

Chopin Alveograph and Wet Gluten Survey Final Results 2021



The AHDB Cereals & Oilseeds annual Chopin Alveograph and Wet Gluten Survey uses samples of **ukp** and **uks** varieties which meet the physical classification specification. The varieties surveyed and the **ukp** and **uks** specifications are shown at the end of this report.



Variety	Region	Wet Gluten	P	L	P/L	W	G	le
COCHISE	CAMBRIDGESHIRE	26.8	45	206	0.22	208	31.9	50.1
CRUSOE	CAMBRIDGESHIRE	27.3	52	144	0.36	200	26.6	53.2
CRUSOE	CAMBRIDGESHIRE	26.3	55	140	0.39	208	26.3	53.8
CRUSOE	ESSEX	27.2	63	148	0.43	242	27.0	53.3
CRUSOE	ESSEX	28.6	46	196	0.23	204	31.1	52.1
CRUSOE	LEICESTERSHIRE	26.3	71	125	0.57	264	24.8	56.9
CRUSOE	LINCOLNSHIRE	22.9	59	136	0.43	225	25.9	54.7
CRUSOE	LINCOLNSHIRE	24.0	71	96	0.74	211	21.8	53.6
CRUSOE	NORTHAMPTONSHIRE	25.7	67	95	0.71	193	21.6	50.9
CRUSOE	OXFORDSHIRE	17.7	59	133	0.44	225	25.6	55.9
CRUSOE	OXFORDSHIRE	18.9	65	68	0.96	153	18.3	50.2
CRUSOE	OXFORDSHIRE	18.6	60	87	0.69	163	20.7	50.7
CRUSOE	SHROPSHIRE	22.6	70	125	0.56	270	24.8	57.4
CRUSOE	SHROPSHIRE	26.9	71	144	0.49	291	26.6	56.5
CRUSOE	SHROPSHIRE	16.9	68	70	0.97	167	18.6	51.9
CRUSOE	SHROPSHIRE	22.1	61	123	0.5	219	24.6	54.6
CRUSOE	SUFFOLK	27.7	43	202	0.21	216	31.6	55.4
CRUSOE	WEST YORKSHIRE	22.9	69	112	0.62	238	23.5	56.1
CRUSOE	NORTHAMPTONSHIRE	23.0	65	131	0.50	240	25.4	54.0
CRUSOE	WEST YORKSHIRE	19.1	67	94	0.71	197	21.5	52.9
AVERAGE		23.4	62.2	124.7	0.6	217.2	24.5	53.9
DETROIT	ESSEX	24.4	79	78	1.01	211	19.6	54.4
EXTASE	AVON	20.8	65	110	0.59	229	23.3	57.4
EXTASE	BERKSHIRE	20.5	66	95	0.69	201	21.6	54.3
EXTASE	CAMBRIDGESHIRE	21.9	44	138	0.32	170	26.1	52.7
EXTASE	CAMBRIDGESHIRE	19.3	49	131	0.37	172	25.4	50.5
EXTASE	CHESHIRE	20.1	49	123	0.40	170	24.6	51.3
EXTASE	CHESHIRE	21.2	52	111	0.47	169	23.4	51.9
EXTASE	DERBYSHIRE	17.8	54	67	0.81	124	18.2	49.6
EXTASE	DORSET	19.9	51	108	0.47	164	23.1	52.7
EXTASE	EAST YORKSHIRE	20.2	56	121	0.46	198	24.2	53.3
EXTASE	EAST YORKSHIRE	21.8	67	87	0.77	197	20.7	55.1

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EXTASE	ESSEX	25.1	51	131	0.39	203	25.4	56.6
EXTASE	ESSEX	19.7	62	79	0.78	167	19.7	54.3
EXTASE	HAMPSHIRE	22.2	57	121	0.47	201	24.4	53.7
EXTASE	HAMPSHIRE	21.9	67	92	0.73	204	21.3	55.3
EXTASE	KENT	23.9	67	100	0.67	215	22.2	54.6
EXTASE	LINCOLNSHIRE	20.6	47	106	0.44	162	22.9	57.5
EXTASE	LINCOLNSHIRE	22.7	58	81	0.72	169	20.0	57.9
EXTASE	LINCOLNSHIRE	21.7	52	124	0.42	203	24.7	57.6
EXTASE	LINCOLNSHIRE	23.7	58	94	0.62	174	21.5	53.3
EXTASE	LINCOLNSHIRE	20.3	50	125	0.40	181	24.8	53.2
EXTASE	LINCOLNSHIRE	20.7	58	112	0.52	211	23.5	57.9
EXTASE	LINCOLNSHIRE	23.2	52	113	0.46	183	23.6	56.8
EXTASE	LINCOLNSHIRE	18.9	64	71	0.90	166	18.7	55.9
EXTASE	NORFOLK	17.7	51	87	0.59	145	20.7	52.6
EXTASE	NORFOLK	21.5	64	100	0.64	211	22.2	57.1
EXTASE	NORTH NORFOLK	22	50	112	0.45	165	23.5	51.7
EXTASE	NORTH YORKSHIRE	20.2	48	114	0.42	164	23.7	53.7
EXTASE	NORTH YORKSHIRE	23.0	58	113	0.51	204	23.6	55.8
EXTASE	NORTH YORKSHIRE	21.3	59	98	0.60	182	22.0	53.0
EXTASE	NORTHAMPTONSHIRE	23.6	52	155	0.34	217	27.6	54.5
EXTASE	NORTHAMPTONSHIRE	22.2	48	143	0.34	175	26.5	50.5
EXTASE	NORTHAMPTONSHIRE	20.5	49	122	0.40	170	24.5	52.6
EXTASE	NORTHAMPTONSHIRE	22.1	49	132	0.37	194	25.5	56.2
EXTASE	NORTHAMPTONSHIRE	17.8	44	117	0.38	146	24.0	50.6
EXTASE	NORTHUMBERLAND	23.4	58	103	0.56	171	22.5	49.6
EXTASE	NOTTINGHAMSHIRE	20.2	48	134	0.36	178	25.7	52.9
EXTASE	OXFORDSHIRE	22.7	68	68	1.00	175	18.3	58.1
EXTASE	OXFORDSHIRE	18.6	56	93	0.60	165	21.4	53.1
EXTASE	STAFFORDSHIRE	23.9	81	85	0.95	240	20.5	56.3
EXTASE	STAFFORDSHIRE	19.9	51	105	0.49	160	22.7	51.6
EXTASE	STAFFORDSHIRE	23.4	57	167	0.34	265	28.7	56.4
EXTASE	STAFFORDSHIRE	20.5	69	89	0.78	206	20.9	55.0
EXTASE	STAFFORDSHIRE	19.7	65	78	0.83	176	19.6	53.6
EXTASE	WILTSHIRE	20.6	62	106	0.58	210	22.9	55.8
EXTASE	WORCESTERSHIRE	18	69	46	1.5	130	15.1	50.7
AVERAGE		21.1	56.7	107	0.6	184	22.8	54.1
KWS SISKIN	BEDFORDSHIRE	23.0	47	155	0.30	189	27.6	51.5
KWS SISKIN	CAMBRIDGESHIRE	22.4	36	160	0.23	119	28.1	42.9
KWS SISKIN	CAMBRIDGESHIRE	21.2	55	111	0.50	190	23.4	54.9
KWS SISKIN	DERBYSHIRE	18.7	47	120	0.39	149	24.3	47.7
KWS SISKIN	ESSEX	27.0	59	127	0.46	236	25.0	59.4

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KWS SISKIN	HAMPSHIRE	21.0	49	137	0.36	189	26.0	51.7
KWS SISKIN	HERTFORDSHIRE	21.6	58	105	0.55	189	22.7	53.4
KWS SISKIN	KENT	22.6	56	125	0.45	199	24.8	52.8
KWS SISKIN	LINCOLNSHIRE	21.1	56	92	0.61	163	21.3	52.3
KWS SISKIN	LINCOLNSHIRE	22.6	50	142	0.35	189	26.5	52.1
KWS SISKIN	LINCOLNSHIRE	20.8	54	88	0.61	153	20.8	53
KWS SISKIN	LINCOLNSHIRE	21.8	44	135	0.33	150	25.8	47.1
KWS SISKIN	LINCOLNSHIRE	19.1	50	112	0.45	151	23.5	48.1
KWS SISKIN	LINCOLNSHIRE	18.2	63	82	0.77	166	20.1	51.4
KWS SISKIN	LINCOLNSHIRE	21.4	43	176	0.24	171	29.5	48.8
KWS SISKIN	LINCOLNSHIRE	17.8	69	38	1.82	106	13.7	41.4
KWS SISKIN	NORFOLK	29.3	49	127	0.39	176	25	52.3
KWS SISKIN	NORTHAMPTONSHIRE	20.7	54	83	0.65	150	20.2	53.5
KWS SISKIN	STAFFORDSHIRE	24.8	61	118	0.52	220	24.1	56.8
KWS SISKIN	STAFFORDSHIRE	21.3	47	113	0.42	145	23.6	47.8
KWS SISKIN	WILTSHIRE	19.6	65	71	0.92	165	18.7	54.2
AVERAGE		21.7	53.0	115	0.5	170	23.6	51.1
KWS ZYATT	BEDFORDSHIRE	27.0	66	74	0.89	162	19.1	51.8
KWS ZYATT	BERKSHIRE	20.9	70	82	0.85	196	20.1	55.0
KWS ZYATT	CAMBRIDGESHIRE	25.6	50	118	0.42	166	24.1	51.8
KWS ZYATT	CAMBRIDGESHIRE	25.3	60	125	0.48	225	24.8	56.0
KWS ZYATT	CAMBRIDGESHIRE	27.1	48	153	0.31	184	27.5	51.6
KWS ZYATT	CAMBRIDGESHIRE	26.6	54	129	0.42	202	25.2	55.5
KWS ZYATT	DERBYSHIRE	19.5	54	74	0.73	139	19.1	53.8
KWS ZYATT	EAST YORKSHIRE	22.7	55	116	0.47	199	23.9	56.7
KWS ZYATT	EAST YORKSHIRE	23.4	59	106	0.56	191	22.9	53.6
KWS ZYATT	EAST YORKSHIRE	20.1	66	79	0.84	185	19.7	56.3
KWS ZYATT	EAST YORKSHIRE	24.8	64	118	0.54	235	24.1	58.3
KWS ZYATT	ESSEX	23.0	52	109	0.48	181	23.2	56.2
KWS ZYATT	GLOUCESTERSHIRE	21.9	68	100	0.68	215	22.2	54.8
KWS ZYATT	GLOUCESTERSHIRE	27.2	58	124	0.47	217	24.7	56.5
KWS ZYATT	HERTFORDSHIRE	25.0	61	113	0.54	208	23.6	54.5
KWS ZYATT	KENT	24.0	66	78	0.85	173	19.6	53.0
KWS ZYATT	LEICESTERSHIRE	21	62	80	0.78	176	19.9	56.7
KWS ZYATT	LINCOLNSHIRE	22.8	57	91	0.63	177	21.2	56.9
KWS ZYATT	LINCOLNSHIRE	19.5	71	100	0.71	236	22.2	58.3
KWS ZYATT	LINCOLNSHIRE	23.6	57	142	0.4	252	26.5	60.1
KWS ZYATT	LINCOLNSHIRE	19.2	59	82	0.72	173	20.1	57.5
KWS ZYATT	LINCOLNSHIRE	21.8	67	88	0.76	203	20.8	56
KWS ZYATT	NORFOLK	23.3	62	101	0.61	204	22.3	56.9
KWS ZYATT	NORFOLK	26.4	57	141	0.4	235	26.4	56.5

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KWS ZYATT	NORTHAMPTONSHIRE	24.8	53	123	0.43	197	24.6	56.7
KWS ZYATT	NORTHAMPTONSHIRE	27.8	47	151	0.31	194	27.3	55.1
KWS ZYATT	NOTTINGHAMSHIRE	25	48	144	0.33	200	26.6	57
KWS ZYATT	NOTTINGHAMSHIRE	19.8	58	91	0.64	183	21.2	57.8
KWS ZYATT	NOTTINGHAMSHIRE	19.1	60	101	0.59	200	22.3	56.4
KWS ZYATT	SHROPSHIRE	19.9	60	92	0.65	188	21.3	55.8
KWS ZYATT	SHROPSHIRE	20.6	74	80	0.93	210	19.9	58
KWS ZYATT	SHROPSHIRE	17	61	55	1.11	121	16.5	47
KWS ZYATT	SOUTH YORKSHIRE	22.2	64	116	0.55	238	23.9	57.9
KWS ZYATT	SOUTH YORKSHIRE	20.7	57	108	0.53	197	23.1	55.9
KWS ZYATT	SOUTH YORKSHIRE	21.5	56	113	0.50	201	23.6	56.9
KWS ZYATT	STAFFORDSHIRE	26.4	58	117	0.50	215	24.0	57.7
KWS ZYATT	STAFFORDSHIRE	19.1	75	53	1.42	156	16.2	53.7
KWS ZYATT	SUFFOLK	25.4	51	142	0.36	214	26.5	56.6
KWS ZYATT	SUFFOLK	28.8	57	127	0.45	230	25.0	60.1
KWS ZYATT	SUFFOLK	27.9	61	128	0.48	242	25.1	60.2
KWS ZYATT	TYNE AND WEAR	17.8	49	82	0.6	134	20.1	52.9
KWS ZYATT	WARWICKSHIRE	24.7	57	105	0.54	189	22.7	56.2
KWS ZYATT	WILTSHIRE	21.5	57	106	0.54	190	22.9	55.3
AVERAGE		23.1	59	106	0.6	196	22.7	55.8

	Wet Gluten	P	L	P/L	W	G	le
ukp AVERAGE (129 samples)	22.3	57.8	111	0.6	191	23.2	54.1

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Variety	County	Wet Gluten	P	L	P/L	W	G	le
BARREL	NORTHAMPTONSHIRE	21.9	29	181	0.16	100	29.9	40.8
BARREL	WEST MIDLANDS	23.1	39	138	0.28	136	26.1	48.1
AVERAGE		22.5	34	160	0.22	118	28.0	44.5
ELICIT	EAST YORKSHIRE	17.4	44	55	0.8	82	16.5	41.4
ELICIT	KENT	24.2	31	182	0.17	94	29.9	36.2
ELICIT	LINCOLNSHIRE	19.8	28	200	0.14	106	31.4	41.8
ELICIT	NORTH YORKSHIRE	20.5	33	131	0.25	111	25.4	48.9
ELICIT	RUTLAND	23.8	47	128	0.37	165	25.1	50.5
ELICIT	SOUTH YORKSHIRE	21.7	26	152	0.17	81	27.4	41.5
ELICIT	SUFFOLK	26.5	38	168	0.23	138	28.8	44.5
AVERAGE		22.0	35	145	0.30	111	26.4	43.5
FIREFLY	CAMBRIDGESHIRE	21.0	29	181	0.16	115	29.9	46.1
FIREFLY	CAMBRIDGESHIRE	23.4	28	170	0.16	99	28.9	44.3
FIREFLY	DERBYSHIRE	14.0	34	118	0.29	109	24.1	47.9
FIREFLY	DORSET	23.3	29	176	0.16	104	29.5	41.4
FIREFLY	EAST YORKSHIRE	22.7	24	180	0.13	88	29.8	44.3
FIREFLY	KENT	25.7	29	207	0.14	101	31.9	38.3
FIREFLY	LINCOLNSHIRE	22.1	28	127	0.22	86	25.0	44.8
FIREFLY	LINCOLNSHIRE	20.3	30	138	0.22	102	26.1	45.7
FIREFLY	NORFOLK	27.1	26	159	0.16	92	28	42.6
FIREFLY	NORTHAMPTONSHIRE	23.1	27	171	0.16	96	29.0	43.9
FIREFLY	SOUTH YORKSHIRE	19.2	32	101	0.32	88	22.3	45.2
FIREFLY	SUFFOLK	27.7	27	186	0.15	92	30.3	41.3
FIREFLY	SUFFOLK	21.5	28	135	0.21	88	25.8	44.4
FIREFLY	WARWICKSHIRE	22.9	30	173	0.17	104	29.2	43.9
FIREFLY	WEST SUSSEX	19.0	35	75	0.47	78	19.2	43.7
AVERAGE		22.2	29	153	0.21	96	27.3	43.9
ILLUMINATE	ESSEX	29.3	30	171	0.18	96	29	41



	Wet Gluten	P	L	P/L	W	G	le
uks AVERAGE (27 samples)	22.5	32.5	151	0.25	107	27.1	44.1

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Varieties

NB: RL = AHDB Recommended List

	
<p>Varieties listed on the 2021/22 RL:</p> <p>Cochise</p> <p>Crusoe</p> <p>Detroit</p> <p>Extase</p> <p>KWS Siskin</p> <p>KWS Zyatt</p>	<p>Varieties listed on the 2021/22 RL:</p> <p>KWS Barrel</p> <p>Elicit</p> <p>Firefly</p> <p>Illuminate</p>

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