

APPLE samples - fruitID 2021 DNA Scheme - Results

This sheet shows your sample results. Feedback is welcome and should be sent to peter\_laws@msn.com The results for the whole scheme are on the DNA Help page of www.fruitID.com

Year	Sample Number	Org Acronym	Org. Seq. No.	Site / Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Participant Comments / Notes	Result	Preliminary Finding	Suggested follow-up action																																					
2021	A4719	SCOG	1	STRETTON FRONT				No match found	TBA	As no other match, consider accreditation of this fingerprint with name determined by owner in liaison with local orchard group.																																					
2021	A4720	SCOG	2	MANOR GARDEN				No match found	NEW	EMR reported no match - but close match to New Ha withonden NFC revised ED and exact match to NFC FR prior to recent revision.																																					
2021	A4721	SCOG	3	RYHALL WALK		52.69502		No match found	TBA	As no other match, consider accreditation of this fingerprint with name determined by owner in liaison with local orchard group.																																					
2021	A4722	SCOG	4	HALL GARDEN		-0.469143		No match found	HAU THORN DOWN	EMR reported no match - check against TYN077																																					
2021	A4723	SCOG	5	LITTLE 17 STATION				No match found	TBA	As no other match, consider accreditation of this fingerprint with name determined by owner in liaison with local orchard group.																																					
				BYTHAM ROAD																																											
				MORCOT BACK																																											
				TEMPLE																																											
				BRUER																																											
				POSSIBILITY FOR STAMFORD PIPPIN																																											
				BOTTLE CORNWALL																																											
				STOPPER TAMAR VALLEY																																											
				Apple v7.20																																											
				UK and Europe																																											
A4719	120	133	0	0	96	0	0	129	0	0	116	150	0	0	178	182	0	0	158	0	0	150	160	0	0	137	141	0	0	196	198	0	0	224	254	0	0	213	225	0	0	242	256	0	0		
A4720	106	108	0	0	96	0	0	115	121	0	0	116	120	0	0	172	180	0	0	136	178	0	0	153	182	0	0	139	150	0	0	173	196	0	0	224	254	0	0	213	215	0	0	232	242	0	0
A4721	96	112	0	0	96	0	0	115	129	0	0	116	0	0	0	168	178	0	0	136	162	0	0	138	148	0	0	137	152	0	0	173	196	0	0	254	258	0	0	205	0	0	0	254	256	0	0
A4722	106	112	0	0	88	0	0	119	129	0	0	116	119	0	0	180	205	0	0	136	176	0	0	148	160	0	0	131	0	0	0	173	218	0	0	210	212	0	0	213	0	0	0	232	0	0	0
A4723	110	112	0	0	96	0	0	121	129	0	0	106	116	0	0	168	0	0	0	158	170	0	0	138	153	0	0	137	0	0	0	173	200	0	0	224	0	0	0	217	0	0	0	0	0	0	0

# APPLE samples - 2020 SCHEME - RECORD SHEET

SITE / ORCHARD NAME

SAMPLE NUMBER	ORIG. SEQ NO									
2020 A3973	SCOG	1	Sue Day Lyndon	West Paddock	Post New Bee Pool	N	Very old estate farm orchard	Scheme Duplicates	19A	<p>Although not in the NfC, matching samples submitted:                      Tyn206, "Herwood No 4" Nf Cobbe                      A565 (A491)                      A1562 (Nf Monk's House BN7 2HF)                      A1131 (MAN Aberhove)                      A2779 (Nf6 High Lams Above Steps - Yonshire Greening)                      A2831 (TVO In Pot - Herwood Red Cider Apple)                      A2909 (SGC Magpie Bottom - Veteran tree)                      A3973 (SCOG Sue Day Lyndon West Paddock Very old estate farm orchard)                      Suggest further research.</p>
2020 A3974	SCOG	2	Simpson Linton	Next to compost	Unknown	N	Very old Linton estate farm orchard	NfC Match	Beauty of Kent (syn Confessa)	<p>NfC Accession Report 2019 notes:                      1958-033 Confessa and 1941-021 Beauty of Kent Data were not available from OdeF analysis for 1941-021 and 1958-033 was otherwise unique from archive images the accessions appear similar (although fruit are harvested at a different stage of ripeness [and indicated as early and late September respectively]). Confessa has no further provenance than being received from Italy in 1958 although initial analysis by Scott and Burn (see comm. finds the profile to match that of Confessa in four other collections; Beauty of Kent has published provenance to 1820 and was listed as 'in NfC' in the NAR. Further morphological comparison found both accessions to agree with the published descriptions of Beauty of Kent. The NAR lists Confessa or Warwick as a historical synonym of Beauty of Kent. 1958-033 should be deaccession and Confessa noted as a potential synonym (derived from Courtes of Warwick). Participants may wish to review own fruit samples against fruitID images and characteristics.</p>
2020 A3975	SCOG	3	B & H Smith Ashton	Next to Irish Peach	Post one of the Croftons	N	Very old Fitzwilliam estate farm orchard	Scheme Duplicates	19A	<p>2020 update: Although not in the NfC, interesting matching samples found as follows:                      A3677 (OLEM Gilly Haslegrave, REE 98N Front Drive - A Beauty of Kent type)                      A3975 (SCOG @ B &amp; H Smith Ashton Next to Irish Peach - Post one of the Croftons Very old Fitzwilliam estate farm orchard)</p>
2020 A3976	SCOG	4	Barnack Mill House	Next to far gate	Fetcher's Purple Blossom	N	Old mill site planted c. 1940	No match found		<p>As no other match, consider accreditation of this fingerprint through Register of Local Cultivars scheme</p>
2020 A3977	SCOG	5	Kettering Road opp. New houses	2nd m from gate	Unknown	N	Very old tree in disused garden	No match found		<p>As no other match, consider accreditation of this fingerprint through Register of Local Cultivars scheme</p>

A3973 SINCE RECOGNISED AS (FIRST AND LAST) A SUSSEX APPLE

## APPLE samples – fruitID 2019 DNA Scheme - Results

*This sheet shows your sample results. Feedback is welcome and should be sent to peter\_laws@msn.com The results for the whole scheme are on the DNA Help page of [www.fruitID.com](http://www.fruitID.com)*

Year	Sample Number	Org. Acronym	Org. Seq. Number	Site/Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Reference tree Y/N	Participant Comments / Notes	Result	Preliminary Finding	Suggested follow-up action																																					
2019	A3336	DESM	1	Casterton Quarry	MD1			Very old tree, on same site as A113. Large old Codlin type.	No match found																																							
2019	A3337	DESM	2	Holly Cottage, Barnack.	MD1			This tree measures 2m 10cm in circumference. Cooking apple	No match found																																							
2019	A3338	DESM	3	Adam Cade	Top Right			Older tree on former Brewery site. A long keeping eater, small red	No match found																																							
2019	A3339	DESM	4	Manns Orchard, Ketton.	Top Left			Quite early fruiting.	No match found																																							
2019	A3340	DESM	5	Manns Orchard, Ketton.	Bottom Left			Quite similar to a Yorkshire Greening.	NFC Match	Mead's Broadwing	Match with NFC 1948 - 763 other than 2bp in a single allele																																					
A3336	104	0	88	107	0	0	115	129	0	0	116	0	0	186	204	0	136	178	0	0	148	0	0	137	150	0	0	173	196	0	0	228	254	0	0	215	225	0	0	232	248	0	0					
A3337	106	133	0	0	88	96	0	0	119	129	0	0	116	150	0	0	178	204	0	0	170	0	0	0	147	0	0	0	131	139	0	0	173	222	0	0	228	254	0	0	221	231	0	0	244	0	0	0
A3338	96	110	0	0	96	101	0	0	111	115	0	0	110	116	0	0	168	178	0	0	136	0	0	0	148	0	0	0	131	137	0	0	173	208	0	0	204	222	0	0	205	233	0	0	248	256	0	0
A3339	106	0	0	0	96	107	0	0	119	0	0	0	116	118	0	0	172	180	0	0	136	176	0	0	147	148	0	0	137	139	0	0	173	0	0	0	254	0	0	0	221	225	0	0	232	256	0	0
A3340	94	110	112	0	96	101	0	0	115	119	0	0	106	118	0	0	182	186	205	0	136	170	182	0	147	150	0	0	137	143	147	0	173	200	208	0	224	248	254	0	213	215	229	0	232	244	256	0

A3340  
Mead's\_Broadwing\_DB2018

Matching fingerprints

2018 SC04

Year	Sample Number	Off. Acronym	Off. Seq. Number	Site / Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Reference tree Y/N	Participant Comments / Notes	Result	Primary Finding	Notes
2018	A2664	DESM	1	The Shellings <b>LOTTON</b>	No 2	Eater oct - dec		Original tree gone, leaves from my tree.	No match found		As no other match, consider accreditation of this fingerprint through Register of Local Cultivars scheme.
2018	A2665	DESM	2	Lyndon, Rutland	No 1	Russett		A very tall tree, and old veteran.	No match found		As no other match, consider accreditation of this fingerprint through Register of Local Cultivars scheme.
2018	A2666	DESM	3	Aligate	No 1	Poss Salisbury Pippin		A very old tree.	NFC Match	Wax Apple	FP matches NFC Accession 2002 - 009 now listed as Wax Apple and tree is NFC3 35-87. Bob Lever comments: A2666, A2188 Wax Apple. The provenance for this is a bit dodgy. We have a page about it on fruitID under the name Wax Apple (Tann). I think the current NFC accession may be my submission. (ex Tann)
2018	A2667	DESM	4	Water Furlong Karen Meadows <b>PLOT 15</b>	No 9	Poss Lord Bungleley		Never colours up but in the shade.	NFC Match	London Pippin	Participant may wish to review own fruit samples against fruitID images and characteristics
2018	A2668	DESM	5	Back Lane, Ketton. Mr Forster	No 1	Poss Salisbury Pippin		Very old veteran tree	NFC Match	Bramley's Seeding or a sport of it	Participant may wish to review own fruit samples against fruitID images and characteristics

Sample Number	Result	CH0407	CH01H10	CH01H01	H02Z07	CH01H02	CH01H08	GD12	GD147	CH04K05	CH02D08	CH02E11	CH02K09	CHK SUM	Making Fingerprints	
A2664	No match found	110 112 0 0 96 0 0 0 113 129 0 0 116 0 0 0 178 205 0 0 158 170 0 0 148 153 0 0 135 147 0 0 173 0 0 0 222 254 0 0 217 227 0 0 248 256 0 0 3567														
A2665	No match found	104 112 0 0 107 0 0 0 117 119 0 0 118 150 0 0 180 0 0 0 136 178 0 0 148 153 0 0 137 152 0 0 173 200 0 0 228 254 0 0 213 235 0 0 232 256 0 0 3700														
A2666	NFC Match	104 133 0 0 96 107 0 0 129 0 0 0 116 150 0 0 191 205 0 0 136 156 0 0 148 182 0 0 141 156 0 0 173 0 0 0 210 250 0 0 213 235 0 0 232 244 0 0 3707														NFC_A0_1_31_001_A015a_EMR_2017
A2667	NFC Match	110 133 0 0 96 107 0 0 117 119 0 0 106 150 0 0 178 205 0 0 170 176 0 0 150 162 0 0 131 141 0 0 173 208 0 0 210 0 0 0 217 231 0 0 232 242 0 0 3764														NFC_A0_1_31_001_A015a_EMR_2017
A2668	NFC Match	96 106 0 0 96 0 0 0 115 119 129 0 114 116 150 0 176 182 203 0 136 170 0 0 153 182 0 0 131 137 147 0 173 200 0 0 210 254 0 0 217 225 227 0 232 244 0 0 4640														NFC_A0_1_31_001_A015a_EMR_2017

London Pippin, EMR A  
NFC\_46\_89\_London\_Pippin\_Q13\_G05\_EMR\_2017

Bramley's Seeding, EMR A  
NFC\_41\_105\_Bramley's Seeding\_Q09\_G05\_EMR\_2017

Bramley's Seeding, EMR A  
NFC\_41\_107\_Bramley's Seeding\_Q09\_G05\_EMR\_2017

Bramley's Seeding, EMR A  
NFC\_41\_107\_Bramley's Seeding\_Q09\_G05\_EMR\_2017

**APPLE samples – 2017 fruitID DNA Scheme - Results Sheet - Denis Smith**

*These are results for the samples submitted. The scheme encourages feedback and results for the whole scheme will published fruitID.com help pages.*

Sample Number	Org. Acronym	Org. Seq. Number	Site /Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Reference tree Y/N	Participant Comments / Notes	Result	Primary Finding	Suggested follow-up action						
A1823	DESM	1	Siffeld, Norfolk, Mark Davies	MD1			Old Tree in old Cottage Garden, only tree	NFC Match	King of the Pippins or a sport of it	Participant may wish to review own fruit samples against fruitID images and characteristics						
A1824	DESM	2	Sharon and Toby Walker Morcott	MD2	RUSSET		Old Tree, Farm Orchard	Unique								
A1825	DESM	3	Karen Meadows, Water Furlong	MD6	PLOT 15		200 year old Allotments in Stamford	NFC Match	New German	Participant may wish to review own fruit samples against fruitID images and characteristics						
A1826	DESM	4	Rhona and Rick, Church Farm Gt Gonerby, Grantham	MD5			Trees shown on 1881 map	NFC Match	Dewdney's Seedling	Participant may wish to review own fruit samples against fruitID images and characteristics						
A1827	DESM	5	Puddington, Centre of Village	MD2			Very old tree in Field Orchard	NFC Match	Court of Wick	Participant may wish to review own fruit samples against fruitID images and characteristics						
Sample Number	Proby	Result	CH06C07	CH01H10	CH01H01	H02C07	CH01I02	CH0101B	GD12	GD1A7	CH04H05	CH02D08	CH02A11	CH0X09	CHX SUM	Matching Fingerprints
A1823	Zn	NFC Match	94 106	88 96	111 127	106 150	160 182	158 178	148	135 137	173 200	228 254	215 231	234 256	380	NFC A1823 King of the Pippins 0111 0551a NFC A1824 New German 0115 0851a NFC A1825 Dewdney's Seedling 0117 0601a
A1824	kn	Unique	106	96 101 107	115 119	110 116	168 182	136 176 178	138 147 153	131 137 150	173 200 208	210 254	215 229 235	234 256	4800	NFC A1823 King of the Pippins 0111 0551a NFC A1824 New German 0115 0851a NFC A1825 Dewdney's Seedling 0117 0601a
A1825	kn	NFC Match	96 110 114 129 96	107	117 119	106 110 116	178 205	160 176	147 148 160	131 137	173 216	250 254	217 229 235	232 244 254	4966	NFC A1823 King of the Pippins 0111 0551a NFC A1824 New German 0115 0851a NFC A1825 Dewdney's Seedling 0117 0601a
A1826	kn	NFC Match	94 96 133	96 100 107	103 115	116	180 205	136 170	148 182	137 141	173	224 228 254	217 231	242 244 248	4320	NFC A1823 King of the Pippins 0111 0551a NFC A1824 New German 0115 0851a NFC A1825 Dewdney's Seedling 0117 0601a
A1827	Zn	NFC Match	106	88 96	115 129	116 150	180 182	136 178	148	131 135	173 200	228 254	215 225	256	3441	NFC A1823 King of the Pippins 0111 0551a NFC A1824 New German 0115 0851a NFC A1825 Dewdney's Seedling 0117 0601a

2016 SCOG

Sample Number	Org. Acronym	Org. Seq. Number	Site / Orchard Name	Tree position / row number	Cultivar known as (leave blank if unknown)	Reference tree Y/N	Participant Comments / Notes	Result	Primary Finding	Suggested follow-up action
A112	SCOG	9	Helpston Heath Farm	No 1			Samples from original tree, old tree stands next to a Pear Tree	DB Match	Dummelor's Seedling syn- Durnelows Seedling	Participant may wish to review own fruit samples against fruitID images and characteristics.
A113	SCOG	10	10 Bainton Road, Barnack	No 1			Original tree at Bungalow Casterton Quarry. Samples came from a Graft on a Catchhead	Unique	No match found	As no other match, consider further research and local naming
A114	SCOG	11	10 Bainton Road, Barnack	No 1	DEAD	Y	Original tree at The Bathy, Burghley Park Walled Garden	DB Match	Schoolmaster	Participant may wish to review own fruit samples against fruitID images and characteristics.
A115	SCOG	12	10 Bainton Road, Barnack	No 1		Y	Original tree at Barrowden Old Rectory now gone	DB Match	Edward VII	Participant may wish to review own fruit samples against fruitID images and characteristics.
A116	SCOG	13	The Dairy Farm Burghley Park	No 3	Poss Writter Hawthornden		Very old tree	Unique	SINCE ID AS No match found NORFOLK BEAUTY	As no other match, consider further research and local naming. Note Writter Hawthornden is synonym of Dummelor's Seedling but this sample did not match.
A117	SCOG	14	Church Farm Gonerby	No 1			Samples from my tree, Original tree at site of old Windmill	Unique	No match found	As no other match, consider further research and local naming
A118	SCOG	15	Dr Manns Garden Ketton	No 1	Pearmain		Samples from a graft on my Golden Noble	DB Match	Hanwell_Souring	Participant may wish to review own fruit samples against fruitID images and characteristics.
A119	SCOG	16	Church Farm Gonerby	No 2			Samples from my tree, Original tree at site of old Windmill	DB Match	Malster	Participant may wish to review own fruit samples against fruitID images and characteristics. Update fruitID with Malster name.
A120	SCOG	17	Barrowden Field Orchard	No 2	Poss Old King of Pippins		Samples from original tree, very old tree, 3 of these with 2 Durnelows and 8 Bramleys	DB Match	ROYAL DE ANIG Unresolved	
A121	SCOG	18	Tim Gilbert, Laxton Village	No 1			Samples from original tree Dual Purpose, Old tree 80 to 100 years	Unique	No match found	As no other match, consider further research and local naming
A122	SCOG	19	C. Young, Duddington	No 1			Samples from original tree, very old tree over 100 years	DB Match	Cockpit	Participant may wish to review own fruit samples against fruitID images and characteristics.
A123	SCOG	20	Uffington Road Orchard, SCOG	No 18		Y	Original tree at Essendine School very old tree possibly Triploid Large Yellow apple	Unique	No match found	As no other match, consider further research and local naming

2016

Accession Name	Phydy	Result	GH0407	GH0410	GH0401	H02007	GH0402	GH0403B	GH0403A	GH0404	GH0407	GH0405	GH0408B	GH0401	GH0406	Matching Fingerprints	NC-Codes
A104	2n	DB Match	96 110	96 101	129	100 116	168 205	162 170	138 150	137	172 200	224 254	213 215	295		TM0169_Winter_Park NF_C_22_25_Quinn_Corfield_012_F041a	
A105	2n	DB Match	112 139	96	117 121	116	168 207	136 138	148 153	131 152	173 222	254	205	242 244		NF_C_A_113_Sandmaster_015P041a	
A106	2n	DB Match	106 110	88 101	103 117	114 116	180 186	170 178	148	137 143	173 200	210	205	232 244		NF_C_24_31_Lord_Derby_005_C11a	
A107	2n	DB Match	104 112	96	129	116 118	181 205	136	148	137	180 200	224 254	215 231	232 248		NF_C_24_31_Lord_Derby_005_C11a NF_C_A_113_008_P041a	
A108	2n	Unique	94 108	96	111 119	114 118	172 205	178	148	131 139	173 222	210 254	217 221	238 256			
A109	4n	Unique	94 106 112	88 96	113 127 129	106 116 130	178 180 182 188 138 178	148	137 143	173 180	218 250 254	213 221 225 227 238 242 248 256					
A110	3n	DB Match	110 112 118	96	113 115	110 116 122	178 185	138 170	148 160 182	137 139 150	196 200 220	224 238 254	215 217 225	244 256		NF_C_23_15_Whitney_Filshie_002_A081a	
A111	3n	DB Match	94 110 112	88 96	113 117 120	106 116 118	178 186 205	160 170	148	131 137 141	173 181 208	210 224 228	215 217 225	232 248 244		NF_C_20_07_Earl_Cowper_014_G121a	

Note: The above matches 47\_101\_Town\_of\_Sheriff\_005\_C081a in the data reported on the NCC and both profiles are from 8 of samples at 118 in H02007 - 1976182 (true to type and Earl Cowper has been reported as deceased on the whitey hall title proceessing

NC accessions are Lord Derby or spots of (this part sample assessed as Harwell Union)

(1)

A - unique no. with Peter Lawe.

2221

~~A 4720~~  
A 4720

52.68502, -0.46943

A 4721

52.74963, -0.49697

A 4722

52.59487, -0.63723

A 4723

53.67821, -0.51042

2220

A ~~4~~ 3973

52.63093, -0.65863

A 3974

52.56234, -0.57429

A 3975

52.63723, -0.37452

A 3976

52.63266, -0.41654

A 3977

52.64672, -0.47871

2019

A 3336

52.66312, -0.50827

A 3337

52.63116, -0.41498

A 3338

52.63343, -0.55217

A 3339

52.63345, -0.55174

A 3340

52.63322, -0.55129



2018

A 2664 52.47645, -0.37003  
 A 2665 52.62977, -0.65831  
 A 2666 52.62869, -0.54802  
 A 2267 52.6483 -0.48831  
 A 2268 52.62724, -0.55205

2017

\_\_\_\_\_ King Pippins  
 A 1823 Norfolk  
 A 1824 52.59661, -0.63471  
 A 1825 ~~52.64836~~ as A 2267 waterbury  
 A 1826 52.64886 -0.48841  
 A 1827 → 52.93137, -0.66902  
 A 1827 52.59727 -0.54113  
 2016  
 A104 52.67704 -0.49429  
 A105 52.69057 -0.46692  
 A106 ROOTSTOCK MILL, UFFINGTON ROAD  
 A107 52.65022 -0.49008  
 A108 ~~52.65693 -0.45773~~  
 52.65704 -0.45728  
 A 109 52.65693 -0.45773

A 110	52.65101,	- 0.49079
A 111	52.59069,	<del>0.24</del> - 0.36259
A 112	52.62647,	- 0.34722
A 113	52.66312	<del>0.50827</del> - 0.50799
A 114	52.62787	- 0.44722
A 115	52.59282	- 0.59871
A 116	52.63873	- 0.45771
A 117	52.93095	- 0.66999
A 118	52.63324	- 0.55092
A 119	52.9309	- 0.66971
A 120	52.58918	- 0.60327
A 121	52.55444	- 0.60437
A 122	52.59691	- 0.54133
A 123	<del>52.5598</del> 52.70598	- 0.44413

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Lady Hennox 52.63882, - 0.45744