13,550	14.5	0.82	76.0	2.46	259	49.86	12.4	0.69
Claire	3	3,535	14.5	0.87	75.6	2.45	242	52.67	11.8	0.73
Consort	3	888	14.5	0.93	75.3	2.42	240	45.39	11.3	0.69
Nijinsky	3	674	14.6	1.00	74.9	2.21	214	50.85	11.3	0.69
Robigus	3	6,582	14.6	0.91	74.9	2.47	200	50.61	11.5	0.69
All Grp 3	3	13,057	14.6	0.91	75.1	2.49	221	55.48	11.6	0.73
All Grp 4	4	9,512	14.6	0.92	74.6	2.60	223	51.43	11.6	0.77
ukp	1 or 2	29,646	14.4	0.81	76.2	2.50	252	53.51	12.6	0.69
uks	3 or 4	18,664	14.6	0.91	75.0	2.51	220	53.47	11.5	0.72

* Standard Deviation For more, contact mi@hgca.com

All averages are simple arithmetic means


HGCA HGCA 2007 CQS Wheat Analysis by Region
Mean Values

	Number of Samples	Moisture Content		Specific Weight		Hagberg F-Number		Protein Content	
		%	sd*	Kg/hl	sd*	Seconds	sd*	% d.m	sd*
Eastern	7,349	14.3	0.84	76.2	2.66	259	54.39	12.3	0.87
Midlands	11,715	14.6	0.85	75.0	2.70	225	56.62	12.1	0.91
Northern	18,692	14.6	0.88	75.4	2.48	238	51.35	11.9	0.84
S. East	10,660	14.5	0.79	76.4	2.40	253	55.51	12.5	0.78
S. West	3,187	14.6	0.82	74.6	2.47	220	57.22	12.3	0.91
Scotland	956	14.5	1.09	75.7	2.17	225	57.95	11.7	0.96
Wales	142	14.7	0.74	73.0	2.11	197	50.05	12.3	0.89
GB	52,701	14.5	0.86	75.6	2.60	239	55.83	12.2	0.88

* Standard Deviation

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HGCA 2007 CQS Wheat Analysis by Region, by nabim Group and Export Brand
Mean Values

	nabim group	Number of samples	Moisture Content		Specific Weight		Hagberg F-Number		Protein Content	
			%	sd*	Kg/hl	sd*	Seconds	sd*	% d.m	sd*
South East	1	4,400	14.4	0.79	77.0	2.31	262	52.85	12.8	0.65
	2	2,514	14.5	0.79	76.5	2.38	266	52.76	12.6	0.68
	3	2,507	14.4	0.79	75.9	2.20	234	54.50	11.9	0.68
	4	1,239	14.6	0.83	75.3	2.53	232	56.02	12.0	0.67
	ukp	6,772	14.4	0.79	76.8	2.34	265	52.09	12.8	0.66
	uks	3,358	14.5	0.81	75.7	2.29	233	54.60	11.9	0.67
South West	1	1,078	14.5	0.78	75.1	2.33	227	60.02	13.0	0.66
	2	670	14.6	0.78	74.8	2.31	237	54.24	12.5	0.71
	3	715	14.6	0.87	74.1	2.36	199	56.00	11.7	0.71
	4	724	14.6	0.87	74.2	2.73	213	47.24	11.7	0.75
	ukp	1,696	14.5	0.78	75.0	2.33	232	58.04	12.8	0.71
	uks	1,324	14.6	0.85	74.2	2.53	205	52.34	11.7	0.73
Eastern	1	2,393	14.3	0.81	77.1	2.54	267	51.11	12.9	0.64
	2	2,021	14.3	0.80	76.5	2.47	277	46.86	12.6	0.62
	3	1,718	14.4	0.86	75.6	2.58	242	54.68	11.6	0.72
	4	1,217	14.4	0.94	75.2	2.62	236	57.47	11.8	0.83
	ukp	4,388	14.3	0.80	76.8	2.53	271	49.48	12.8	0.65
	uks	2,316	14.4	0.88	75.5	2.61	239	56.19	11.6	0.71
Midlands	1	4,155	14.5	0.80	75.7	2.59	229	55.62	12.7	0.67
	2	2,768	14.5	0.81	75.4	2.54	250	49.72	12.3	0.67
	3	2,675	14.6	0.90	74.4	2.63	203	56.38	11.4	0.70
	4	2,117	14.7	0.91	73.8	2.64	209	52.35	11.5	0.79
	ukp	6,860	14.5	0.80	75.6	2.56	237	54.13	12.5	0.70
	uks	3,805	14.7	0.90	74.3	2.61	204	53.59	11.3	0.69
North	1	4,335	14.5	0.80	76.1	2.43	241	52.35	12.7	0.61
	2	5,343	14.5	0.83	75.9	2.34	258	46.79	12.2	0.67
	3	4,967	14.6	0.94	75.0	2.40	222	51.32	11.4	0.68
	4	4,047	14.7	0.93	74.7	2.45	227	46.15	11.5	0.71
	ukp	9,510	14.5	0.82	76.0	2.37	251	49.96	12.4	0.67

* Standard Deviation

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All averages are simple arithmetic means


HGCA 2007 CQS Wheat Analysis by Region by Harvest Date
Mean Values

Region	Harvest Date	Moisture Content		Specific Weight		Hagberg Falling Number		Protein Content	
		%	sd*	Kg/hl	s.d*	Seconds	s.d*	% d.m	s.d*
Eastern	Late July	15.13	1.14	77.08	1.42	327	31.75	12.15	0.71
	Early Aug	14.11	0.82	77.25	2.50	275	50.14	12.42	0.95
	Late Aug	14.27	0.83	76.71	2.43	265	49.53	12.37	0.91
	Early Sep	14.56	0.88	75.13	2.69	237	58.84	12.19	0.81
	Late Sep	14.38	0.76	75.44	2.53	249	55.37	12.38	0.76
Northern	Late July	14.78	0.84	76.64	2.09	272	55.94	12.32	0.87
	Early Aug	14.33	0.79	76.43	2.22	246	51.90	12.10	0.85
	Late Aug	14.49	0.90	75.85	2.35	243	51.19	11.98	0.86
	Early Sep	14.79	0.95	74.85	2.46	229	48.56	11.88	0.81
	Late Sep	14.60	0.76	74.81	2.51	235	52.64	11.84	0.83
South Eastern	Late July	15.32	0.77	77.98	1.52	300	39.65	12.52	0.68
	Early Aug	14.33	0.79	77.38	1.94	265	52.15	12.59	0.75
	Late Aug	14.39	0.79	76.81	2.27	268	50.11	12.50	0.78
	Early Sep	14.58	0.80	75.26	2.38	230	54.13	12.37	0.77
	Late Sep	14.50	0.75	75.55	2.44	226	53.83	12.39	0.79
South Western	Late July	14.58	0.45	76.80	3.11	-	-	13.52	0.50
	Early Aug	14.60	0.95	75.40	2.60	235	60.30	12.48	1.01
	Late Aug	14.47	0.79	75.08	2.40	236	54.98	12.44	0.91
	Early Sep	14.69	0.82	73.61	2.18	199	52.42	12.24	0.80
	Late Sep	14.51	0.73	74.40	2.38	210	52.62	12.01	0.86
Midlands	Late July	15.28	1.18	75.15	3.59	256	51.70	12.45	1.05
	Early Aug	14.34	0.88	76.14	2.71	244	60.20	12.43	0.95
	Late Aug	14.51	0.89	75.73	2.44	234	54.24	12.15	0.91
	Early Sep	14.70	0.86	74.22	2.60	209	55.85	12.01	0.85
	Late Sep	14.60	0.75	74.24	2.59	220	53.02	11.94	0.90

* Standard Deviation

For more, contact mi@hgca.com**All averages are simple arithmetic means**


HGCA 2007 CQS Wheat Analysis by Variety by Region

Mean Values

Variety	Region	Number of Samples	Moisture Content		Specific Weight		Hagberg F-Number		Protein Content	
			%	s.d.*	Kg/hl	s.d.*	Seconds	s.d.*	%	s.d.*
Claire	Eastern	405	14.33	0.81	76.03	2.75	266	53.05	11.85	0.72
	Midlands	680	14.65	0.93	75.07	2.71	225	50.30	11.61	0.73
	Northern	1204	14.62	0.92	75.63	2.33	246	46.77	11.62	0.69
	S. East	894	14.41	0.75	76.29	2.03	250	51.76	12.10	0.67
	S. West	325	14.51	0.85	74.50	2.26	212	56.45	11.84	0.76
	Scot	17	14.93	1.13	75.91	1.61	225	62.98	11.47	0.78
	GB	3535	14.53	0.87	75.62	2.45	242	52.67	11.79	0.73
Einstein	Eastern	1426	14.30	0.78	76.10	2.22	274	43.95	12.50	0.54
	Midlands	2047	14.47	0.78	74.87	2.28	242	47.66	12.21	0.60
	Northern	3498	14.47	0.79	75.43	2.21	251	45.41	12.13	0.60
	S. East	1524	14.49	0.81	75.81	2.27	260	50.58	12.52	0.57
	S. West	496	14.59	0.76	74.46	2.20	235	51.59	12.37	0.62
	Scot	88	14.33	0.73	76.27	1.87	260	38.29	12.04	0.75
	GB	9093	14.45	0.79	75.41	2.29	253	48.05	12.28	0.61
Hereward	Eastern	328	14.41	0.76	78.64	2.07	224	55.14	13.48	0.50
	Midlands	934	14.49	0.80	77.10	2.32	185	57.89	13.11	0.56
	Northern	679	14.63	0.79	76.93	2.11	203	54.84	12.96	0.51
	S. East	968	14.49	0.76	77.56	2.30	240	62.43	13.24	0.55
	S. West	302	14.72	0.90	76.08	2.20	175	54.48	13.26	0.58
	Scot	-	-	-	-	-	-	-	-	-
	GB	3211	14.53	0.80	77.26	2.32	208	63.11	13.17	0.56
Malacca	Eastern	298	14.18	0.93	75.34	2.75	307	42.36	13.15	0.59
	Midlands	634	14.22	0.86	73.41	2.52	261	57.19	13.07	0.68
	Northern	949	14.34	0.82	74.93	2.51	267	51.84	12.80	0.60
	S. East	319	14.18	0.78	75.73	2.22	289	45.03	13.11	0.57
	S. West	136	14.32	0.76	73.82	2.62	278	57.45	13.46	0.60
	Scot	43	14.85	1.23	74.47	2.38	289	36.51	12.36	0.74
	GB	2393	14.27	0.85	74.57	2.66	274	53.94	13.00	0.65
Robigus	Eastern	905	14.40	0.86	75.59	2.51	224	49.31	11.54	0.67
	Midlands	1326	14.69	0.87	74.09	2.51	177	47.28	11.24	0.65
	Northern	2476	14.69	0.95	74.79	2.37	200	47.09	11.34	0.65
	S. East	1265	14.48	0.80	75.77	2.29	216	49.89	11.86	0.67
	S. West	311	14.65	0.89	73.86	2.37	183	50.39	11.68	0.61
	Scot	273	14.56	1.20	75.26	1.94	185	45.38	11.21	0.63
	GB	6582	14.60	0.91	74.91	2.47	200	50.61	11.46	0.69
Soissons	Eastern	184	14.55	0.87	77.42	2.47	267	55.54	12.91	0.70
	Midlands	75	15.32	1.09	75.59	2.57	236	46.68	12.98	0.84
	Northern	196	14.89	0.90	76.91	2.02	246	53.13	12.67	0.84
	S. East	351	14.45	0.84	77.73	1.76	269	52.33	12.98	0.59
	S. West	43	14.67	0.87	75.65	2.13	209	42.78	13.23	0.40
	Scot	-	-	-	-	-	-	-	-	-
	GB	849	14.66	0.92	77.16	2.21	257	54.75	12.91	0.71
Solstice	Eastern	1346	14.30	0.76	77.58	2.18	271	39.08	12.76	0.55
	Midlands	2250	14.54	0.74	75.86	2.20	236	42.41	12.50	0.57
	Northern	2281	14.46	0.78	76.66	2.14	241	46.43	12.58	0.58
	S. East	2483	14.43	0.78	77.13	2.18	263	44.85	12.76	0.59
	S. West	548	14.51	0.69	75.35	1.97	241	43.02	12.77	0.59
	Scot	90	14.38	0.77	76.08	2.12	222	47.17	12.39	0.53
	GB	9054	14.45	0.77	76.60	2.27	249	46.12	12.65	0.59

* Standard Deviation

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All averages are simple arithmetic means


HGCA 2007 CQS Number of Barley Samples by Variety

Variety	East	North	Scotland	South East	South West	Midlands	GB
Carat	268	342	-	128	42	138	919
Cellar	9	35	6	34	13	29	126
Cocktail	366	737	441	186	113	394	2,245
Flagon	263	615	-	83	100	216	1,277
Optic	337	344	2,561	725	495	325	4,787
Pearl	720	2,054	335	169	98	536	3,919

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HGCA 2007 CQS Barley Analysis by Variety

Mean Values

	Number of Samples	Moisture Content		Specific Weight		Nitrogen Content		Screening Values % through 2.25mm		Screening Values % retained 2.5mm	
		%	*sd	Kg/hl	*sd	% d.m.	*sd	%	*sd	%	*sd
Winter	6,909	15.6	1.62	64.9	2.16	1.81	0.14	3.8	2.29	89.7	5.84
Carat	919	15.1	1.43	65.0	2.35	1.92	0.14	2.6	1.50	93.1	3.51
Flagon	1,277	15.4	1.53	63.8	2.33	1.72	0.12	3.2	1.93	91.3	4.48
Pearl	3,919	15.6	1.51	64.8	1.93	1.81	0.12	2.6	1.37	93.1	3.04
Spring	15,415	15.9	1.64	63.6	2.43	1.67	0.15	4.3	2.20	88.9	5.58
Cocktail	2,245	15.6	1.66	63.5	2.37	1.70	0.14	5.8	2.37	83.8	5.47
Optic	4,787	16.0	1.76	64.6	2.37	1.66	0.15	4.8	2.22	87.8	5.95

* Standard Deviation

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HGCA 2007 CQS Barley Analysis by Region

Mean Values

	Number of Samples	Moisture Content		Specific Weight		Nitrogen Content		Screening Values % through 2.25mm		Screening Values % retained 2.5mm	
		%	sd*	Kg/hl	sd*	% d.m.	sd*	%	sd*	%	sd*
Eastern	2,758	15.0	1.33	64.1	2.35	1.7	0.17	4.1	2.47	88.7	6.01
Midlands	2,361	15.2	1.34	63.3	2.35	1.76	0.16	4.0	2.28	88.8	5.74
Northern	5,715	15.5	1.38	64.1	2.26	1.76	0.14	3.8	2.18	90.0	5.43
S. East	2,098	14.8	1.07	63.3	2.34	1.75	0.13	4.2	2.12	87.6	5.54
S. West	1,470	15.1	1.28	63.0	2.47	1.73	0.14	4.6	2.29	87.8	5.69
Scot	7,898	16.9	1.59	65.8	1.86	1.63	0.16	4.4	2.09	89.5	5.56
GB	22,324	15.8	1.64	64.0	2.42	1.71	0.16	4.1	2.23	89.1	5.67

* Standard Deviation

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HGCA 2007 CQS Barley Analysis by Region by Harvest Date

Mean Values

Region	Harvest Date	Moisture Content		Specific Weight		Hagberg Falling Number		Protein Content	
		%	sd*	Kg/hl	s.d*	Seconds	s.d*	% d.m	s.d*
Eastern	Late July	15.13	1.14	77.08	1.42	327	31.75	12.15	0.71
	Early Aug	14.11	0.82	77.25	2.50	275	50.14	12.42	0.95
	Late Aug	14.27	0.83	76.71	2.43	265	49.53	12.37	0.91
	Early Sep	14.56	0.88	75.13	2.69	237	58.84	12.19	0.81
	Late Sep	14.38	0.76	75.44	2.53	249	55.37	12.38	0.76
Northern	Late July	14.78	0.84	76.64	2.09	272	55.94	12.32	0.87
	Early Aug	14.33	0.79	76.43	2.22	246	51.90	12.10	0.85
	Late Aug	14.49	0.90	75.85	2.35	243	51.19	11.98	0.86
	Early Sep	14.79	0.95	74.85	2.46	229	48.56	11.88	0.81
	Late Sep	14.60	0.76	74.81	2.51	235	52.64	11.84	0.83
South Eastern	Late July	15.32	0.77	77.98	1.52	300	39.65	12.52	0.68
	Early Aug	14.33	0.79	77.38	1.94	265	52.15	12.59	0.75
	Late Aug	14.39	0.79	76.81	2.27	268	50.11	12.50	0.78
	Early Sep	14.58	0.80	75.26	2.38	230	54.13	12.37	0.77
	Late Sep	14.50	0.75	75.55	2.44	226	53.83	12.39	0.79
South Western	Late July	14.58	0.45	76.80	3.11	-	-	13.52	0.50
	Early Aug	14.60	0.95	75.40	2.60	235	60.30	12.48	1.01
	Late Aug	14.47	0.79	75.08	2.40	236	54.98	12.44	0.91
	Early Sep	14.69	0.82	73.61	2.18	199	52.42	12.24	0.80
	Late Sep	14.51	0.73	74.40	2.38	210	52.62	12.01	0.86
Midlands	Late July	15.28	1.18	75.15	3.59	256	51.70	12.45	1.05
	Early Aug	14.34	0.88	76.14	2.71	244	60.20	12.43	0.95
	Late Aug	14.51	0.89	75.73	2.44	234	54.24	12.15	0.91
	Early Sep	14.70	0.86	74.22	2.60	209	55.85	12.01	0.85
	Late Sep	14.60	0.75	74.24	2.59	220	53.02	11.94	0.90

* Standard Deviation

All averages are simple arithmetic means



HGCA 2007 CQS Barley Analysis by Variety by Region

Mean Values

Variety	Region	Number of Samples	Moisture Content		Specific Weight		Nitrogen Content		Screening Values % through 2.25mm		Screening Values % retained 2.5mm	
			%	sd*	Kg/hl	s.d*	%	s.d*	%	s.d*	%	s.d*
Cocktail	Eastern	366	14.61	1.30	64.56	2.49	1.66	0.14	6.55	3.05	81.87	6.82
	Midlands	394	15.08	1.16	62.75	2.31	1.72	0.15	5.62	2.32	83.95	5.56
	Northern	737	15.47	1.28	63.58	2.24	1.73	0.13	5.49	2.18	84.59	5.00
	S. East	186	14.85	1.07	63.08	2.04	1.73	0.13	5.47	1.88	83.59	4.65
	S. West	113	14.93	0.85	62.40	2.32	1.73	0.13	5.84	2.30	83.13	6.01
	Scot	441	17.57	1.77	64.71	2.01	1.66	0.13	5.94	2.14	84.04	4.87
	GB	2245	15.57	1.66	63.46	2.37	1.70	0.14	5.79	2.37	83.78	5.47
Flagon	Eastern	263	15.38	1.46	63.21	3.00	1.74	0.13	3.78	2.40	89.19	5.28
	Midlands	216	15.38	1.77	63.12	1.88	1.71	0.12	2.96	1.74	91.03	3.98
	Northern	615	15.56	1.51	63.93	2.07	1.72	0.11	3.22	1.81	91.76	3.97
	S. East	83	14.97	1.25	64.88	1.52	1.74	0.11	2.71	1.20	91.71	3.78
	S. West	100	14.99	1.38	65.57	1.92	1.71	0.12	1.88	1.05	94.24	4.24
	Scot	-	-	-	-	-	-	-	-	-	-	-
	GB	1277	15.41	1.53	63.82	2.33	1.72	0.12	3.17	1.93	91.29	4.48
Optic	Eastern	337	14.78	1.11	64.42	2.06	1.66	0.15	4.52	2.02	87.05	4.90
	Midlands	325	15.11	1.09	63.51	2.04	1.74	0.14	5.29	2.21	85.24	5.46
	Northern	344	15.48	1.32	64.45	2.14	1.73	0.13	5.62	2.20	83.51	5.43
	S. East	725	14.82	1.11	63.39	2.09	1.74	0.13	4.90	2.08	85.71	4.98
	S. West	495	15.01	1.16	62.75	1.94	1.72	0.14	5.27	2.29	85.64	4.99
	Scot	2561	16.97	1.67	66.29	1.68	1.60	0.14	4.10	2.13	90.47	5.64
	GB	4787	16.04	1.76	64.62	2.37	1.66	0.15	4.80	2.22	87.84	5.95
Pearl	Eastern	720	15.31	1.36	64.35	1.93	1.80	0.11	2.92	1.55	92.19	3.29
	Midlands	536	15.29	1.37	64.23	1.87	1.80	0.13	2.48	1.22	93.19	2.78
	Northern	2054	15.76	1.49	65.01	1.79	1.81	0.13	2.54	1.33	93.22	2.90
	S. East	169	14.90	1.03	65.40	1.91	1.82	0.13	2.37	1.23	93.28	3.07
	S. West	98	15.31	1.24	65.92	2.26	1.86	0.11	2.64	1.44	93.23	3.92
	Scot	335	16.46	1.86	65.88	2.34	1.85	0.12	2.44	1.19	93.89	2.97
	GB	3919	15.62	1.51	64.84	1.93	1.81	0.12	2.60	1.37	93.08	3.04

* Standard Deviation

For more, contact mi@hgca.com

All averages are simple arithmetic means

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