

Appendix ii

a Element concentrations in flesh

b Element concentrations in peel

a Element concentrations in flesh

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
1	Derby Pot (MP) 11		11	360	1900	6500		130		15	
	Derby Pot (MP) 12	7.9	16	190	2000	7300	1.0	89		100	
	Derby Pot (MP) 13	1.9	20	510	2200	8400		91		20	
	Derby Pot (MP) 14	2.0	15	280	2500	12000		150		17	
	Derby Pot (MP) 15	2.4	24	45	2300	7400		78		18	
2	Derby Pot (MP) 6	5.3	13	110	2200	8000	2.9	150	4.4	170	5.0
	Derby Pot (MP) 7	13	42	190	2300	10000	6.7	110	11	470	11
	Derby Pot (MP) 8	6.7	10	49	1800	4200	3.3	51	2.1	77	4.8
	Derby Pot (MP) 9	5.7	17	48	1800	6400	3.9	84	3.3	21	7.4
	Derby Pot (MP) 10a	4.4	8.3	49	1900	8200	2.6	88	2.2	28	5.1
	Derby Pot (MP) 10b	7.0	18	72	2100	7600	4.5	89	3.6	31	9.0
3	Derby Pot (MP) 1	4.5	11	100	2100	7900	3.2	94	2.6	210	5.9
	Derby Pot (MP) 2	4.5	14	53	1600	5500	2.9	76	3.1	14	6.0
	Derby Pot (MP) 3	4.9	11	87	1800	7500	2.7	66	1.9	16	5.0
	Derby Pot (MP) 4	3.9	11	39	2100	6700	2.7	61	1.9	12	4.7
	Derby Pot (MP) 5	4.8	12	100	2300	6900	3.0	100	2.7	14	5.7
4	Glouc Pot (Des) 1	1.4	11	67	2700	6200		7.3			
	Glouc Pot (Des) 2		7.1	60	2800	6100	1.5	7.3			
	Glouc Pot (Des) 3	3.9	24	85	3600	9100	1.7	13			
	Glouc Pot (Des) 4	2.6	8.8	370	3400	13000		16			
	Glouc Pot (Des) 5a		7.4	120	4200	11000		18			
5	Glouc Pot (Nic) 1		6.6	48	2500	5900		14		4.8	
	Glouc Pot (Nic) 2		6.8	18	2600	3100			1.6		
	Glouc Pot (Nic) 3		9.2	65	2400	5000		8.6			
	Glouc Pot (Nic) 4		4.2	38	2600	5700		2.3	1.8		
	Glouc Pot (Nic) 5		4.1	24	2000	4500		2.8			

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
6	Kent Pot (Est) 1	5.9	13	93	1500	4800	1.1	11		2.9	
	Kent Pot (Est) 2	2.4	34	340	1700	11000		11	10	7.8	
	Kent Pot (Est) 3	4.1	19	78	1700	6300		12		2.1	
	Kent Pot (Est) 4		10	54	1400	4400		10			
	Kent Pot (Est) 5a	4.3	22	57	1200	4600	1.6	8.9		1.8	
	Kent Pot (Est) 5b	3.6	15	50	1300	4600		10			
7	Kent Pot (La R) 1	4.3	240	51	1400	6100	1.0	26	7.3		
	Kent Pot (La R) 2	11	25	83	2100	8800	2.4	31	28	2.8	
	Kent Pot (La R) 3	7.0	31	170	2200	11000	1.5	40	2.2	3.6	
	Kent Pot (La R) 4	4.5	14	48	880	5000	1.4	14	6.6		
	Kent Pot (La R) 5	3.8	15	55	1400	5700	1.3	17	9.7		
8	Kent Pot (Wilja) 1		6.1	48	890	4000		10			
	Kent Pot (Wilja) 2		7.5	40	550	3300		14			
	Kent Pot (Wilja) 3		4.4	51	720	3400		13			
	Kent Pot (Wilja) 4		5.6	33	490	3700		4.8	4.4		
	Kent Pot (Wilja) 5a	1.5	6.9	36	780	3900		8.2			
	Kent Pot (Wilja) 5b	1.9	4.3	35	850	4100		7.2			
9	Kent Pot (DOY) 1	1.3	7.0	42	670	5200		16		1.0	
	Kent Pot (DOY) 2	1.9	6.8	30	860	4300		15			
	Kent Pot (DOY) 3	2.8	7.3	31	650	3200		11	8.1		
10	Kent Pot (Yukon) 1	5.4	14	33	500	5200	1.4	7.3	4.5	6.7	1.8
	Kent Pot (Yukon) 2	3.2	6.6	30	520	4000		18	1.0	4.9	1.4
	Kent Pot (Yukon) 3	2.9	11	31	630	4600	1.3	14		5.0	1.3
	Kent Pot (Yukon) 4	2.3	7.6	26	590	4600		19		4.6	1.4
	Kent Pot (Yukon) 5a	1.8	6.8	23	370	3000		11	1.7	3.8	1.2
	Kent Pot (Yukon) 5b		10	35	340	2900		13	1.0	5.7	2.1
11	Kent Pot (RKE) 1	2.7	15	38	740	4800		10	16	7.1	1.8
	Kent Pot (RKE) 2	1.7	14	24	1100	4500		10	11	3.8	1.4

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Kent Pot (RKE) 3	1.4	16	41	840	5900		14	16	5.2	1.7
	Kent Pot (RKE) 4	2.2	14	100	570	5500		10	8.2	5.9	1.6
	Kent Pot (RKE) 5	1.7	8.9	85	760	4500		10	9.7	4.2	1.4
12	Kent Pot (MP) 1		7.2	85	1200	5500		15	5.3	7.0	1.5
	Kent Pot (MP) 2	1.7	2.9	30	520	2500		7.8		2.9	1.0
	Kent Pot (MP) 3	1.6	5.2	35	530	4200	1.1	17		3.2	1.5
	Kent Pot (MP) 4	1.6	4.9	45	760	4700		10		4.7	2.0
	Kent Pot (MP) 5	1.3	4.6	63	330	3400		9.2		5.0	1.9
	Kent Pot (MP) 6		3.8	23	390	3200		9.4	1.5	4.0	1.6
13	Kent Pot (KE) 1		1.2	21	630	3000		7.5	1.6	5.0	1.7
	Kent Pot (KE) 2	2.4	3.4	30	800	3900		9.0	1.1	4.3	1.7
	Kent Pot (KE) 3		4.5	21	800	3400		8.0	2.9	4.2	1.3
	Kent Pot (KE) 4		1.6	17	780	2800		7.7		2.6	1.3
	Kent Pot (KE) 5	1.4	3.0	27	890	3100		6.1	6.3	5.6	1.3
14	Kent Pot (ShBk) 1	1.9	21	610	600	5000	1.2	7.0	5.1	7.6	
	Kent Pot (ShBk) 2	1.4	11	380	700	4000	1.0	10		2.1	
	Kent Pot (ShBk) 3	1.9	19	390	350	4100		10	5.2	5.3	
	Kent Pot (ShBk) 4	3.8	22	1000	1000	4500	1.8	12		4.9	
	Kent Pot (ShBk) 5a	1.4	23	1200	890	4400	1.5	10		4.1	
	Kent Pot (ShBk) 5b	1.9	14	900	650	4800	1.9	8.2	1.5	4.7	
15	Kent Pot (SB) 1		15	250	1200	6800		11		2.6	
	Kent Pot (SB) 2		17	780	860	4900	1.5	14		3.5	
	Kent Pot (SB) 3		16	540	1000	5200		13		2.6	
	Kent Pot (SB) 4		13	170	920	4200		12		1.4	
	Kent Pot (SB) 5	1.8	18	160	1200	5400	2.2	14		3.2	
16	Kent Pot (HBR) 1	8.1	24	720	1400	7400	2.3	20		5.3	
	Kent Pot (HBR) 2	3.7	21	440	1700	13000	2.1	22		5.4	
	Kent Pot (HBR) 3		18	130	2500	6700		17		3.4	

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Kent Pot (HBR) 4		24	450	2600	10000		13	1.9	4.3	
17	Kent Pot (KP) 1	7.5	16	40	1200	5400	4.1	16	4.0	12	8.6
	Kent Pot (KP) 2	5.6	12	28	790	3800	3.0	12	6.6	9.2	6.5
	Kent Pot (KP) 3	6.1	11	33	1100	4400	3.2	14	2.9	9.8	6.7
	Kent Pot (KP) 4	4.7	10	27	700	3800	2.5	11	2.0	5.8	4.2
	Kent Pot (KP) 5	6.8	11	32	1100	3700	4.1	14	3.0	10	7.6
18	Kent Pot (Char) 1		6.3	38	2000	4200		6.9	3.9		
	Kent Pot (Char) 2		11	41	2200	5600	1.8	6.7			
	Kent Pot (Char) 3		11	66	1800	7300	4.1	10			
	Kent Pot (Char) 4		13	26	1700	4600	3.3	1.0			
	Kent Pot (Char) 5a		7.5	28	1500	4500	1.7	4.0			
	Kent Pot (Char) 5b		8.5	29	1600	4400	2.0	4.6			
19	Kent Pear (Conc) 1										
	Kent Pear (Conc) 2	2.8	1.4	110	2200	1600	1.7	4.5	10		2.1
	Kent Pear (Conc) 3	4.5		85	1200	640	2.2	6.9	5.4		2.5
	Kent Pear (Conc) 4	2.9		69	1100	620	2.4	7.3	4.8		2.4
20	Kent Pear (Conf) 1	2.7		50	870	350	2.4	4.4	3.3		2.0
	Kent Pear (Conf) 2	3.4	1.2	48	870	130	2.9	4.9	4.1		2.5
	Kent Pear (Conf) 3	3.4	3.9	78	850	510	2.7	5.3	2.1		2.3
	Kent Pear (Conf) 4	3.5	19	86	940	830	3.5	5.9	4.8		2.5
21	Kinross Carrot 1	2.9	110	47	450	3100		26		17	1.1
	Kinross Carrot 2	3.3	8.4	24	400	3200		36	3.1	15	1.9
	Kinross Carrot 3	4.1	6.4	26	400	2800		24	2.3	34	2.7
	Kinross Carrot 4	3.0	5.7	18	340	2700		26		14	1.0
	Kinross Carrot 5	3.1	5.0	16	330	2600		20	1.9	11	1.9
22	Kinross Carrot 6		10	62	2600	7000		2.9			
	Kinross Carrot 7		6.1	31	1300	4600	2.3	1.9			

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Kinross Carrot 8		6.4	68	2800	7600		4.2			
	Kinross Carrot 9		9.0	54	2600	6600	1.9	4.9			
	Kinross Carrot 10		10	61	1500	5300	1.0	2.4			
23	Kinross Pot (MP)		11	49	1600	6500	1.8			3.0	
	Kinross Pot (MP)		11	79	3200	8400	2.0	3.3			
	Kinross Pot (MP)		8.2	50	2200	6100	1.7	6.5			
	Kinross Pot (MP)		5.9	54	2500	5500	1.1	5.5			
	Kinross Pot (MP)		8.1	58	2300	7700		4.4			
24	Lancs Carrot 1	7.2	11	40	470	5200		1.4		8.2	1.4
	Lancs Carrot 2	6.3	7.8	36	510	4400		1.9		6.8	1.0
	Lancs Carrot 3	4.4	7.4	41	390	4300		1.0		6.5	1.1
	Lancs Carrot 4	5.0	3.3	27	410	3600		1.3		5.0	
	Lancs Carrot 5a	4.9	12	29	380	3600		1.4		5.3	
	Lancs Carrot 5a	7.1	7.4	23	280	3100				5.4	
25	Lancs Beetroot 1	19	33	330	3000	17000	12		7.1	4.9	1.9
	Lancs Beetroot 2	17	93	330	3300	19000	11		2.5	7.5	1.5
	Lancs Beetroot 3	33	26	330	3400	18000	12		6.8	14	1.7
	Lancs Beetroot 4	22	29	350	3400	20000	10		1.2	8.8	2.0
26	Lancs Swede 1	4.6	10	70	370	2800	10		5.5		1.6
	Lancs Swede 2	3.8	11	65	200	3100	11		1.1		2.1
	Lancs Swede 3	4.3	4.3	54	360	2200	7.4		4.7		1.2
	Lancs Swede 4	5.2	6.0	63	340	2700	9.5				1.5
	Lancs Swede 5a	6.8	6.2	60	310	2700	9.8				1.7
	Lancs Swede 5a	5.4	8.7	73	460	3100	10				1.8
27	Lancs Turnip 1	2.3	7.7	52	500	2800	8.7		1.2	4.6	1.1
	Lancs Turnip 2	2.3	8.4	66	680	3800	10		2.1	1.3	1.2
	Lancs Turnip 3	2.8	12	54	630	3300	11		3.0	5.6	1.5
	Lancs Turnip 4	2.7	8.9	55	450	2900	13		2.1		1.9

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Lancs Turnip 5	2.5	11	57	650	3300	9.4			3.8	1.1
28	Lancs Pot (KE) 1		3.0	49	1700	8400					
	Lancs Pot (KE) 2		6.3	130	2300	6700					
	Lancs Pot (KE) 3			52	2100	9900		11			
	Lancs Pot (KE) 4			48	1300	5400					
	Lancs Pot (KE) 5		1.5	76	1200	7600			3.9		
29	Lancs Pot (Est) 1		6.7	66	1300	6600		3.4		4.9	
	Lancs Pot (Est) 2		8.1	23	1400	6100		5.4		1.2	
	Lancs Pot (Est) 3		3.7	12	1600	5800		4.0		1.6	
	Lancs Pot (Est) 4		3.7	30	1700	7100		8.6		3.0	
	Lancs Pot (Est) 5		1.9	19	2100	6400		2.6			
30	Leic Carrot 1	1.2		160	690	4100	1.1	34	2.7	9.9	3.0
	Leic Carrot 2	3.1		140	440	3300		26	3.3	11	4.5
	Leic Carrot 3	3.2		190	540	3800	1.4	32	3.9	11	4.4
	Leic Carrot 4	1.1		150	690	3700		26	2.1	7.5	2.9
	Leic Carrot 5a	1.6		140	840	4200		25	2.4	9.3	4.3
	Leic Carrot 5a	1.3		130	650	3400		26	3.3	12	3.5
31	Leic Carrot 1	1.8		130	1700	8700	22	19	2.3	44	3.3
	Leic Carrot 2	2.3		120	1800	11000	20	22	3.5	45	3.1
	Leic Carrot 3	1.9		110	1700	10000	15	19	6.0	41	3.2
	Leic Carrot 4	1.6		110	1600	9900	22	19	3.0	81	4.6
	Leic Carrot 5	1.3		110	1500	8600	13	19	4.1	37	3.4
32	Leic Beetroot 1		13	240	980	4700		25		8.3	1.2
	Leic Beetroot 2		14	240	990	5100		24		13	1.0
	Leic Beetroot 3		18	220	1100	5000		27		8.6	1.0
	Leic Beetroot 4		13	260	1300	6900		37		8.6	
	Leic Beetroot 5		24	280	1300	5500		38		9.6	1.2

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
33	Leic Pot (MPe) 1	5.5	11	62	1700	7100	4.7	14	3.2	9.7	6.4
	Leic Pot (MPe) 2	7.0	13	34	1400	6100	4.9	14	3.2	11	6.9
	Leic Pot (MPe) 3	8.3	16	32	1500	6300	4.9	13	5.1	21	9.5
	Leic Pot (MPe) 4	7.4	12	28	1200	6000	4.7	17	3.0	9.4	6.6
	Leic Pot (MPe) 5a	5.3	8.9	40	1200	5600	3.3	18	3.3	7.8	5.1
	Leic Pot (MPe) 5b	5.5	10	41	1300	6400	4.0	20	2.6	9.7	6.2
34	Leic Pot (MP) 1		22	170	2100	9400	1.2	10			
	Leic Pot (MP) 2		10	67	1900	6600		11	18		
	Leic Pot (MP) 3		15	36	1800	6000		6.1			
	Leic Pot (MP) 4	1.3	11	35	1800	6800	2.6	2.8			
	Leic Pot (MP) 5		10	35	1700	5100	1.5	2.4			
35	Leic Pot (KE) 1		43	410	3800	8500	1.8	29			
	Leic Pot (KE) 2		23	1600	3300	21000	1.5	23		1.9	
	Leic Pot (KE) 3		11	470	4600	9800	2.3	29			
	Leic Pot (KE) 4		7.7	380	3400	7100	1.1	13			
	Leic Pot (KE) 5		11	360	3600	7700	1.8	33			
	Mean		19	644	3740	10820	1.7	25		1.9	
	SD		15	536	518	5780	0.4	7.8			
36	Leic Pot (RKE) 1		26	380	3400	8000	2.0	42	1.1	1.7	
	Leic Pot (RKE) 2		15	69	2900	5900	2.0	20			
	Leic Pot (RKE) 3	2.5	8.8	280	3500	8100	1.8	13	5.0		
	Leic Pot (RKE) 4		6.6	260	2700	5500	1.0	12		2.9	
	Leic Pot (RKE) 5		8.4	300	4200	8800	1.4	41			
37	Lincs Carrot 1	13		82	1100	4100	16	13	4.2	20	7.5
	Lincs Carrot 2	8.7		61	930	3900	17	10	1.7	15	5.4
	Lincs Carrot 3	28		110	1300	4800	18	13	9.5	28	8.8
	Lincs Carrot 4	14		93	1200	4300	18	13	3.0	18	8.9
	Lincs Carrot 5	19		60	900	3800	15	9.1	5.2	15	5.3

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
38	Lincs Beet 1	8.4		92	1800	7200	3.8	16	1.2	11	4.9
	Lincs Beet 2	10		61	1900	5000	5.2	18	1.4	11	5.4
	Lincs Beet 3	11		69	2200	5700	5.8	20	1.7	11	6.0
	Lincs Beet 4	15		63	1600	3700	6.8	16	1.8	13	5.9
	Lincs Beet 5a	15		73	1700	3800	6.9	18	1.5	15	6.5
	Lincs Beet 5a	13		52	1500	3500	5.9	15	2.0	11	5.2
39	Lincs Beetroot 1	14		79	2900	11000	8.3	11	2.9	24	3.7
	Lincs Beetroot 2	13		90	2800	12000	8.0	11	3.9	30	5.2
	Lincs Beetroot 3	9.9		82	2500	10000	6.0	11	4.0	21	4.5
	Lincs Beetroot 4	11		68	2700	9500	6.7	10	1.4	20	3.4
40	Lincs Beetroot 6	5.0		58	890	4200	2.6	14	3.8	9.5	3.5
	Lincs Beetroot 7	4.1		64	700	3600	2.6	16	2.4	9.2	4.8
	Lincs Beetroot 8	3.8		76	640	4000	1.3	19	3.2	13	5.8
	Lincs Beetroot 9	5.2		52	910	3900	2.4	16	3.3	10	3.2
	Lincs Beetroot 10a	4.3		72	720	4200	3.4	17	2.8	11	5.2
	Lincs Beetroot 10b	3.6		47	860	3800	2.4	16	1.9	7.5	3.1
41	Lincs Pot (Wilja) 1		13	42	1300	4000	1.3	10			
	Lincs Pot (Wilja) 2	1.0	8.8	19	1200	3700	1.6	10	9.3		
	Lincs Pot (Wilja) 3	1.1	11	19	1500	3100	1.5	10			
	Lincs Pot (Wilja) 4	1.6	13	34	970	2500		7.5			
	Lincs Pot (Wilja) 5		7.4	320	1100	7100	1.9	10	1.2		
42	Lincs Pot (Marf) 1		6.9	17	1600	3200		1.8		1.2	
	Lincs Pot (Marf) 2		4.3	28	1500	3400		1.4			
	Lincs Pot (Marf) 3		3.7	13	1300	2400		6.0			
	Lincs Pot (Marf) 4		3.0	7	1300	3200		1.1			
	Lincs Pot (Marf) 5		4.1	13	1300	3900		5.2			
43	Norfolk Apple (Disc) 1	3.3			640	910	1.0	3.1	2.0		2.2

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Norfolk Apple (Disc) 2	3.5			560	570	1.4	2.8	2.9		2.5
	Norfolk Apple (Disc) 3	4.0		6.5	730	340	1.8	3.4	4.8		2.7
	Norfolk Apple (Disc) 4	3.6			490		1.4	3.8	3.5		2.8
44	Norfolk Pear (Conf) 1	1.4		1.0	49			1.3	2.7		1.3
	Norfolk Pear (Conf) 2	3.4		64	880	420	2.1	5.2	3.5		2.7
	Norfolk Pear (Conf) 3	2.9		110	1200	1100	1.1	5.7	3.7		2.4
	Norfolk Pear (Conf) 4	3.2		90	920	1400	1.9	6.1	4.7		2.6
45	NI Carrot 1	1.0	28	340	570	4800	1.9	79		17	
	NI Carrot 2	7.1	8.2	550	790	4800	3.6	83		30	
	NI Carrot 3	4.3	3.6	540	360	1900	3.7	130		66	
	NI Carrot 4	7.9	310	280	200	1900	4.9	63		34	
46	NI Parsnip 1	6.2	11	140	1400	3300	2.9	30		46	
	NI Parsnip 2	6.9	10	150	1200	4700	3.2	39		68	
	NI Parsnip 3	12	13	140	1400	3500	3.7	33		76	
	NI Parsnip 4	3.7		140	1000	3900	3.9	37		55	
47	NI Pot (Comber) 1	4.8	2.7	67	1100	2800	2.1	16		5.1	
	NI Pot (Comber) 2			62	940	2800	1.3	16			
	NI Pot (Comber) 3	1.5		130	2200	4900	1.4	40		2.5	
	NI Pot (Comber) 4		8.2	130	2300	5400	1.6	47		2.9	
48	NI Pear (Conc) 1			52	250	730					
	NI Pear (Conc) 2		21	74	450	1500	1.3			43	
	NI Pear (Conc) 3			74	430	830		1.0		2.5	
	NI Pear (Conc) 4			70	420	610	1.1			1.9	
49	NI Apple (Disc) 1			33	400	2300	1.1			5.5	
	NI Apple (Disc) 2			30	220	850	1.4				
	NI Apple (Disc) 3		1.3	17	100						
	NI Apple (Disc) 4			14	1100	46					

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
50	Perth Beetroot 1	2.0	5.9	59	1900	3600	6.4				1.3
	Perth Beetroot 2	1.2	7.9	48	1300	3900	5.0		3.3		1.1
	Perth Beetroot 3	1.3	6.7	61	1400	4900	9.5				1.9
	Perth Beetroot 4	1.4	5.4	57	1400	4500	8.0				1.7
	Perth Beetroot 5	1.3	5.7	50	1300	4000	6.3		1.7		1.4
51	Perth Swede 1			25	330	2000		3.4	41		
	Perth Swede 2			40	440	3200		4.4	2.1		
	Perth Swede 3	12	2.5	36	580	3000		10			
	Perth Swede 4		1.7	55	620	2800		7.8	6.5		
	Perth Swede 5a		4.8	43	600	2700		8.9	8.7		
	Perth Swede 5b		3.8	41	560	2600		7.7	54		
52	Perth Parsnip 1		9.1	240	1900	12000	1.7	81		7.4	
	Perth Parsnip 2		13	350	2100	15000		86	17	21	
	Perth Parsnip 3		11	320	2100	11000		73	27	22	
	Perth Parsnip 4		12	320	2900	14000		76		22	
	Perth Parsnip 5		80	420	3000	15000		110		29	
53	Perth Carrot 1		11	41	670	3200		13	4.1		
	Perth Carrot 2		12	74	800	5600		21	15	4.2	
	Perth Carrot 3		25	56	950	3600		29	69		
	Perth Carrot 4		10	78	1200	4200		37	17	11	
	Perth Carrot 5a		12	110	1500	5500		43	7.8	17	
	Perth Carrot 5b		13	100	1700	5800		48	1.2	21	
54	Wales Carrot 1	31		150		15000	71	83		160	25
	Wales Carrot 2	21		140	810	13000	45	54		370	16
	Wales Carrot 3	28		130		9800	50	61		250	23
	Wales Carrot 4	24		99		8600	42	51		220	19
	Wales Carrot 5a	22		110		6000	40	39		280	19

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Wales Carrot 5a	26		120		5800	45	42		280	23
55	Wales Parsnip 1	22		450	3000	14000	26	270		190	21
	Wales Parsnip 2	24		440	2700	13000	28	260		180	22
	Wales Parsnip 3	22		420	2900	14000	26	260		200	20
	Wales Parsnip 4	23		310	1300	9100	26	180		140	21
56	Wales Swede 1	8.5		76	830	3300	8.2	19	5.9	14	7.1
	Wales Swede 2	8.4		82	960	3600	8.1	24	3.2	11	8.6
	Wales Swede 3	9.2		88	1000	3800	6.8	22	4.1	13	9.5
	Wales Swede 4a	6.1		69	760	3800	8.6	19	2.2	8.3	5.8
	Wales Swede 4a	7.9		76	970	3800	6.8	20	2.7	10	7.6
57	Wales Pot (MP) 1		5.3	56	2000	6900	5.0	10	4.1	2.7	
	Wales Pot (MP) 2		6.1	40	1400	4600	5.0	5.5	3.0	4.2	
	Wales Pot (MP) 3		6.0	44	1500	5500	3.7	6.0	2.6	2.5	
	Wales Pot (MP) 4		5.5	40	1400	5200	2.8	4.4	1.9	2.5	
	Wales Pot (MP) 5		5.6	80	1800	5900	3.5	5.3	3.2	2.5	
58	Wales Pot (RKE) 1	1.6	7.8	81	1600	7500	2.9	4.3	2.9	3.0	
	Wales Pot (RKE) 2	1.7	6.5	53	2000	7200	2.4	7.8	2.3	4.8	
	Wales Pot (RKE) 3		4.0	57	2200	6200	2.5	7.8	3.9	2.0	
	Wales Pot (RKE) 4		3.8	30	1700	6000	3.6	2.0	2.7	1.7	
	Wales Pot (RKE) 5		14	120	1600	7300	2.5	3.8	2.7	1.9	
59	Suffolk Parsnip 1	23		290	1900	12000	32	66		110	17
	Suffolk Parsnip 2	25		270	2800	12000	35	62		110	17
	Suffolk Parsnip 3	24		310	1300	11000	32	56		100	16
	Suffolk Parsnip 4	20		240	1100	11000	32	60		83	15
	Suffolk Parsnip 5a	19		190	970	9500	29	51		100	15
	Suffolk Parsnip 5a	19		200	1000	12000	25	70		120	14
60	Suffolk Turnip 1	45		200		2800	57	45		52	19

#	Flesh $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Suffolk Turnip 2	45		110		2100	53	43		44	19
	Suffolk Turnip 3	38		110		3000	56	40		48	16
	Suffolk Turnip 4	43		110		2200	57	44		65	19
61	Suffolk Pot (RKE) 6	1.9	15	29	1800	5500	2.7	17	2.9	4.9	
	Suffolk Pot (RKE) 7		8.4	17	1800	5300	2.6	16	2.7	1.1	
	Suffolk Pot (RKE) 8		5.5	19	1200	4400	2.6	6.1	4.8	2.1	
	Suffolk Pot (RKE) 9	10	12	25	1600	5000	4.5	8.5	2.9	11	
	Suffolk Pot (RKE) 10		11	27	1100	3900	2.5	13	2.8	1.4	
62	Suffolk Pot (RKE) 1	3.0	5.5	48	1900	4600	2.2	11	2.6	1.0	
	Suffolk Pot (RKE) 2		5.9	150	8300	6700	2.1	10			
	Suffolk Pot (RKE) 3		4.6	18	1600	4300		9.4			
	Suffolk Pot (RKE) 4	2.3	8.2	54	1700	5200	2.0	7.6		2.9	
	Suffolk Pot (RKE) 5a		8.0	38	1700	5800	2.5	7.7	1.3		
	Suffolk Pot (RKE) 5b		8.0	33	1500	4500	1.8	10			
63	Suffolk Apple (Disc) 1			11	580	130	2.0			1.0	
	Suffolk Apple (Disc) 2			1.2	350		2.4				
	Suffolk Apple (Disc) 3		1.1	11	560						
	Suffolk Apple (Disc) 4			10	510		1.4				
64	Suffolk Apple (Bram) 1			4.9	560						
	Suffolk Apple (Bram) 2			2.8	400		1.1			3.5	
	Suffolk Apple (Bram) 3				150		1.0				
	Suffolk Apple (Bram) 4			5.0	250					4.7	

*Pot = potato, Glouc = Gloucestershire, Lancs = Lancashire, Lincs = Lincolnshire, Leic = Leicestershire, NI = Northern Ireland. MP = Maris Piper, Des = Desiree, Nic = Nicola, Est = Estima, La R = La Ratte, DOY = Duke of York, RKE = Red King Edward, KE = King Edward, ShBk = Shetland Black, SB= Salad Blue, HBR = Highland Burgundy Red, KP = Kerr's Pink, Char = Charlottes, Conc = Concorde, Conf = Conference, Disc = Discovery, Bram = Bramley, MPe = Maris Peer. Numerals indicate individual vegetables or fruits; a and b indicate duplicate samples of individual vegetables or fruits.

b Element concentrations in peel

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
1	Derby Pot (MP) 11	57	76	340	3900	7000	9.1	280		330	
	Derby Pot (MP) 12	71	86	290	4000	7600	13	150		270	
	Derby Pot (MP) 13	52	100	440	4100	8500	7.7	210		280	
	Derby Pot (MP) 14	160	160	270	4400	10000	28	270		690	2.5
	Derby Pot (MP) 15a	66	81	210	4200	7800	12	170		260	1.0
	Derby Pot (MP) 15b	55	68	230	4300	7300	7.0	170		200	
2	Derby Pot (MP) 6	41	42	88	2800	5600	10	190	3.9	780	9.7
	Derby Pot (MP) 7	46	56	160	3800	9800	11	280	5.5	740	13
	Derby Pot (MP) 8	78	82	120	3300	6400	16	110	5.1	380	12
	Derby Pot (MP) 9	62	59	110	3100	6900	14	180	4.1	240	12
	Derby Pot (MP) 10a	59	48	82	3100	6100	11	170	3.2	190	7.7
	Derby Pot (MP) 10b	60	66	90	3800	6300	15	150	6.5	230	15
3	Derby Pot (MP) 1	100	88	150	3200	8000	18	160	7.4	370	11
	Derby Pot (MP) 2	37	42	150	3200	7200	7.6	210	4.7	760	8.7
	Derby Pot (MP) 3	190	150	160	4000	8200	29	170	6.3	700	16
	Derby Pot (MP) 4	41	44	130	3500	8300	8.8	120	5.0	160	11
	Derby Pot (MP) 5	80	67	120	3200	6100	15	150	4.5	280	10
4	Glouc Pot (Des) 1	87	71	120	3900	6900	13	11	1.3	30	
	Glouc Pot (Des) 2	180	140	170	3800	8300	19	6.6	4.3	63	
	Glouc Pot (Des) 3	73	58	160	5800	8500	13	10	2.5	33	
	Glouc Pot (Des) 4	55	72	86	3200	5600	4.7	18	2.1	32	
	Glouc Pot (Des) 5a	120	100	140	3500	6300	13	24	1.4	57	
	Glouc Pot (Des) 5b	39	36	180	3500	8300	3.5	24		19	
5	Glouc Pot (Nic) 1	75	62	100	3600	6700	7.7	23	6.7	47	
	Glouc Pot (Nic) 2	62	44	62	3000	4100	10			42	
	Glouc Pot (Nic) 3	56	42	67	4300	5800	5.6	8.8		26	
	Glouc Pot (Nic) 4	58	46	63	3500	5200	5.2	6.0		29	

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Glouc Pot (Nic) 5	46	40	65	3900	5600	4.3	8.8	1.7	24	
6	Kent Pot (Est) 1	170	140	360	2000	14000	31	16		39	
	Kent Pot (Est) 2	100	85	180	2500	7500	15	24		51	2.2
	Kent Pot (Est) 3	120	100	140	2400	7000	21	24		24	
	Kent Pot (Est) 4	120	110	180	2800	7100	17	24	24	23	1.2
	Kent Pot (Est) 5a	230	170	190	2300	6300	43	25	43	47	2.4
	Kent Pot (Est) 5b	190	130	110	2400	4500	31	26		33	4.0
7	Kent Pot (La R) 1	89	71	160	1900	10000	14	31	28	25	
	Kent Pot (La R) 2	110	110	120	2300	11000	16	19	44	29	
	Kent Pot (La R) 3	210	130	150	2400	11000	33	37		50	2.3
	Kent Pot (La R) 4	140	90	110	2100	8700	22	42		28	2.5
	Kent Pot (La R) 5	170	100	150	2000	8300	28	27	50	29	2.2
8	Kent Pot (Wilja) 1	47	45	64	1700	5000	5.5	19	18	5.7	
	Kent Pot (Wilja) 2	120	89	84	1500	5600	17	28		28	
	Kent Pot (Wilja) 3	130	91	78	1700	5000	19	24		33	1.7
	Kent Pot (Wilja) 4	99	85	67	1400	4000	17	13	16	65	
	Kent Pot (Wilja) 5a	240	170	110	1400	5100	41	15		54	1.0
	Kent Pot (Wilja) 5b	190	130	89	1500	4400	32	14		39	
9	Kent Pot (DOY) 1	130	62	91	1500	7700	15	28		31	3.0
	Kent Pot (DOY) 2	220	120	110	1900	9900	27	24		37	7.3
	Kent Pot (DOY) 3	150	74	110	1500	6500	16	19		26	6.1
10	Kent Pot (Yukon) 1	210	130	120	1500	7000	43	17	9.4	54	10
	Kent Pot (Yukon) 2	160	110	91	1300	5600	33	23	5.4	40	6.6
	Kent Pot (Yukon) 3	160	100	77	1200	5000	32	20	3.0	39	5.3
	Kent Pot (Yukon) 4	82	56	63	960	3700	17	17	3.7	19	5.3
	Kent Pot (Yukon) 5a	160	96	120	1300	5700	28	21	2.8	39	10
	Kent Pot (Yukon) 5b	100	55	61	1100	4000	15	17	2.0	21	7.8

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
11	Kent Pot (RKE) 1	120	65	180	2900	7800	14	18		29	11
	Kent Pot (RKE) 2	79	52	80	1900	6300	11	17	83	22	6.0
	Kent Pot (RKE) 3	25	26	190	2300	9600	4.6	17	30	15	3.4
	Kent Pot (RKE) 4	210	120	95	1500	4500	28	18	41	43	10
	Kent Pot (RKE) 5	130	71	73	1400	4100	21	13	42	24	6.3
12	Kent Pot (MP) 1	46	23	54	1400	4400	7.8	19	3.6	17	4.2
	Kent Pot (MP) 2	81	53	54	770	4000	18	15		24	2.7
	Kent Pot (MP) 3	72	41	49	1200	3500	11	13	4.7	19	3.9
	Kent Pot (MP) 4	52	38	80	890	2800	13	12	4.7	19	3.1
	Kent Pot (MP) 5	65	37	240	800	6100	15	12	6.0	21	3.7
	Kent Pot (MP) 6	23	16	26	260	1300	5.2	5.5	8.5	12	2.5
13	Kent Pot (KE) 1	120	65	74	3700	5600	18	12	3.8	52	6.0
	Kent Pot (KE) 2	190	120	85	1300	3900	30	13	6.2	54	6.4
	Kent Pot (KE) 3	89	52	64	1200	4100	14	13	2.8	30	5.5
	Kent Pot (KE) 4	410	250	160	1500	4100	70	14	17	130	12
	Kent Pot (KE) 5	110	52	65	1300	3500	14	8.9	4.3	26	5.5
14	Kent Pot (ShBk) 1	260	160	880	1700	5000	33	15	1.5	40	6.1
	Kent Pot (ShBk) 2	130	73	920	1700	6200	16	16		18	5.3
	Kent Pot (ShBk) 3	180	90	280	1800	6700	20	20		23	6.0
	Kent Pot (ShBk) 4	130	82	200	2400	5900	15	25		16	4.0
	Kent Pot (ShBk) 5a	140	82	450	2100	5400	20	20		21	4.4
	Kent Pot (ShBk) 5b	170	92	330	2100	5000	20	20		24	5.0
15	Kent Pot (SB) 1	40	51	940	2600	8300	7.0	24		13	1.5
	Kent Pot (SB) 2	43	66	250	2100	6800	5.2	28		25	2.8
	Kent Pot (SB) 3	100	81	430	2700	7900	14	26		28	5.8
	Kent Pot (SB) 4	43	47	230	2400	8100	8.6	26		24	1.0
	Kent Pot (SB) 5	140	110	250	3100	7100	19	26	2.0	34	6.5
16	Kent Pot (HBR) 1	68	57	260	3900	8700	5.9	27		18	1.6

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Kent Pot (HBR) 2	100	75	230	3400	9800	11	33		22	5.2
	Kent Pot (HBR) 3	75	70	220	4000	8900	6.2	25		24	2.4
	Kent Pot (HBR) 4	120	64	240	3700	9000	7.7	27		38	5.8
17	Kent Pot (KP) 1	140	84	72	2600	6300	21	27	5.4	53	18
	Kent Pot (KP) 2	130	76	88	2600	7500	21	25	5.2	41	17
	Kent Pot (KP) 3	78	50	60	2100	5200	13	23	3.1	30	11
	Kent Pot (KP) 4	170	100	79	1600	4600	32	20	3.4	49	13
	Kent Pot (KP) 5	150	89	90		26000	38	25	4.7	480	18
18	Kent Pot (Char) 1	120	82	130	3600	8800	17	15		25	
	Kent Pot (Char) 2	150	93	120	3300	6900	29	15		25	
	Kent Pot (Char) 3	130	100	120	3200	6000	40	18		17	
	Kent Pot (Char) 4	160	91	100	2800	6600	32	6.4		20	
	Kent Pot (Char) 5a	190	130	120	3300	5900	36	8.3		24	
	Kent Pot (Char) 5b	190	120	120	2600	5500	37	10		25	
19	Kent Pear (Conc) 1	5.3	5.6	250	3800	4500	4.5	6.4	8.7	6.7	2.2
	Kent Pear (Conc) 2	4.8	4.7	250	3900	4500	4.7	7.6	4.9	8.0	2.2
20	Kent Pear (Conf) 1	6.5	14	130	1900	1100	4.4	6.5	4.6	10	2.2
	Kent Pear (Conf) 2	6.0	8.9	140	2000	990	4.1	7.1	5.5	19	2.4
	Kent Pear (Conf) 3	5.9	5.8	140	1900	1400	4.6	8.6	4.0	8.2	2.0
	Kent Pear (Conf) 4	6.6	7.9	150	2100	1700	5.7	9.4	3.5	11	2.2
21	Kinross Carrot 1	11	12	36	1200	3500	2.7	46	2.2	26	2.3
	Kinross Carrot 2	10	6.9	27	750	2600	1.1	26	1.6	21	2.4
	Kinross Carrot 3	13	11	31	1300	4100	2.8	69	2.2	21	2.7
	Kinross Carrot 4	16	13	33	900	2900	2.6	49	3.7	25	3.2
	Kinross Carrot 5	18	11	22	1100	2800	3.3	37	2.1	21	3.1
22	Kinross Carrot 6	22	24	110	4500	8300	5.2	8.8		8.4	
	Kinross Carrot 7	43	42	140	3100	9000	7.7	4.4		15	

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Kinross Carrot 8	12	23	120	4800	11000	5.0	10		6.7	
	Kinross Carrot 9	69	45	430	4000	9800	11	10		18	
	Kinross Carrot 10	36	38	200	5200	11000	6.6	12		29	
	Mean	36	34	200	4320	9820	7.1	9.0		15	
	SD	22	10	133	811	1201	2.4	2.8		8.9	
23	Kinross Pot (MP)	280	240	430	7800	13000	33	4.8		140	
	Kinross Pot (MP)	96	58	150	4800	9300	14	10		33	
	Kinross Pot (MP)	59	35	83	3000	8100	7.0	3.5		10	
	Kinross Pot (MP)	11	10	45	2000	4600		3.5		1.2	
	Kinross Pot (MP)	130	79	110	4000	8900	17	6.0		39	
24	Lancs Carrot 1	190	130	83	930	4500	42	4.6		81	3.1
	Lancs Carrot 2	370	250	180	2600	9500	69	11	3.3	140	6.8
	Lancs Carrot 3	230	150	110	1700	6200	40	5.5	3.4	80	4.9
	Lancs Carrot 4	200	140	100	1500	5700	35	5.0	2.6	76	5.1
	Lancs Carrot 5	380	250	280	3700	9200	66	10	4.5	200	7.0
25	Lancs Beetroot 1	280	160	1100	8500	28000	49		4.3	76	5.8
	Lancs Beetroot 2	390	210	1300	6900	34000	74		2.4	120	7.5
	Lancs Beetroot 3	350	180	620	7200	22000	58		3.9	110	7.9
	Lancs Beetroot 4	350	170	500	5100	26000	58		5.1	100	6.2
26	Lancs Swede 1	38	60	73	390	3300	16		3.3	14	4.2
	Lancs Swede 2	220	230	170	930	7900	48			66	9.8
	Lancs Swede 3	88	140	180	1300	5300	29			36	6.9
	Lancs Swede 4	110	170	180	1300	4600	32		4.4	38	8.9
	Lancs Swede 5	86	140	150	2600	3800	25		3.8	28	7.2
27	Lancs Turnip 1	1.0	3.5	40	1400	3400	6		1.4		1.0
	Lancs Turnip 2	38	68	69	2200	4100	14		14	32	2.6
	Lancs Turnip 3	11	50	140	4200	16000	30		1.6		4.1

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Lancs Turnip 4	630	1500	1500	4800	34000	120		44	390	27
	Lancs Turnip 5	91	310	900	13000	42000	68		64	140	12
28	Lancs Pot (KE) 1	16	57	120	2800	15000	1.1		1.5	32	
	Lancs Pot (KE) 2	14	11	160	2900	7400		1.4	2.0	4.8	
	Lancs Pot (KE) 3	37	26	86	3200	11000	7.9	24	3.9	100	
	Lancs Pot (KE) 4	22	14	94	2400	7800			1.6	11	
	Lancs Pot (KE) 5	15	20	130	2900	8400				8.5	
29	Lancs Pot (Est) 1	200	30	67	3200	7800	3.6	7.9	4.3	75	
	Lancs Pot (Est) 2	140	31	54	2700	5600	6.6	14	2.8	76	
	Lancs Pot (Est) 3	160	33	79	3000	7300	6.3	15		92	
	Lancs Pot (Est) 4	89	20	48	2700	5500	5.6	18	1.2	58	
	Lancs Pot (Est) 5	21	8.4	6.6	380	650		1.0		12	
30	Leic Carrot 1	33	110	130	1500	5100	13	52	2.8	24	3.8
	Leic Carrot 2	65	150	410	2700	6400	26	80	3.6	49	5.1
	Leic Carrot 3	53	130	290	2000	6500	19	63	3.2	28	5.3
	Leic Carrot 4	44	120	280	1900	6200	17	45	3.4	30	4.3
	Leic Carrot 5	42	120	230	1700	4700	14	46	3.9	26	3.9
31	Leic Carrot 1	5.0	110	130	2300	6200	12	40	4.1	16	3.4
	Leic Carrot 2	7.2	150	220	4300	11000	25	47	6.9	43	6.2
	Leic Carrot 3	14	120	180	3000	9600	24	43	7.4	41	4.3
	Leic Carrot 4	8.3	110	140	2500	8700	15	29	4.0	16	4.1
	Leic Carrot 5a	11	160	180	2700	7700	23	29	5.2	46	5.5
	Leic Carrot 5b	9.1	150	160	4600	13000	18	27	6.0	29	5.1
32	Leic Beetroot 1	160	140	1200	3700	15000	40	69		58	3.5
	Leic Beetroot 2	31	37	1100	4100	18000	2.8	120		21	2.6
	Leic Beetroot 3	140	200	1200	3700	19000	29	68	4.2	57	4.3
	Leic Beetroot 4	150	120	1400	5400	22000	34	120	1.3	56	4.0
	Leic Beetroot 5	300	240	1200	3900	18000	75	92	1.1	100	5.9

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
33	Leic Pot (MPe) 1	88	58	120	2300	10000	22	25	5.9	66	13
	Leic Pot (MPe) 2	79	44	56	2100	6000	17	21	4.5	45	11
	Leic Pot (MPe) 3	78	47	71	2400	12000	17	21	7.0	57	14
	Leic Pot (MPe) 4	180	89	85	1800	6300	35	24	5.0	110	13
	Leic Pot (MPe) 5a	100	59	110	2200	8800	25	36	9.1	75	13
	Leic Pot (MPe) 5b	100	57	90	1900	7500	23	33	4.3	70	9.9
34	Leic Pot (MP) 1	140	88	120	3300	11000	23	15		56	
	Leic Pot (MP) 2	55	42	120	2900	10000	12	17		24	
	Leic Pot (MP) 3	89	60	130	2900	10000	14	12		39	
	Leic Pot (MP) 4	170	210	160	3000	9700	33	5.0		75	
	Leic Pot (MP) 5	24	22	94	2900	8300	6.1	3.9		7.8	
35	Leic Pot (KE) 1	59	55	280	5100	6800	10	45		17	
	Leic Pot (KE) 2	130	110	480	5900	11000	17	49	1.3	22	
	Leic Pot (KE) 3	93	80	340	5600	8300	12	47		16	
	Leic Pot (KE) 4	83	71	300	4200	7800	13	22	1.0	17	
	Leic Pot (KE) 5	180	140	390	5200	7600	22	61	1.3	39	
36	Leic Pot (RKE) 1	61	56	480	4000	8100	10	74	2.2	16	
	Leic Pot (RKE) 2	140	120	180	5400	8700	17	42	1.1	35	
	Leic Pot (RKE) 3	140	110	220	3500	6100	20	24	1.1	33	
	Leic Pot (RKE) 4	79	65	320	3900	5500	14	17	3.0	33	
	Leic Pot (RKE) 5	58	57	470	5300	9000	8.9	73	1.5	20	
37	Lincs Carrot 1	27		83	1300	3200	39	10	2.8	31	6.6
	Lincs Carrot 2	57		100	1600	4200	55	16	2.8	72	8.8
	Lincs Carrot 3	46		88	1600	8000	47	14	3.1	55	5.8
	Lincs Carrot 4	34		90	1600	4400	42	14	2.8	39	7.2
	Lincs Carrot 5	39		120	1600	5400	37	13	3.5	40	8.2
38	Lincs Beet 1	84		140	3500	7000	41	24	3.2	46	9.2

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Lincs Beet 2	220		230	4500	8400	100	34	2.3	100	10
	Lincs Beet 3	150		190	2700	7000	67	25	2.7	70	9.8
	Lincs Beet 4	160		430	2800	24000	71	29	3.1	91	11
	Lincs Beet 5	290		310	4200	9300	140	30	3.4	150	12
39	Lincs Beetroot 1		250	300	3700	21000	89	20	4.8	230	13
	Lincs Beetroot 2		270	280	4000	22000	90	15	4.1	240	14
	Lincs Beetroot 3		170	180	4800	24000	61	18	3.9	140	8.3
	Lincs Beetroot 4		210	290	4300	20000	84	19	3.8	200	12
40	Lincs Beetroot 6		280	260	2900	9700	160	43	2.9	190	11
	Lincs Beetroot 7		220	180	1900	7300	92	25	2.4	120	10
	Lincs Beetroot 8		250	200	2600	9400	130	36	1.3	110	6.2
	Lincs Beetroot 9		220	220	1700	7200	97	23	2.5	130	12
	Lincs Beetroot 10a		250	240	1800	7300	110	20	3.7	150	10
	Lincs Beetroot 10b		360	310	1600	12000	170	25	5.0	210	12
41	Lincs Pot (Wilja) 1	96	67	79	2000	4000	11	17	5.5	18	
	Lincs Pot (Wilja) 2	91	60	240	6900	9400	9.4	15	2.9	47	
	Lincs Pot (Wilja) 3	170	110	93	3000	5800	15	21		41	
	Lincs Pot (Wilja) 4	260	190	140	2400	4500	26	15	1.2	68	1.1
	Lincs Pot (Wilja) 5	130	230	320	3100	13000	13	19	1.6	35	
42	Lincs Pot (Marf) 1	150	53	64	2100	5100	29	4.6	1.3	38	
	Lincs Pot (Marf) 2	400	130	120	2400	4500	78	5.8		110	
	Lincs Pot (Marf) 3	160	56	71	2100	3800	27	8.7		40	
	Lincs Pot (Marf) 4	130	42	55	2700	4700	20	7.7		34	1.2
	Lincs Pot (Marf) 5	470	150	130	2100	4600	88	13		110	2.1
43	Norfolk Apple (Disc) 1	5.9	3.8	41	1000	1000	2.6	4.0	3.1	5.9	2.4
	Norfolk Apple (Disc) 2	6.1	1.9	19	1100		3.0	5.6	3.0	6.0	3.3
	Norfolk Apple (Disc) 3	4.2	15	25	890	200	1.6	4.5	2.9	2.7	2.2

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Norfolk Apple (Disc) 4	8.2	11	46	1800	1200	2.2	4.5	3.7	10	3.1
44	Norfolk Pear (Conf) 1	4.9	6.4	150	1500	1800	2.6	5.6	2.9	7.1	2.1
	Norfolk Pear (Conf) 2	5.6	4.4	130	1400	1100	2.6	6.3	4.6	5.5	3.1
	Norfolk Pear (Conf) 3	4.5		380	3600	3100	2.6	6.8	6.4	10	2.6
	Norfolk Pear (Conf) 4	5.0	2.5	310	2800	2700	1.5	6.5	4.0	10	2.7
45	NI Carrot 1	110	120	1400	2000	4700	19	170		83	5.4
	NI Carrot 2	100	82	570	770	4300	15	160		89	3.8
	NI Carrot 3	75	81	1400	2000	4400	13	160		53	4.6
	NI Carrot 4	82	84	560	750	4300	16	160		69	4.3
46	NI Parsnip 1	59	67	360	3300	5300	15	69		90	1.9
	NI Parsnip 2	60	68	440	3600	4400	11	100		72	1.7
	NI Parsnip 3	30	37	330	3100	4000	7.5	69		43	1.2
	NI Parsnip 4	34	35	360	3000	3600	8.9	91		42	1.2
47	NI Pot (Comber) 1	49	37	140	1400	3100	11	24		44	1.6
	NI Pot (Comber) 2	54	55	150	1400	3300	11	22		69	2.0
	NI Pot (Comber) 3	57	60	260	2600	7700	13	52		53	2.9
	NI Pot (Comber) 4	61	56	240	2600	4400	11	55		45	2.6
48	NI Pear (Conc) 1	14	16	170	1700	4300	3.1	4.0		24	
	NI Pear (Conc) 2	15	17	170	1800	3600	3.5	4.9		20	
	NI Pear (Conc) 3	13	20	140	1700	4200	2.5	6.9		22	
	NI Pear (Conc) 4	16	36	160	1800	4600	3.4	6.3		23	
49	NI Apple (Disc) 1	8.8	9.3	120	1300	4100	3.8			17	
	NI Apple (Disc) 2	7.7	2.6	98	1200	3200	3.1			10	
	NI Apple (Disc) 3	6.9	11	65	1200	1900	2.4			13	
	NI Apple (Disc) 4	6.5	8.8	57	970	1400	2.8			12	
50	Perth Beetroot 1	120	100	360	6700	22000	27			21	8.4

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Perth Beetroot 2	23	25	330	6100	17000	11		1.3		3.7
	Perth Beetroot 3	31	29	300	5400	16000	15			3.6	5.8
	Perth Beetroot 4	38	33	290	5300	14000	12		9.5	4.0	4.5
	Perth Beetroot 5a	59	48	380	6600	18000	19		1.2	11	7.2
	Perth Beetroot 5b	42	37	330	6000	17000	14		5.9	7.0	6.1
51	Perth Swede 1	90	74	98	900	4900	13	20	3.2	16	
	Perth Swede 2	330	250	210	1400	7200	43	22	49	89	
	Perth Swede 3	300	200	180	1500	12000	43	36	1.9	75	
	Perth Swede 4	66	57	160	1300	8900	7.4	24	1.2		
	Perth Swede 5a	21	22	140	1800	6600		30	71		
	Perth Swede 5b	280	230	200	1800	7800	38	33	40	46	
52	Perth Parsnip 1	130	100	530	5600	9300	22	220	4.9	43	
	Perth Parsnip 2	200	170	950	7500	19000	35	240	9.8	78	
	Perth Parsnip 3	170	110	460	4700	9100	28	130	1.4	140	
	Perth Parsnip 4	53	41	430	5000	9800	13	130	12	19	
	Perth Parsnip 5	200	130	630	5300	10000	36	210	40	58	
53	Perth Carrot 1	41	38	150	3900	12000	6.1	100	4.3	7.6	
	Perth Carrot 2	190	270	330	4500	11000	22	120	15	25	
	Perth Carrot 3	59	53	130	3800	11000	8.4	120	23	13	
	Perth Carrot 4	120	92	190	2800	7400	18	110	15	33	
	Perth Carrot 5a	150	110	150	3200	7800	20	110	3.1	44	
	Perth Carrot 5b	100	65	150	4000	8100	12	120	2.7	31	
54	Wales Carrot 1	320		280	2100	12000	290	140		1900	33
	Wales Carrot 2	190		270	3700	14000	200	98		1300	32
	Wales Carrot 3	150		200		12000	180	150		630	33
	Wales Carrot 4	120		150		8300	130	100		430	28
	Wales Carrot 5	66		100		4300	71	51		180	26
55	Wales Parsnip 1a	92		620	4300	11000	49	390		140	25

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Wales Parsnip 1a	140		560	4500	12000	57	390		160	24
	Wales Parsnip 2	160		1200	5500	12000	57	460		160	29
	Wales Parsnip 3	110		870	3700	10000	47	340		120	25
	Wales Parsnip 4	150		790		13000	67	410		240	24
56	Wales Swede 1	28		100	1200	8800	25	23	3.1	26	6.7
	Wales Swede 2	18		98	1400	7300	14	22	3.6	27	7.2
	Wales Swede 3	19		110	1900	8300	13	30	4.7	26	7.4
	Wales Swede 4	17		100	1500	9000	17	28	2.4	21	7.2
57	Wales Pot (MP) 1	66	51	76	3200	9600	12	16	5.6	34	1.3
	Wales Pot (MP) 2	50	37	90	2700	8400	11	11	5.0	22	1.0
	Wales Pot (MP) 3	24	27	96	3000	8400	7.3	10	3.8	13	
	Wales Pot (MP) 4	81	50	140	3200	9100	12	13	4.3	35	2.4
	Wales Pot (MP) 5a	120	76	130	4200	9600	18	23	7.4	44	2.9
	Wales Pot (MP) 5b	45	36	140	3000	9700	10	11	4.0	29	2.2
58	Wales Pot (RKE) 1	81	53	79	5400	12000	14	7.6	4.9	73	2.2
	Wales Pot (RKE) 2	130	80	92	4400	11000	18	12	6.3	56	3.1
	Wales Pot (RKE) 3	100	59	110	3000	17000	12	19	5.2	70	3.0
	Wales Pot (RKE) 4	140	35	89	3000	6900	9.2	9.1	5.5	31	7.2
	Wales Pot (RKE) 5	72	53	110	3500	9400	12	14	5.1	49	2.5
59	Suffolk Parsnip 1	110		530	2900	8900	64	92		140	20
	Suffolk Parsnip 2	83		390	2600	7400	63	85		160	23
	Suffolk Parsnip 3	120		320	1100	6900	70	69		170	18
	Suffolk Parsnip 4	65		280	37	5500	44	64		73	22
	Suffolk Parsnip 5	93		550	3000	11000	60	160		150	23
60	Suffolk Turnip 1	140		160	410	3800	74	54		180	27
	Suffolk Turnip 2	120		130	130	4000	140	47		150	19
	Suffolk Turnip 3	390		330		4300	190	45		670	31
	Suffolk Turnip 4	360		300		4800	160	50		500	32

#	Peel $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	P	U
	Suffolk Turnip 5	250		220	450	4600	120	58		280	23
61	Suffolk Pot (RKE) 6	50	26	52	2900	7800	10	19	4.7	30	1.8
	Suffolk Pot (RKE) 7	180	120	93	2700	5800	37	18	3.7	140	3.9
	Suffolk Pot (RKE) 8	260	140	120	2600	6800	45	18	8.9	180	8.1
	Suffolk Pot (RKE) 9	150	76	88	2600	9100	26	21	6.0	100	4.4
	Suffolk Pot (RKE) 10	30	50	110	2600	5600	6.8	17	3.6	28	1.0
62	Suffolk Pot (RKE) 1	72	42	81	2800	7700	13	15	1.5	41	
	Suffolk Pot (RKE) 2	110	67	140	2800	7800	21	12		58	
	Suffolk Pot (RKE) 3	130	98	120	3200	8000	25	12	1.7	73	
	Suffolk Pot (RKE) 4	100	54	150	2900	7900	17	9.2	1.4	50	
	Suffolk Pot (RKE) 5a	110	61	71	6500	9300	19	13		72	
	Suffolk Pot (RKE) 5b	150	88	96	2700	8400	25	13	1.3	74	
63	Suffolk Apple (Disc) 1			20	1100		2.3			18	
	Suffolk Apple (Disc) 2			26	1200		3.0			23	
	Suffolk Apple (Disc) 3	3.1		60	1300		3.8			41	
	Suffolk Apple (Disc) 4	3.3	6.9	68	1500		3.8			39	
64	Suffolk Apple (Bram) 1			17	870		1.1			9.4	
	Suffolk Apple (Bram) 2			23	870		2.1			11	
	Suffolk Apple (Bram) 3			26	1000		1.2			10	
	Suffolk Apple (Bram) 4			20	830		2.3			8.2	

*Pot = potato, Glouc = Gloucestershire, Lancs = Lancashire, Lincs = Lincolnshire, Leic = Leicestershire, NI = Northern Ireland.. MP = Maris Piper, Des = Desiree, Nic = Nicola, Est = Estima, La R = La Ratte, DOY = Duke of York, RKE = Red King Edward, KE = King Edward, ShBk = Shetland Black, SB= Salad Blue, HBR = Highland Burgundy Red, KP = Kerr's Pink, Char = Charlottes, Conc = Concorde, Conf = Conference, Disc = Discovery, Bram = Bramley, MPe = Maris Peer. Numerals indicate individual vegetables or fruits; a and b indicate duplicate samples of individual vegetables or fruits.

c. Element concentrations in cereals

#	Grain $\mu\text{g kg}^{-1}$	V	Cr	Ni	Cu	Zn	As	Cd	Hg	Pb	U
1	Kent Wheat 1	21		530	5400	32000	12	56	17		12
2	Kent Wheat 2	21		61	4900	30000	6.9	53	23	5.3	13
3	Kent Wheat 3	21		43	5700	38000	7.3	71	29	9.9	11
4	Kent Wheat 4	22		36	5500	31000	12	56	19		12
5	Kent Wheat 5	24		59	5500	36000	8.5	65	17		13
1	Notts Wheat 1	18			6800	33000	18	120	23	12	13
2	Notts Wheat 2	20		14	5800	25000	14	110	21	16	13
3	Notts Wheat 3	18		110	4800	26000	15	86	14	8.4	11
4	Notts Wheat 4	25			5800	27000	15	99	24		14
5	Notts Wheat 5	21		12	6200	29000	18	120	19		12
1	Lincs Wheat 1	17		35	6400	45000	10	37	15	7.0	10
2	Lincs Wheat 2	17		12	7100	45000	9.1	39	25		11
3	Lincs Wheat 3	18		35	6900	45000	10	30	17	2.2	10
4	Lincs Wheat 4	38		44	6200	35000	14	32	23		11
5	Lincs Wheat 5	16		62	6500	41000	8.3	31	13		10
1	Yorks Wheat 1	17		79	7700	40000	8.0	140	15		9.0
2	Yorks Wheat 2	17		73	7400	36000	4.5	120	11		10
3	Yorks Wheat 3	18		140	7100	38000	5.4	140	19	0.9	10
4	Yorks Wheat 4	15		77	7000	37000	7.2	130	15		9.1
5	Yorks Wheat 5	22		98	7600	45000	5.7	130	18	3.7	9.2
1	Perth Wheat 1	36		130	7400	27000	9.4	67	18	14	10
2	Perth Wheat 2	38	1.9	44	7200	22000	17	56	16	2.8	11
3	Perth Wheat 3	38		65	6100	23000	9.3	56	13	2.7	10
4	Perth Wheat 4	30	13	280	7100	28000	8.4	59	8.4		8
5	Perth Wheat 5	24	38	91	4000	15000	13	45	8.8	21	17
1	Yorks Barley 1	18	31	150	3300	23000	12	40	2.1	22	17

2	Yorks Barley 2	16	61	100	3200	18000	13	44	1.1	28	18
3	Yorks Barley 3	17	34	86	2900	18000	14	37		25	19
4	Yorks Barley 4	17	48	190	3100	19000	13	37		28	18
5	Yorks Barley 5	17	34	70	3100	21000	16	34		23	19
1	Leic Wheat 1	19	51	260	4800	37000	11	100		75	19
2	Leic Wheat 2	13	39	120	5100	36000	12	110		24	17
3	Leic Wheat 3	15	34	97	4900	33000	12	100		18	21
4	Leic Wheat 4	17	30	240	4900	32000	16	110		35	23
5	Leic Wheat 5	13	30	130	4500	28000	11	110		16	16
1	NI Wheat 1	31	55	110	3500	13000	13	23		34	24
2	NI Wheat 2	34	78	3100	3500	27000	22	28		67	32
3	NI Wheat 3	35	63	490	3400	15000	20	27		39	28
4	NI Wheat 4	27	47	190	3400	15000	13	25		30	24
5	NI Wheat 5	29	80	210	3100	15000	15	21		64	26

*Notts = Nottinghamshire, Lincs = Lincolnshire, NI = Northern Ireland, Leic = Leicestershire, NI = Northern Ireland. Numerals indicate individual grains.