

FOOD STANDARDS AGENCY FINAL REPORT
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Total cadmium, copper, lead and zinc in fruit and vegetables grown in the UK

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i Summary

A field and market basket survey of produce from the SW of Britain (Cornwall and Devon), and a produce market basket survey of the NE of Britain (Aberdeenshire), were conducted to determine the concentration of cadmium, copper, lead, and zinc in locally grown fruit and vegetables.

For the market basket survey, in general the produce from the SW basket survey had equivalent concentrations of total cadmium compared to the produce from the NE basket survey. Out of all the produce analysed only two samples (for the produce as normally prepared) exceeded the cadmium Commission of European Communities (CEC) Maximum Level (ML) for their produce class. When comparing the different preparation methods only potatoes and swedes had lower cadmium concentrations in the peeled produce compared to the unpeeled produce. The copper concentrations in the samples collected from the SW survey were generally slightly higher than the copper concentrations in the NE survey. For the peeled vs. unpeeled comparison only carrots and swedes had lower copper in the peeled produce compared to the unpeeled produce. For lead the concentrations were in a similar range for the SW and NE survey, and in both cases there were a number of samples that were above the EU ML. Both potatoes and swedes had a higher concentration of lead in unpeeled produce compared to peeled produce. For zinc the range of the concentrations is similar in both the SW and NE surveys. Only courgettes had significantly more zinc in the unpeeled produce compared to the peeled produce.

For the field survey both produce and soil total cadmium, copper, lead, and zinc concentrations were determined. There were no strong relationships between soil cadmium and produce cadmium concentrations. For peeled potatoes and peeled root vegetables there were significant correlations between the produce copper concentration and the soil copper concentration. There was a correlation between lead in root vegetables (both peeled and unpeeled) and soil lead concentration, however, these correlations were dominated by a single point. There were correlations between only peeled root vegetable zinc and soil zinc, as well as cabbage zinc concentration and soil zinc concentration.

The total cadmium, copper, lead, and zinc concentrations in baked potato skins was compared to baked potato flesh, and it was found that there was significantly more total cadmium, copper, lead, and zinc in the skins. The most elevated was for lead, which was below the limit of detection in all the flesh samples but averaged 162.7 ng/g fresh weight in the skins, which is above the CEC ML of 100 ng/g fresh weight for potatoes (Scoop, 2004).

To determine the depth of total cadmium and lead localization with distance from the surface skin, Laser Ablation - Inductively Coupled Plasma - Mass Spectrometry (LA-ICP-MS) of relevant subsamples of produce that are eaten in both the peeled and unpeeled state was investigated. The results indicated that

total cadmium and lead are elevated in the skin of most beetroots, carrots, and potatoes. For apples and parsnips there was no indication from LA-ICP-MS of cadmium or lead elevation in the skin. Where elevated in the skin, cadmium and lead decreased to the “internal” concentration by 2 mm from the skin surface.

ii Background

The samples analysed in this study were originally collected as part of an FSA project to assess the concentration of inorganic arsenic in fruit and vegetables grown in the UK. Two areas were sampled, the SW of Britain (Devon and Cornwall) and the NE of Britain (Aberdeenshire). As well as total arsenic the concentrations of cadmium, copper, lead, and zinc were determined.

For cadmium the Commission of European Communities (CEC) has set the maximum levels (MLs) in fruit and vegetables based on produce class, all based on wet weight (Scoop, 2004). The standard for leafy vegetables, fresh herbs, celeriac, and all cultivated fungi is 200 ng/g. For stem vegetables, root vegetables, and potatoes it is 100 ng/g, and for vegetables and fruits excluding leafy vegetables, and other products (listed before) it is 50 ng/g. The MLs set by the CEC for lead in fruit and vegetables was also determined by vegetable and fruit class (Scoop, 2004). The ML for lead in berries and small fruits is 200 ng/g and 100 ng/g for other fruits. The ML for lead in vegetables (including potatoes) is 100 ng/g.

Weeks *et al.* (2007) conducted a survey of 12 metals (including cadmium, copper, lead, and zinc) from 12 allotment sites in the UK (6 urban and 6 rural), measuring a total of 251 fruit and vegetable samples. The study identified no produce above the ML for either cadmium or lead. The highest concentration of lead was found in a blackcurrant sample (160 ng/g), and the highest concentration of cadmium in a spinach sample (40 ng/g). Weeks *et al.* (2007) identified the following, all on a fresh weight basis: for cadmium the mean concentration was 7 ng/g (median 5 ng/g) with a minimum value of <LOD and a maximum of 39 ng/g, for copper the mean concentration was 609 ng/g (median 546 ng/g) with a minimum value of 119 ng/g and a maximum of 2271 ng/g, for lead the mean concentration was 10 ng/g (median 4 ng/g) with a minimum value of <LOD and a maximum of 1634 ng/g, and for zinc the mean concentration was 3526 ng/g (median 2898 ng/g) with a minimum value of 692 ng/g and a maximum of 17925 ng/g.

iii Contents of this report

The project is additional analysis of cadmium, copper, lead, and zinc in fruit, vegetables, and soil for samples collected to investigate inorganic arsenic in produce in the SW and NE of Britain.

1 Survey of total cadmium, copper, lead, and zinc concentrations in fruit and vegetables, and associated soil, in SW Britain and comparison with NE Britain

Objective 1 of the project was “To survey fruit and vegetables, and associated soil, in SW Britain during three campaigns” and objective 2 “To analyze these materials for total cadmium, copper, lead, and zinc”. The initial proposal was to conduct three field campaigns to survey elemental concentration in fruit and vegetables from the arsenic geogenically enriched areas of SW Britain. The study focused on the Mount’s Bay and Tamar Valley areas of the counties of Cornwall and Devon as these are the main vegetable and fruit growing zones, respectively, of this region, while also having the most geogenically arsenic enriched soils in Britain. Due to a very mild spring in 2011, a fourth field campaign was also incorporated into the project in late spring/early summer. The four SW sampling campaigns were conducted during November 2010, May 2011, June 2011 and September 2011. Alongside the survey of SW Britain, a basket survey of elemental concentration in Aberdeenshire fruit and vegetables was conducted.

1.1 Surveying strategy

The project sampled (a) locally produced fruit and vegetables in retail outlets (Cornwall, Devon, and Aberdeenshire surveys) and (b) field crops and soil so that the two can be related (Cornwall and Devon only). All samples (fruit and vegetable produce, and soil) were analysed for total cadmium, copper, lead, and zinc.

1.1.1 Basket survey

Local farm shops, greengrocers, “pick your own”, supermarkets, honesty boxes, and farmers markets were targeted. For each establishment, samples of only local fruit and vegetable produce were purchased, confirming with the seller that the produce was locally produced, if it was not clearly labelled as such. Either 100g or 5 individual vegetables or fruits were sampled (depending on size). All samples were washed in a kitchen sink using local tap water, to a thoroughness normally used in food preparation. Once cleaned the samples were finely diced in a food processor (which was cleaned between processing each sample). The samples were then frozen and sent back to the University of Aberdeen for further processing (as described in Section 1.2.1)

For items eaten with and without skin (potatoes, root vegetables, apples, pears, etc.), separate samples were taken for unpeeled and peeled, to reflect different dietary exposures. The data, with exception of peeled versus unpeeled comparisons, presented in this report are based on the preparation most commonly consumed, i.e. unpeeled for apples and courgettes, while peeled are potatoes, swedes, parsnip, carrots, beetroot, and squashes, with the other

preparation method (i.e. peeled apples, unpeeled potatoes etc.) referred to as the “alternative preparation”. The SW basket survey consisted of 630 samples with 207 alternative preparations. The NE basket survey consisted of 190 samples with 69 alternative peeling preparations.

1.1.2 Field sampling and soil sampling

To establish the link between soil element concentration and the concentration of elements in vegetable and fruit produce, farmers’ fields in the 2 SW geographic areas were sampled, with the farmer’s permission, for fruit and vegetables in season. GPS locations of the fields were recorded. A transect 20 m long, sampled at 5 m intervals, was taken through the centre of the field and soil (top 20 cm, sampled using a stainless steel corer), and a sample of the fruit or vegetable was taken at each location. These 5 soil and 5 produce samples were bulked to give one soil and one produce sample per field. Produce samples were prepared as in 1.1.1. Soil samples were oven dried and 2 mm sieved before analysis. For the SW campaigns a total of 174 soil samples were analysed along with corresponding crops, as well as 56 alternative preparations for produce eaten either peeled or unpeeled, to reflect all potential consumer exposures.

1.2 Analytical materials and methods

1.2.1 Determination of cadmium, copper, lead, and zinc in produce samples

Samples were oven dried at 70°C and the moisture content of the produce determined. Approximately 0.2-0.3g of dried produce was accurately weighed out into 50 ml polyethylene centrifuge tubes; 2.5 ml of concentrated nitric acid was added to each sample and then left overnight. Trace reagent analysis grade reagents were used throughout. Prior to microwave digestion 2.5 ml of hydrogen peroxide was added to each tube and then the samples were digested using a MARS. The digestion parameters were a 5 minute ramp to 55°C and then hold at 55°C for 10 minutes, followed by a 5 minute ramp to 75°C and then hold at 75°C for 10 minutes, followed by a 5 minute ramp to 95°C and then hold at 95°C for 30 minutes. Samples were then made up to 50ml and accurately weighed. Each analytical batch was accompanied by a minimum of 1 reagent blank, 1 spike, and four different certified reference materials: IC-INCT-MPH-2 mixed Polish herbs, NIST-1568a rice flour, CTA-OTL-1 Oriental tobacco leaves, and NCS ZC73012 cabbage. Total cadmium, copper, lead, and zinc analysis was performed by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS) (Agilent Technologies 7500). Rhodium (10 µg/L) was run on an external line as the internal standard. The cadmium, copper, lead, and zinc standards ranged from 0.1 – 300 µg/L. The elements measured were cadmium, copper, lead, and zinc, and rhodium (internal standard).

1.2.2 Determination of cadmium, copper, lead, and zinc in soil samples

Sieved soil samples were weighed (0.1g) into glass digest tubes and 2.5 ml of concentrated nitric acid was added to each tube. The samples were incubated overnight with the acid. Hydrogen peroxide (2.5 ml) was added to each tube, and the digest tubes were then transferred to a digest-heating block set at 100°C. After 1 hour the temperature was increased to 120°C, then after 1 hour the temperature was increased to 140°C. The samples were then digested for 4 hours. The samples were transferred to 15 ml centrifuge tubes and made up to 10 ml, followed by a 1:10 dilution of the digest. For each soil batch 1 reaction blank, 1 spike, and 1 soil CRM (NCS DC73319) were used. Analysis of cadmium, copper, lead, and zinc was performed as described in 1.2.1.

1.3 Results

1.3.1 Quality control

A total of 35 independent digests were analyzed for the cabbage, herb, and tobacco CRM, and 28 for the rice CRM. Data was not corrected based on the CRM recoveries. Note that the recoveries for the CRMs reflect the inherent differences in element speciation within the CRM, as the standard error of the means (s.e.m.) indicates a high precision. For “total” extraction of elements from environmental matrices hydrofluoric (HF) acid is required to dissolved silicate associated elements. The cost, including exceptional health and safety procedures, that have to be in place for HF digestion, make it prohibitive for routine monitoring. Thus, the nitric acid digestion used must be considered as operationally defined. Even so, “total” recoveries reported here for each element vary from acceptable to excellent. Furthermore, extraction procedures for this project were optimized around arsenic, not copper, cadmium, lead, and zinc, as these four elements were asked to be reported after the project on arsenic started, and these four elements are simultaneously reported with arsenic during ICP-MS analysis, adding considerable further value to the survey.

Table 1. Certified reference material recoveries for total cadmium, copper, lead, and zinc analysis.

| Element | CRM | Certified value (ng/g) | Determined value (mean \pm s.e.m; ng/g) | Recovery (%) |
|---------|----------------------|---------------------------|---|--------------|
| Cu | Cabbage [#] | 2700 \pm 200 | 2319 \pm 50 | 85.9 |
| | Herb [#] | 7770 \pm 530 | 7540 \pm 104 | 97.0 |
| | Tobacco [#] | 14100 \pm 500 | 13148 \pm 175 | 93.3 |
| | Rice* | 2400 \pm 300 | 2262 \pm 38 | 94.3 |
| Zn | Cabbage [#] | 26000 \pm 2000 | 22367 \pm 1045 | 86.0 |
| | Herb [#] | 33500 \pm 2100 | 26039 \pm 485 | 77.7 |
| | Tobacco [#] | 49900 \pm 2400 | 39877 \pm 786 | 79.9 |
| | Rice* | 19400 \pm 500 | 14039 \pm 226 | 72.4 |

| | | | | |
|----|----------------------|----------|---------|------|
| Cd | Cabbage [#] | 35±6 | 33±01 | 93.5 |
| | Herb [#] | 199±23 | 176±2 | 88.6 |
| | Tobacco [#] | 1120±120 | 1031±12 | 92.1 |
| | Rice* | 22±2 | 18±1 | 83.5 |
| Pb | Cabbage [#] | 190±30 | 173±19 | 91.1 |
| | Herb [#] | 2160±230 | 1596±48 | 73.9 |
| | Tobacco [#] | 4910±800 | 3444±70 | 70.1 |
| | Rice* | - | NA | - |

[#] Total number of independent digest = 35; * Total number of independent digest = 28

The limit of detection (LOD) was determined for each independent analytical run. The LOD was calculated from the elemental concentration of the sample blanks (minimum of three per analytical run). The average concentration for the blanks was calculated and three times the standard deviation added to this value; this value was then multiplied by the average dilution factor of the samples to give a value in ng/g. For statistical purposes the highest overall LOD generated during all the batches of samples was used to provide uniform wet and dry weight LODS.

The LOD was determined for each independent analytical run. The highest LOD was 179 ng/g (fresh weight) for Cu, 144 ng/g (fresh weight) for Zn, 3.6 ng/g (fresh weight) for Cd, and 8.0 ng/g (fresh weight) for Pb. All data was corrected for the highest LOD for each element. For the samples below the LOD a value of half LOD was used for statistical analysis.

1.3.2 Basket survey SW Britain

For the SW basket survey a total of 630 samples with 207 alternative preparations were analysed. The total cadmium, copper, lead, and zinc value for every sample (including alternative preparations) are presented in appendix Tables A (fresh weight) and B (dry weight). For the produce for which at least three independent samples were collected the mean, median, minimum, and maximum total cadmium, copper, lead, and zinc value for that produce class are presented in Tables 2, 3, 4, and 5 and Figures 1,2,3, and 4 respectively.

The distribution of the total cadmium concentration for the classes of produce are presented in Figure 1. The MLs set by the CEC for cadmium in fruit and vegetables are determined by fruit and vegetable class (Scoop, 2004). The standard for leafy vegetables, fresh herbs, celeriac, and all cultivated fungi is 200 ng/g. For stem vegetables, root vegetables, and potatoes it is 100 ng/g, and for vegetables and fruits, excluding leafy vegetables, and other products (listed before) it is 50 ng/g. The following maximum values are based on the most common preparation method, as described in section 1.1.1. For the leafy vegetables no values exceeded the ML of 200 ng/g. The maximum cadmium value for this class of vegetables was 123 ng/g (chard). None of the stem vegetables exceeded the limit of 100 ng/g; the highest was 58 ng/g (leek), and none of the root vegetables exceeded the limit either; the highest was for beetroot at 56.9 ng/g. For the fruit category, none exceeded the maximum of 50 ng/g cadmium, and for the other vegetables none exceeded 50 ng/g cadmium.

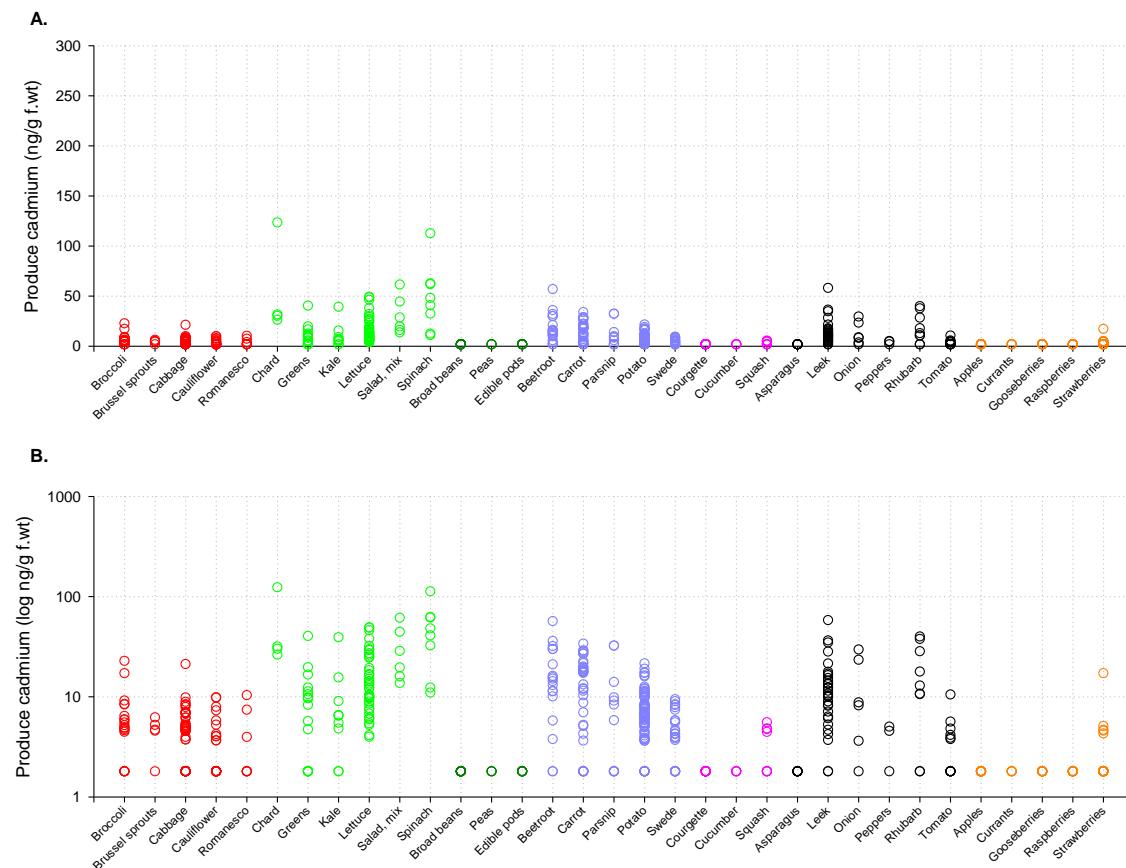


Figure 1. Cadmium concentration of the produce sampled in the SW basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 2. Average cadmium concentrations in produce collected for the SW basket survey.

| Category | Produce | n | mean cadmium (ng/g f.wt) | min cadmium (ng/g f.wt) | median cadmium (ng/g f.wt) | max cadmium (ng/g f.wt) |
|----------------------------|-----------------|----|--------------------------|-------------------------|----------------------------|-------------------------|
| Compact florets and leaves | Broccoli | 20 | 6.4 | 1.8 | 5.1 | 22.8 |
| | Brussel sprouts | 5 | 4.5 | 1.8 | 4.7 | 6.2 |
| | Cabbage | 66 | 3.8 | 1.8 | 1.8 | 21.2 |
| | Cauliflower | 28 | 3.4 | 1.8 | 1.8 | 9.9 |
| | Romanesque | 7 | 4.1 | 1.8 | 1.8 | 10.3 |
| Open leaf structure | Chard | 4 | 52.9 | 26.3 | 30.9 | 123.4 |
| | Greens | 18 | 9.4 | 1.8 | 9.0 | 40.4 |
| | Kale | 9 | 10.1 | 1.8 | 6.5 | 39.2 |
| | Lettuce | 42 | 16.6 | 4.0 | 12.2 | 49.3 |
| | Salad, mix | 6 | 30.6 | 13.7 | 24.1 | 61.5 |
| Legumes | Spinach | 8 | 47.7 | 11.0 | 44.5 | 112.6 |
| | Broad beans | 17 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Peas | 3 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Edible pods | 8 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Beetroot | 18 | 18.1 | 1.8 | 14.7 | 56.9 |
| Roots and tubers | Carrot | 36 | 14.1 | 1.8 | 15.3 | 33.9 |
| | Parsnip | 12 | 10.1 | 1.8 | 7.1 | 32.4 |
| | Potato | 82 | 7.2 | 1.8 | 6.5 | 21.5 |
| | Swede | 26 | 4.5 | 1.8 | 4.1 | 9.4 |
| | Courgette | 23 | 1.8 | 1.8 | 1.8 | 1.8 |
| Squashes | Cucumber | 4 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Squash | 8 | 3.3 | 1.8 | 3.1 | 5.5 |
| | Asparagus | 9 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Leek | 31 | 13.9 | 1.8 | 10.7 | 58.1 |
| | Onion | 6 | 12.6 | 1.8 | 8.5 | 29.6 |
| Various | Peppers | 3 | 3.8 | 1.8 | 4.6 | 5.0 |
| | Rhubarb | 9 | 18.0 | 1.8 | 12.9 | 39.9 |
| | Tomato | 12 | 3.6 | 1.8 | 2.8 | 10.5 |
| | Apples | 17 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Currants | 4 | 1.8 | 1.8 | 1.8 | 1.8 |
| Fruit | Gooseberries | 12 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Raspberries | 11 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Strawberries | 47 | 2.4 | 1.8 | 1.8 | 17.2 |

The distribution of the total copper concentration for the classes are presented in Figure 2. Mean total copper range for the produce categories ranged from 271 – 2739 ng/g (fresh weight). The copper range falls within the range earlier identified in the survey by Weeks *et al.* (2007).

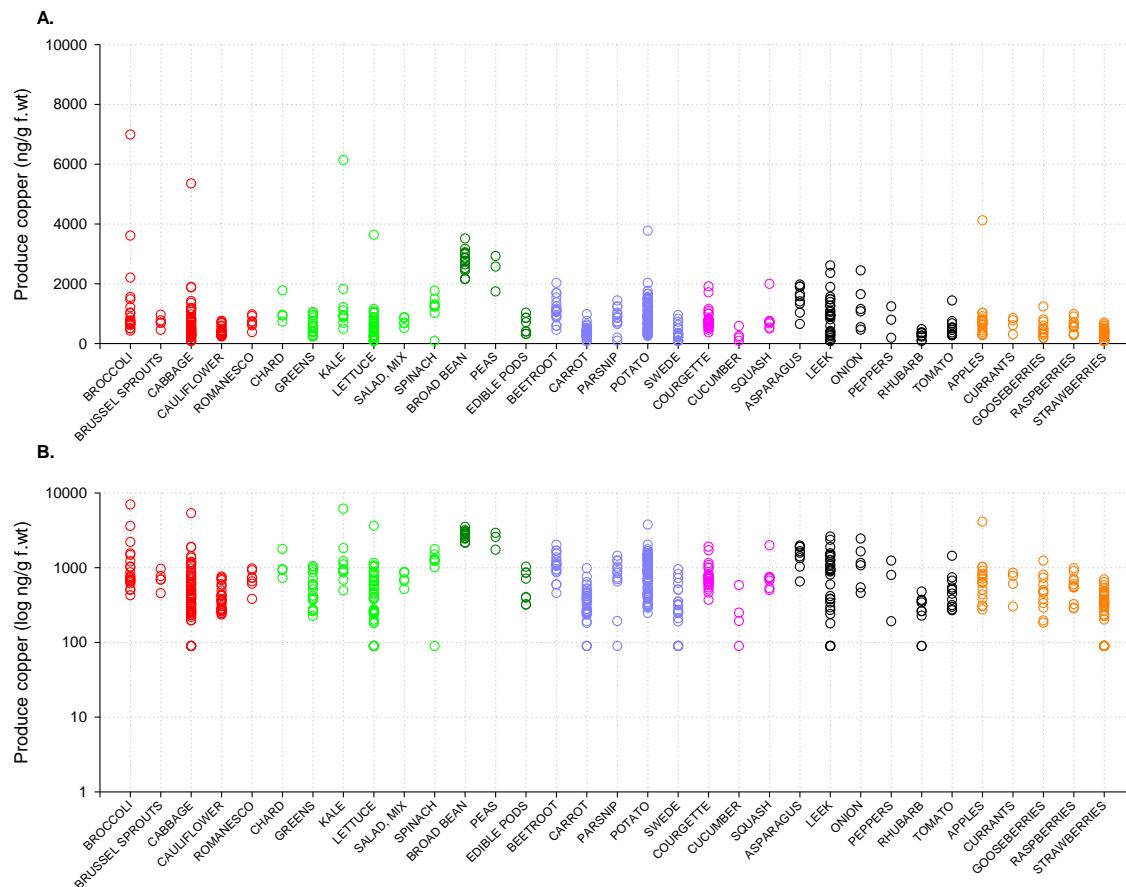


Figure 2. Copper concentration of the produce sampled in the SW basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 3. Average copper concentrations in produce collected for the SW basket survey.

| Category | Produce | n | mean copper (ng/g f.wt) | min copper (ng/g f.wt) | median copper (ng/g f.wt) | max copper (ng/g f.wt) |
|----------------------------|-----------------|----|----------------------------|---------------------------|------------------------------|---------------------------|
| Compact florets and leaves | Broccoli | 20 | 1346.9 | 427.3 | 760.2 | 6989.5 |
| | Brussel sprouts | 5 | 714.5 | 455.4 | 693.5 | 963.4 |
| | Cabbage | 66 | 640.8 | 89.4 | 441.6 | 5355.9 |
| | Cauliflower | 28 | 404.7 | 235.6 | 361.9 | 759.5 |
| | Romanesque | 7 | 714.0 | 381.3 | 726.7 | 972.8 |
| | Chard | 4 | 1098.8 | 729.6 | 943.7 | 1778.2 |
| Open leaf structure | Greens | 18 | 580.3 | 225.7 | 544.8 | 1047.6 |
| | Kale | 9 | 1578.3 | 497.0 | 947.7 | 6138.4 |
| | Lettuce | 42 | 531.6 | 89.4 | 398.2 | 3633.5 |
| | Salad, mix | 6 | 747.1 | 516.8 | 778.7 | 874.5 |
| | Spinach | 8 | 1177.1 | 89.4 | 1255.5 | 1766.0 |
| | Broad beans | 17 | 2738.7 | 2154.7 | 2765.2 | 3512.6 |
| Legumes | Peas | 3 | 2412.7 | 1739.8 | 2573.6 | 2924.6 |
| | Edible pods | 8 | 611.3 | 319.0 | 556.7 | 1025.6 |
| Roots and tubers | Beetroot | 18 | 1140.0 | 456.0 | 1087.3 | 2028.5 |
| | Carrot | 36 | 360.4 | 89.4 | 344.6 | 983.2 |
| | Parsnip | 12 | 836.5 | 89.4 | 870.2 | 1439.4 |
| | Potato | 82 | 938.9 | 248.5 | 903.5 | 3772.6 |
| | Swede | 26 | 321.0 | 89.4 | 254.9 | 951.2 |
| | Courgette | 23 | 821.6 | 371.3 | 729.0 | 1909.7 |
| Squashes | Cucumber | 4 | 278.8 | 89.4 | 221.4 | 583.2 |
| | Squash | 8 | 828.4 | 501.4 | 721.6 | 1995.5 |
| | Asparagus | 9 | 1493.2 | 653.8 | 1579.9 | 1972.7 |
| | Leek | 31 | 880.2 | 89.4 | 913.8 | 2609.2 |
| | Onion | 6 | 1219.8 | 459.0 | 1111.7 | 2444.4 |
| | Peppers | 3 | 742.7 | 192.0 | 795.3 | 1240.8 |
| Various | Rhubarb | 9 | 275.7 | 89.4 | 262.8 | 479.3 |
| | Tomato | 12 | 532.8 | 269.1 | 479.3 | 1439.4 |
| | Apples | 17 | 838.7 | 275.0 | 642.8 | 4118.4 |
| | Currants | 4 | 634.6 | 301.0 | 691.6 | 854.3 |
| | Gooseberries | 12 | 515.9 | 183.6 | 467.9 | 1238.7 |
| | Raspberries | 11 | 583.3 | 284.8 | 563.6 | 982.7 |
| Fruit | Strawberries | 47 | 271.5 | 89.4 | 294.9 | 694.6 |

The distribution of the total lead concentration for the classes is presented in Figure 3. The ML set by the CEC for lead in fruit and vegetables is determined by vegetable and fruit class (Scoop, 2004). The ML for lead in berries and small fruits is 200 ng/g and 100 ng/g for other fruits. The ML for lead in vegetables (including potatoes) is 100 ng/g. The following maximum values are based on the most common preparation method, as described in section 1.1.1. For the berries and small fruits two strawberry samples exceeded the 200 ng/g ML (Table 4 and appendix Table C). For the lead ML of 100 ng/g for other produce, 16 samples exceeded this limit (these were an apple, a beetroot, a cabbage, a chard, a pak choi, a parsley, two lettuce, two rhubarb, three spinach, and three salad samples) (Table 4 and appendix Table C).

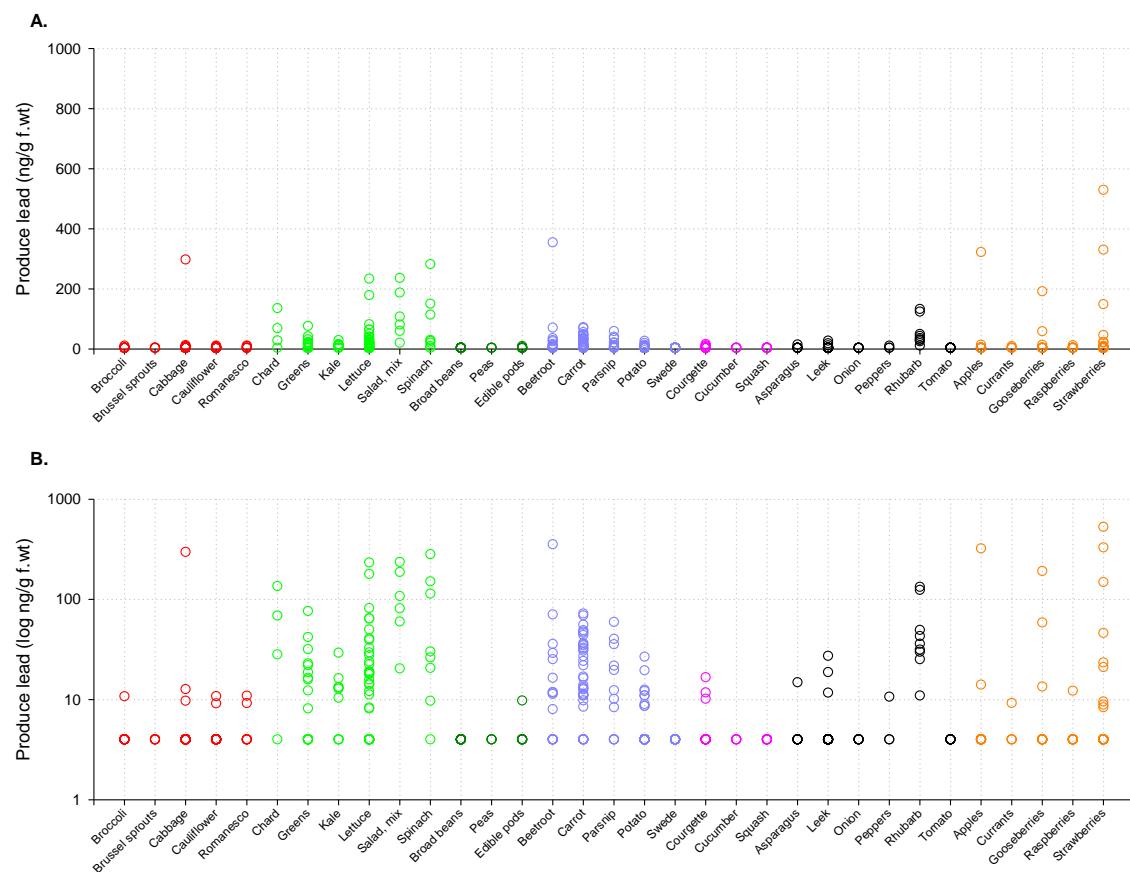


Figure 3. Lead concentration of the produce sampled in the SW basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 4. Average lead concentrations in produce collected for the SW basket survey.

| Category | Produce | n | mean lead (ng/g f.wt) | min lead (ng/g f.wt) | median lead (ng/g f.wt) | max lead (ng/g f.wt) |
|----------------------------|-----------------|----|--------------------------|-------------------------|----------------------------|-------------------------|
| Compact florets and leaves | Broccoli | 20 | 4.3 | 4.0 | 4.0 | 10.8 |
| | Brussel sprouts | 5 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Cabbage | 66 | 8.7 | 4.0 | 4.0 | 297.6 |
| | Cauliflower | 28 | 4.4 | 4.0 | 4.0 | 10.8 |
| | Romanesque | 7 | 5.7 | 4.0 | 4.0 | 10.9 |
| | Chard | 4 | 59.2 | 4.0 | 48.6 | 135.7 |
| Open leaf structure | Greens | 18 | 16.6 | 4.0 | 10.2 | 76.5 |
| | Kale | 9 | 11.9 | 4.0 | 12.8 | 29.3 |
| | Lettuce | 42 | 27.0 | 4.0 | 13.1 | 233.5 |
| | Salad, mix | 6 | 115.5 | 20.5 | 94.6 | 236.1 |
| | Spinach | 8 | 79.8 | 4.0 | 28.2 | 282.2 |
| Legumes | Broad beans | 17 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Peas | 3 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Edible pods | 8 | 4.7 | 4.0 | 4.0 | 9.8 |
| Roots and tubers | Beetroot | 18 | 33.7 | 4.0 | 9.7 | 354.8 |
| | Carrot | 36 | 23.3 | 4.0 | 15.1 | 72.1 |
| | Parsnip | 12 | 18.7 | 4.0 | 11.3 | 59.5 |
| | Potato | 82 | 5.0 | 4.0 | 4.0 | 26.8 |
| | Swede | 26 | 4.0 | 4.0 | 4.0 | 4.0 |
| Squashes | Courgette | 23 | 5.2 | 4.0 | 4.0 | 16.7 |
| | Cucumber | 4 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Squash | 8 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Asparagus | 9 | 5.2 | 4.0 | 4.0 | 14.8 |
| Various | Leek | 31 | 5.5 | 4.0 | 4.0 | 27.3 |
| | Onion | 6 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Peppers | 3 | 6.2 | 4.0 | 4.0 | 10.7 |
| | Rhubarb | 9 | 53.7 | 11.0 | 36.0 | 133.1 |
| | Tomato | 12 | 4.0 | 4.0 | 4.0 | 4.0 |
| Fruit | Apples | 17 | 23.3 | 4.0 | 4.0 | 322.3 |
| | Currants | 4 | 5.3 | 4.0 | 4.0 | 9.2 |
| | Gooseberries | 12 | 25.0 | 4.0 | 4.0 | 191.8 |
| | Raspberries | 11 | 4.7 | 4.0 | 4.0 | 12.2 |
| | Strawberries | 47 | 27.2 | 4.0 | 4.0 | 529.4 |

The distribution of the total zinc concentration for the classes is presented in Figure 4. Mean total zinc range for the produce categories ranged from 305 – 9056 ng/g (fresh weight). The zinc range falls approximately within the range earlier identified in the survey by Weeks *et al.* (2007).

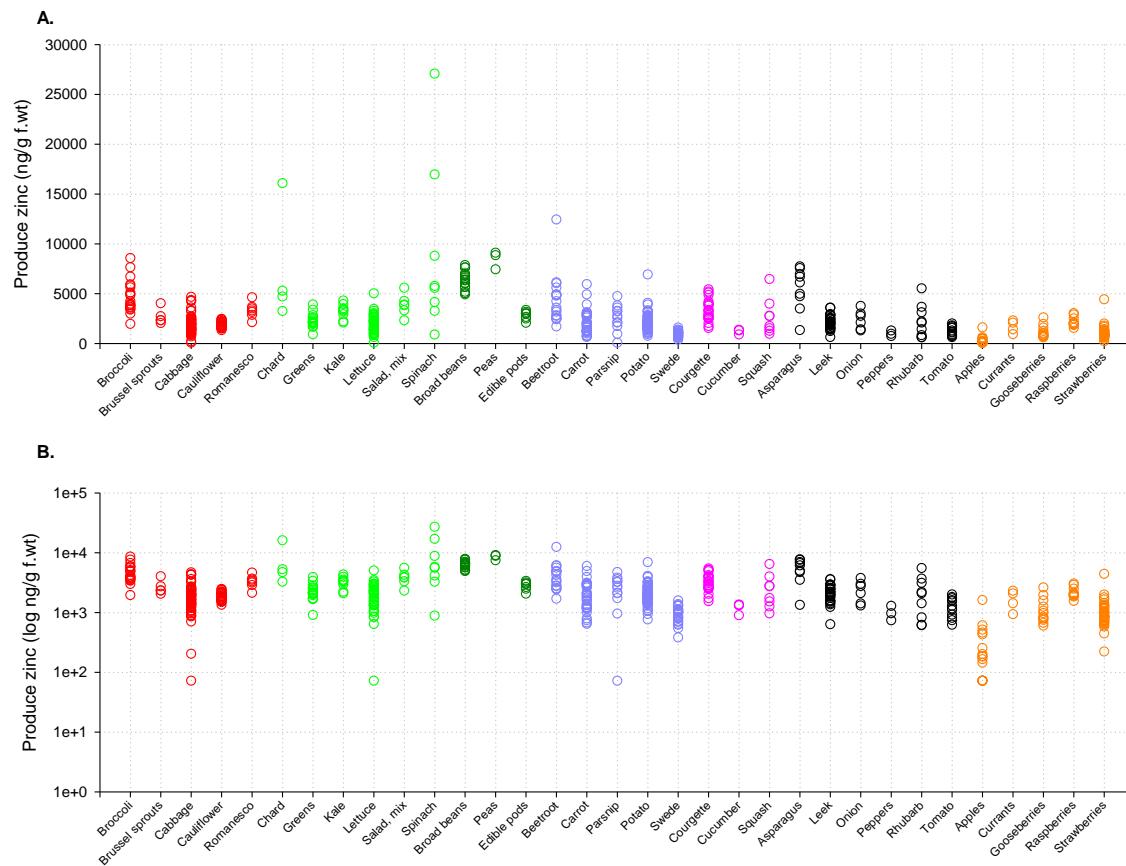


Figure 4. Zinc concentration of the produce sampled in the SW basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 5. Average zinc concentrations in produce collected for the SW basket survey.

| Category | Produce | n | mean zinc (ng/g f.wt) | min zinc (ng/g f.wt) | median zinc (ng/g f.wt) | max zinc (ng/g f.wt) |
|----------------------------|-----------------|----|--------------------------|-------------------------|----------------------------|-------------------------|
| Compact florets and leaves | Broccoli | 20 | 4699.0 | 1953.6 | 4109.2 | 8567.7 |
| | Brussel sprouts | 5 | 2694.1 | 2050.2 | 2330.0 | 4028.1 |
| | Cabbage | 66 | 1913.7 | 71.9 | 1799.7 | 4671.7 |
| | Cauliflower | 28 | 1857.6 | 1340.8 | 1833.6 | 2460.2 |
| | Romanesque | 7 | 3324.2 | 2128.2 | 3314.8 | 4635.1 |
| | Chard | 4 | 7335.7 | 3260.5 | 4996.2 | 16090.0 |
| Open leaf structure | Greens | 18 | 2260.0 | 908.0 | 2130.2 | 3899.4 |
| | Kale | 9 | 3219.7 | 2090.6 | 3325.3 | 4300.7 |
| | Lettuce | 42 | 2012.9 | 71.9 | 2083.5 | 5019.2 |
| | Salad, mix | 6 | 3866.9 | 2316.5 | 3862.4 | 5584.1 |
| | Spinach | 8 | 9056.3 | 884.9 | 5670.7 | 27067.4 |
| Legumes | Broad beans | 17 | 6354.6 | 4928.0 | 6365.9 | 7856.0 |
| | Peas | 3 | 8461.0 | 7434.3 | 8847.7 | 9101.1 |
| | Edible pods | 8 | 2840.7 | 2062.6 | 2987.9 | 3355.1 |
| Roots and tubers | Beetroot | 18 | 4375.7 | 1699.8 | 3908.8 | 12432.7 |
| | Carrot | 36 | 2096.7 | 644.5 | 1840.9 | 5950.8 |
| | Parsnip | 12 | 2580.8 | 71.9 | 2685.7 | 4738.6 |
| | Potato | 82 | 2035.7 | 763.4 | 1850.1 | 6919.4 |
| | Swede | 26 | 970.1 | 380.3 | 1015.2 | 1588.2 |
| Squashes | Courgette | 23 | 3362.2 | 1540.5 | 3262.4 | 5428.7 |
| | Cucumber | 4 | 1225.0 | 897.0 | 1323.0 | 1356.9 |
| | Squash | 8 | 2683.6 | 966.6 | 2242.8 | 6460.0 |
| | Asparagus | 9 | 5511.3 | 1336.8 | 6113.3 | 7731.8 |
| Various | Leek | 31 | 2158.2 | 633.9 | 2155.0 | 3592.5 |
| | Onion | 6 | 2389.8 | 1302.4 | 2433.5 | 3762.8 |
| | Peppers | 3 | 997.4 | 737.0 | 967.3 | 1288.0 |
| | Rhubarb | 9 | 2232.0 | 612.5 | 2092.2 | 5525.3 |
| | Tomato | 12 | 1277.4 | 622.1 | 1229.8 | 1996.5 |
| Fruit | Apples | 17 | 305.4 | 71.9 | 182.7 | 1614.2 |
| | Currants | 4 | 1686.4 | 935.0 | 1750.3 | 2310.1 |
| | Gooseberries | 12 | 1159.0 | 601.8 | 914.7 | 2612.7 |
| | Raspberries | 11 | 2165.9 | 1557.8 | 2018.0 | 3036.7 |
| | Strawberries | 47 | 1029.0 | 221.7 | 862.6 | 4418.8 |

1.3.2.1 Comparison of different preparation methods

For nine different classes of fruit and vegetable a comparison was conducted between unpeeled and peeled (Figure 5). Statistical analysis was performed using a paired t-test for each produce category. For cadmium: apples ($n=17$), beetroots ($n=14$), carrots ($n=32$), courgettes ($n=22$), cucumbers ($n=3$), parsnips ($n=9$), and squashes ($n=7$) showed no significant difference between the preparation styles. For potatoes ($n=79$) and swedes ($n=23$) there was significantly more cadmium in the vegetables that had not been peeled.

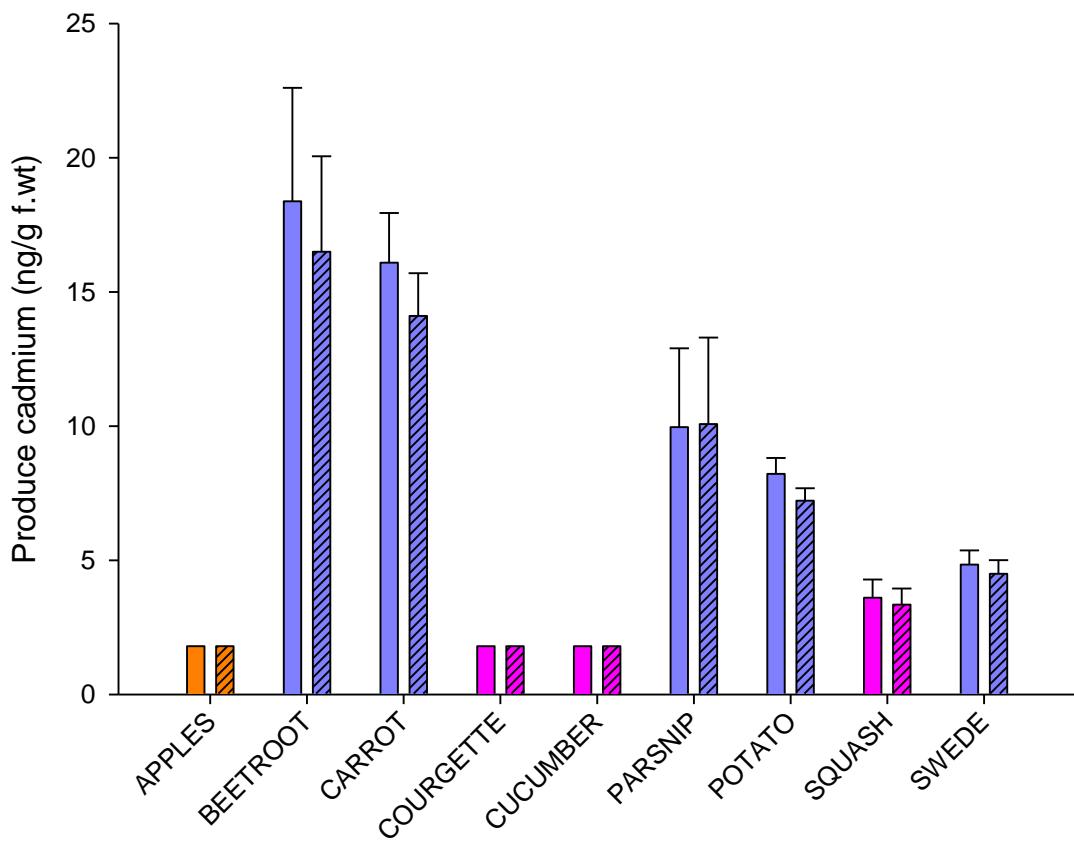


Figure 5. Total cadmium detected in the unpeeled produce (non-shaded bars) compared to the peeled produce (shaded bars). Bar is the mean cadmium concentration for each produce class and the error bar is the standard error of the mean.

For copper: apples (n=17), beetroots (n=14), courgettes (n=22), cucumbers (n=3), parsnips (n=9), potatoes (n=79), and squashes (n=7) showed no significant difference between the preparation styles. For carrots (n=32) and swedes (n=23) there was significantly more copper in the vegetables that had not been peeled.

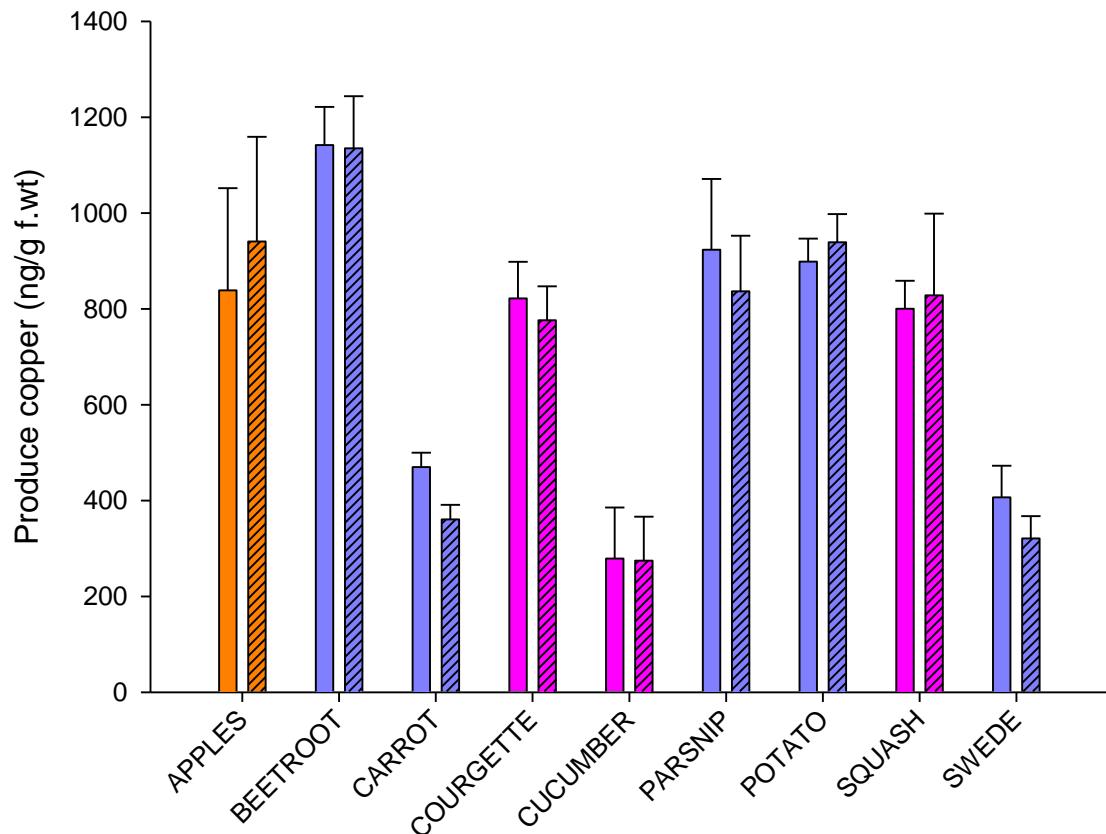


Figure 6. Total copper detected in the unpeeled produce (non-shaded bars) compared to the peeled produce (shaded bars). Bar is the mean copper concentration for each produce class and the error bar is the standard error of the mean.

For lead: apples (n=17), beetroots (n=14), carrots (n=32), courgettes (n=22), cucumbers (n=3), parsnips (n=9), and squashes (n=7) showed no significant difference between the preparation styles. For potatoes (n=79) and swedes (n=23) there was significantly more lead in the vegetables that had not been peeled.

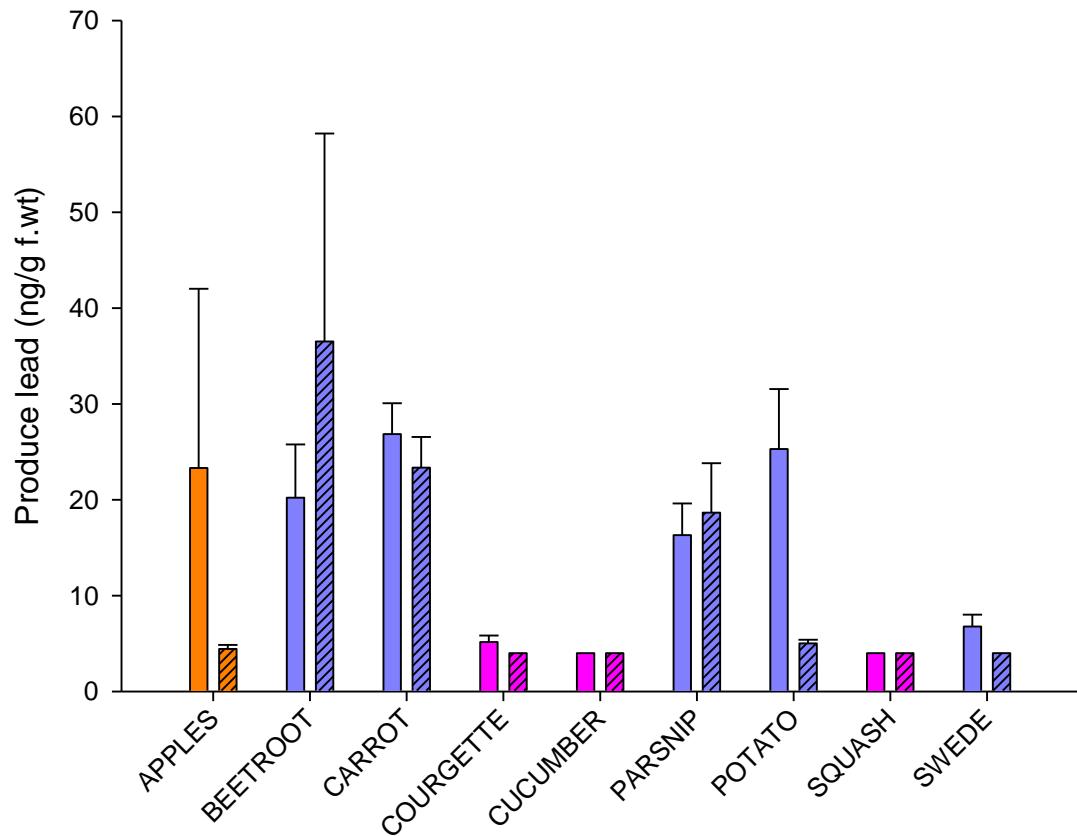


Figure 7. Total lead detected in the unpeeled produce (non-shaded bars) compared to the peeled produce (shaded bars). Bar is the mean lead concentration for each produce class and the error bar is the standard error of the mean.

For zinc: apples (n=17), beetroots (n=14), carrots (n=32), cucumbers (n=3), parsnips (n=9), potatoes (n=79), squashes (n=7), and swedes (n=23) showed no significant difference between the preparation styles. For courgettes (n=22) there was significantly more zinc in the vegetables that had not been peeled.

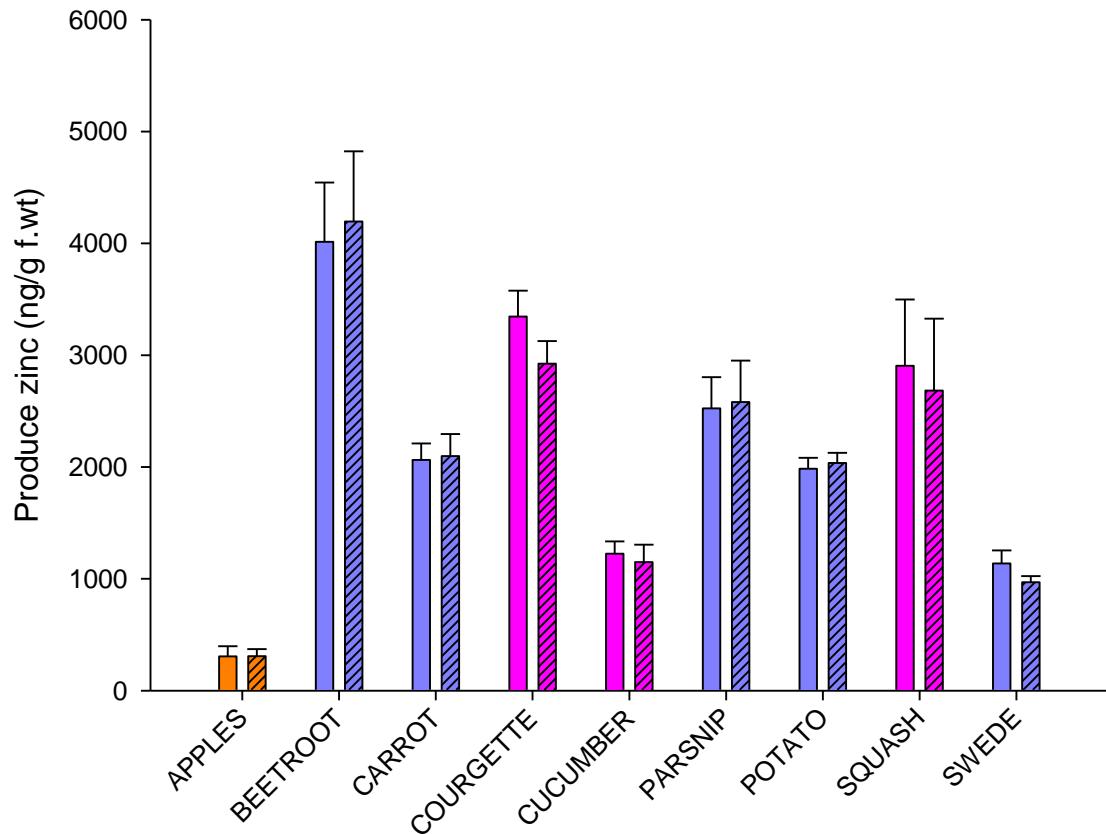


Figure 8. Total zinc detected in the unpeeled produce (non-shaded bars) compared to the peeled produce (shaded bars). Bar is the mean zinc concentration for each produce class and the error bar is the standard error of the mean.

1.3.3 Basket survey NE Britain

For the NE basket survey a total of 190 samples with 69 alternative preparations were analysed. The total cadmium, copper, lead, and zinc values for every sample (including alternative preparations) are presented in appendix Tables C (fresh weight) and D (dry weight). For the produce for which at least three independent samples were collected the mean, median, minimum, and maximum total cadmium, copper, lead, and zinc value for that produce class are presented in Tables 6, 7, 8, and 9, and Figures 9, 10, 11, and 12 respectively.

The total cadmium concentration distribution for the classes is presented in Figure 9. The CEC ML standard for leafy vegetables, fresh herbs, celeriac, and all cultivated fungi is 200 ng/g (Scoop, 2004). For stem vegetables, root vegetables, and potatoes it is 100 ng/g, and for vegetables and fruits, excluding leafy vegetables, and other products (listed before) it is 50 ng/g. The following maximum values are based on the most common preparation method, as described in section 1.1.1. For the leafy vegetables a single spinach sample (479 ng/g) exceeded the ML of 200 ng/g (data presented in appendix Table E and not present in Table 6 as less than 3 spinach samples were collected in the NE survey). None of the stem vegetables exceeded the limited of 100 ng/g and only a single root vegetable (beetroot, 101 ng/g) exceeded the limit. For the fruit category none exceeded the maximum of 50 ng/g cadmium and for the other vegetables none exceeded 50 ng/g cadmium.

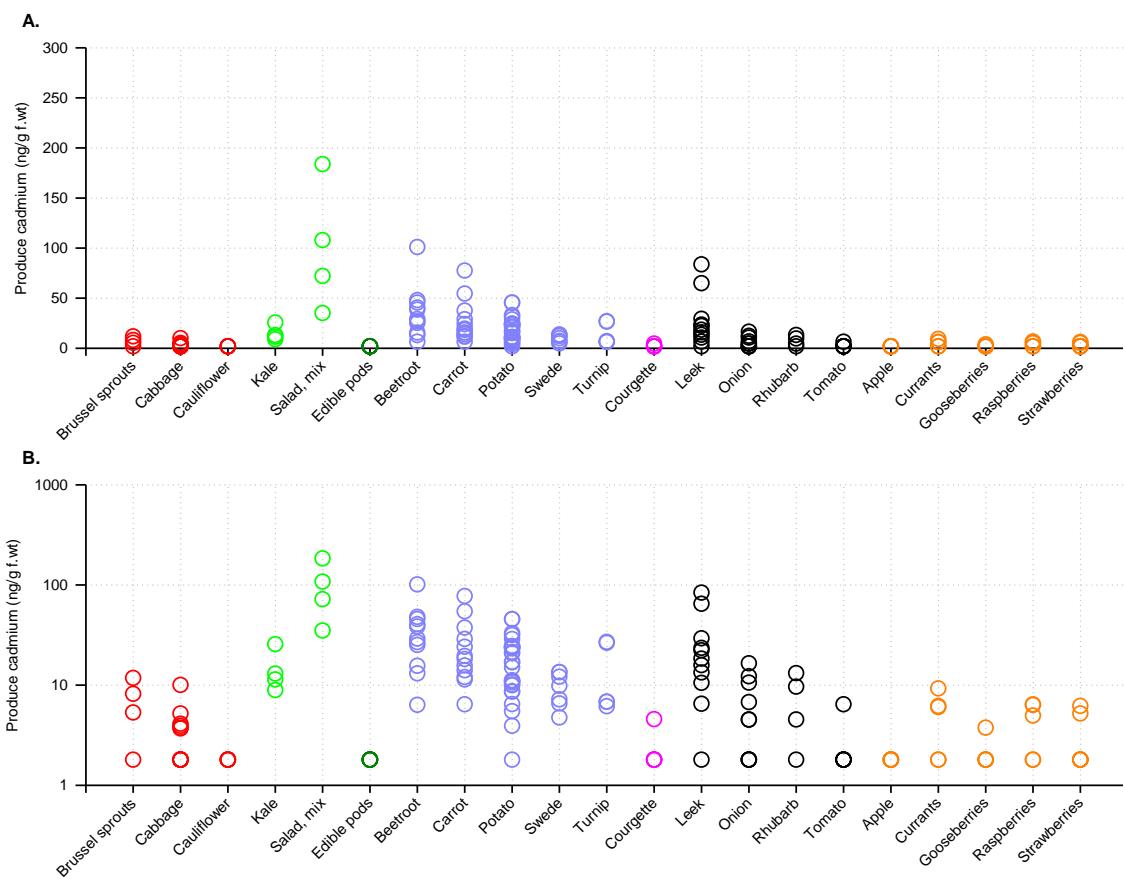


Figure 9. Cadmium concentration of the produce sampled in the NE basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 6. Average cadmium concentrations in produce collected for the NE basket survey.

| Category | Produce | n | mean cadmium (ng/g f.wt) | min cadmium (ng/g f.wt) | median cadmium (ng/g f.wt) | max cadmium (ng/g f.wt) |
|----------------------------------|-----------------|----|--------------------------------|-------------------------------|----------------------------------|-------------------------------|
| Compact florets and leaves | Brussel sprouts | 4 | 6.8 | 1.8 | 6.8 | 11.8 |
| | Cabbage | 14 | 3.2 | 1.8 | 1.8 | 10.0 |
| | Cauliflower | 5 | 1.8 | 1.8 | 1.8 | 1.8 |
| Open leaf structure | Kale | 4 | 14.7 | 8.9 | 12.2 | 25.6 |
| | Salad, mix | 4 | 99.6 | 35.0 | 89.9 | 183.8 |
| Legumes | Edible pods | 9 | 1.8 | 1.8 | 1.8 | 1.8 |
| | Beetroot | 11 | 35.4 | 6.4 | 29.1 | 101.0 |
| Roots and tubers | Carrot | 12 | 26.6 | 6.4 | 18.8 | 77.4 |
| | Potato | 28 | 18.5 | 1.8 | 16.9 | 45.5 |
| | Swede | 7 | 9.6 | 4.7 | 9.8 | 13.5 |
| | Turnip | 5 | 14.6 | 6.1 | 6.8 | 26.9 |
| Squashes | Courgette | 5 | 2.4 | 1.8 | 1.8 | 4.6 |
| | Leek | 11 | 26.3 | 1.8 | 18.4 | 83.6 |
| Various | Onion | 10 | 6.2 | 1.8 | 4.5 | 16.5 |
| | Rhubarb | 4 | 7.3 | 1.8 | 7.1 | 13.2 |
| | Tomato | 7 | 2.5 | 1.8 | 1.8 | 6.4 |
| | Apple | 6 | 1.8 | 1.8 | 1.8 | 1.8 |
| Fruit | Currants | 5 | 5.0 | 1.8 | 6.0 | 9.3 |
| | Gooseberries | 5 | 2.2 | 1.8 | 1.8 | 3.8 |
| | Raspberries | 5 | 4.3 | 1.8 | 5.0 | 6.4 |
| | Strawberries | 7 | 2.9 | 1.8 | 1.8 | 6.2 |

The total copper concentration distribution for the classes is presented in Figure 10. Mean total copper range for the produce categories ranged from 186 – 906.3 ng/g (fresh weight). The copper range falls within the range earlier identified in the survey by Weeks et al (2007).

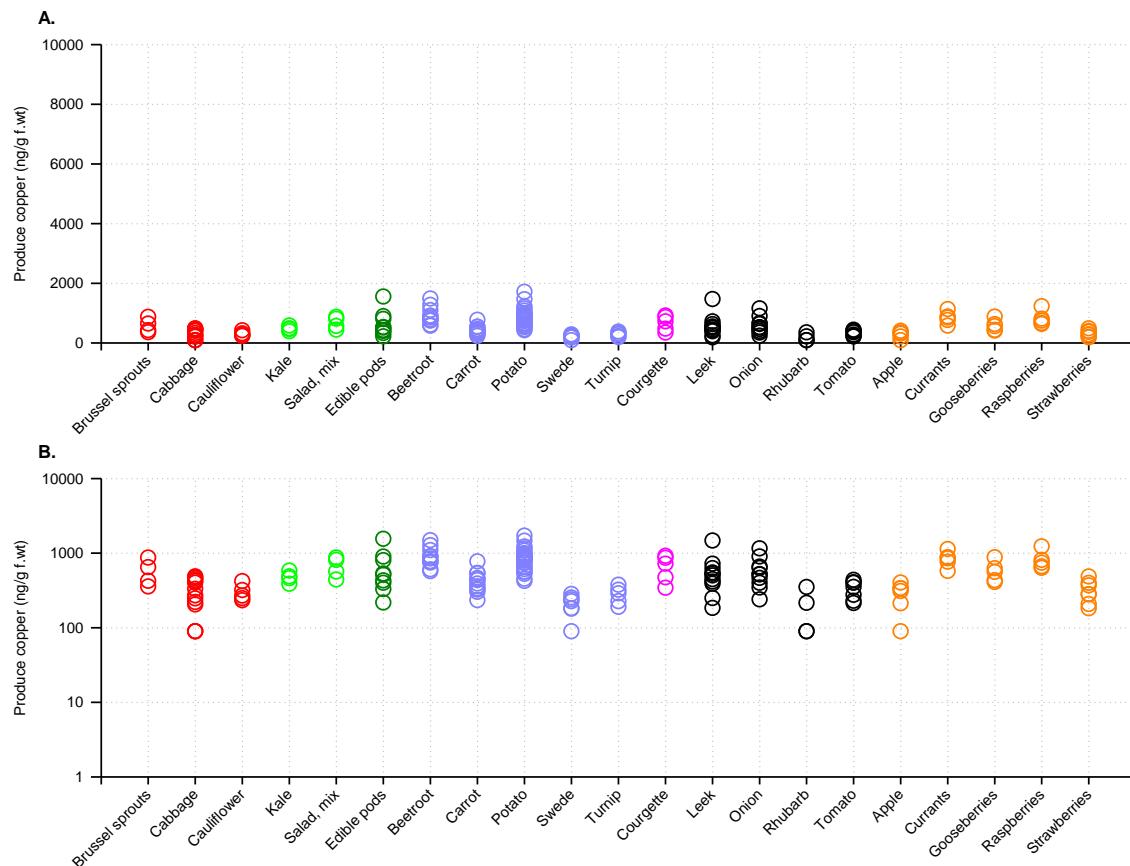


Figure 10. Copper concentration of the produce sampled in the NE basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 7. Average copper concentrations in produce collected for the NE basket survey.

| Category | Produce | n | mean copper (ng/g f.wt) | min copper (ng/g f.wt) | median copper (ng/g f.wt) | max copper (ng/g f.wt) |
|----------------------------|-----------------|----|----------------------------|---------------------------|------------------------------|---------------------------|
| Compact florets and leaves | Brussel sprouts | 4 | 574.4 | 356.3 | 535.7 | 870.2 |
| | Cabbage | 14 | 301.5 | 89.4 | 301.3 | 487.2 |
| | Cauliflower | 5 | 297.7 | 232.8 | 268.9 | 419.9 |
| Open leaf structure | Kale | 4 | 478.5 | 387.0 | 473.4 | 580.5 |
| | Salad, mix | 4 | 672.0 | 442.4 | 686.6 | 872.3 |
| Legumes | Edible pods | 9 | 629.4 | 217.2 | 511.5 | 1551.0 |
| | Beetroot | 11 | 906.3 | 571.2 | 845.3 | 1486.4 |
| | Carrot | 12 | 427.9 | 233.9 | 412.4 | 773.0 |
| Roots and tubers | Potato | 28 | 857.3 | 423.1 | 832.2 | 1710.2 |
| | Swede | 7 | 207.5 | 89.4 | 226.4 | 283.0 |
| | Turnip | 5 | 280.6 | 189.8 | 288.7 | 375.9 |
| Squashes | Courgette | 5 | 662.9 | 342.7 | 719.8 | 915.6 |
| | Leek | 11 | 552.4 | 183.5 | 501.0 | 1468.9 |
| Various | Onion | 10 | 582.7 | 239.2 | 519.7 | 1153.1 |
| | Rhubarb | 4 | 186.0 | 89.4 | 152.1 | 350.4 |
| | Tomato | 7 | 330.4 | 213.9 | 351.6 | 437.6 |
| Fruit | Apple | 6 | 281.4 | 89.4 | 323.3 | 402.1 |
| | Currants | 5 | 840.3 | 575.0 | 849.2 | 1132.1 |
| | Gooseberries | 5 | 580.6 | 409.2 | 558.4 | 876.4 |
| | Raspberries | 5 | 814.8 | 633.9 | 742.7 | 1225.5 |
| | Strawberries | 7 | 314.6 | 182.0 | 280.9 | 485.2 |

The distribution of the total lead concentration for the classes is presented in Figure 11. The ML set by the CEC for lead in fruit and vegetables is determined by vegetable and fruit class (Scoop, 2004). The ML for lead in berries and small fruits is 200 ng/g, and 100 ng/g for other fruits. The ML for lead in vegetables (including potatoes) is 100 ng/g. The following maximum values are based on the most common preparation method, as described in section 1.1.1. For the berries and small fruits no samples exceeded the 200 ng/g ML. For the lead ML of 100 ng/g for other produce 6 samples (these were a beetroot, a brussel sprout, a carrot, a spinach, and two kale samples) exceeded this limit (Table 8 and appendix Table C).

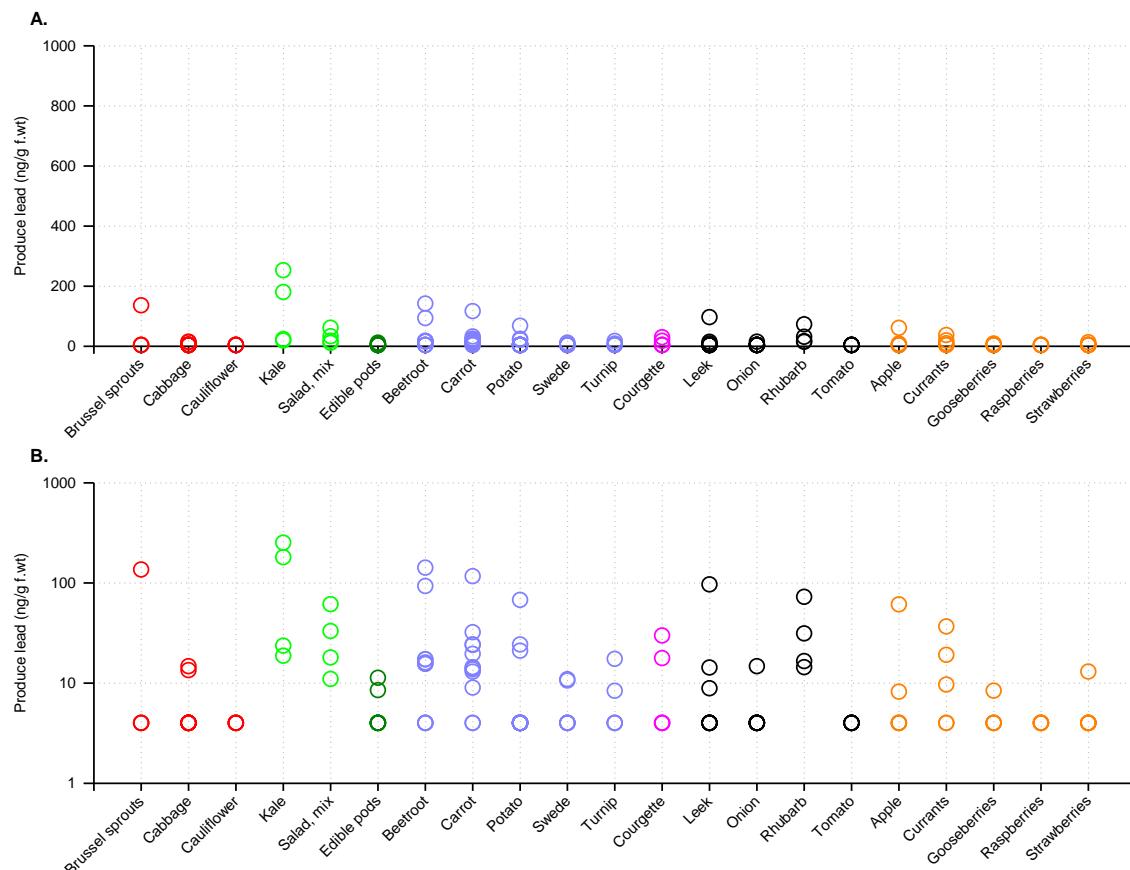


Figure 11. Lead concentration of the produce sampled in the NE basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 8. Average lead concentrations in produce collected for the NE basket survey.

| Category | Produce | n | mean lead (ng/g f.wt) | min lead (ng/g f.wt) | median lead (ng/g f.wt) | max lead (ng/g f.wt) |
|----------------------------|-----------------|----|--------------------------|-------------------------|----------------------------|-------------------------|
| Compact florets and leaves | Brussel sprouts | 4 | 36.9 | 4.0 | 4.0 | 135.8 |
| | Cabbage | 14 | 5.4 | 4.0 | 4.0 | 14.7 |
| | Cauliflower | 5 | 4.0 | 4.0 | 4.0 | 4.0 |
| Open leaf structure | Kale | 4 | 118.8 | 18.7 | 102.0 | 252.4 |
| | Salad, mix | 4 | 30.8 | 11.0 | 25.5 | 61.3 |
| Legumes | Edible pods | 9 | 5.3 | 4.0 | 4.0 | 11.3 |
| | Beetroot | 11 | 30.2 | 4.0 | 15.5 | 141.8 |
| | Carrot | 12 | 24.1 | 4.0 | 14.3 | 116.6 |
| Roots and tubers | Potato | 28 | 7.6 | 4.0 | 4.0 | 67.7 |
| | Swede | 7 | 5.9 | 4.0 | 4.0 | 10.9 |
| | Turnip | 5 | 7.6 | 4.0 | 4.0 | 17.4 |
| Squashes | Courgette | 5 | 11.9 | 4.0 | 4.0 | 29.8 |
| | Leek | 11 | 13.8 | 4.0 | 4.0 | 96.7 |
| Various | Onion | 10 | 5.1 | 4.0 | 4.0 | 14.7 |
| | Rhubarb | 4 | 33.7 | 14.4 | 23.9 | 72.5 |
| | Tomato | 7 | 4.0 | 4.0 | 4.0 | 4.0 |
| Fruit | Apple | 6 | 14.2 | 4.0 | 4.0 | 61.0 |
| | Currants | 5 | 14.7 | 4.0 | 9.7 | 36.7 |
| | Gooseberries | 5 | 4.9 | 4.0 | 4.0 | 8.4 |
| | Raspberries | 5 | 4.0 | 4.0 | 4.0 | 4.0 |
| | Strawberries | 7 | 5.3 | 4.0 | 4.0 | 13.0 |

The total zinc concentration distribution for the classes is presented in Figure 12. Mean total zinc range for the produce categories ranged from 790.6 – 8427.7 ng/g (fresh weight). The zinc range falls within the range earlier identified in the survey by Weeks et al (2007).

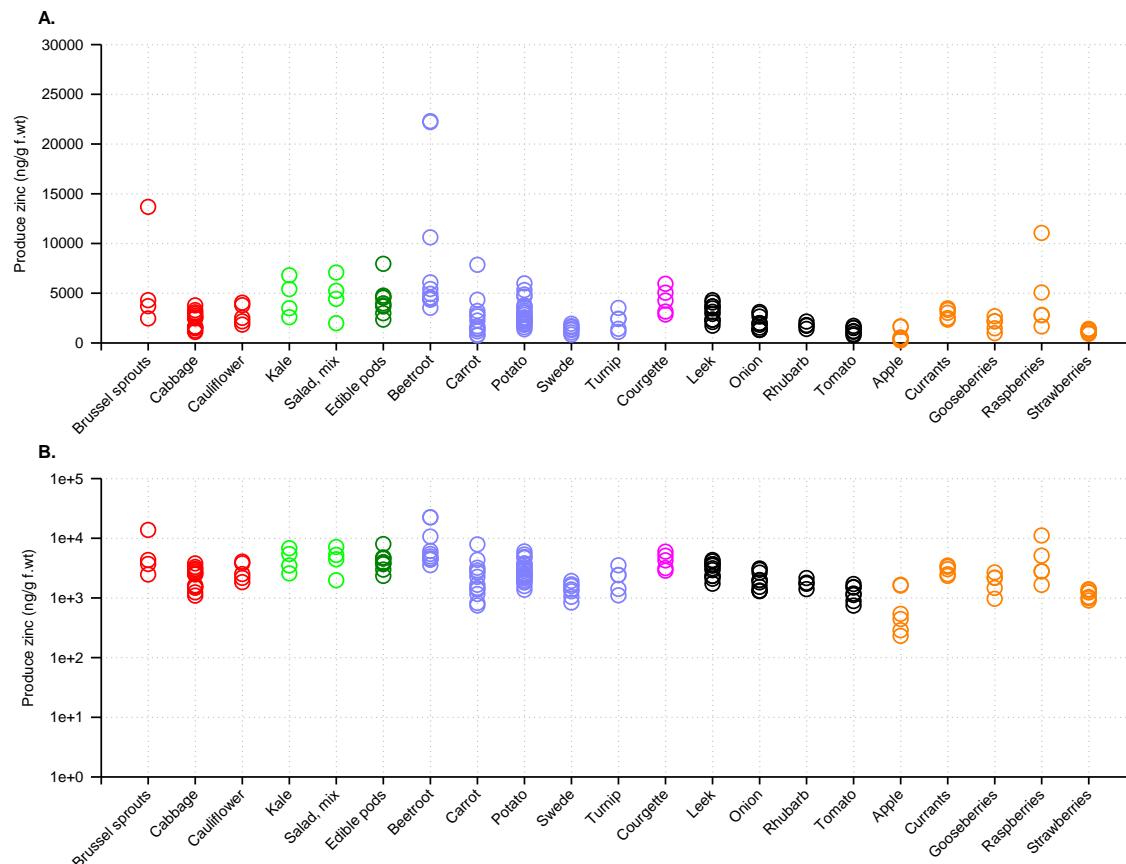


Figure 12. Zinc concentration of the produce sampled in the NE basket survey. (A) y-axis scaled on a linear scale, (B) y-axis scaled on a logarithmic scale.

Table 9. Average zinc concentrations in produce collected for the NE basket survey.

| Category | Produce | n | mean zinc (ng/g f.wt) | min zinc (ng/g f.wt) | median zinc (ng/g f.wt) | max zinc (ng/g f.wt) |
|----------------------------------|-----------------|----|--------------------------|-------------------------|----------------------------|-------------------------|
| Compact florets and leaves | Brussel sprouts | 4 | 6018.3 | 2451.8 | 3979.5 | 13662.5 |
| | Cabbage | 14 | 2261.6 | 1085.8 | 2487.2 | 3761.0 |
| | Cauliflower | 5 | 2857.8 | 1825.9 | 2499.3 | 4028.0 |
| Open leaf structure | Kale | 4 | 4552.0 | 2563.7 | 4434.9 | 6774.6 |
| | Salad, mix | 4 | 4667.1 | 1968.8 | 4817.1 | 7065.2 |
| Legumes | Edible pods | 9 | 4275.6 | 2327.6 | 3960.3 | 7933.4 |
| | Beetroot | 11 | 8427.7 | 3519.0 | 4924.7 | 22285.5 |
| | Carrot | 12 | 2524.9 | 739.9 | 1943.9 | 7838.8 |
| Roots and tubers | Potato | 28 | 2864.5 | 1358.0 | 2445.0 | 5972.9 |
| | Swede | 7 | 1384.4 | 829.0 | 1378.8 | 1912.2 |
| | Turnip | 5 | 2163.5 | 1099.0 | 2402.2 | 3504.6 |
| Squashes | Courgette | 5 | 4234.7 | 2840.9 | 4232.9 | 5925.0 |
| | Leek | 11 | 3049.8 | 1717.3 | 3118.8 | 4278.0 |
| Various | Onion | 10 | 1984.4 | 1287.2 | 1885.4 | 3087.9 |
| | Rhubarb | 4 | 1757.4 | 1396.0 | 1748.5 | 2136.5 |
| | Tomato | 7 | 1228.5 | 739.6 | 1176.3 | 1697.8 |
| Fruit | Apple | 6 | 790.6 | 230.0 | 487.9 | 1649.9 |
| | Currants | 5 | 2917.3 | 2325.1 | 3011.2 | 3462.9 |
| | Gooseberries | 5 | 1880.6 | 962.9 | 2149.3 | 2662.3 |
| | Raspberries | 5 | 4658.7 | 1639.8 | 2793.2 | 11040.4 |
| | Strawberries | 7 | 1160.7 | 898.5 | 1232.5 | 1387.0 |

1.3.4 Relationship between soil element concentrations and total element concentrations in fruit and vegetables

A total of 174 produce samples (as well as 56 alternative preparations) were analysed along with corresponding soil samples. The total cadmium, copper, lead, and zinc concentration determined for the soil CRM (NCS ZC73007) is presented in Table 10. The recovery for copper, zinc, and lead was below that of the certified value, while the recovery of cadmium was above the certified value. The data has not been corrected for these variations in recovery.

All the soil cadmium, copper, lead, and zinc values and associated produce total element concentrations are presented in appendix Table E (fresh weight) and F (dry weight).

Table 10. Certified and determined value for the soil CRM.

| Element | Certified value ($\mu\text{g/g}$) | Determined value (mean \pm s.e.m; $\mu\text{g/g}$) | Recovery (%) |
|---------|-------------------------------------|---|--------------|
| Cu | 32 \pm 2 | 26.7 \pm 0.3 | 83.5 |
| Zn | 100 \pm 8 | 79.4 \pm 1.4 | 79.4 |
| Cd | 0.25 \pm 0.02 | 0.34 \pm 0.05 | 135.2 |
| Pb | 61 \pm 2 | 44.4 \pm 1.7 | 72.7 |

The LOD was determined for each independent analytical run. The highest LOD was 2.9 $\mu\text{g/g}$ for Cu, 4.4 $\mu\text{g/g}$ for Zn, 0.06 $\mu\text{g/g}$ for Cd and 1.1 $\mu\text{g/g}$ for Pb. For all the elements no soil samples had values lower than the limit of detection. The LOD was calculated from the element concentration of sample blanks. The average concentration for the blanks was calculated and three times the standard deviation added to this value; this value was then multiplied by the average dilution factor of the samples to give a value in $\mu\text{g/g}$.

Regarding issues of LOD and CRM recoveries, refer to section 1.3.1. where these are outlined, and are equally relevant to the soils data presented in this section.

Correlations between produce cadmium concentration and soil cadmium concentration (Figure 13 A-G) identified a single significant positive correlation between cabbage total cadmium and soil cadmium ($P<0.001$, $r= 0.658$, $n= 25$). No correlation between soil cadmium and soft fruit cadmium content could be performed as all the soft fruit cadmium concentrations are below the LOD. Two significant positive correlations were identified between produce copper concentration and soil copper concentration (Figure 14 A-H). Both the copper concentration in peeled potatoes ($P=0.033$, $r = 0.419$, $n= 26$) and peeled root vegetables ($P=0.032$, $r = 0.479$, $n= 19$) correlated with soil copper concentration. For lead produce concentration the root vegetables both unpeeled ($P<0.001$, $r = 0.743$, $n= 19$) and peeled ($P<0.001$, $r = 0.93$, $n= 19$) correlated with soil lead

concentration (Figure 15), however, both of these correlations are dominated by a single point. No correlation between soil lead and soft fruit lead content could be performed as all the soft fruit cadmium concentrations are below the LOD. For zinc (Figure 16), two positive correlations were observed between produce concentration and soil concentration: peeled root vegetables ($P=0.01$, $r=0.562$, $n=19$) and cabbage ($P=0.027$, $r=0.442$, $n=25$).

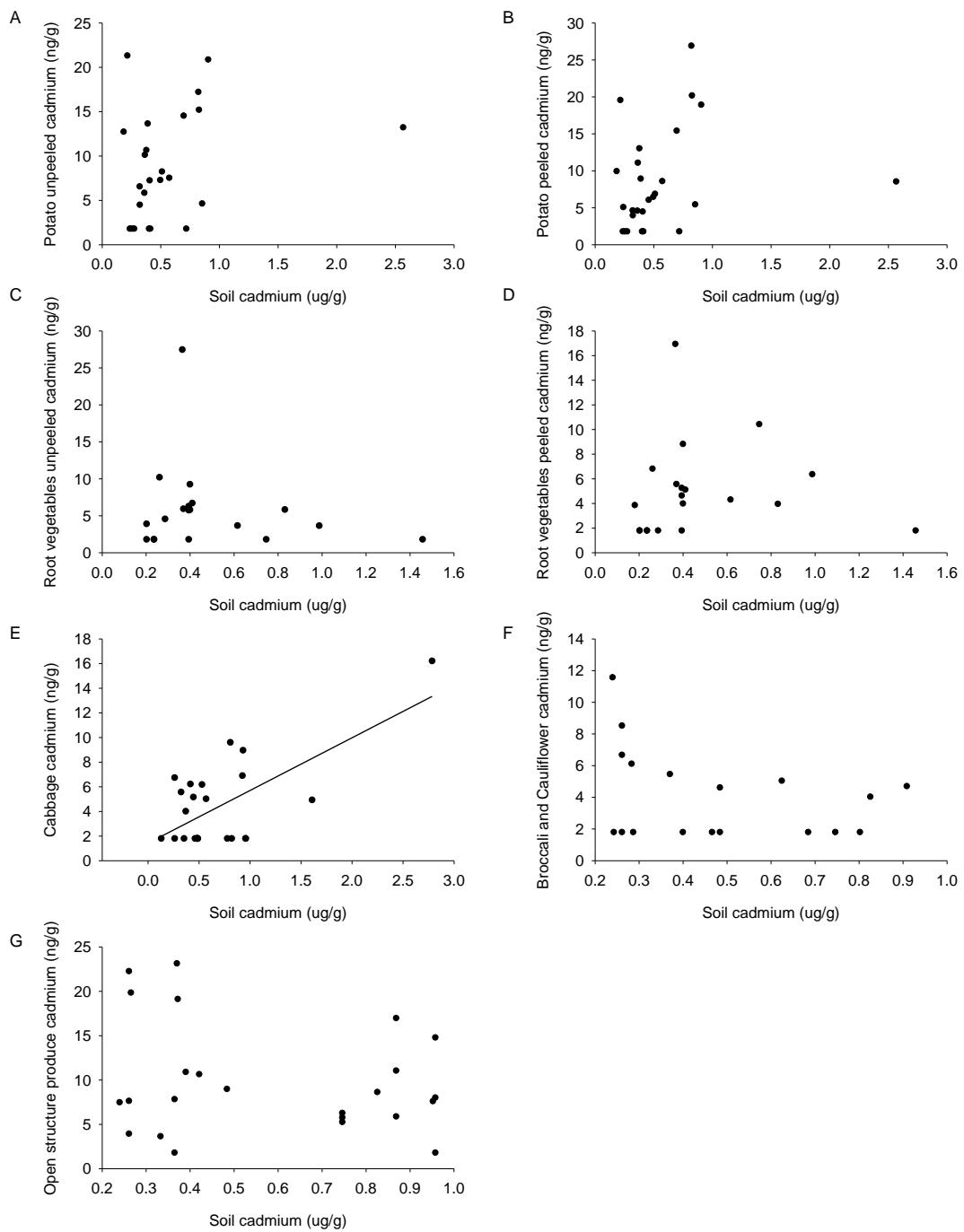


Figure 13. Relationship between produce cadmium concentration and soil cadmium. (A) unpeeled potatoes, (B) peeled potatoes, (C) unpeeled root vegetables, (D) peeled root vegetables, (E) cabbage, (F) cauliflower and broccoli, (G) open structure produce.

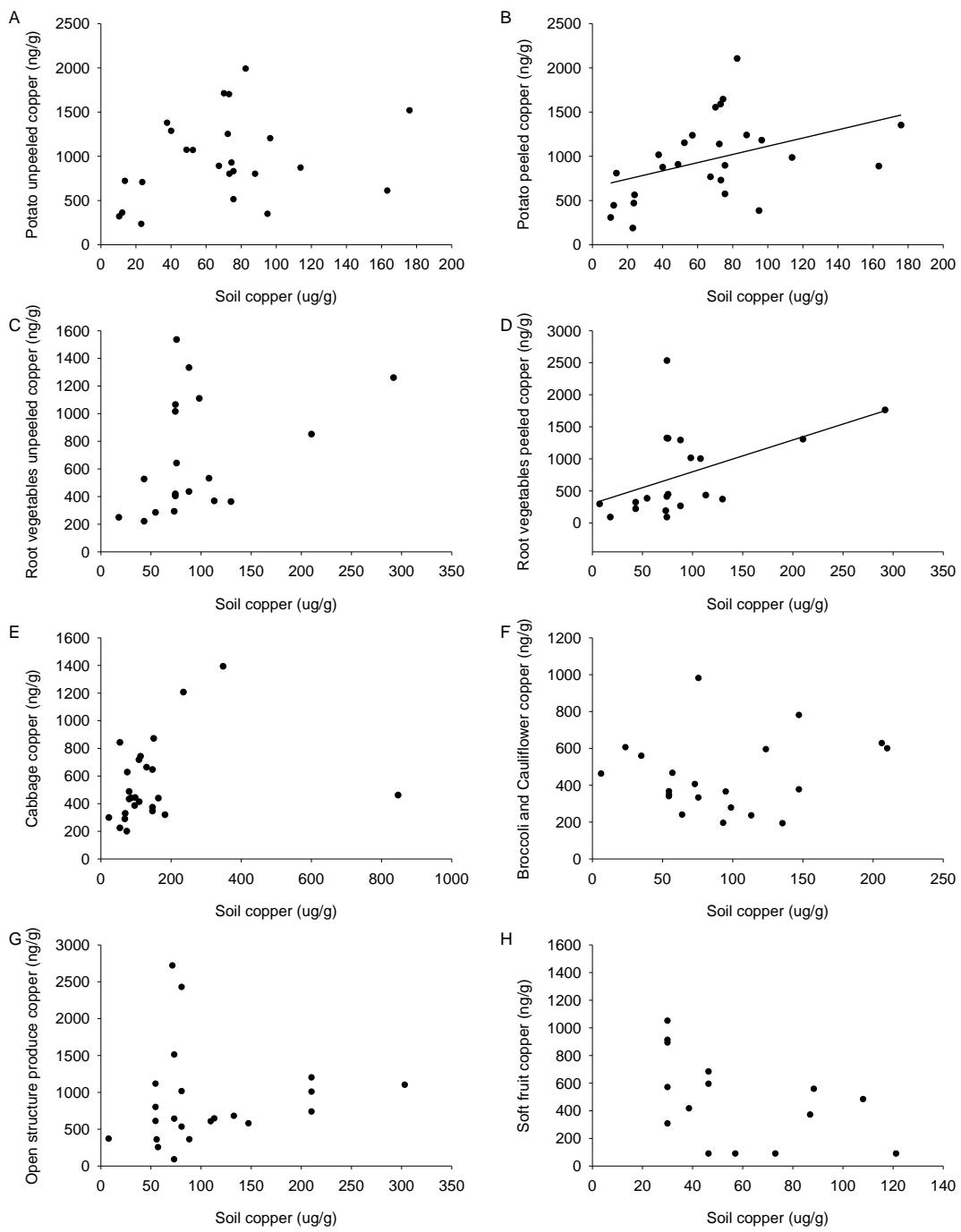


Figure 14. Relationship between produce copper concentration and soil copper.
(A) unpeeled potatoes, **(B)** peeled potatoes, **(C)** unpeeled root vegetables, **(D)** peeled root vegetables, **(E)** cabbage, **(F)** cauliflower and broccoli, **(G)** open structure produce, **(H)** soft fruit.

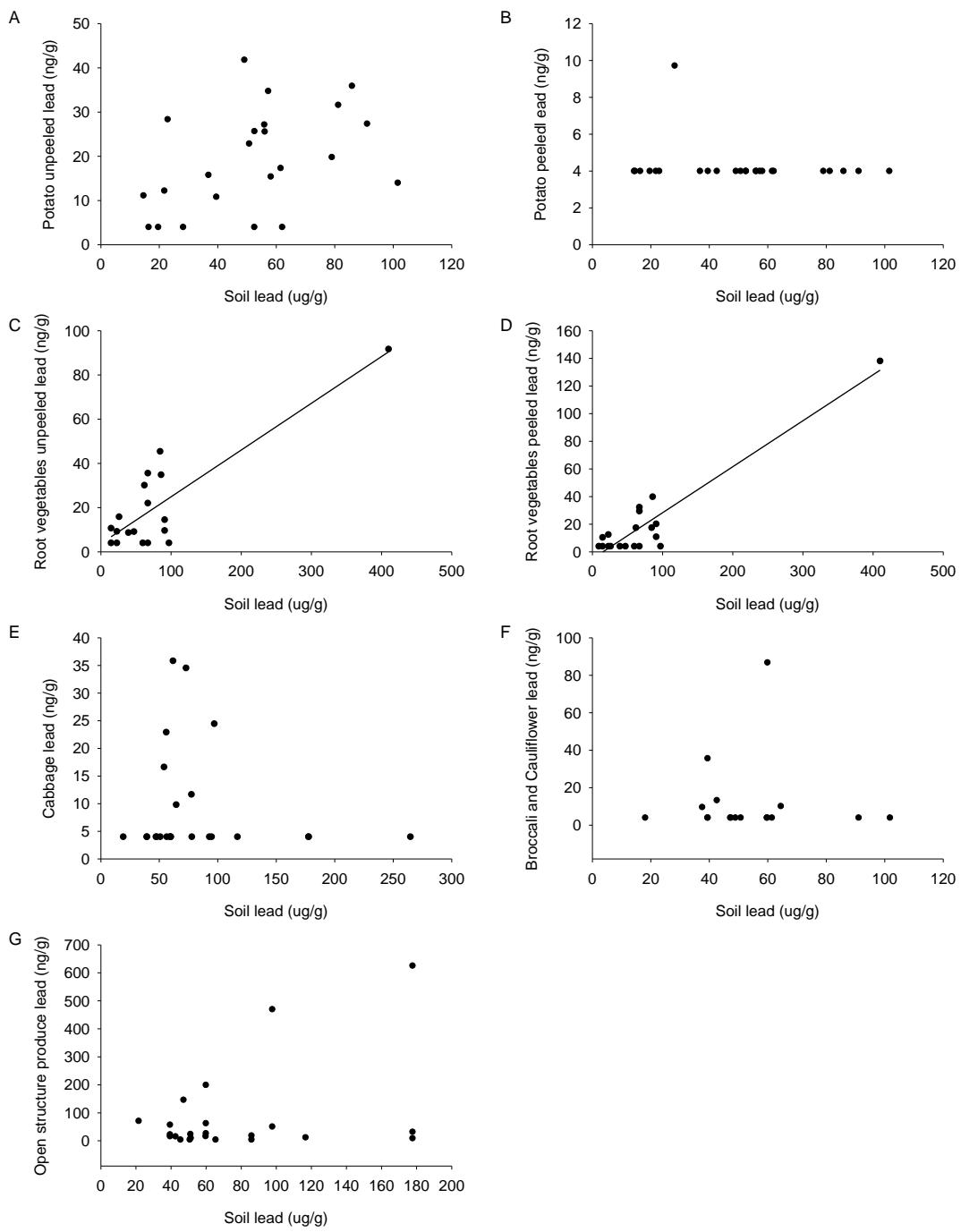


Figure 15. Relationship between produce lead concentration and soil lead. (A) unpeeled potatoes, (B) peeled potatoes, (C) unpeeled root vegetables, (D) peeled root vegetables, (E) cabbage, (F) cauliflower and broccoli, (G) open structure produce.

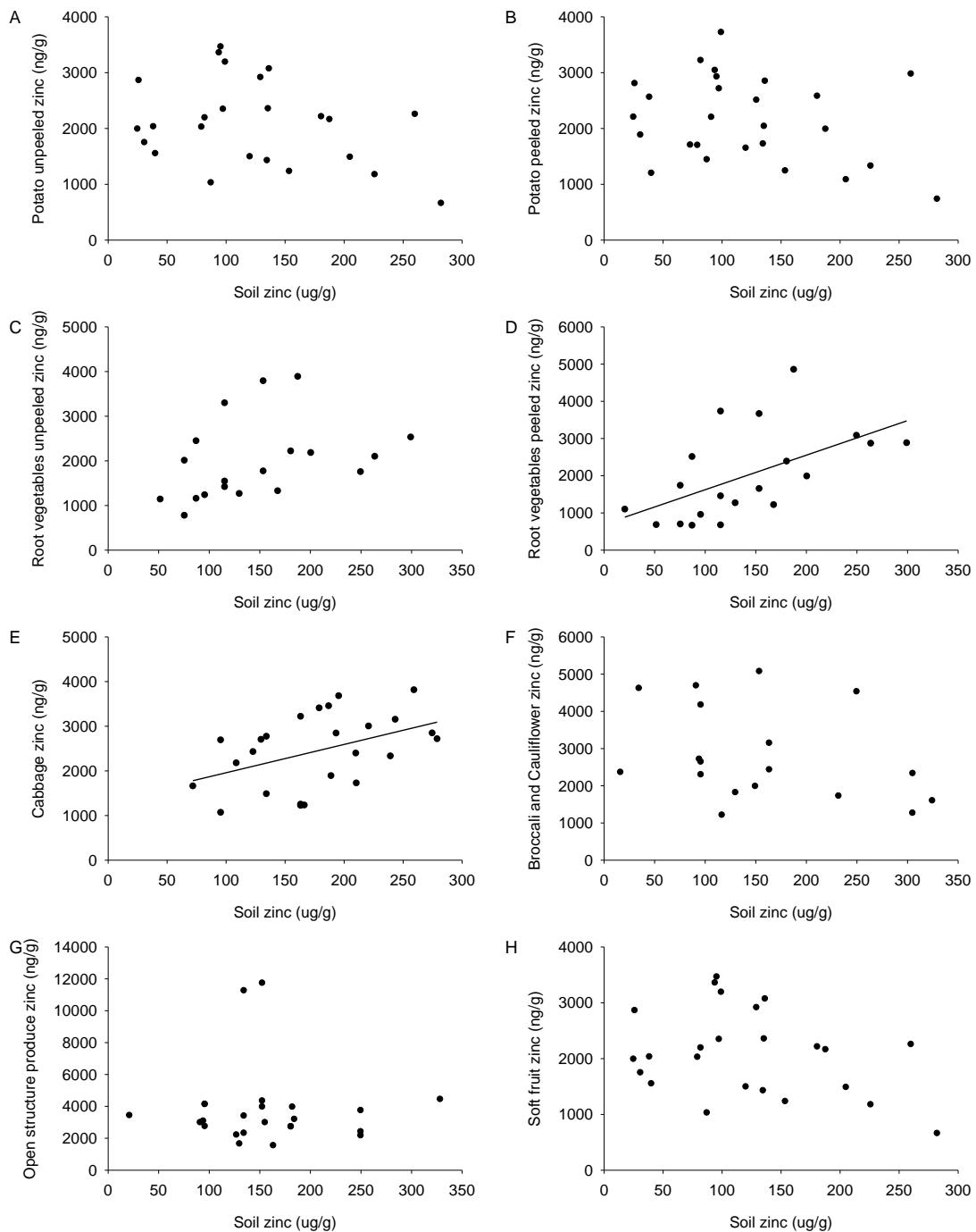


Figure 16. Relationship between produce zinc concentration and soil zinc. (A) unpeeled potatoes, (B) peeled potatoes, (C) unpeeled root vegetables, (D) peeled root vegetables, (E) cabbage, (F) cauliflower and broccoli, (G) open structure produce, (H) soft fruit.

1.4 Summary of findings from surveys

In general the produce from the SW basket survey had equivalent concentrations of total cadmium compared to the produce from the NE basket survey. The produce with the highest concentrations of total cadmium are loosely classed into open leaf structure vegetables, i.e. those produce which have a large surface area in relation to mass. Out of all the produce analysed only two samples (for the produce as normally prepared) exceeded the ML (Scoop, 2004) for any of the produce classes. When comparing the different preparation methods only potatoes and swedes had lower cadmium concentrations in the peeled produce compared to the unpeeled produce. There are no strong relationships between soil cadmium and produce cadmium concentration. The only correlation is between soil cadmium and cabbage cadmium concentration, however a single point drove this correlation. The copper concentrations in the samples collected from the SW survey are in general slightly higher than the copper concentrations in the NE survey. For the peeled vs. unpeeled comparison only carrots and swedes had lower copper in the peeled produce compared to the unpeeled produce. For peeled potatoes and peeled root vegetables there were significant correlations between the produce copper concentration and the soil copper concentration. Lead concentrations were in a similar range for the SW and NE survey, and in both cases there were a number of samples that were above the EU ML (Scoop, 2004). Both potatoes and swedes had a higher concentration of lead in unpeeled produce compared to peeled produce. There is a correlation between lead in root vegetables (both peeled and unpeeled) and soil lead, however, these correlations are dominated by a single point. For zinc the range of the concentrations is similar in both the SW and NE surveys. Only courgettes had significantly more zinc in the unpeeled produce compared to the peeled produce, and there were correlations only between peeled root vegetable zinc and soil zinc, as well as cabbage zinc concentration and soil zinc concentration.

2 Baked potato skins and total cadmium, copper, lead, and zinc

2.1 Sample selection and analytical materials and methods

From the third SW surveys (both field and basket) 20 potato samples were selected for the determination of total cadmium, copper, lead, and zinc in the skin and flesh of baked potatoes. If possible the potatoes were classified as floury or waxy based on the information from the seller or farmer. For each sample three potatoes were washed as described in section 1, and then baked at 180°C for 90 minutes. After the potatoes had cooled down the flesh was scooped out of the skins. The samples were then processed as described in section 1. Analysis of total cadmium, copper, lead, and zinc was conducted using ICP-MS as described in section 1. Statistical analysis was performed using either paired t-tests to test for significance between skin and flesh total cadmium, copper, lead, and zinc, one-way ANOVA to determine differences between floury and waxy potatoes, or correlation analysis to identify relationships between total cadmium, copper, lead, and zinc in the skin and flesh of potatoes.

2.2 Results

There was significantly ($P<0.001$) more total cadmium, copper, lead, and zinc in the skins of the baked potatoes compared to the flesh (Figure 17). On average the concentration of total cadmium in the potato skins was 23.7 ng/g compared to 8.3 ng/g in the flesh, and for copper the concentration in the skins was 3034 ng/g compared to 1236 ng/g in the flesh. On average the concentration of total lead in the potato skins was 162.7 ng/g, while in the flesh all values were below the limit of detection of 8 ng/g. For zinc the concentration in the skins was 5617 ng/g compared to 3282 ng/g in the flesh.

There are significant positive ($P<0.001$, $n=20$) correlations for cadmium ($r=0.834$), copper (0.819), and zinc ($r=0.707$) between the paired skin and flesh samples (Figure 18). No correlation could be performed for lead concentration as all the flesh values are below the LOD.

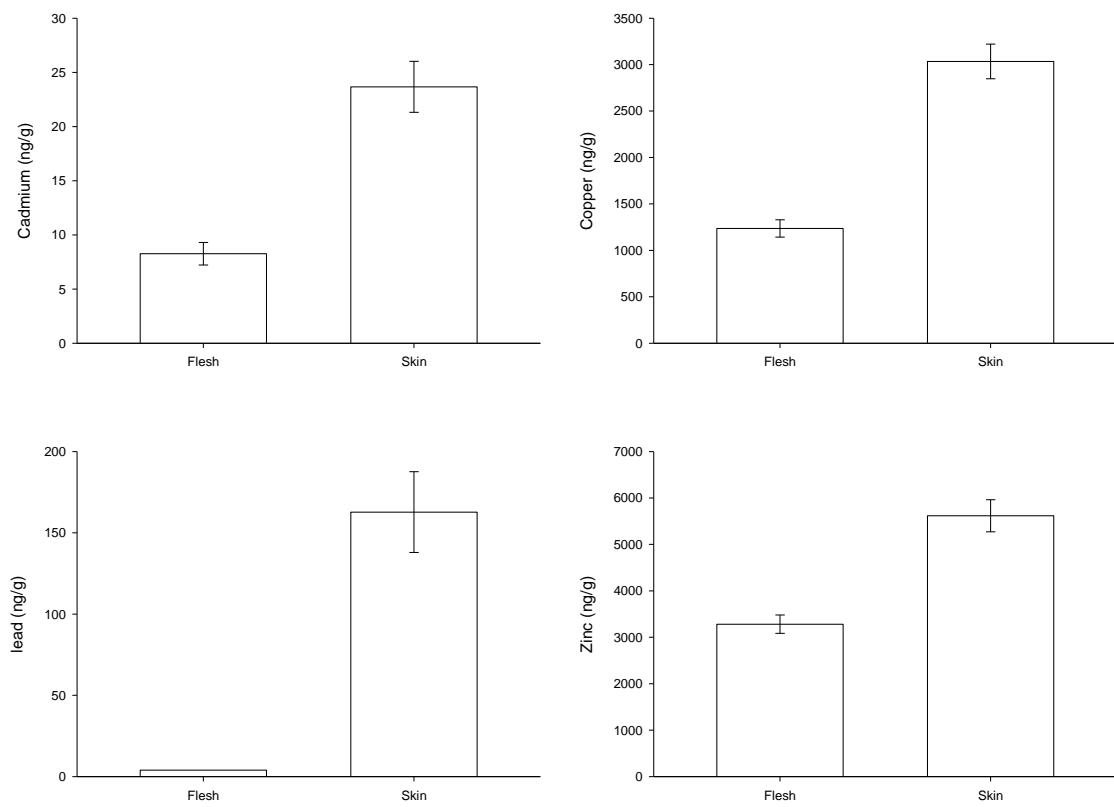


Figure17. Total cadmium, copper, lead, and zinc concentration in the flesh and skin of baked potatoes.

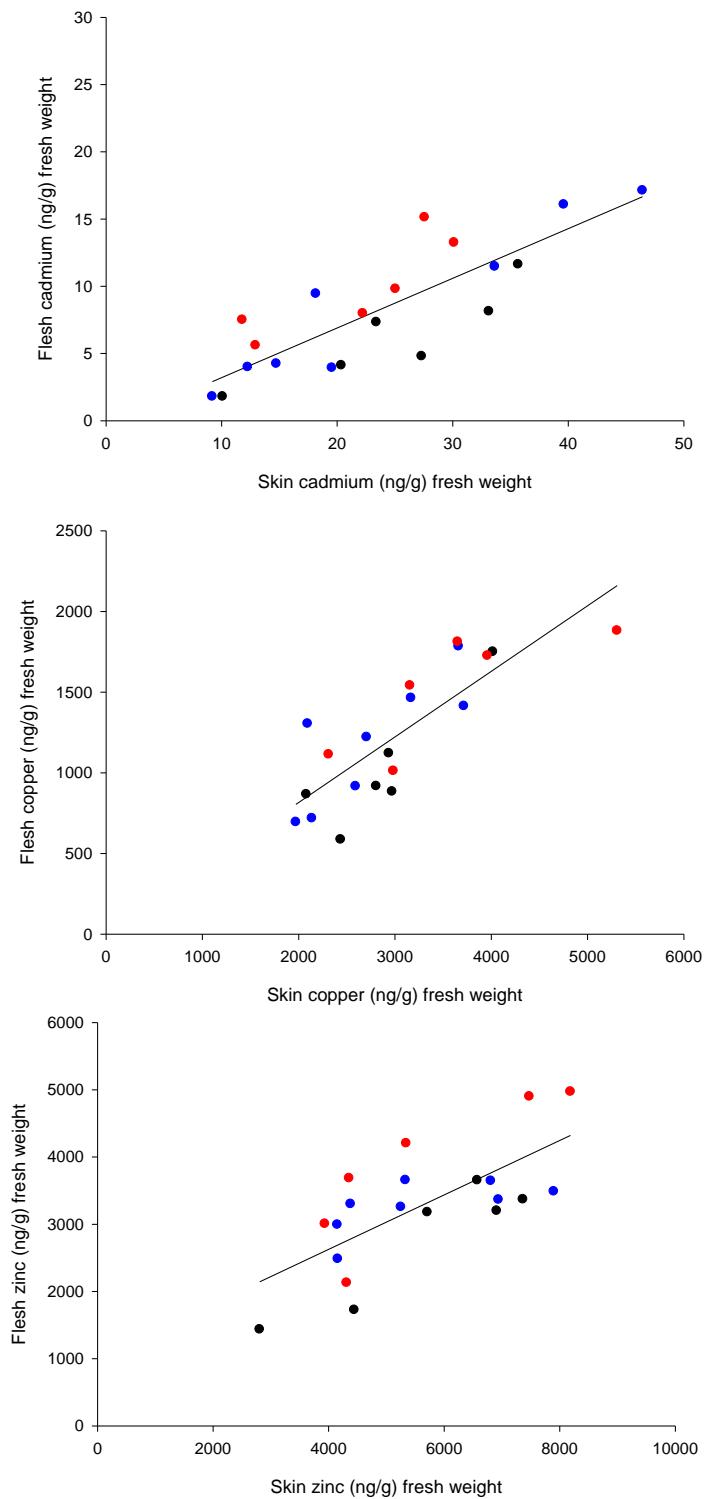


Figure 18. Relationship between total cadmium, copper, and zinc concentration in the flesh and skin of baked potatoes; blue symbols are floury potatoes, red symbols are waxy potatoes, and black symbols are unknown type potatoes.

2.3 Conclusions and discussion of findings of total cadmium, copper, lead, and zinc in baked potato skins

The analysis clearly demonstrates that for baked potatoes the concentration of total cadmium, copper, lead, and zinc in the skin is greater than that of the flesh. In the case of lead this difference is very great as all the flesh samples were below the LOD, and in the skin the lead concentration was on average 163 ng/g which is above the EU ML for lead in potatoes of 100 ng/g (Scoop, 2004).

3 Localization of cadmium and lead in root vegetables/tubers using laser ablation-ICP-MS

The aim of this study was to map total cadmium and lead along skin to centre transects in a subset of the fruits and vegetables from the basket and produce survey using Laser Ablation - Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS).

3.1 Material and methods

3.1.1 Sampling

The vegetables and fruits used for this study were collected from SW England during the fourth sampling campaign for the basket and product survey, as well as Aberdeen produce sampled during the month of September 2011. The produce chosen were apples, beetroots, carrots, parsnips, and potatoes, and each sample contained at least 3 items. See Table 12 for produce detailing total cadmium and lead concentrations. After sampling, all produce was stored fresh at 5°C for up to 1 week.

3.1.2 Sample preparation

All the produce was thoroughly washed with tap water, as per typical food preparation. Samples were then diced (~1 cm³) and 3 skin-containing dice samples were randomly chosen per item. The cubes were then flash frozen using liquid nitrogen (-192°C) and stored frozen at -20°C until sectioning.

Sections were prepared from each batch at -15°C using a cryostat (Model OTF including microtome 5030, Bright). A random cube from each batch was chosen for sectioning; the cube was mounted on a sample holder and fixed on it using Tissue-Tek O.C.T. paste (Sakura Finetek Europe). The microtome used prepared thin-sections of up to 35µm depth. The slices were thaw-mounted onto microscope slides and allowed to air-dry at room temperature, and subsequently stored frozen at -20°C until the day of analysis.

3.1.3 Laser Ablation - Inductively Coupled Plasma analysis (LA-ICP-MS)

The LA system used in this study was a New Wave model UP-213. Each sample analysed by LA-ICP-MS required different laser settings. Optimal parameters for analysis of vegetables and fruits are reported in Table 11. Also, 3 ablation lines were performed for each section and the data averaged for linear plots. The ablation always started at least 200 µm outside the sample, on the skin side.

Table 11: LA system parameters

| Parameters | Settings |
|------------------------------|----------|
| Power | 30% |
| Frequency | 10Hz |
| Speed | 20µm/sec |
| Beam diameter | 100µm |
| Length of ablation / number | 4mm / 4 |
| Space between ablation lines | 300µm |

3.1.4 ICP-MS

The ICP-MS (Agilent Technologies, model 7500c) monitored masses (m/z) carbon (13), sulphur (34), silicon (29), selenium (77), cadmium (112), and lead (208). Silicon was monitored in order to make sure that only the sample, and not the microscope slide, was ablated by the laser. Carbon and sulphur were used to verify that the thickness of the ablation was relatively constant.

3.1.5 Total cadmium and lead analysis by ICP-MS

Because the structure of each sample will determine (density and porosity) how much of it is ablated, LA-ICP-MS cannot be used for quantitative analysis. For quantitative comparison, subsampled cubes, i.e. those also used to prepare the slides, were oven-dried and digested by microwave according to the method used throughout the survey. Dry and fresh weights were determined. A subset of the samples was also digested with and without skin. All the results in the report are in fresh weight and are reported in Table 12.

Table 12. Samples selected for LA. Total cadmium and lead concentrations as determined by sampling whole produce.

| | Laser code | Produce | Sample | Shop Type | Skin | Fresh Weight (µg/kg) | |
|-----------|------------|-------------------|--------|-----------|--------------------|----------------------|--------------|
| | | | | | | Cd | Pb |
| Potatoes | 1 | Potato Maris Peer | P3-21 | FS | Unpeeled Peeled | n/a n/a | n/a n/a |
| | 3 | Potato Maris Peer | B3-17 | GG | Unpeeled Peeled | 4.4 3.3 | <LOD <LOD |
| | 10 | Potato Salad/mild | B3-61 | GG | Unpeeled Peeled | 6.7 5.5 | <LOD <LOD |
| | 11 | Potato Salad/mild | B3-70 | GG | Unpeeled Peeled | 4.2 3.7 | <LOD <LOD |
| | 12 | Potato Salad/mild | B3-111 | GG | Unpeeled Peeled | 7.1 6.6 | <LOD <LOD |
| | 16 | Potato Maris Peer | B3-28 | FM | Unpeeled Peeled | 12.4 15.9 | 27 <LOD |
| Carrots | 4 | Carrots | P3-17 | FS | Unpeeled Peeled | n/a n/a | n/a n/a |
| | 5 | Carrots | B3-11 | FS | Unpeeled Peeled | 27.6 19.6 | 23.7 32 |
| | 17 | Carrots | B3-30 | FS | Unpeeled Peeled | 26.6 19.3 | 35 27.1 |
| | 20 | Carrots | L20 | | Unpeeled Peeled | 7.8 n/a | 50 n/a |
| | 21 | Carrots | L21 | | Unpeeled Peeled | 16.8 n/a | 70.8 n/a |
| | 24 | Carrots | L24 | | Unpeeled Peeled | 23.9 n/a | 69.8 n/a |
| Beetroots | 7 | Beetroots | P3-19 | FS | Unpeeled Peeled | n/a n/a | n/a n/a |
| | 8 | Beetroots | B3-13 | FS | Unpeeled Peeled | 19.6 16.1 | 52.3 16.5 |
| | 18 | Beetroots | B3-94 | FM | Unpeeled Peeled | 17.8 15.1 | 15 7.1 |
| | 27 | Beetroots | L27 | | Unpeeled Peeled | 17.5 n/a | 41.4 n/a |
| | | | | | | | |
| Parsnips | 13 | Parsnips | B3-82 | GG | Unpeeled Peeled | 12.5 9.1 | 7 19.7 |
| | 14 | Parsnips | B3-107 | GG | Unpeeled Peeled | 30 32.4 | 16.1 21.8 |
| | 15 | Parsnips | B3-129 | FS | Unpeeled Peeled | 6.2 5.8 | 33.6 35.7 |
| | 22 | Parsnips | L22 | | Unpeeled Peeled | 15.7 n/a | 81.2 n/a |
| | 23 | Parsnips | L23 | | Unpeeled Peeled | 3 n/a | 58.2 n/a |
| Apples | 152 | Apple | B3-153 | FS | Unpeeled | <LOD | <LOD |

| | | | | | |
|-----|-------|--------|--------|----------|------|
| | | | Peeled | <LOD | <LOD |
| 154 | Apple | B3-155 | FS | Unpeeled | <LOD |
| | | | | Peeled | <LOD |
| 156 | Apple | B3-157 | FS | Unpeeled | <LOD |
| | | | | Peeled | <LOD |
| 26 | Apple | L26 | FS | Unpeeled | 9.4 |
| | | | | Peeled | n/a |
| | | | | | n/a |

3.2 Cadmium (Cd) and lead (Pb) analysis

3.2.1 Apple

Cadmium and lead are not elevated in either the flesh or skin of apples (Figure 19). One exception is sample 154 that contains high lead in the skin.

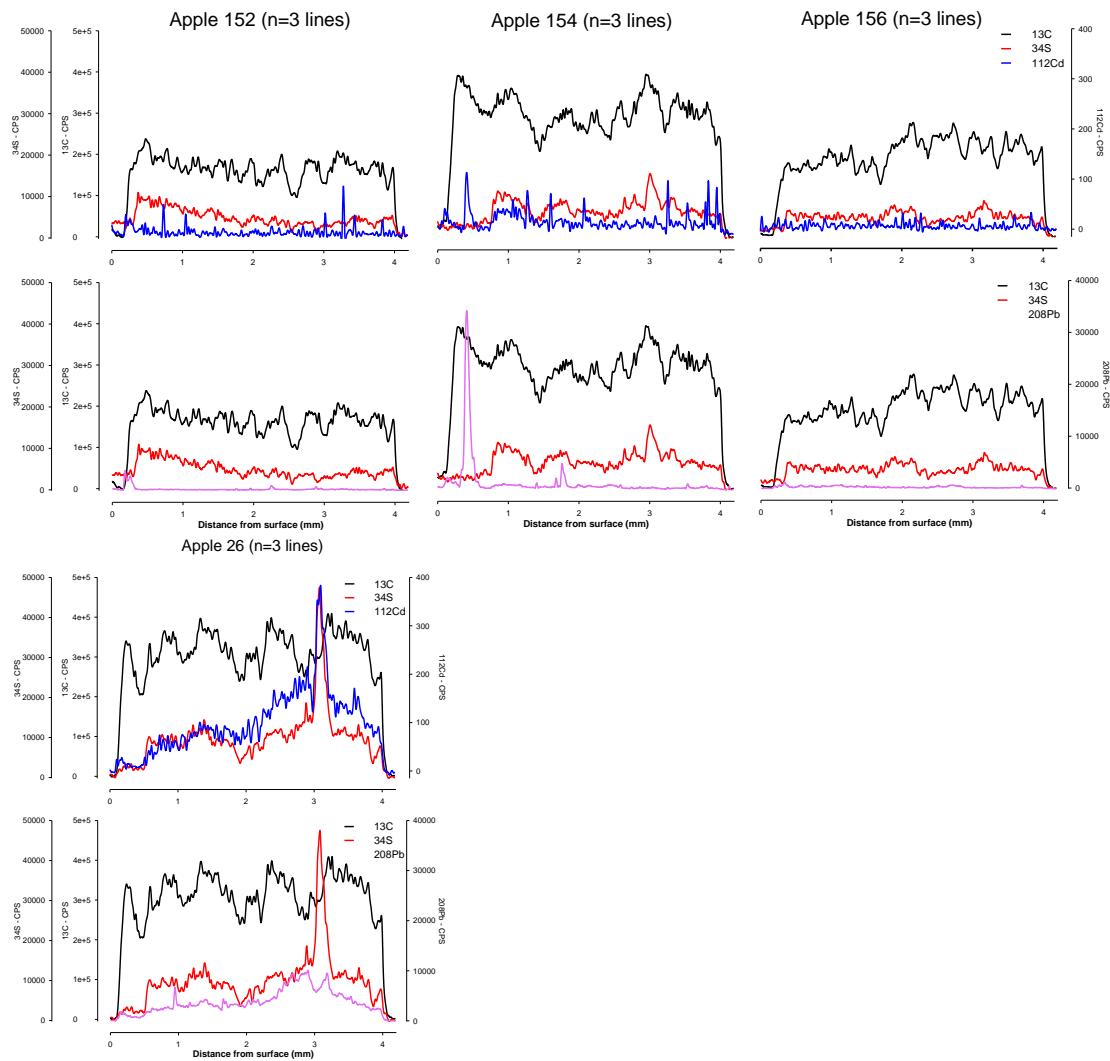


Figure 19. LA traces for apple

3.2.2 Beetroot

Beetroot 7 contains constant levels of either cadmium or lead throughout the sample; the other three samples have a peak in the skin area (Figure 20). The peaks cover a depth of 400 to 800 μ m inside the skin for both elements, showing that cadmium and lead are present inside the skin and not on its surface for these two samples.

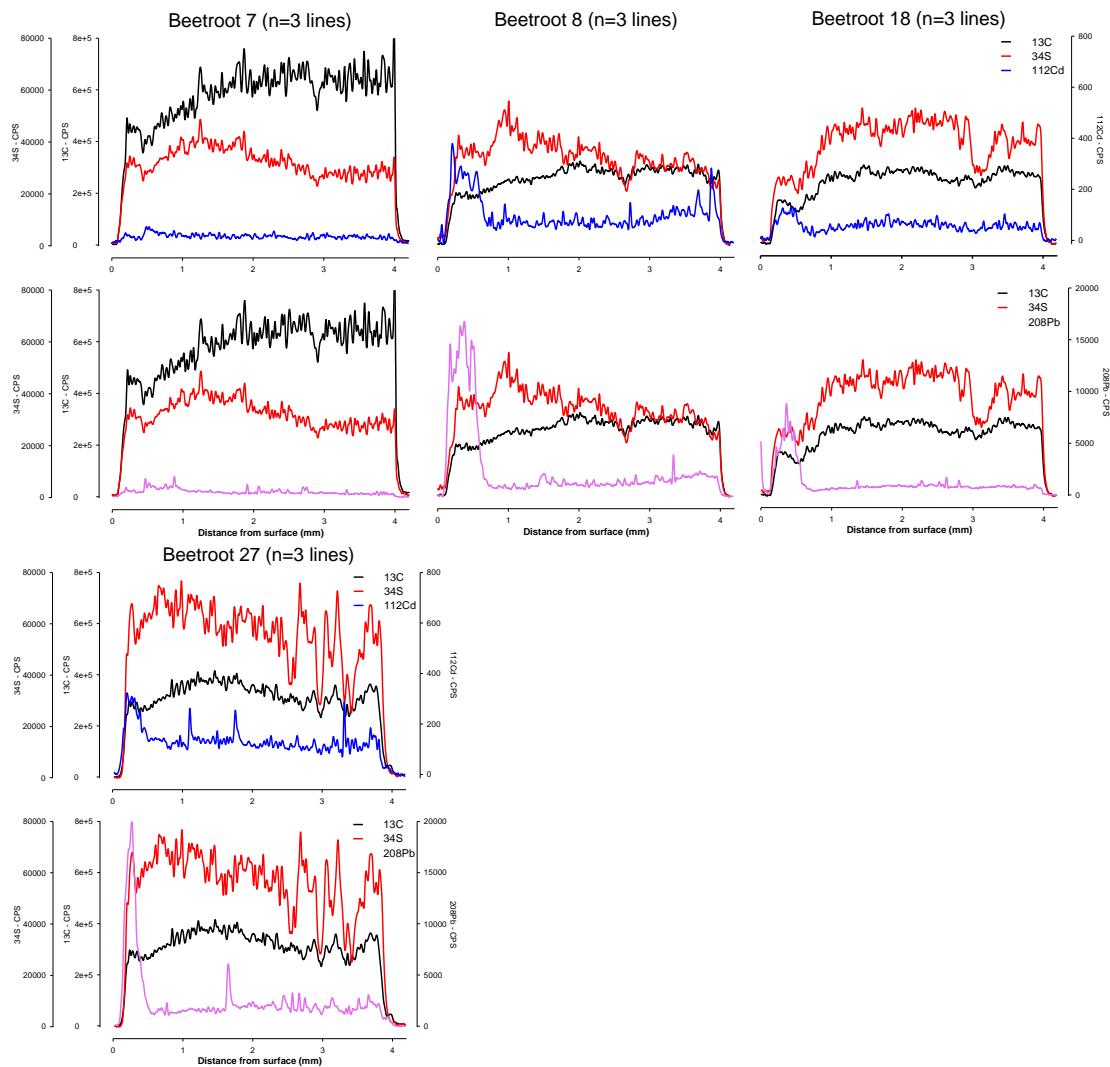


Figure 20. LA traces for beetroot

3.2.3 Carrot

Two of the three samples collected in SW England (4 & 5) do not have a peak for either cadmium or lead (Figure 21). The third one, 17, shows a peak for both elements on the skin but the levels in the flesh are also high. Samples collected from the NE survey contain higher levels on the skin while the signal for the flesh

is also relatively high. The peak over the carrots' skin covers a depth of 200 to 500 μ m in average.

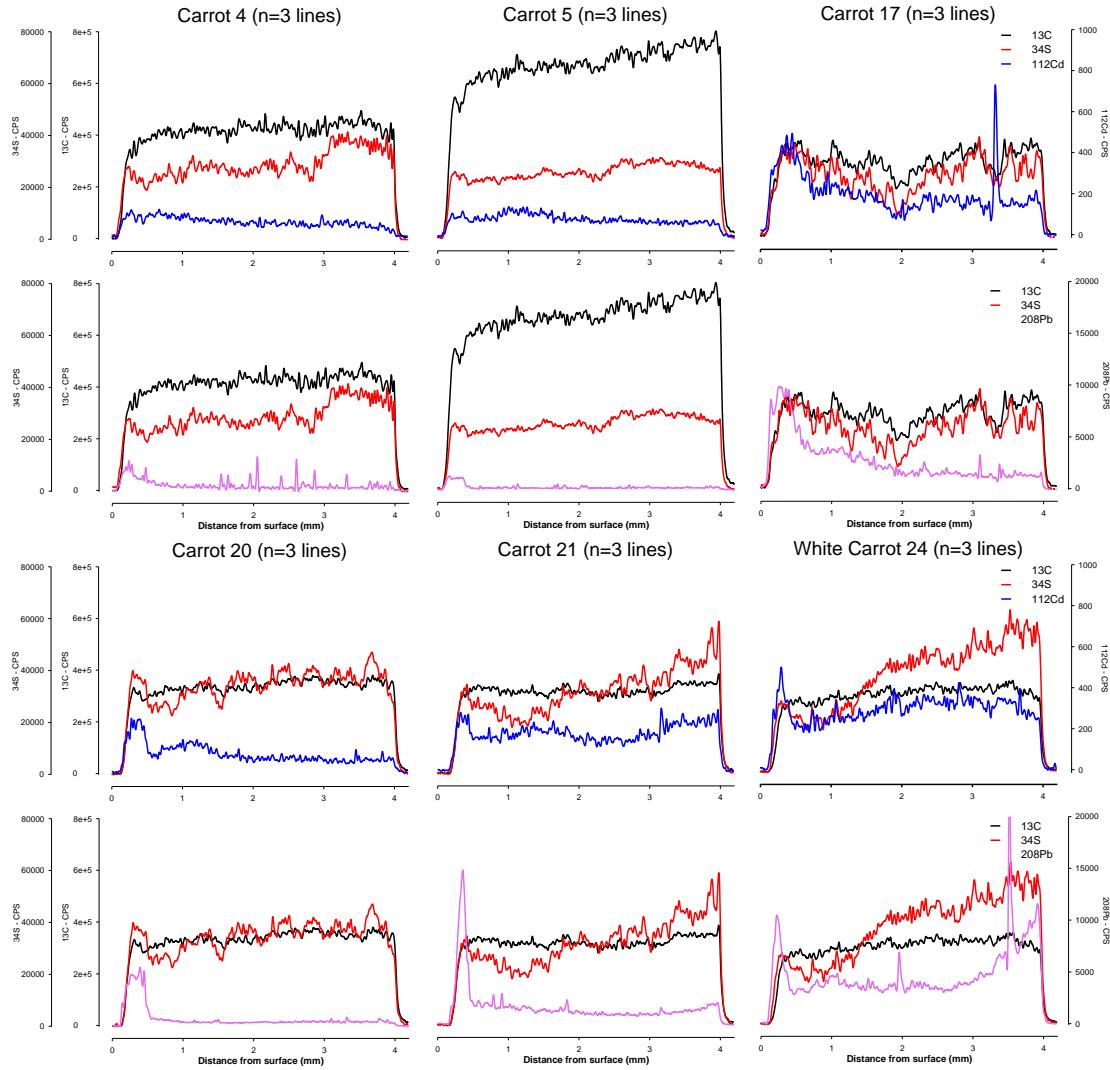


Figure 21. LA traces for carrot

3.2.4 Parsnip

Cadmium and lead levels are quite evenly distributed throughout the parsnips (Figure 22).

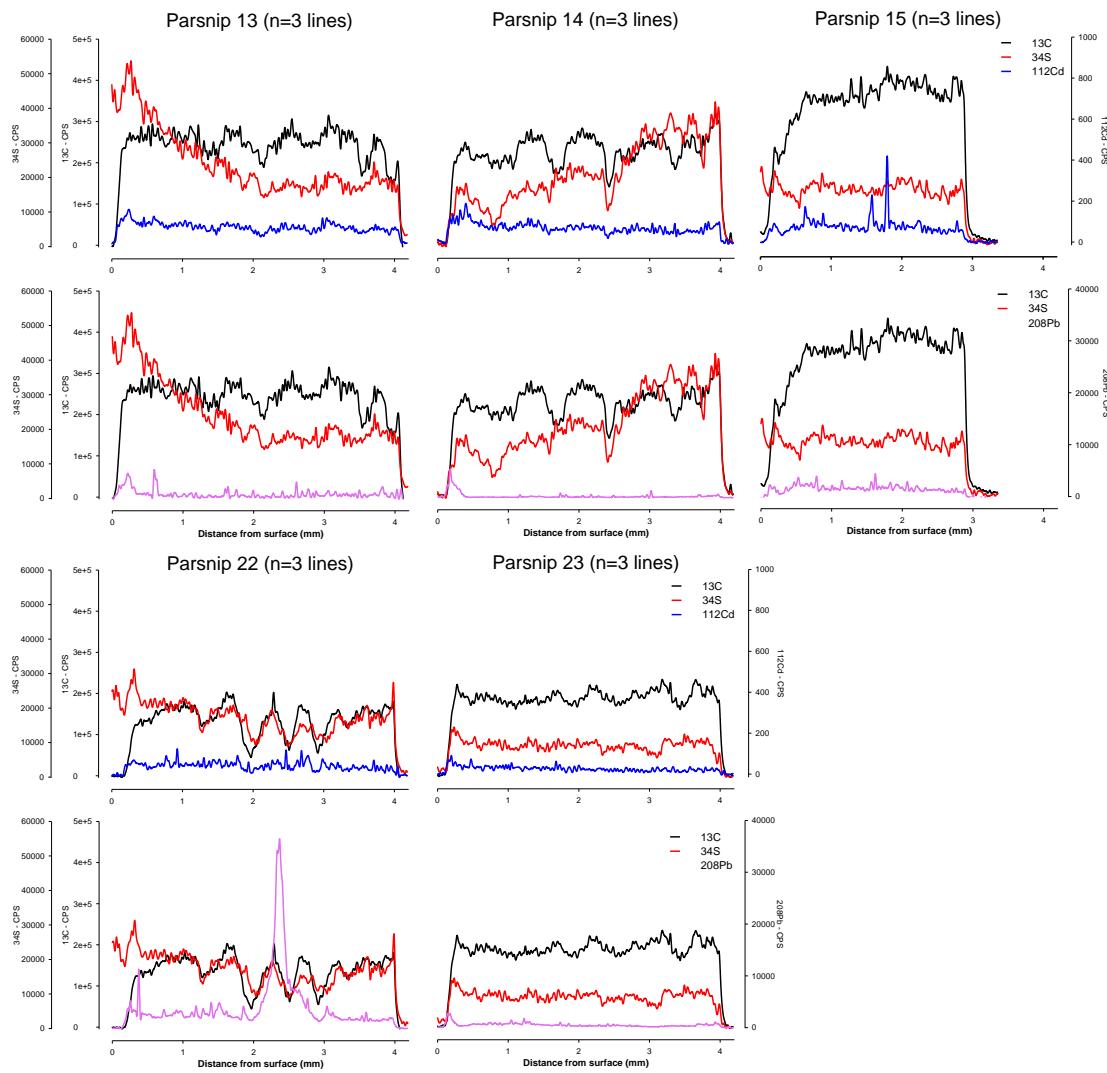


Figure 22. LA traces for parsnip

3.2.5 Potato

All samples analysed contain higher amounts of lead in the skin than in the flesh. Most samples contain higher cadmium levels in the skin than in the flesh (Figure 23). The peaks cover a depth of 400 to 900 μ m inside the potatoes.

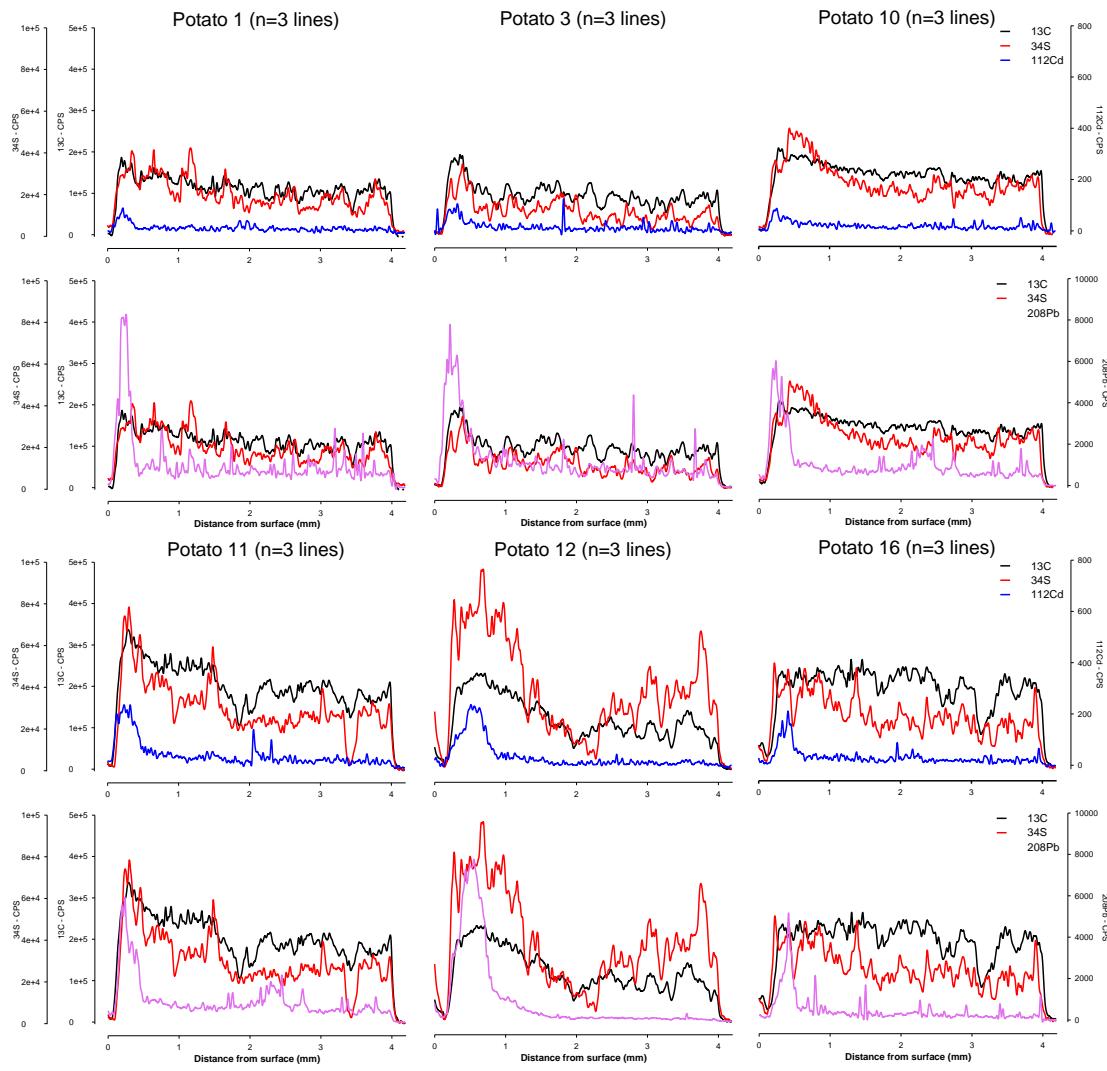


Figure 23. LA traces for potato

3.3 Conclusions

Cadmium and lead were consistently found in the skin of beetroot, carrots, and potatoes.

4 General conclusions and suggestions for future research

General conclusions:

- For the market basket survey, in general the produce from the SW basket survey had equivalent concentrations of total cadmium, lead, and zinc compared to the produce from the NE basket survey. In the SW survey the copper concentrations were generally slightly higher than in the NE survey.
- Out of all the produce analysed only two samples (for the produce as normally prepared) exceeded the cadmium CEC ML for their produce class.
- In both the SW and NE surveys a number of samples were above the CEC ML for lead and cadmium concentrations.
- There was significantly more total cadmium, copper, lead, and zinc in the skins of baked potatoes compared to the flesh.
- Laser Ablation - Inductively Coupled Plasma - Mass Spectrometry (LA-ICP-MS) indicated that total cadmium and lead is elevated in the skin of most beetroot, carrots, and potatoes.

Future work:

- The samples analysed in this study were originally selected as the produce was potentially growing on arsenic elevated soils. A more in-depth study for both cadmium and lead could be performed in areas where soil cadmium and lead is likely to be elevated, therefore assessing the maximum concentration of these elements in produce in a UK context.
- Laser ablation showed itself to be a powerful technique in assessing where contaminants were located in produce, greatly informing food preparation advice. Wider laser-ablation surveys, especially in crops elevated in cadmium and lead, would further elucidate the nature of food-chain contamination by these elements.

5 References

Reports on tasks for scientific cooperation (Scoop 3.2.11). 2004. Assessment of the dietary exposure to arsenic, cadmium, lead and mercury of the population of the EU Member States.

C. A. Weeks, S. N. Brown, I. Vazquez, K. Thomas, M. Baxter, P. D. Warriss & T. G. Knowles (2007): Multi-element survey of allotment produce and soil in the UK, Food Additives and Contaminants, 24:8, 877-885

6 Appendix

Table A. Total cadmium, copper, lead and zinc concentration in all samples survey in the SW basket survey. Element concentrations are given as ng/g fresh weight. Shop types HB = honesty box; FS = farm shop; GC = garden centre; GG = greengrocers; FM = farmers market; MS = market stall. Note that when no preparation method is given that the food item concerned does not usually have an alternative preparation.

| Survey code | Survey sample | Produce | Type shop | Preparation method | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g | Alternative preparation | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g |
|-------------|---------------|-------------------|-----------|--------------------|---------|---------|---------|---------|-------------------------|---------|---------|---------|---------|
| B1 | 12 | APPLES | HB | Unpeeled | <LOD | 910.8 | <LOD | <LOD | Peeled | <LOD | 3927.2 | <LOD | 419.8 |
| B1 | 13 | APPLES | FS | Unpeeled | <LOD | 1014.9 | <LOD | 144.5 | Peeled | <LOD | 996 | <LOD | 202.4 |
| B1 | 14 | APPLES | FS | Unpeeled | <LOD | 641.1 | <LOD | <LOD | Peeled | <LOD | 757.5 | <LOD | <LOD |
| B1 | 15 | APPLES | CS | Unpeeled | <LOD | 1027.2 | <LOD | <LOD | Peeled | <LOD | 1268.3 | <LOD | <LOD |
| B1 | 16 | APPLES | FS | Unpeeled | <LOD | 709.9 | <LOD | 165.1 | Peeled | <LOD | 1106.8 | <LOD | 185.1 |
| B1 | 17 | APPLES | GG | Unpeeled | <LOD | 505.9 | 322.3 | 200.8 | Peeled | <LOD | 1628.3 | <LOD | <LOD |
| B1 | 18 | APPLES | FS | Unpeeled | <LOD | 751.7 | <LOD | 186 | Peeled | <LOD | 779.7 | <LOD | 195.7 |
| B1 | 19 | APPLES | FS | Unpeeled | <LOD | 619.8 | <LOD | <LOD | Peeled | <LOD | 908 | <LOD | 267.1 |
| B1 | 20 | APPLES | FS | Unpeeled | <LOD | 642.8 | <LOD | 253.7 | Peeled | <LOD | 384.2 | <LOD | 175.6 |
| B1 | 21 | APPLES | GG | Unpeeled | <LOD | 783.6 | <LOD | <LOD | Peeled | <LOD | 684.7 | <LOD | <LOD |
| B1 | 22 | APPLES | FS | Unpeeled | <LOD | 437 | <LOD | <LOD | Peeled | <LOD | 567.5 | <LOD | <LOD |
| B1 | 24 | AUBERGINE | FS | Unpeeled | 9.1 | 1176.9 | <LOD | 1478.4 | Peeled | 8.8 | 994.9 | <LOD | 1821.2 |
| B1 | 25 | BEETROOT | GC | Peeled | 5.8 | 1685.9 | <LOD | 2816.7 | | | | | |
| B1 | 26 | BEETROOT | FS | Peeled | 3.8 | 1049.5 | 8 | 2761.1 | Unpeeled | 5 | 921 | <LOD | 2090.4 |
| B1 | 27 | BEETROOT | FS | Peeled | <LOD | 906 | <LOD | 4883.2 | Unpeeled | <LOD | 1104 | <LOD | 4537.9 |
| B1 | 28 | BEETROOT | GG | Peeled | 11.3 | 1539.2 | 354.8 | 4236.8 | | | | | |
| B1 | 29 | BEETROOT | GG | Peeled | 14.3 | 2028.5 | <LOD | 3354.2 | Unpeeled | 15.4 | 819.4 | 8.8 | 2559.3 |
| B1 | 30 | BEETROOT | HB | Peeled | 29.9 | 593.6 | 29.1 | 12432.7 | Unpeeled | 13.7 | 1119.8 | 14.7 | 8094.3 |
| B1 | 31 | BEETROOT | FM | Peeled | 11.4 | 1371.2 | 70.7 | 4795.6 | Unpeeled | 15 | 1385.7 | 68.4 | 5221.3 |
| B1 | 37 | BRUSSEL SPROUTS | GG | | 4.7 | 455.4 | <LOD | 4028.1 | | | | | |
| B1 | 38 | BRUSSEL SPROUTS | GC | | 5.2 | 771.4 | <LOD | 2735.4 | | | | | |
| B1 | 39 | BRUSSEL SPROUTS | HB | | 4.6 | 963.4 | <LOD | 2326.9 | | | | | |
| B1 | 40 | BRUSSEL SPROUTS | FS | | <LOD | 688.8 | <LOD | 2330 | | | | | |
| B1 | 41 | BRUSSEL SPROUTS | HB | | 6.2 | 693.5 | <LOD | 2050.2 | | | | | |
| B1 | 42 | SQUASH, BUTTERNUT | GG | Peeled | <LOD | 1995.5 | <LOD | 1524.9 | Unpeeled | <LOD | 1099.5 | <LOD | 1988.9 |

| | | | | | | | | | | | | | |
|----|----|-------------------------|----|--------|------|--------|------|--------|----------|------|-------|------|--------|
| B1 | 43 | SQUASH, BUTTERNUT | FM | Peeled | <LOD | 713.3 | <LOD | 1261.5 | Unpeeled | <LOD | 701.6 | <LOD | 1028.3 |
| B1 | 46 | CABBAGE | HB | | <LOD | 830.8 | <LOD | 1792.2 | | | | | |
| B1 | 47 | CABBAGE | CS | | <LOD | 1178.4 | <LOD | 857.9 | | | | | |
| B1 | 48 | CABBAGE | GC | | 4.9 | 1876.4 | <LOD | 1458.4 | | | | | |
| B1 | 49 | CABBAGE | FS | | <LOD | 323.2 | <LOD | 1081.5 | | | | | |
| B1 | 50 | CABBAGE | FS | | 9.8 | 632.3 | <LOD | 1381 | | | | | |
| B1 | 51 | CABBAGE | FS | | <LOD | 845.3 | <LOD | 1988.8 | | | | | |
| B1 | 52 | CABBAGE | HB | | <LOD | 598.8 | <LOD | 1513.4 | | | | | |
| B1 | 53 | CABBAGE | FS | | 4.8 | 421.2 | <LOD | 1345.1 | | | | | |
| B1 | 54 | CABBAGE | HB | | 8.3 | 333.4 | <LOD | 1644.1 | | | | | |
| B1 | 55 | CABBAGE | GG | | 7 | 579.3 | <LOD | 1244.5 | | | | | |
| B1 | 56 | CABBAGE | GG | | <LOD | 776.1 | <LOD | 1664.2 | | | | | |
| B1 | 57 | CABBAGE | GG | | 21.2 | 1186.5 | <LOD | 3602.1 | | | | | |
| B1 | 58 | CABBAGE | FS | | 4.5 | 511.1 | <LOD | 1895.6 | | | | | |
| B1 | 59 | CABBAGE | FS | | 5 | 498.9 | <LOD | 2020.3 | | | | | |
| B1 | 60 | BROCCOLI / CALABRESE | GG | | 4.6 | 2201 | <LOD | 2986.7 | | | | | |
| B1 | 61 | BROCCOLI / CALABRESE | GC | | <LOD | 1211.8 | <LOD | 1953.6 | | | | | |
| B1 | 62 | BROCCOLI / CALABRESE | GG | | 5.9 | 6989.5 | <LOD | 3837.6 | | | | | |
| B1 | 63 | BROCCOLI / CALABRESE | GG | | 5.5 | 1479.4 | <LOD | 3838.1 | | | | | |
| B1 | 64 | BROCCOLI / CALABRESE | FM | | 5.9 | 686.2 | <LOD | 5105.2 | | | | | |
| B1 | 65 | BROCCOLI / CALABRESE | FM | | 4.8 | 866.9 | <LOD | 3606.8 | | | | | |
| B1 | 66 | BROCCOLI / CALABRESE | GG | | 6.4 | 1552.8 | <LOD | 3853.9 | | | | | |
| B1 | 67 | BROCCOLI / CALABRESE | GG | | 5.2 | 3610.2 | 10.8 | 4846.1 | | | | | |
| B1 | 68 | CARROT | CS | Peeled | 17.5 | 240.4 | 72.1 | 1308.2 | | | | | |
| B1 | 69 | CARROT | HB | Peeled | 21.6 | 753.6 | <LOD | 2058.4 | Unpeeled | 23.1 | 452.6 | 23.5 | 3078.1 |
| B1 | 70 | CARROT | GG | Peeled | 17.3 | 389.2 | 16.9 | 1004.7 | Unpeeled | 10.6 | 481.6 | 29.4 | 919.6 |
| B1 | 71 | CARROT | FS | Peeled | 33.9 | 526.9 | 11.4 | 2754 | Unpeeled | 42.1 | 538.6 | 21.7 | 2592.2 |
| B1 | 72 | CARROT | FS | Peeled | 18.6 | 474.4 | 24.3 | 2814 | Unpeeled | 21.9 | 605.4 | 21.3 | 2408.8 |
| B1 | 73 | CARROT | FS | Peeled | <LOD | 414.8 | <LOD | 1198 | Unpeeled | <LOD | 427.3 | 13.9 | 1247.9 |
| B1 | 74 | CARROT | GG | Peeled | 11.9 | 252.4 | 69.1 | 1180.6 | | | | | |
| B1 | 75 | CARROT | FS | Peeled | 4.3 | <LOD | 36.6 | 1197.4 | Unpeeled | 6.1 | 261.1 | 56.4 | 1381.8 |
| B1 | 76 | CARROT | FM | Peeled | 28.6 | 265.7 | 34.7 | 2875 | Unpeeled | 24.7 | 489.6 | 46.9 | 2634.9 |
| B1 | 77 | CARROT | GG | Peeled | 29 | 593.4 | 46.4 | 5950.8 | Unpeeled | 19.3 | 446 | 28.3 | 2749.2 |
| B1 | 78 | CARROT | FS | Peeled | <LOD | 260.2 | <LOD | 678.4 | Unpeeled | <LOD | 675.8 | 8.9 | 1001.7 |
| B1 | 79 | CARROT | HB | Peeled | 22.4 | 983.2 | 49.2 | 4925.4 | Unpeeled | 25.1 | 308.9 | 30.5 | 2925.1 |

| | | | | | | | | | | | | | |
|----|-----|-------------------------|----|----------|------|--------|-------|--------|----------|------|--------|------|--------|
| B1 | 90 | CAULIFLOWER | HB | | 7.9 | 759.5 | 9.2 | 1340.8 | | | | | |
| B1 | 91 | CAULIFLOWER | FS | | <LOD | 436.4 | <LOD | 1864.9 | | | | | |
| B1 | 92 | CAULIFLOWER | FS | | <LOD | 599.9 | <LOD | 1623.1 | | | | | |
| B1 | 93 | CAULIFLOWER | FS | | 4.2 | 422.2 | <LOD | 1874.6 | | | | | |
| B1 | 94 | CAULIFLOWER | HB | | <LOD | 244.2 | <LOD | 1641.7 | | | | | |
| B1 | 95 | CAULIFLOWER | GG | | 5.3 | 704.4 | 10.8 | 1705.8 | | | | | |
| B1 | 96 | CAULIFLOWER | HB | | <LOD | 677.1 | <LOD | 2079.6 | | | | | |
| B1 | 97 | CAULIFLOWER | GG | | <LOD | 568.9 | <LOD | 2149.1 | | | | | |
| B1 | 98 | CAULIFLOWER | FM | | <LOD | 365.7 | <LOD | 1567.4 | | | | | |
| B1 | 99 | CAULIFLOWER | GG | | <LOD | 329.9 | <LOD | 2052 | | | | | |
| B1 | 100 | CAULIFLOWER | FS | | 4 | 348.9 | <LOD | 1533.5 | | | | | |
| B1 | 101 | CAULIFLOWER | FM | | <LOD | 272 | <LOD | 1873.1 | | | | | |
| B1 | 102 | CAULIFLOWER | FS | | <LOD | 264.9 | <LOD | 1517.8 | | | | | |
| B1 | 103 | CAULIFLOWER | CS | | <LOD | 417 | <LOD | 2121.3 | | | | | |
| B1 | 104 | CAULIFLOWER | FS | | <LOD | 382 | <LOD | 1768.5 | | | | | |
| B1 | 105 | CAULIFLOWER | GG | | <LOD | 369.4 | <LOD | 1690.6 | | | | | |
| B1 | 106 | CAULIFLOWER | GG | | <LOD | 734.2 | <LOD | 1641.2 | | | | | |
| B1 | 107 | CAULIFLOWER | GG | | 5.8 | 492.9 | <LOD | 1604.5 | | | | | |
| B1 | 108 | CAULIFLOWER | HB | | 9.8 | 423.7 | <LOD | 2460.2 | | | | | |
| B1 | 109 | CELERIAC | GC | Peeled | 55.5 | 1212.2 | <LOD | 1720.9 | | | | | |
| B1 | 110 | CELERIAC | FS | Peeled | 15.3 | 1326.4 | <LOD | 1573.8 | Unpeeled | 28.6 | 1477 | 29 | 3229.8 |
| B1 | 113 | APPLES, COOKING | CS | Unpeeled | <LOD | 4118.4 | <LOD | 182.7 | Peeled | <LOD | 1669.8 | 11.2 | <LOD |
| B1 | 114 | COURGETTE | | | | | | | Peeled | <LOD | 3279.4 | 18.4 | 2479.1 |
| B1 | 116 | COURGETTE | GG | Unpeeled | <LOD | 790.1 | <LOD | 1737.7 | Peeled | <LOD | 1020.9 | <LOD | 1281.8 |
| B1 | 118 | COURGETTE | FS | Unpeeled | <LOD | 603.3 | <LOD | 1540.5 | Peeled | <LOD | 907.8 | <LOD | 1583.2 |
| B1 | 119 | CUCUMBER | | | | | | | Peeled | <LOD | 1193.3 | <LOD | 605.8 |
| B1 | 122 | CUCUMBER | FS | Unpeeled | <LOD | 583.2 | <LOD | 1356.9 | Peeled | <LOD | 512.8 | <LOD | 1447.6 |
| B1 | 123 | CUCUMBER | FS | Unpeeled | <LOD | 192.9 | <LOD | 897 | Peeled | <LOD | 311.8 | <LOD | 705.2 |
| B1 | 124 | KALE, CURLY | FS | | 15.6 | 1106.6 | 29.3 | 2090.6 | | | | | |
| B1 | 125 | KALE, CURLY | FS | | 4.8 | 915.2 | 16.3 | 3325.3 | | | | | |
| B1 | 126 | KALE, CURLY | FM | | 9 | 6138.4 | 12.8 | 2207.3 | | | | | |
| B1 | 127 | FENNEL | FS | | <LOD | 1453.3 | 21.2 | 1190.2 | | | | | |
| B1 | 128 | PEPPERS, GREEN | FS | | 5 | 795.3 | <LOD | 737 | | | | | |
| B1 | 129 | TOMATOES, GREEN | FS | | 3.9 | 1439.4 | <LOD | 1809.7 | | | | | |
| B1 | 130 | JERUSALEM ARTICHOKEs | FS | Peeled | <LOD | 1102 | <LOD | 1725 | Unpeeled | <LOD | 1945.9 | <LOD | 2340.5 |
| B1 | 132 | KALE | GG | | 5.5 | 1217.2 | <LOD | 4300.7 | | | | | |
| B1 | 133 | KALE | FM | | 6.6 | 947.7 | 13.4 | 2931.9 | | | | | |
| B1 | 134 | KALE | GG | | 6.5 | 1824.1 | <LOD | 3534.5 | | | | | |
| B1 | 135 | SALAD, MIXED LEAFY | GG | | 44.4 | 874.5 | 187.4 | 3902.4 | | | | | |
| B1 | 136 | LEEK | HB | | 21.5 | 2609.2 | <LOD | 2465.4 | | | | | |

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|----|-----|--------------|----|----------|------|--------|-------|--------|----------|------|--------|------|--------|
| B1 | 137 | LEEK | GG | | 9 | 1263.4 | <LOD | 2183.5 | | | | | |
| B1 | 138 | LEEK | CS | | 6.3 | <LOD | 11.7 | 1551.5 | | | | | |
| B1 | 139 | LEEK | FS | | 13.6 | 1386.8 | <LOD | 2937.5 | | | | | |
| B1 | 140 | LEEK | FS | | 16.9 | 1252.2 | <LOD | 2155 | | | | | |
| B1 | 141 | LEEK | FS | | 7.1 | 885.6 | <LOD | 1595.4 | | | | | |
| B1 | 142 | LEEK | HB | | 17.7 | 1101.8 | <LOD | 2909.2 | | | | | |
| B1 | 143 | LEEK | FS | | 12.3 | 270.5 | <LOD | 2540.8 | | | | | |
| B1 | 144 | LEEK | GG | | 11.5 | 595.8 | <LOD | 1998 | | | | | |
| B1 | 145 | LEEK | CS | | 10.1 | 2359.4 | <LOD | 3592.5 | | | | | |
| B1 | 146 | LEEK | GG | | 5.3 | 810 | <LOD | 1517.7 | | | | | |
| B1 | 147 | LEEK | FM | | 12.3 | 916.3 | <LOD | 2201.6 | | | | | |
| B1 | 148 | LEEK | FM | | 16.4 | 1888.2 | 18.8 | 1751.7 | | | | | |
| B1 | 149 | LEEK | GG | | 10.3 | 1557.9 | <LOD | 2570.3 | | | | | |
| B1 | 151 | LEEK | HB | | 8.3 | 1479.4 | <LOD | 2010 | | | | | |
| B1 | 152 | LEEK | FM | | <LOD | 1476.9 | <LOD | 2831.2 | | | | | |
| B1 | 153 | LEEK | GG | | 15.4 | 950 | <LOD | 1366.9 | | | | | |
| B1 | 154 | LEEK | GG | | 8.1 | 978.9 | <LOD | 1955.3 | | | | | |
| B1 | 155 | LEEK | FM | | 6.1 | 913.8 | <LOD | 2390.2 | | | | | |
| B1 | 156 | LEEK | GG | | 14.5 | 950.5 | <LOD | 2213.3 | | | | | |
| B1 | 157 | LETTUCE | GG | | 15.1 | 874 | 8.1 | 2117.3 | | | | | |
| B1 | 158 | LETTUCE | FS | | 14.1 | 865.6 | <LOD | 2650.2 | | | | | |
| B1 | 159 | LETTUCE | FS | | 26.3 | 1019.4 | 22.4 | 2368.2 | | | | | |
| B1 | 160 | LETTUCE | GG | | 8.5 | 771.6 | <LOD | 2178.1 | | | | | |
| B1 | 161 | LETTUCE | FS | | 12.2 | 406.2 | 14.1 | 2702.9 | | | | | |
| B1 | 162 | LETTUCE | FM | | 12.1 | 720.7 | 81.8 | 2309.3 | | | | | |
| B1 | 163 | LETTUCE | GC | | 9.9 | 3633.5 | <LOD | 2929.5 | | | | | |
| B1 | 164 | LETTUCE | FS | | 9.9 | 1155.4 | <LOD | 2838.2 | | | | | |
| B1 | 165 | LETTUCE | GG | | 6.8 | 1037.7 | <LOD | 2659.9 | | | | | |
| B1 | 166 | LETTUCE | GG | | 10.4 | 1069.2 | 18.1 | 2211 | | | | | |
| B1 | 167 | MARROW | HB | Peeled | <LOD | 958.6 | <LOD | 487.8 | | | | | |
| B1 | 168 | MARROW | GG | Peeled | <LOD | 1109.2 | <LOD | 689.3 | Unpeeled | <LOD | 2214 | <LOD | 946.6 |
| B1 | 170 | MOOLI RADISH | FS | Peeled | 4.2 | 277.3 | <LOD | 849.7 | Unpeeled | 4.6 | 345.9 | <LOD | 917.2 |
| B1 | 172 | ONION | HB | | <LOD | 2444.4 | <LOD | 1409.6 | | | | | |
| B1 | 173 | ONION | FS | | 3.6 | 1073 | <LOD | 1302.4 | | | | | |
| B1 | 174 | PAK CHOI | FM | | 5.6 | 462.2 | <LOD | 2725.9 | | | | | |
| B1 | 175 | PARSLEY | HB | | 63.2 | 957.8 | 186.4 | 7128.9 | | | | | |
| B1 | 176 | PARSNIP | HB | Peeled | 9.8 | 1439.4 | 12.4 | 3808.1 | Unpeeled | 10.8 | 1863.6 | 13.4 | 2926.7 |
| B1 | 177 | PARSNIP | FS | Peeled | <LOD | 1227.8 | 10.1 | 2588.7 | Unpeeled | <LOD | 973.3 | 11.8 | 2074.6 |
| B1 | 178 | PARSNIP | FS | Peeled | <LOD | 981.8 | <LOD | 1736.6 | Unpeeled | <LOD | 1087.4 | 8.8 | 1995 |
| B1 | 179 | PARSNIP | GG | Peeled | 8.3 | 738.1 | 59.5 | 2127.1 | | | | | |
| B1 | 185 | PEARS | FS | Unpeeled | <LOD | 2064.7 | <LOD | 999.8 | Peeled | <LOD | 1574 | <LOD | 899.9 |
| B1 | 184 | PEARS | | | | | | | Peeled | <LOD | 1249.9 | <LOD | 833.7 |
| B1 | 186 | PEPPERS | FS | | <LOD | 192 | 10.7 | 967.3 | | | | | |
| B1 | 187 | POTATO | GG | Peeled | 5.2 | 1497.2 | <LOD | 1740.4 | Unpeeled | 6.1 | 1364.3 | 11.4 | 1842.5 |

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|----|-----|------------------|----|--------|------|--------|------|--------|----------|------|--------|------|--------|
| B1 | 214 | POTATO | | | | | | | Unpeeled | 5.7 | 794.8 | <LOD | 1607.7 |
| B1 | 189 | POTATO | CS | Peeled | 9.8 | 1652.3 | <LOD | 1528.5 | | | | | |
| B1 | 190 | POTATO | FS | Peeled | 8 | 910.4 | 12.5 | 1084.1 | Unpeeled | 5.4 | 678.6 | 13.3 | 1334.8 |
| B1 | 191 | POTATO | FS | Peeled | 7.4 | 1318.8 | 8.6 | 2230 | Unpeeled | 6.7 | 1150.9 | <LOD | 2199.5 |
| B1 | 192 | POTATO | FS | Peeled | 7.7 | 1094.1 | <LOD | 2571.4 | Unpeeled | 4 | 636.4 | <LOD | 1542.4 |
| B1 | 193 | POTATO | FS | Peeled | 10 | 1227.9 | <LOD | 2117.8 | Unpeeled | 8.3 | 925.8 | <LOD | 2021.7 |
| B1 | 194 | POTATO | GG | Peeled | 17.5 | 910.7 | <LOD | 1613.4 | | | | | |
| B1 | 195 | POTATO | HB | Peeled | 5.5 | 1292.9 | <LOD | 1712.5 | Unpeeled | 4.9 | 1120.9 | 14.3 | 1955.8 |
| B1 | 196 | POTATO | FS | Peeled | 21.5 | 622.3 | <LOD | 1932 | Unpeeled | 22.3 | 565.6 | <LOD | 1769.1 |
| B1 | 197 | POTATO | FM | Peeled | 3.9 | 543.3 | <LOD | 2025.8 | Unpeeled | <LOD | 693.2 | <LOD | 1852.7 |
| B1 | 198 | POTATO | CS | Peeled | 5.9 | 961.3 | <LOD | 1780.6 | Unpeeled | 7.3 | 906.5 | <LOD | 1426.6 |
| B1 | 199 | POTATO | HB | Peeled | 8.2 | 915.9 | <LOD | 1597.5 | Unpeeled | 12.1 | 1054.7 | <LOD | 1855.1 |
| B1 | 200 | POTATO | HB | Peeled | 8.4 | 914.7 | 11 | 1827.4 | Unpeeled | 18.7 | 833.9 | <LOD | 1663.5 |
| B1 | 201 | POTATO | FM | Peeled | 6.3 | 919.6 | <LOD | 1586.8 | Unpeeled | 5.3 | 928.3 | <LOD | 1594.1 |
| B1 | 202 | POTATO | GG | Peeled | 7.2 | 1338.2 | <LOD | 1849.9 | | | | | |
| B1 | 203 | POTATO | GG | Peeled | 6.9 | 896.5 | <LOD | 1451.7 | Unpeeled | 7.6 | 1002.9 | <LOD | 1509.6 |
| B1 | 204 | POTATO | GG | Peeled | 17.2 | 1224.4 | <LOD | 1778.3 | Unpeeled | 17 | 765.1 | <LOD | 1835.9 |
| B1 | 205 | POTATO | HB | Peeled | <LOD | 889.4 | <LOD | 1508.2 | Unpeeled | <LOD | 876.9 | <LOD | 1225.8 |
| B1 | 206 | POTATO | FS | Peeled | 5 | 728.2 | <LOD | 1811.4 | Unpeeled | 8 | 919.7 | <LOD | 1979.4 |
| B1 | 207 | POTATO | GG | Peeled | 8 | 813 | <LOD | 2271 | Unpeeled | 6.6 | 596.5 | <LOD | 1938.3 |
| B1 | 208 | POTATO | FS | Peeled | 16.3 | 1353.2 | <LOD | 2625.3 | Unpeeled | 23 | 1592 | 9.2 | 2819.2 |
| B1 | 209 | POTATO | FM | Peeled | <LOD | 1516.9 | <LOD | 2151.6 | Unpeeled | <LOD | 1238.2 | 10.9 | 1806.7 |
| B1 | 210 | POTATO | GC | Peeled | <LOD | 1666.7 | <LOD | 2504.3 | Unpeeled | <LOD | 762 | 11.5 | 1599 |
| B1 | 211 | POTATO | FS | Peeled | 6.5 | 643.1 | <LOD | 1712.5 | Unpeeled | 5.2 | 886.5 | <LOD | 1518.8 |
| B1 | 212 | POTATO | FS | Peeled | 6.8 | 1104.7 | <LOD | 1467.9 | Unpeeled | 7.1 | 793.1 | <LOD | 1605.9 |
| B1 | 236 | PUMPKINS | HB | Peeled | <LOD | 1342.8 | <LOD | 986.1 | | | | | |
| B1 | 237 | PURPLE CALABRESE | GG | | <LOD | 1033.6 | <LOD | 8567.7 | | | | | |
| B1 | 238 | RADISHE | FS | | 8.8 | 300.3 | 14.7 | 1684.9 | | | | | |
| B1 | 239 | RASPBERRIES | HB | | <LOD | 291.7 | <LOD | 1557.8 | | | | | |
| B1 | 240 | RASPBERRIES | FS | | <LOD | 284.8 | 12.2 | 1844.1 | | | | | |
| B1 | 241 | RASPBERRIES | GG | | <LOD | 325.4 | <LOD | 2021.6 | | | | | |
| B1 | 242 | CABBAGE, RED | HB | | <LOD | 691.4 | <LOD | 1467.9 | | | | | |
| B1 | 243 | CABBAGE, RED | FS | | <LOD | 329.6 | <LOD | 1077.9 | | | | | |
| B1 | 244 | CABBAGE, RED | FS | | 5.4 | 498.1 | <LOD | 1791 | | | | | |
| B1 | 245 | CABBAGE, RED | FS | | <LOD | 442.2 | <LOD | 2173.1 | | | | | |
| B1 | 246 | CABBAGE, RED | FM | | <LOD | 419.4 | <LOD | 1241.7 | | | | | |
| B1 | 247 | CABBAGE, RED | FS | | 5.1 | 487.3 | <LOD | 1952.9 | | | | | |
| B1 | 248 | CABBAGE, RED | FM | | <LOD | 589.7 | <LOD | 1824.9 | | | | | |
| B1 | 249 | CABBAGE, RED | FS | | <LOD | 406.7 | <LOD | 963.6 | | | | | |
| B1 | 250 | CABBAGE, RED | FM | | <LOD | 626.8 | <LOD | 1187.1 | | | | | |
| B1 | 251 | CABBAGE, RED | GG | | <LOD | 523.9 | <LOD | 1279.2 | | | | | |
| B1 | 252 | ONION, RED | GG | | 8.2 | 1648.2 | <LOD | 2101.9 | | | | | |
| B1 | 253 | ROMANESCO | FS | | <LOD | 654.7 | <LOD | 3155.1 | | | | | |

| | | BROCCOLI | | | | | | | | | | | |
|----|-----|--------------------|----|--------|------|--------|-------|--------|----------|-----|------|------|--------|
| B1 | 254 | ROMANESCO BROCCOLI | HB | | <LOD | 734.9 | 9.2 | 3511.3 | | | | | |
| B1 | 255 | ROMANESCO BROCCOLI | GG | | 10.3 | 609.2 | 10.9 | 3314.8 | | | | | |
| B1 | 256 | ROMANESCO BROCCOLI | FM | | <LOD | 726.7 | <LOD | 4635.1 | | | | | |
| B1 | 257 | ROMANESCO BROCCOLI | HB | | 7.4 | 918.4 | <LOD | 2128.2 | | | | | |
| B1 | 258 | ROMANESCO BROCCOLI | GG | | 4 | 972.8 | <LOD | 2863.2 | | | | | |
| B1 | 259 | RUNNER BEANS | FS | | <LOD | 1025.6 | <LOD | 3165.8 | | | | | |
| B1 | 260 | RUNNER BEANS | FM | | <LOD | 859.6 | <LOD | 2062.6 | | | | | |
| B1 | 261 | KALE, RUSSIAN | FS | | <LOD | 870.5 | 13.2 | 3430.9 | | | | | |
| B1 | 262 | CABBAGE, SAVOY | GG | | <LOD | 1170.6 | <LOD | 3257.1 | | | | | |
| B1 | 263 | CABBAGE, SAVOY | FS | | <LOD | 972.7 | <LOD | 2161 | | | | | |
| B1 | 264 | CABBAGE, SAVOY | FS | | 4.9 | 1064.7 | <LOD | 2641.7 | | | | | |
| B1 | 265 | CABBAGE, SAVOY | FS | | 7 | 1354.6 | <LOD | 4340.9 | | | | | |
| B1 | 266 | CABBAGE, SAVOY | HB | | 6.8 | 1421.1 | <LOD | 4244 | | | | | |
| B1 | 267 | CABBAGE, SAVOY | GG | | <LOD | 786 | <LOD | 2101.7 | | | | | |
| B1 | 268 | CABBAGE, SAVOY | FM | | 7.9 | 1890 | <LOD | 4671.7 | | | | | |
| B1 | 269 | CABBAGE, SAVOY | GG | | 4.6 | 722.5 | <LOD | 1660.7 | | | | | |
| B1 | 270 | CABBAGE, SAVOY | FM | | <LOD | 853.6 | <LOD | 2512.6 | | | | | |
| B1 | 271 | CABBAGE, SAVOY | FS | | 6.9 | 719.6 | <LOD | 2713 | | | | | |
| B1 | 272 | CABBAGE, SAVOY | GG | | 5.2 | 1123.3 | <LOD | 1807.2 | | | | | |
| B1 | 273 | CABBAGE, SAVOY | FM | | <LOD | 5355.9 | <LOD | 2623.6 | | | | | |
| B1 | 274 | CABBAGE, SAVOY | HB | | <LOD | 768.7 | <LOD | 2337.3 | | | | | |
| B1 | 275 | SPINACH | FM | | 12.4 | 1231.4 | 20.7 | 3263.4 | | | | | |
| B1 | 276 | SPINACH | GG | | 11 | 1497.9 | 282.2 | 4149.5 | | | | | |
| B1 | 278 | GREENS, SPRING | GG | | <LOD | 1047.6 | 12.3 | 1951.2 | | | | | |
| B1 | 279 | GREENS, SPRING | GG | | 4.7 | 726 | 16.4 | 1727.3 | | | | | |
| B1 | 280 | GREENS, SPRING | FS | | 10.6 | 867.2 | 31.8 | 2120.1 | | | | | |
| B1 | 281 | GREENS, SPRING | HB | | <LOD | 578.2 | <LOD | 2021.3 | | | | | |
| B1 | 282 | GREENS, SPRING | FS | | 9.8 | 1028.4 | 42.1 | 2826 | | | | | |
| B1 | 283 | GREENS, SPRING | FM | | 9.7 | 605.8 | 23 | 1674.8 | | | | | |
| B1 | 284 | GREENS, SPRING | GG | | 16.6 | 952.6 | 18.7 | 2301.7 | | | | | |
| B1 | 285 | SQUASH | FM | Peeled | <LOD | 501.4 | <LOD | 966.6 | | | | | |
| B1 | 286 | STRAWBERRIES | HB | | <LOD | 344 | <LOD | 739.5 | | | | | |
| B1 | 287 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 844.8 | | | | | |
| B1 | 288 | STRAWBERRIES | GG | | <LOD | 201.4 | <LOD | 783.4 | | | | | |
| B1 | 289 | STRAWBERRIES | HB | | <LOD | 226.1 | <LOD | 1439.2 | | | | | |
| B1 | 290 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 626.8 | | | | | |
| B1 | 291 | SWEDE | GG | Peeled | 7.4 | 726.1 | <LOD | 1283.3 | Unpeeled | 8.6 | 1303 | <LOD | 1493.3 |
| B1 | 292 | SWEDE | GC | Peeled | 8.4 | 820.5 | <LOD | 1122.7 | | | | | |

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|----|-----|-------------------------|----|--------|------|--------|------|--------|----------|------|--------|------|--------|
| B1 | 293 | SWEDE | GG | Peeled | 3.8 | 351.5 | <LOD | 1072.5 | Unpeeled | 4.3 | 522.7 | <LOD | 665.4 |
| B1 | 294 | SWEDE | FS | Peeled | 3.7 | 250.8 | <LOD | 995.9 | Unpeeled | 3.7 | 429.9 | <LOD | 875.3 |
| B1 | 312 | SWEDE | | | | | | | Unpeeled | 5.5 | 505.9 | <LOD | 751.5 |
| B1 | 296 | SWEDE | FS | Peeled | <LOD | 190.7 | <LOD | 923 | Unpeeled | 4.7 | 263.2 | <LOD | 1019 |
| B1 | 297 | SWEDE | FS | Peeled | <LOD | 210.5 | <LOD | 792.7 | Unpeeled | 3.7 | 234.7 | 11.3 | 857.8 |
| B1 | 298 | SWEDE | HB | Peeled | 4.7 | <LOD | <LOD | 1041.3 | Unpeeled | 4.7 | 321 | <LOD | 1220.9 |
| B1 | 299 | SWEDE | HB | Peeled | 4.5 | 323.5 | <LOD | 1016.9 | Unpeeled | 4.4 | 438.2 | <LOD | 1084.7 |
| B1 | 300 | SWEDE | CS | Peeled | <LOD | 269.8 | <LOD | 707.9 | Unpeeled | <LOD | 553.9 | <LOD | 618.1 |
| B1 | 301 | SWEDE | FM | Peeled | <LOD | 259 | <LOD | 1293.9 | Unpeeled | <LOD | 198 | <LOD | 1027.8 |
| B1 | 302 | SWEDE | FM | Peeled | 4 | 348.3 | <LOD | 1013.5 | Unpeeled | 4.8 | 909.7 | <LOD | 921.5 |
| B1 | 303 | SWEDE | GG | Peeled | <LOD | 249.4 | <LOD | 842.4 | Unpeeled | <LOD | 385.7 | <LOD | 872 |
| B1 | 304 | SWEDE | FM | Peeled | <LOD | 504.4 | <LOD | 1322.2 | Unpeeled | <LOD | 1017.3 | <LOD | 1327.7 |
| B1 | 305 | SWEDE | HB | Peeled | 4.3 | 319.5 | <LOD | 1375.3 | Unpeeled | 4.8 | 395.8 | 13.7 | 1468.4 |
| B1 | 306 | SWEDE | FS | Peeled | 7.9 | 951.2 | <LOD | 839.7 | Unpeeled | 6.1 | 487.8 | <LOD | 3195.5 |
| B1 | 307 | SWEDE | GG | Peeled | 9.4 | 312.7 | <LOD | 1043.2 | | | | | |
| B1 | 308 | SWEDE | FM | Peeled | 8.3 | 624.6 | <LOD | 1125.3 | Unpeeled | 7.8 | 823.5 | <LOD | 1241.1 |
| B1 | 325 | PEPPERS, SWEET RED | FS | | 4.6 | 1240.8 | <LOD | 1288 | | | | | |
| B1 | 326 | TOMATO | FS | | <LOD | 742.4 | <LOD | 622.1 | | | | | |
| B1 | 327 | TOMATO | CS | | <LOD | 670.1 | <LOD | 1163.3 | | | | | |
| B1 | 328 | TURNIPS | GG | Peeled | 5.3 | 1273.3 | 8.8 | 2326.8 | Unpeeled | 7.2 | 1446.6 | 12.6 | 2396.4 |
| B1 | 330 | GREENS, WINTER | GG | | 11.3 | 945.4 | 15.9 | 1690.8 | | | | | |
| B2 | 1 | STRAWBERRIES | FS | | 5.1 | <LOD | <LOD | 1159.5 | | | | | |
| B2 | 2 | CARROT | FS | Peeled | <LOD | 334.7 | <LOD | 1921.6 | Unpeeled | 9.9 | 690.3 | 14.3 | 1859.5 |
| B2 | 4 | SWEDE | FS | Peeled | 5.8 | <LOD | <LOD | 804.4 | Unpeeled | 6.2 | <LOD | <LOD | 1093.6 |
| B2 | 6 | LEEK | FS | | 58.1 | 377 | <LOD | 1532.2 | | | | | |
| B2 | 7 | CABBAGE | FS | | 6.2 | 1120.8 | <LOD | 2457.3 | | | | | |
| B2 | 8 | STRAWBERRIES | FS | | 4.7 | 362.8 | <LOD | 1004.1 | | | | | |
| B2 | 9 | CARROT | FS | Peeled | 5.2 | 316.7 | 11 | 1711.3 | Unpeeled | 5.8 | 432.3 | 13.3 | 1840.4 |
| B2 | 11 | LEEK | FS | | 10.7 | 239.2 | 27.3 | 1424.7 | | | | | |
| B2 | 12 | BROADBEAN | GG | | <LOD | 2847.5 | <LOD | 6863.6 | | | | | |
| B2 | 13 | STRAWBERRIES | GG | | <LOD | 225.2 | <LOD | 845.8 | | | | | |
| B2 | 14 | POTATO, NEW | GG | Peeled | 4.3 | 404.3 | <LOD | 1549.8 | Unpeeled | 5.5 | 627 | 50.4 | 1848.6 |
| B2 | 16 | CABBAGE, SAVOY | GG | | <LOD | 393.3 | <LOD | 2013.9 | | | | | |
| B2 | 17 | CAULIFLOWER | GG | | <LOD | 259.3 | <LOD | 1810 | | | | | |
| B2 | 18 | CARROT | GG | Peeled | 5.1 | 277.9 | 21.9 | 1227 | Unpeeled | 4.3 | 202.7 | 13.4 | 1062.4 |
| B2 | 20 | STRAWBERRIES | GG | | <LOD | 423.6 | <LOD | 708.1 | | | | | |
| B2 | 21 | LETTUCE, OAK LEAF | GG | | 48.8 | 568.4 | 12.1 | 849.7 | | | | | |
| B2 | 22 | LETTUCE, LOLLO ROSSO | GG | | 7.4 | 267.5 | 18.9 | 1176.2 | | | | | |
| B2 | 23 | LETTUCE, ICEBERG | GG | | 19.3 | <LOD | <LOD | 834.3 | | | | | |
| B2 | 24 | POTATO, NEW | GG | Peeled | 6.2 | 670.6 | <LOD | 1444 | Unpeeled | 5.9 | 755.6 | 20.8 | 1336.9 |

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|----|----|--------------------|----|--------|-------|--------|-------|---------|----------|------|--------|------|--------|
| B2 | 26 | SWEDE | GG | Peeled | <LOD | <LOD | <LOD | 642.1 | Unpeeled | <LOD | <LOD | <LOD | 540.1 |
| B2 | 28 | POTATO | GG | Peeled | <LOD | 1013.9 | <LOD | 2157.9 | Unpeeled | 6.3 | 1767.1 | <LOD | 2105.5 |
| B2 | 30 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 857.4 | | | | | |
| B2 | 31 | SPINACH | GG | | 112.6 | 1260 | 30.2 | 16960.5 | | | | | |
| B2 | 32 | CHARD | GG | | 123.4 | 958.4 | 28.2 | 16090 | | | | | |
| B2 | 33 | LEEK | GG | | 36.4 | <LOD | <LOD | 3563.1 | | | | | |
| B2 | 34 | BROADBEAN | GG | | <LOD | 3165 | <LOD | 6406.9 | | | | | |
| B2 | 35 | POTATO | GG | Peeled | 5.1 | 248.5 | <LOD | 1385.6 | Unpeeled | 8.5 | 400.8 | <LOD | 4864.2 |
| B2 | 37 | POTATO, NEW | GG | Peeled | 11 | 332.6 | <LOD | 1459.4 | Unpeeled | 7.4 | 400.6 | 25.9 | 1810.7 |
| B2 | 39 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 814.1 | | | | | |
| B2 | 40 | BROADBEAN | GG | | <LOD | 3052.1 | <LOD | 6761.1 | | | | | |
| B2 | 41 | CABBAGE | GG | | <LOD | 314.2 | <LOD | 1568.9 | | | | | |
| B2 | 42 | CABBAGE | GG | | <LOD | <LOD | <LOD | <LOD | | | | | |
| B2 | 43 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 886.4 | | | | | |
| B2 | 44 | BROADBEAN | GG | | <LOD | 2160.4 | <LOD | 4928 | | | | | |
| B2 | 45 | ASPARAGUS | GG | | <LOD | 1029.6 | <LOD | 3497.2 | | | | | |
| B2 | 46 | STRAWBERRIES | GG | | <LOD | 466.1 | 46.3 | 1788.4 | | | | | |
| B2 | 47 | LETTUCE | GG | | 5.2 | 464.4 | <LOD | 2590.5 | | | | | |
| B2 | 48 | LETTUCE, RED | GG | | 14.3 | 647.8 | 19 | 3004.2 | | | | | |
| B2 | 49 | CARROT | GG | Peeled | 7 | 241 | 13.9 | 741.9 | Unpeeled | 15.5 | 689.2 | 14.7 | 1012.1 |
| B2 | 51 | BROADBEAN | FS | | <LOD | 2749.9 | <LOD | 6365.9 | | | | | |
| B2 | 52 | PARSNIP | FS | Peeled | <LOD | <LOD | <LOD | <LOD | Unpeeled | 15.1 | 683.6 | 30.8 | 2627.7 |
| B2 | 54 | CABBAGE | FS | | <LOD | <LOD | <LOD | 706 | | | | | |
| B2 | 55 | SWEDE | FS | Peeled | 4.2 | <LOD | <LOD | 380.3 | Unpeeled | 4 | <LOD | <LOD | 364.1 |
| B2 | 57 | POTATO, NEW | FS | Peeled | <LOD | 444.9 | <LOD | 1060.3 | Unpeeled | 4 | 441.5 | 44.1 | 954.7 |
| B2 | 59 | BEETROOT | GG | Peeled | <LOD | 599.3 | <LOD | 1699.8 | Unpeeled | <LOD | 657.8 | 18 | 1369.5 |
| B2 | 61 | POTATO | GG | Peeled | 5.5 | 739.8 | <LOD | 2156.6 | Unpeeled | 6.2 | 783.4 | 48.9 | 2189.3 |
| B2 | 63 | SWEDE | GG | Peeled | 4 | <LOD | <LOD | 622 | Unpeeled | 4.7 | <LOD | <LOD | 1012 |
| B2 | 65 | POTATO, NEW | GG | Peeled | 5.1 | 518.1 | <LOD | 1169.3 | Unpeeled | 5.2 | 199.7 | <LOD | 393.5 |
| B2 | 67 | POTATO | GG | Peeled | 7.8 | 2025.6 | <LOD | 6919.4 | Unpeeled | 7.2 | 741.3 | <LOD | 1556.6 |
| B2 | 69 | LEEK | GG | | 3.7 | <LOD | <LOD | 633.9 | | | | | |
| B2 | 70 | LETTUCE | GG | | 6 | <LOD | <LOD | 1362.5 | | | | | |
| B2 | 71 | CABBAGE | GG | | <LOD | <LOD | <LOD | 882.6 | | | | | |
| B2 | 72 | CABBAGE | GG | | 6.8 | 219.6 | <LOD | 1418.4 | | | | | |
| B2 | 73 | LEEK | GG | | 13.3 | 179.3 | <LOD | 1988 | | | | | |
| B2 | 74 | POTATO | GG | Peeled | 6.8 | 290.5 | <LOD | 1376.9 | Unpeeled | 7 | 506.8 | 13 | 891.1 |
| B2 | 76 | STRAWBERRIES | FS | | <LOD | 694.6 | 529.4 | 4418.8 | | | | | |
| B2 | 77 | BROADBEAN | FS | | <LOD | 2983.5 | <LOD | 6030 | | | | | |
| B2 | 78 | POTATO, ORGANIC | FS | Peeled | 5.5 | 1110.6 | <LOD | 1400.7 | Unpeeled | 6 | 1092.7 | 20.9 | 1271.4 |
| B2 | 80 | POTATO | FS | Peeled | 5.8 | 1122.2 | <LOD | 1473.7 | Unpeeled | 7.3 | 990.9 | 63.6 | 2402.7 |
| B2 | 82 | GREENS, SPRING | FS | | 12.4 | 585.5 | 8.2 | 908 | | | | | |
| B2 | 83 | ASPARAGUS | FM | | <LOD | 1410.8 | <LOD | 4984 | | | | | |
| B2 | 84 | BROADBEAN | FM | | <LOD | 2525.1 | <LOD | 5655.3 | | | | | |

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|----|-----|-------------------|----|----------|------|--------|-------|--------|----------|------|--------|------|--------|
| B2 | 85 | STRAWBERRIES | FM | | <LOD | 427.7 | <LOD | 836 | | | | | |
| B2 | 86 | LETTUCE | FM | | 29.2 | 255.2 | 17.9 | 1056.4 | | | | | |
| B2 | 88 | APPLES | FM | Unpeeled | <LOD | 826.9 | 14.1 | 1614.2 | Peeled | <LOD | 226.2 | <LOD | 716.4 |
| B2 | 89 | GOOSEBERRIES | FM | | <LOD | 196.5 | <LOD | 791.1 | | | | | |
| B2 | 90 | POTATO, NEW | FM | Peeled | 5.5 | 889 | <LOD | 1423.6 | Unpeeled | 6.8 | 319.5 | 349 | 218.6 |
| B2 | 92 | POTATO, NEW | GG | Peeled | 6.2 | 449.1 | <LOD | 1647.3 | Unpeeled | 8.3 | 484.5 | 45.9 | 1403.3 |
| B2 | 94 | CAULIFLOWER | GG | | 9.9 | 303.9 | <LOD | 1563.1 | | | | | |
| B2 | 95 | CARROT | FS | Peeled | 18.1 | 182.1 | 13.2 | 1170.7 | Unpeeled | 23.5 | 366 | 10.5 | 959 |
| B2 | 97 | POTATO, NEW | FS | Peeled | 3.6 | 407.9 | <LOD | 1811.4 | Unpeeled | <LOD | 571.6 | 11.6 | 1923.1 |
| B2 | 99 | CARROT | FS | Peeled | 26.8 | <LOD | 55.9 | 792.9 | Unpeeled | 9.4 | 199.9 | 69.1 | 947.1 |
| B2 | 101 | POTATO, NEW | FS | Peeled | 7 | 418.1 | 8.6 | 1576.2 | Unpeeled | 6.1 | 509 | 58.8 | 1510.1 |
| B2 | 103 | CABBAGE | FS | | <LOD | 332.4 | <LOD | 2461.9 | | | | | |
| B2 | 104 | LETTUCE | GG | | 13.5 | 245.5 | 14.5 | 1810.6 | | | | | |
| B2 | 105 | RHUBARB | GG | | <LOD | <LOD | 36 | 612.5 | | | | | |
| B2 | 106 | CARROT | GG | Peeled | 27.8 | 191.8 | 47.6 | 1335.1 | Unpeeled | 18.9 | 231.9 | 52.5 | 1027.3 |
| B2 | 108 | POTATO, NEW | GG | Peeled | 11.4 | 394.5 | <LOD | 1478.7 | Unpeeled | 8.8 | 485 | 24.5 | 1573.9 |
| B2 | 110 | BROADBEAN | GG | | <LOD | 2154.7 | <LOD | 5192.3 | | | | | |
| B2 | 111 | GOOSEBERRIES | GG | | <LOD | 381.1 | <LOD | 749.8 | | | | | |
| B2 | 112 | POTATO | GG | Peeled | 8 | 530.1 | <LOD | 1659.4 | Unpeeled | 9.2 | 797.5 | <LOD | 2176.4 |
| B2 | 114 | CAULIFLOWER | GG | | 3.7 | 273.6 | <LOD | 2174.5 | | | | | |
| B2 | 115 | ASPARAGUS | GG | | <LOD | 653.8 | <LOD | 1336.8 | | | | | |
| B2 | 116 | STRAWBERRIES | GG | | <LOD | 452.2 | <LOD | 1132.3 | | | | | |
| B2 | 117 | LETTUCE | GG | | 4 | <LOD | <LOD | 1743.1 | | | | | |
| B2 | 118 | BROADBEAN | GG | | <LOD | 2487.7 | <LOD | 7024.5 | | | | | |
| B2 | 119 | CARROT | GG | Peeled | 18 | 248.8 | 10.9 | 2887.3 | Unpeeled | 29.3 | 482.3 | 13.2 | 3624.4 |
| B2 | 121 | POTATO, NEW | GG | Peeled | 6.7 | 444.1 | <LOD | 1703.7 | Unpeeled | 6 | 422.1 | 42.1 | 1544.8 |
| B2 | 124 | COURGETTE | GG | Unpeeled | <LOD | 708.4 | <LOD | 2860.1 | Peeled | <LOD | 624.9 | <LOD | 2216.3 |
| B2 | 125 | BEETROOT | GG | Peeled | 21 | 456 | <LOD | 2431.3 | Unpeeled | 20.9 | 1110.7 | <LOD | 2816.6 |
| B2 | 127 | POTATO | GG | Peeled | <LOD | 293.1 | 19.5 | 2426.5 | Unpeeled | 9.4 | 1324.9 | <LOD | 2126 |
| B2 | 129 | CARROT | GG | Peeled | 17.8 | 354.5 | 11.1 | 2598.7 | Unpeeled | 17.7 | 293.3 | 11.4 | 2356.6 |
| B2 | 131 | SWEDE | GG | Peeled | 9 | <LOD | <LOD | 696.9 | Unpeeled | 11.6 | <LOD | <LOD | 1348.6 |
| B2 | 133 | POTATO, NEW | FM | Peeled | 3.7 | 1224.5 | <LOD | 1923.1 | Unpeeled | 4.7 | 1319.8 | <LOD | 1927 |
| B2 | 135 | SPINACH | FM | | 62.6 | 1766 | 9.7 | 8783.5 | | | | | |
| B2 | 136 | BROADBEAN | FM | | <LOD | 2765.2 | <LOD | 7620.9 | | | | | |
| B2 | 137 | SALAD, MIXED | FM | | 13.7 | 516.8 | 20.5 | 3319.1 | | | | | |
| B2 | 138 | REDCURRENTS | FM | | <LOD | 301 | <LOD | 935 | | | | | |
| B2 | 139 | STRAWBERRIES | GG | | <LOD | 642.2 | 148.9 | 1991.4 | | | | | |
| B2 | 140 | LETTUCE, OAK LEAF | GG | | 7.7 | 263.2 | 8.3 | 1534.2 | | | | | |
| B2 | 141 | SALAD, MIXED | GG | | 16 | 666.9 | 60.1 | 2316.5 | | | | | |
| B2 | 142 | CHARD | GG | | 31.7 | 1778.2 | 135.7 | 5281.8 | | | | | |
| B2 | 143 | SPINACH | GG | | 32.5 | 1307.6 | 114.1 | 5570.8 | | | | | |
| B2 | 144 | POTATO, NEW | GG | Peeled | 4.5 | 1463.7 | <LOD | 1906.7 | Unpeeled | 5 | 1432.3 | <LOD | 1937 |
| B2 | 146 | STRAWBERRIES | FS | | <LOD | <LOD | <LOD | 741.9 | | | | | |

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|----|-----|----------------------|----|----------|------|--------|-------|--------|----------|------|--------|-------|--------|--|
| B2 | 147 | RASPBERRIES | FS | | <LOD | 549.2 | <LOD | 1916.8 | | | | | | |
| B2 | 148 | GREENS, SPRING | FS | | <LOD | 421 | <LOD | 2588.6 | | | | | | |
| B2 | 149 | BROCCOLI / CALABRESE | FS | | <LOD | 746.6 | <LOD | 4926.6 | | | | | | |
| B2 | 151 | COURGETTE | FS | Unpeeled | <LOD | 462.3 | <LOD | 2040.5 | Peeled | <LOD | 371.5 | <LOD | 1787.3 | |
| B2 | 152 | CARROT | FS | Peeled | 10.3 | 371.2 | <LOD | 644.5 | Unpeeled | 14.2 | 667.9 | 82.6 | 2112 | |
| B2 | 154 | POTATO, NEW | FS | Peeled | 10.7 | 834.7 | <LOD | 2025.1 | Unpeeled | 10.5 | 825.4 | 13.7 | 2288.9 | |
| B2 | 156 | BEETROOT | FM | Peeled | 13 | 1087.7 | 25.3 | 6140.6 | | | | | | |
| B2 | 158 | SALAD, MIXED | FM | | 28.6 | 695.7 | 108 | 4256.6 | | | | | | |
| B2 | 159 | STRAWBERRIES | FM | | <LOD | <LOD | 21.1 | 1042.6 | | | | | | |
| B2 | 160 | BROADBEAN | FM | | <LOD | 2437 | <LOD | 5676.7 | | | | | | |
| B2 | 161 | POTATO, NEW | FM | Peeled | 11.1 | 461.7 | <LOD | 2817.9 | Unpeeled | 9.5 | 547.9 | 12.7 | 2548.1 | |
| B2 | 163 | RASPBERRIES | FS | | <LOD | 598.1 | <LOD | 2018 | | | | | | |
| B2 | 164 | STRAWBERRIES | FS | | <LOD | 307.2 | 9.5 | 1188.6 | | | | | | |
| B2 | 165 | GOOSEBERRIES | FS | | <LOD | 728.9 | <LOD | 1244.8 | | | | | | |
| B2 | 166 | BROADBEAN | FS | | <LOD | 3010.4 | <LOD | 7856 | | | | | | |
| B2 | 167 | CAULIFLOWER | FS | | 3.7 | 278.7 | <LOD | 2243.3 | | | | | | |
| B2 | 168 | CABBAGE | FS | | <LOD | 441 | <LOD | 3299.5 | | | | | | |
| B2 | 169 | CABBAGE | FS | | 4 | 196.4 | <LOD | 1370.7 | | | | | | |
| B2 | 170 | PAK CHOI | FS | | 26.5 | 287.2 | 155.4 | 783.3 | | | | | | |
| B2 | 171 | LETTUCE | FS | | 25.2 | 845.5 | 40.8 | 2345.2 | | | | | | |
| B2 | 173 | COURGETTE | FS | Unpeeled | <LOD | 700.5 | <LOD | 3084.3 | Peeled | <LOD | 547.7 | <LOD | 2455.1 | |
| B2 | 174 | CARROT | FS | Peeled | <LOD | 370.7 | 16.3 | 1903.4 | Unpeeled | <LOD | 458.8 | 24.8 | 1942.1 | |
| B2 | 176 | SWEDE | FS | Peeled | 5.5 | 250 | <LOD | 1588.2 | Unpeeled | 9.3 | 298.7 | 24.9 | 1790.3 | |
| B2 | 178 | POTATO | FS | Peeled | 12.6 | 681.4 | <LOD | 1850.4 | Unpeeled | 12.9 | 707.7 | 36.5 | 1842.7 | |
| B2 | 180 | STRAWBERRIES | GG | | <LOD | 315.9 | <LOD | 712.9 | | | | | | |
| B2 | 181 | CABBAGE | GG | | 5.2 | 267.4 | <LOD | 1381.5 | | | | | | |
| B2 | 182 | LETTUCE | GG | | 9.6 | 180.3 | 11.2 | 1043.3 | | | | | | |
| B2 | 183 | LETTUCE, OAK LEAF | GG | | 46.2 | 525.7 | 29.5 | 641.4 | | | | | | |
| B2 | 184 | CAULIFLOWER | GG | | <LOD | 280.7 | <LOD | 1965.1 | | | | | | |
| B2 | 185 | POTATO, NEW | GG | Peeled | 3.8 | 858.6 | <LOD | 1774.7 | Unpeeled | 4.2 | 901.1 | 71.2 | 1533.3 | |
| B2 | 187 | POTATO | GG | Peeled | <LOD | 1301.8 | <LOD | 1881.9 | Unpeeled | 7 | 355.9 | 347.2 | 384.1 | |
| B2 | 189 | STRAWBERRIES | GC | | <LOD | 488 | <LOD | 864.6 | | | | | | |
| B2 | 191 | COURGETTE | GC | Unpeeled | <LOD | 635.9 | 11.8 | 2625.4 | Peeled | <LOD | 325.2 | <LOD | 1254 | |
| B2 | 192 | GOOSEBERRIES | GC | | <LOD | 1238.7 | <LOD | 1590.6 | | | | | | |
| B2 | 193 | BROCCOLI / CALABRESE | GC | | 4.9 | 690.7 | <LOD | 5625.5 | | | | | | |
| B2 | 194 | CAULIFLOWER | GC | | 4 | 358.2 | <LOD | 2427.3 | | | | | | |
| B2 | 195 | POTATO, NEW | GC | Peeled | 8.5 | 559.8 | <LOD | 763.4 | Unpeeled | 8.9 | 1449.4 | 15.4 | 1654.6 | |
| B2 | 197 | POTATO, NEW, ORGANIC | GG | Peeled | 9.8 | 1100.2 | <LOD | 2057.3 | Unpeeled | 9.6 | 1359.1 | 35.3 | 5705.6 | |
| B2 | 199 | SPINACH | GG | | 61.8 | 1013.1 | 26.3 | 5770.7 | | | | | | |
| B2 | 200 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 655.9 | | | | | | |

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|----|-----|-------------------------|----|--------|------|--------|-------|--------|----------|------|--------|------|--------|--|
| B2 | 201 | GOOSEBERRIES | GG | | <LOD | 291.9 | <LOD | 669.1 | | | | | | |
| B2 | 202 | CABBAGE | GG | | 3.7 | 311.7 | <LOD | 2431.6 | | | | | | |
| B2 | 203 | BROCCOLI / CALABRESE | GG | | 4.9 | 657 | <LOD | 3464.2 | | | | | | |
| B2 | 204 | POTATO, NEW | GG | Peeled | 10.5 | 799.9 | <LOD | 2272.8 | Unpeeled | 8.4 | 992.6 | 11.2 | 1633.1 | |
| B2 | 206 | RASPBERRIES | HB | | <LOD | 670.4 | <LOD | 2500.2 | | | | | | |
| B2 | 207 | RHUBARB | HB | | 17.8 | 341.7 | 25.3 | 3671.1 | | | | | | |
| B2 | 208 | LETTUCE, OAK LEAF | GG | | 18.3 | 379.9 | 23.9 | 2257.7 | | | | | | |
| B2 | 209 | LETTUCE | GG | | 24.6 | 468.2 | 50 | 2828.8 | | | | | | |
| B2 | 210 | RASPBERRIES | GG | | <LOD | 900.1 | <LOD | 2891.6 | | | | | | |
| B2 | 211 | GOOSEBERRIES | GG | | <LOD | 461.9 | <LOD | 803.6 | | | | | | |
| B2 | 212 | BROADBEAN | GG | | <LOD | 2162.3 | <LOD | 5044.1 | | | | | | |
| B2 | 213 | POTATO, NEW | GG | Peeled | 11 | 647.8 | 12.2 | 1826.1 | Unpeeled | 23.7 | 764.9 | 20.5 | 2049.1 | |
| B2 | 215 | STRAWBERRIES | GG | | <LOD | 294.9 | <LOD | 815 | | | | | | |
| B2 | 216 | RASPBERRIES | GG | | <LOD | 563.6 | <LOD | 2009.8 | | | | | | |
| B2 | 217 | GOOSEBERRIES | GG | | <LOD | 595.4 | <LOD | 1065 | | | | | | |
| B2 | 218 | LETTUCE, LOLLO ROSSO | GG | | 38 | 390.3 | 179.2 | 3461.3 | | | | | | |
| B2 | 219 | LETTUCE | GG | | 16.8 | 587.6 | 233.5 | 3017.4 | | | | | | |
| B2 | 220 | CABBAGE, SAVOY | GG | | <LOD | 387.1 | <LOD | 2311 | | | | | | |
| B2 | 221 | POTATO, NEW | GG | Peeled | 19 | 666.8 | <LOD | 2581.2 | Unpeeled | 22.3 | 782.8 | 16.2 | 2293.4 | |
| B2 | 223 | SALAD, MIXED, ORGANIC | GG | | 19.6 | 867 | 236.1 | 3822.5 | | | | | | |
| B2 | 224 | SPINACH, ORGANIC | GG | | 40.9 | <LOD | <LOD | 884.9 | | | | | | |
| B2 | 225 | GREENS, SPRING, ORGANIC | GG | | 9.7 | 259.8 | 76.5 | 2157.7 | | | | | | |
| B2 | 226 | POTATO, NEW, ORGANIC | GG | Peeled | 6.5 | 308.1 | <LOD | 1736.6 | Unpeeled | 6.3 | 399.4 | 28.8 | 2277.1 | |
| B2 | 228 | STRAWBERRIES | GG | | <LOD | 377.6 | <LOD | 746.7 | | | | | | |
| B2 | 229 | RASPBERRIES | GG | | <LOD | 708.3 | <LOD | 1915.1 | | | | | | |
| B2 | 230 | RHUBARB | GG | | 28.4 | 358.4 | 29.9 | 2195.6 | | | | | | |
| B2 | 231 | BROCCOLI / CALABRESE | GG | | 4.5 | 650.8 | <LOD | 5925.8 | | | | | | |
| B2 | 232 | BROADBEAN | GG | | <LOD | 2645.2 | <LOD | 6328.8 | | | | | | |
| B2 | 233 | CABBAGE, SAVOY | GG | | <LOD | 384.2 | <LOD | 1910.6 | | | | | | |
| B2 | 234 | CABBAGE | GG | | <LOD | <LOD | <LOD | 1013.9 | | | | | | |
| B2 | 235 | LEEK | GG | | <LOD | 383.8 | <LOD | 1829.7 | | | | | | |
| B2 | 236 | POTATO, NEW | GG | Peeled | 4.1 | 1482.8 | 11 | 3205.7 | Unpeeled | 6.1 | 2032.3 | 26.8 | 3637 | |
| B2 | 238 | STRAWBERRIES | HB | | 4.6 | 318.4 | 330.2 | 221.7 | | | | | | |
| B2 | 239 | CAULIFLOWER | HB | | <LOD | 235.6 | <LOD | 1857.2 | | | | | | |
| B2 | 240 | POTATO, NEW | HB | Peeled | 6 | 917.9 | <LOD | 1963.3 | Unpeeled | 8.3 | 917.2 | 24.3 | 2080.1 | |
| B2 | 242 | STRAWBERRIES | FS | | <LOD | <LOD | 8.9 | 829.1 | | | | | | |

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|----|-----|----------------------|----|----------|------|--------|-------|--------|----------|------|--------|------|--------|--|
| B2 | 243 | GOOSEBERRIES | FS | | <LOD | 473.8 | <LOD | 852.3 | | | | | | |
| B2 | 244 | GREENS, SPRING | FS | | <LOD | 369.1 | 22 | 2116.7 | | | | | | |
| B2 | 245 | STRAWBERRIES | FS | | <LOD | <LOD | <LOD | 1008.4 | | | | | | |
| B2 | 246 | CAULIFLOWER | FS | | 7.3 | 281.2 | <LOD | 2365.3 | | | | | | |
| B2 | 247 | CABBAGE | FS | | 8.9 | 280.5 | 297.6 | 203.3 | | | | | | |
| B2 | 248 | LEEK | FS | | 4.2 | <LOD | <LOD | 1877.7 | | | | | | |
| B2 | 249 | CARROT | FS | Peeled | <LOD | 444.1 | 12.9 | 1778.4 | Unpeeled | <LOD | 295 | <LOD | 1102.9 | |
| B2 | 251 | PARSNIP | FS | Peeled | 14 | 193.2 | <LOD | 957.2 | Unpeeled | 17.8 | <LOD | <LOD | 736.9 | |
| B2 | 253 | SWEDE | FS | Peeled | 5.8 | 509.3 | <LOD | 1108.6 | Unpeeled | 6.8 | 347.5 | 13.4 | 1645.4 | |
| B2 | 255 | POTATO, NEW | FS | Peeled | <LOD | 454.9 | 9 | 1525.6 | Unpeeled | 4.2 | <LOD | <LOD | 592.6 | |
| B2 | 257 | POTATO | FS | Peeled | 8.1 | 1436 | <LOD | 2700.7 | Unpeeled | 10.6 | 1551.8 | <LOD | 2814.1 | |
| B2 | 259 | BEETROOT | FS | Peeled | 56.9 | 1087 | 11.9 | 2509.8 | Unpeeled | 57.8 | 933.4 | <LOD | 2490.6 | |
| B2 | 261 | POTATO | FS | Peeled | 5.5 | 1322.3 | <LOD | 1863.2 | Unpeeled | 3.7 | 1184.6 | 34.8 | 1841.5 | |
| B2 | 263 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 882.4 | | | | | | |
| B2 | 264 | LETTUCE | GG | | 9.7 | 237.4 | <LOD | 985.1 | | | | | | |
| B2 | 265 | GOOSEBERRIES | GG | | <LOD | 499.7 | <LOD | 977.2 | | | | | | |
| B2 | 266 | BLACKCURRANTS | GG | | <LOD | 854.3 | <LOD | 2310.1 | | | | | | |
| B2 | 267 | LOGANBERRY | GG | | <LOD | 675.7 | <LOD | 1455.7 | | | | | | |
| B2 | 268 | BLACKCURRANTS | GG | | <LOD | 775.6 | <LOD | 2074.3 | | | | | | |
| B2 | 269 | REDCURRENTS | GG | | <LOD | 607.6 | 9.2 | 1426.4 | | | | | | |
| B2 | 270 | SWEDE | GG | Peeled | <LOD | <LOD | <LOD | 543.2 | Unpeeled | <LOD | <LOD | <LOD | 535.4 | |
| B2 | 273 | COURGETTE | GG | Unpeeled | <LOD | 744.3 | <LOD | 2698.8 | Peeled | <LOD | 808.6 | <LOD | 2716.1 | |
| B2 | 274 | CAULIFLOWER | GG | | <LOD | 246.7 | <LOD | 1497.7 | | | | | | |
| B2 | 275 | BROCCOLI / CALABRESE | GG | | 8.5 | 614.6 | <LOD | 3984.6 | | | | | | |
| B2 | 276 | POTATO, NEW | GG | Peeled | <LOD | 484.5 | <LOD | 1292.1 | Unpeeled | 4.7 | 494.2 | 90.6 | 1499.1 | |
| B2 | 278 | CABBAGE | GG | | 4.6 | 230.4 | <LOD | 1064.1 | | | | | | |
| B2 | 279 | BROCCOLI / CALABRESE | FS | | <LOD | 427.3 | <LOD | 4233.8 | | | | | | |
| B2 | 280 | CABBAGE, SAVOY | FS | | 4.7 | 261.5 | <LOD | 1635.1 | | | | | | |
| B2 | 282 | COURGETTE | FS | Unpeeled | <LOD | 729 | <LOD | 3367.3 | Peeled | <LOD | 629 | <LOD | 2619 | |
| B2 | 283 | PEAS | FS | | <LOD | 2573.6 | <LOD | 9101.1 | | | | | | |
| B2 | 284 | BROADBEAN | FS | | <LOD | 2874.1 | <LOD | 6059.5 | | | | | | |
| B2 | 285 | CABBAGE, SAVOY | FS | | <LOD | 457.7 | <LOD | 2279.1 | | | | | | |
| B2 | 286 | POTATO, NEW | FS | Peeled | 10.1 | 319.4 | <LOD | 939.5 | Unpeeled | 10.6 | 501 | 9 | 1244.9 | |
| B2 | 288 | SAMPHIRE | GG | | 12.4 | 657 | 20.2 | 2634 | | | | | | |
| B2 | 290 | COURGETTE | GG | Unpeeled | <LOD | 818 | <LOD | 4199.2 | Peeled | <LOD | 943.1 | <LOD | 4130.2 | |
| B2 | 291 | POTATO, RED | GG | Peeled | 12.1 | 387 | <LOD | 1667 | Unpeeled | 26.2 | 424.3 | 12.2 | 2062.8 | |
| B2 | 293 | GOOSEBERRIES | GG | | <LOD | 803.6 | 191.8 | 2612.7 | | | | | | |
| B2 | 294 | LETTUCE, COS | GG | | 29.8 | 265.8 | 32.7 | 2404.3 | | | | | | |
| B2 | 295 | STRAWBERRIES | GG | | <LOD | 529.1 | <LOD | 833.3 | | | | | | |
| B2 | 296 | STRAWBERRIES | MS | | <LOD | 360.7 | <LOD | 649.2 | | | | | | |
| B2 | 297 | GOOSEBERRIES | MS | | <LOD | 336.1 | 58.7 | 1949.8 | | | | | | |
| B2 | 298 | STRAWBERRIES | GG | | 4.3 | 436.4 | <LOD | 862.6 | | | | | | |

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|----|-----|----------------------|----|----------|------|--------|------|--------|----------|------|--------|------|--------|--|
| B2 | 299 | GOOSEBERRIES | GG | | <LOD | 183.6 | 13.5 | 601.8 | | | | | | |
| B2 | 300 | LETTUCE, RED | GG | | 32 | <LOD | <LOD | <LOD | | | | | | |
| B2 | 301 | LETTUCE | GG | | 5.9 | 201.5 | <LOD | 1321 | | | | | | |
| B2 | 302 | POTATO, NEW | GG | Peeled | 6.6 | 307.3 | <LOD | 1948.9 | Unpeeled | 9.1 | 298.9 | <LOD | 1914.1 | |
| B2 | 304 | PEAS | MS | | <LOD | 2924.6 | <LOD | 8847.7 | | | | | | |
| B2 | 305 | BROCCOLI / CALABRESE | MS | | 8.4 | 503.5 | <LOD | 3668.8 | | | | | | |
| B2 | 306 | POTATO, NEW | MS | Peeled | 4.5 | 422 | 26.8 | 2706 | Unpeeled | 5.2 | 417.6 | 9.3 | 887.1 | |
| B2 | 308 | CABBAGE, SAVOY | MS | | <LOD | 198.2 | <LOD | 1572.3 | | | | | | |
| B2 | 309 | CABBAGE | MS | | <LOD | <LOD | <LOD | 902.9 | | | | | | |
| B2 | 310 | BROCCOLI / CALABRESE | GG | | <LOD | 512.7 | <LOD | 3384.7 | | | | | | |
| B2 | 311 | SWEDE | GG | Peeled | <LOD | 248.9 | <LOD | 1025.2 | Unpeeled | 5.2 | 295 | 23.3 | 1098.6 | |
| B2 | 313 | CABBAGE, SAVOY | GG | | <LOD | 256 | <LOD | 2346.1 | | | | | | |
| B2 | 314 | CABBAGE | GG | | 3.7 | 242.9 | <LOD | 1957.5 | | | | | | |
| B2 | 315 | CABBAGE | GG | | 6.2 | 232.7 | <LOD | 1350.7 | | | | | | |
| B2 | 316 | POTATO, NEW | GG | Peeled | 6.3 | 939.1 | <LOD | 1903.7 | Unpeeled | 5.4 | 989.9 | 29.8 | 2853.8 | |
| B2 | 318 | POTATO | GG | Peeled | 7.5 | 347 | <LOD | 2392.7 | Unpeeled | 9.3 | 299.7 | <LOD | 1487.7 | |
| B3 | 1 | RUNNER BEANS | FS | | <LOD | 852.6 | <LOD | 3355.1 | | | | | | |
| B3 | 2 | TOMATO | FS | | <LOD | 276.6 | <LOD | 916.5 | | | | | | |
| B3 | 4 | COURGETTE | FS | Unpeeled | <LOD | 1709.5 | <LOD | 5100.2 | Peeled | <LOD | 1302.6 | <LOD | 3959.5 | |
| B3 | 5 | TOMATO | FS | | <LOD | 372.7 | <LOD | 1726.5 | | | | | | |
| B3 | 6 | LETTUCE | FS | | 13 | 259.3 | 27.7 | 1405.9 | | | | | | |
| B3 | 7 | GREENS, SPRING | FS | | <LOD | 394.9 | <LOD | 2121.3 | | | | | | |
| B3 | 8 | POTATO | FS | Peeled | <LOD | 1539 | <LOD | 3323.8 | Unpeeled | 3.7 | 1327.3 | <LOD | 2994.6 | |
| B3 | 10 | CARROT | FS | Peeled | 19.6 | 455.7 | 32 | 2762.3 | Unpeeled | 27.6 | 643.4 | 23.7 | 2873.3 | |
| B3 | 12 | BEETROOT | FS | Peeled | 16.1 | 1161.3 | 16.5 | 3580.9 | Unpeeled | 19.6 | 1346.2 | 52.3 | 4153.6 | |
| B3 | 14 | ONION | FS | | 23.4 | 459 | <LOD | 2997.1 | | | | | | |
| B3 | 15 | BROCCOLI / CALABRESE | FS | | 22.8 | 773.7 | <LOD | 6701.8 | | | | | | |
| B3 | 16 | POTATO | GG | Peeled | <LOD | 645.9 | <LOD | 1666 | Unpeeled | 4.4 | 869.1 | <LOD | 2094.6 | |
| B3 | 18 | CARROT | GG | Peeled | 11.5 | 377.1 | 12.6 | 3116.8 | Unpeeled | 19.2 | 493.8 | 18.1 | 2908 | |
| B3 | 21 | COURGETTE | GG | Unpeeled | <LOD | 989.7 | <LOD | 3865.1 | Peeled | <LOD | 690.7 | <LOD | 3201.8 | |
| B3 | 22 | LETTUCE | GG | | 10.4 | 189.8 | 18.4 | 1556.1 | | | | | | |
| B3 | 23 | TOMATO | GG | | 3.8 | 510.4 | <LOD | 1996.5 | | | | | | |
| B3 | 24 | SQUASH | GG | Peeled | 4.5 | 730 | <LOD | 3992.1 | Unpeeled | 5.1 | 789.1 | <LOD | 3980.5 | |
| B3 | 26 | GREENS, SPRING | GG | | 40.4 | 379.4 | <LOD | 3899.4 | | | | | | |
| B3 | 27 | POTATO | GG | Peeled | 15.9 | 1759.8 | <LOD | 2843.5 | Unpeeled | 12.4 | 1585.1 | 27 | 3440.3 | |
| B3 | 29 | CARROT | GG | Peeled | 19.3 | 421.3 | 27.1 | 3105.9 | Unpeeled | 26.6 | 561.7 | 35 | 2980.5 | |
| B3 | 32 | COURGETTE | GG | Unpeeled | <LOD | 1909.7 | <LOD | 5428.7 | Peeled | <LOD | 1446.8 | <LOD | 4514 | |
| B3 | 33 | LETTUCE | GG | | 10 | 257.2 | <LOD | 1657.2 | | | | | | |
| B3 | 34 | STRAWBERRIES | GG | | <LOD | 584.1 | <LOD | 1230.2 | | | | | | |
| B3 | 35 | POTATO | GG | Peeled | 11.9 | 3772.6 | <LOD | 3902.4 | Unpeeled | 16.8 | 1548.4 | <LOD | 3307.6 | |
| B3 | 37 | CARROT | GG | Peeled | 12.1 | 278.9 | 35.4 | 2122.4 | Unpeeled | 16.3 | 387.2 | 32.7 | 2238.2 | |

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|----|-----|----------------------|----|----------|------|--------|-------|---------|----------|------|--------|------|--------|
| B3 | 39 | BEETROOT | GG | Peeled | 10.1 | 950.2 | <LOD | 2512.1 | Unpeeled | 12.7 | 1220.5 | 20.7 | 3316.6 |
| B3 | 41 | ONION | GG | | 29.6 | 544.2 | <LOD | 2765.1 | | | | | |
| B3 | 42 | LETTUCE, COS | GG | | 27.2 | 276.6 | 15.8 | 2049.7 | | | | | |
| B3 | 43 | RUNNER BEANS | GG | | <LOD | 402.9 | <LOD | 2661.5 | | | | | |
| B3 | 45 | COURGETTE | GG | Unpeeled | <LOD | 1152.3 | <LOD | 4870.9 | Peeled | <LOD | 1171.3 | <LOD | 4180.7 |
| B3 | 47 | COURGETTE | GG | Unpeeled | <LOD | 778.5 | 10.2 | 3986.2 | Peeled | <LOD | 751.7 | <LOD | 3312.1 |
| B3 | 48 | BROCCOLI / CALABRESE | GG | | 17.1 | 719 | <LOD | 5824.5 | | | | | |
| B3 | 50 | COURGETTE | GG | Unpeeled | <LOD | 778.2 | <LOD | 4014.5 | Peeled | <LOD | 870 | <LOD | 3708.5 |
| B3 | 52 | COURGETTE | GG | Unpeeled | <LOD | 1084.1 | <LOD | 5201.8 | Peeled | <LOD | 1053.6 | <LOD | 4266.1 |
| B3 | 53 | CABBAGE, RED | GG | | <LOD | 257.1 | <LOD | 2011.2 | | | | | |
| B3 | 54 | KALE, CURLY | GG | | 39.2 | 497 | <LOD | 3942.7 | | | | | |
| B3 | 55 | CHARD | GG | | 26.3 | 729.6 | <LOD | 3260.5 | | | | | |
| B3 | 57 | COURGETTE | GG | Unpeeled | <LOD | 661.5 | <LOD | 2486.2 | Peeled | <LOD | 608.6 | <LOD | 2270.8 |
| B3 | 59 | COURGETTE | GG | Unpeeled | <LOD | 632.1 | <LOD | 2842.3 | Peeled | <LOD | 339.5 | <LOD | 1855.8 |
| B3 | 60 | POTATO | GG | Peeled | 5.5 | 1390 | <LOD | 3238.7 | Unpeeled | 6.7 | 1530.9 | <LOD | 2961.3 |
| B3 | 63 | CUCUMBER | GG | Unpeeled | <LOD | 249.9 | <LOD | 1330.9 | Peeled | <LOD | 183.8 | <LOD | 1229.4 |
| B3 | 64 | RUNNER BEANS | GG | | <LOD | 397.2 | <LOD | 3017.4 | | | | | |
| B3 | 65 | ONION | GG | | 8.8 | 1150.3 | <LOD | 3762.8 | | | | | |
| B3 | 66 | LEEK | GG | | 34.7 | 415.9 | <LOD | 2815.1 | | | | | |
| B3 | 67 | POTATO | GG | Peeled | 9.9 | 1495.7 | <LOD | 3104.5 | Unpeeled | 10.9 | 1564.6 | 17 | 3284.7 |
| B3 | 69 | POTATO | GG | Peeled | 3.7 | 1229.1 | <LOD | 2376.5 | Unpeeled | 4.2 | 1350.1 | <LOD | 2096.7 |
| B3 | 71 | SPINACH | GG | | 48 | 1251 | 150.9 | 27067.4 | | | | | |
| B3 | 72 | SQUASH | GG | Peeled | 5.5 | 749.7 | <LOD | 2778.2 | Unpeeled | 6.1 | 815.5 | <LOD | 2725.9 |
| B3 | 74 | SQUASH | GG | Peeled | <LOD | 737.2 | <LOD | 1738 | Unpeeled | <LOD | 820.9 | <LOD | 1951.5 |
| B3 | 76 | LEEK | GG | | 9.9 | 1051.5 | <LOD | 2439.9 | | | | | |
| B3 | 77 | POTATO | FS | Peeled | 3.9 | 1018.3 | <LOD | 2085.5 | Unpeeled | 4.8 | 1024.6 | <LOD | 2318.7 |
| B3 | 79 | RUNNER BEANS | FS | | <LOD | 323.2 | 9.8 | 2973.4 | | | | | |
| B3 | 80 | CABBAGE, SAVOY | FS | | <LOD | 294.3 | 9.7 | 2054.6 | | | | | |
| B3 | 81 | PARSNIP | GG | Peeled | 9.1 | 653 | 19.7 | 2093.3 | Unpeeled | 12.5 | 760 | <LOD | 2093.7 |
| B3 | 83 | STRAWBERRIES | FM | | <LOD | <LOD | <LOD | 1299.7 | | | | | |
| B3 | 84 | TOMATO | FM | | 5.6 | 314.7 | <LOD | 1097.8 | | | | | |
| B3 | 86 | APPLES | FM | Unpeeled | <LOD | 381.6 | <LOD | 459.3 | Peeled | <LOD | 360.5 | <LOD | 704.3 |
| B3 | 88 | CUCUMBER | FM | Unpeeled | <LOD | <LOD | <LOD | 1315.2 | Peeled | <LOD | <LOD | <LOD | 1213.4 |
| B3 | 90 | COURGETTE | FM | Unpeeled | <LOD | 371.3 | <LOD | 3320.9 | Peeled | <LOD | 468.5 | <LOD | 2914.5 |
| B3 | 91 | CARROT | FM | Peeled | 26.8 | 512.6 | 44 | 2985.3 | Unpeeled | 31 | 612 | 43.5 | 2997.8 |
| B3 | 93 | BEETROOT | FM | Peeled | 15.1 | 869.6 | <LOD | 4849.5 | Unpeeled | 17.8 | 1112.2 | 15 | 6334.9 |
| B3 | 95 | STRAWBERRIES | GG | | <LOD | <LOD | 23.4 | 952.9 | | | | | |
| B3 | 96 | TOMATO | GG | | 10.5 | 541.2 | <LOD | 1540 | | | | | |
| B3 | 97 | LETTUCE, OAK LEAF | GG | | 49.3 | 661.6 | 39.5 | 1305.3 | | | | | |
| B3 | 98 | RASPBERRIES | GG | | <LOD | 542.5 | <LOD | 2113 | | | | | |
| B3 | 99 | STRAWBERRIES | GG | | 17.2 | 265.2 | <LOD | 1303.6 | | | | | |
| B3 | 100 | CARROT | GG | Peeled | 20 | 250.7 | <LOD | 1621.1 | Unpeeled | 27.4 | 363.5 | 8.1 | 1599.1 |

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|----|-----|----------------------|----|----------|------|--------|------|--------|----------|------|--------|------|--------|
| B3 | 102 | BROCCOLI / CALABRESE | GG | | 9.2 | 1009.7 | <LOD | 7644.3 | | | | | |
| B3 | 103 | RUNNER BEANS | GG | | <LOD | 319 | <LOD | 2487.4 | | | | | |
| B3 | 104 | BEETROOT | GG | Peeled | 15.6 | 1689 | <LOD | 4928.2 | Unpeeled | 18.4 | 1786.4 | 13.7 | 5646.3 |
| B3 | 106 | PARSNIP | GG | Peeled | 32.4 | 701.5 | 21.8 | 3593.9 | Unpeeled | 30 | 631 | 16.1 | 2950.5 |
| B3 | 109 | COURGETTE | GG | Unpeeled | <LOD | 1003.4 | <LOD | 3262.4 | Peeled | <LOD | 1359 | <LOD | 3001.5 |
| B3 | 110 | POTATO | GG | Peeled | 6.6 | 1563.2 | <LOD | 4073.9 | Unpeeled | 7.1 | 1717.8 | <LOD | 3510.6 |
| B3 | 112 | POTATO | FS | Peeled | 11.4 | 1502.4 | <LOD | 2776.5 | Unpeeled | 15.2 | 1728.8 | <LOD | 2524.6 |
| B3 | 114 | SQUASH | FS | Peeled | 4.8 | 669.4 | <LOD | 2747.7 | Unpeeled | 4.2 | 784.3 | <LOD | 2874.1 |
| B3 | 116 | TOMATO | GG | | 4.8 | 509.1 | <LOD | 1296.3 | | | | | |
| B3 | 117 | GREENS, SPRING | GG | | <LOD | 225.7 | <LOD | 2139.1 | | | | | |
| B3 | 118 | SALAD, MIXED LEAFY | GG | | 61.5 | 861.7 | 81.2 | 5584.1 | | | | | |
| B3 | 119 | CARROT | GG | Peeled | <LOD | <LOD | 9.8 | 1358.7 | Unpeeled | 4.5 | 246.8 | 22.2 | 1421.6 |
| B3 | 121 | BEETROOT | GG | Peeled | 36 | 1084.1 | 35.9 | 3192.4 | Unpeeled | 39 | 1325.8 | 35 | 3559.8 |
| B3 | 123 | LETTUCE, OAK LEAF | FS | | 10 | 590.6 | 64.3 | 5019.2 | | | | | |
| B3 | 124 | TOMATO | FS | | <LOD | 269.1 | <LOD | 741.8 | | | | | |
| B3 | 125 | GREENS, SPRING | FS | | 5.7 | 270.9 | <LOD | 2429.1 | | | | | |
| B3 | 126 | CARROT | FS | Peeled | 13.3 | 417.8 | 8.5 | 3041.2 | Unpeeled | 19.8 | 527.9 | 16.3 | 2594.2 |
| B3 | 128 | PARSNIP | FS | Peeled | 5.8 | 1026.7 | 35.7 | 4738.6 | Unpeeled | 6.2 | 1337.8 | 33.6 | 3972.1 |
| B3 | 130 | POTATO | GG | Peeled | 8.3 | 911.8 | <LOD | 2289.6 | Unpeeled | 9.5 | 1026.3 | <LOD | 2394.6 |
| B3 | 132 | COURGETTE | GG | Peeled | <LOD | 542.7 | <LOD | 2081.8 | Unpeeled | <LOD | 662.2 | <LOD | 2487.7 |
| B3 | 134 | CARROT | GG | Peeled | <LOD | 378.7 | 32.9 | 2104.9 | Unpeeled | <LOD | 596.2 | 33 | 2128.9 |
| B3 | 136 | CABBAGE | GG | | 8.4 | 248.2 | <LOD | 1425.9 | | | | | |
| B3 | 137 | TOMATO | FM | | 4.1 | 449.5 | <LOD | 1604.3 | | | | | |
| B3 | 138 | CHARD | FM | | 30.1 | 929.1 | 68.9 | 4710.6 | | | | | |
| B3 | 140 | COURGETTE | FM | Unpeeled | <LOD | 582.4 | <LOD | 3765.2 | Peeled | <LOD | 525.4 | <LOD | 3508.7 |
| B3 | 141 | BEETROOT | FM | | 30 | 1116.4 | 11.4 | 5602.9 | | | | | |
| B3 | 142 | BEETROOT | FM | | 32 | 1246.3 | 11.7 | 6034.3 | | | | | |
| B3 | 143 | SQUASH | FM | Peeled | 4.8 | 530.5 | <LOD | 6460 | Unpeeled | 4.4 | 589.3 | <LOD | 5784.7 |
| B3 | 145 | KALE, CURLY | FS | | <LOD | 688.2 | 10.4 | 3213.2 | | | | | |
| B3 | 146 | RHUBARB | FS | | 12.9 | 261.3 | 31.5 | 1424.7 | | | | | |
| B3 | 147 | TOMATO | FS | | <LOD | 298.2 | <LOD | 813.4 | | | | | |
| B3 | 148 | RUNNER BEANS | FS | | <LOD | 710.5 | <LOD | 3002.4 | | | | | |
| B3 | 149 | ROMANESCO BROCCOLI | FS | | <LOD | 381.3 | <LOD | 3661.6 | | | | | |
| B3 | 150 | PARSNIP | FS | Peeled | <LOD | 848 | <LOD | 3209.7 | Unpeeled | <LOD | 990.4 | 15 | 3365.7 |
| B3 | 153 | APPLES | FS | Unpeeled | <LOD | 307.2 | <LOD | 514.7 | Peeled | <LOD | 227.6 | <LOD | 768.1 |
| B3 | 155 | APPLES | FS | Unpeeled | <LOD | 304.2 | <LOD | 608.8 | Peeled | <LOD | 273 | <LOD | 608.8 |
| B3 | 157 | APPLES | FS | Unpeeled | <LOD | 275 | <LOD | 430.5 | Peeled | <LOD | 227.4 | <LOD | 555.8 |
| B3 | 158 | PARSNIP | FS | Peeled | <LOD | 892.4 | 8.4 | 3262 | Unpeeled | <LOD | 817.2 | 25.5 | 2501.9 |
| B3 | 161 | COURGETTE | FS | Unpeeled | <LOD | 510.4 | 16.7 | 2545.7 | Peeled | <LOD | 558.8 | <LOD | 2676.7 |
| AM | 1 | GREENS, SPRING | GG | | 8.3 | 275.9 | <LOD | 2626.4 | | | | | |

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|----|----|----------------|----|--------|------|--------|-------|--------|----------|------|--------|------|--------|--|
| AM | 2 | LETTUCE | GG | | 6.2 | <LOD | <LOD | 1490.6 | | | | | | |
| AM | 3 | ASPARAGUS | GG | | <LOD | 1579.9 | <LOD | 6690 | | | | | | |
| AM | 4 | LETTUCE, RED | GG | | 16.5 | 677.8 | 64.7 | 3272 | | | | | | |
| AM | 5 | STRAWBERRIES | GG | | <LOD | 348.4 | <LOD | 808.9 | | | | | | |
| AM | 6 | RHUBARB | GG | | 10.6 | <LOD | 49.5 | 618.2 | | | | | | |
| AM | 7 | PEAS | FS | | <LOD | 1739.8 | <LOD | 7434.3 | | | | | | |
| AM | 8 | POTATO, NEW | | | | | | | Unpeeled | 10.1 | 1448.9 | <LOD | 2913.9 | |
| AM | 9 | STRAWBERRIES | FS | | <LOD | 316.8 | <LOD | 852.5 | | | | | | |
| AM | 10 | BROADBEAN | FS | | <LOD | 3512.6 | <LOD | 7634.8 | | | | | | |
| AM | 11 | GREENS, SPRING | FS | | 19.7 | 511.4 | <LOD | 3380.3 | | | | | | |
| AM | 12 | RADISHE | FS | | 5.7 | <LOD | <LOD | 1555.1 | | | | | | |
| AM | 13 | RHUBARB | HB | | 10.7 | 227.8 | 124 | 3121.5 | | | | | | |
| AM | 17 | ASPARAGUS | GG | | <LOD | 1911.5 | <LOD | 6956.7 | | | | | | |
| AM | 18 | POTATO, NEW | | | | | | | Unpeeled | 5.6 | 542.9 | 14.8 | 1980.5 | |
| AM | 19 | PARSNIP | GG | Peeled | 32.3 | 1246.8 | 40.3 | 2782.7 | | | | | | |
| AM | 20 | CABBAGE | GG | | <LOD | 428.2 | 12.7 | 4330.7 | | | | | | |
| AM | 21 | STRAWBERRIES | GG | | <LOD | 334.2 | <LOD | 582.4 | | | | | | |
| AM | 22 | CARROT | GG | Peeled | 18.8 | 252.3 | <LOD | 1129.2 | | | | | | |
| AM | 23 | RHUBARB | HB | | 37.7 | 479.3 | 43 | 5525.3 | | | | | | |
| AM | 25 | STRAWBERRIES | GG | | <LOD | 342.3 | 8.4 | 1048.6 | | | | | | |
| AM | 26 | RASPBERRIES | GG | | <LOD | 982.7 | <LOD | 3036.7 | | | | | | |
| AM | 27 | LETTUCE | GG | | 5.4 | 439.1 | <LOD | 2165.5 | | | | | | |
| AM | 28 | LEEK | GG | | 4.7 | 341.3 | <LOD | 1233.5 | | | | | | |
| AM | 29 | RHUBARB | GG | | <LOD | 262.8 | 11 | 827.1 | | | | | | |
| AM | 30 | STRAWBERRIES | GG | | <LOD | <LOD | <LOD | 444.1 | | | | | | |
| AM | 31 | ASPARAGUS | GG | | <LOD | 1892.7 | <LOD | 7559.9 | | | | | | |
| AM | 32 | POTATO, NEW | | | | | | | Unpeeled | 4 | 1329.6 | <LOD | 3319.6 | |
| AM | 42 | STRAWBERRIES | FS | | <LOD | 236.4 | <LOD | 685.9 | | | | | | |
| AM | 49 | BLUEBERRY | HB | | <LOD | 1642.4 | 15.3 | 2212.2 | | | | | | |
| AM | 50 | CHERRY | HB | | <LOD | 977.8 | <LOD | 1468.8 | | | | | | |
| AM | 51 | STRAWBERRIES | HB | | <LOD | <LOD | <LOD | 1654.8 | | | | | | |
| AM | 52 | CARROT | FF | Peeled | 3.6 | 234.2 | <LOD | 1562.2 | | | | | | |
| AM | 53 | CABBAGE | FF | | <LOD | 277.6 | <LOD | 2351.4 | | | | | | |
| AM | 54 | LEEK | FS | | 28.2 | 294.5 | <LOD | 2828.5 | | | | | | |
| AM | 55 | STRAWBERRIES | FS | | <LOD | 353.2 | <LOD | 962 | | | | | | |
| AM | 56 | POTATO, NEW | | | | | | | Unpeeled | 9.1 | 1656.3 | 13.3 | 3112.2 | |
| AM | 57 | ASPARAGUS | FS | | <LOD | 1972.7 | 14.8 | 7731.8 | | | | | | |
| AM | 58 | RHUBARB | GG | | 39.9 | 371.3 | 133.1 | 2092.2 | | | | | | |
| AM | 59 | STRAWBERRIES | FS | | <LOD | 476.3 | <LOD | 1336.6 | | | | | | |
| AM | 60 | STRAWBERRIES | FS | | <LOD | <LOD | <LOD | 1294.1 | | | | | | |
| AM | 62 | ASPARAGUS | FS | | <LOD | 1331.7 | <LOD | 4732.1 | | | | | | |
| AM | 63 | POTATO, NEW | | | | | | | Unpeeled | 16.4 | 937.7 | <LOD | 1982.8 | |
| AM | 64 | LETTUCE | FS | | 4.1 | <LOD | <LOD | 1333.5 | | | | | | |
| AM | 65 | STRAWBERRIES | FS | | <LOD | <LOD | <LOD | 977 | | | | | | |

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|----|----|-------------|----|--------|------|--------|------|--------|----------|------|-------|------|--------|--|
| AM | 66 | ASPARAGUS | FS | | <LOD | 1656.1 | <LOD | 6113.3 | | | | | | |
| AM | 67 | LETTUCE | FS | | 8.9 | <LOD | <LOD | 1982.1 | | | | | | |
| AM | 68 | CARROT | FS | Peeled | 8.7 | 639.8 | 30.7 | 3915.1 | Unpeeled | 12 | 904.1 | 22.1 | 3482.8 | |
| AM | 70 | BROADBEAN | FS | | <LOD | 3025.3 | <LOD | 6580.2 | | | | | | |
| AM | 71 | POTATO, NEW | | | | | | | Unpeeled | 4.3 | 765.4 | 36.1 | 2023.3 | |
| AM | 72 | POTATO, NEW | | | | | | | Unpeeled | 7.2 | 808.9 | 84.7 | 2260.7 | |
| AM | 73 | POTATO | FS | Peeled | <LOD | 727.8 | <LOD | 1959.9 | Unpeeled | <LOD | 770.9 | 69.8 | 1890.9 | |

Table B. Total cadmium, copper, lead and zinc concentration in all samples survey in the SW basket survey. Element concentrations are given as ng/g dry weight. Shop types HB = honesty box; FS = farm shop; GC = garden centre; GG = greengrocers; FM = farmers market; MS = market stall. Note that when no preparation method is given that the food item concerned does not usually have an alternative preparation.

| Survey code | Survey sample | Produce | Type shop | Preparation method | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g | Alternative preparation | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g |
|-------------|---------------|-------------------|-----------|--------------------|---------|---------|---------|---------|-------------------------|---------|---------|---------|---------|
| B1 | 12 | APPLES | HB | Unpeeled | 9140.3 | <LOD | <LOD | <LOD | Peeled | 39642.9 | 4237.7 | <LOD | <LOD |
| B1 | 13 | APPLES | FS | Unpeeled | 6999.7 | <LOD | <LOD | <LOD | Peeled | 6520.2 | 1324.9 | <LOD | <LOD |
| B1 | 14 | APPLES | FS | Unpeeled | 5599.1 | <LOD | <LOD | <LOD | Peeled | 6374.7 | <LOD | <LOD | <LOD |
| B1 | 15 | APPLES | CS | Unpeeled | 6723.8 | <LOD | <LOD | <LOD | Peeled | 8215.9 | <LOD | <LOD | <LOD |
| B1 | 16 | APPLES | FS | Unpeeled | 5308.5 | <LOD | <LOD | <LOD | Peeled | 8492.3 | 1420.0 | <LOD | <LOD |
| B1 | 17 | APPLES | GG | Unpeeled | 3475.3 | 1379.3 | <LOD | 2214.5 | Peeled | 9950.2 | <LOD | <LOD | <LOD |
| B1 | 18 | APPLES | FS | Unpeeled | 5556.6 | 1374.8 | <LOD | <LOD | Peeled | 6791.7 | 1704.4 | <LOD | <LOD |
| B1 | 19 | APPLES | FS | Unpeeled | 4208.7 | <LOD | <LOD | <LOD | Peeled | 6438.9 | 1893.7 | <LOD | <LOD |
| B1 | 20 | APPLES | FS | Unpeeled | 3863.3 | 1524.7 | <LOD | <LOD | Peeled | 2677.5 | 1224.0 | <LOD | <LOD |
| B1 | 21 | APPLES | GG | Unpeeled | 4326.2 | <LOD | <LOD | <LOD | Peeled | 3702.6 | <LOD | <LOD | <LOD |
| B1 | 22 | APPLES | FS | Unpeeled | 2723.9 | <LOD | <LOD | <LOD | Peeled | 3292.1 | <LOD | <LOD | <LOD |
| B1 | 24 | AUBERGINE | FS | Unpeeled | 10859.2 | 13641.2 | 84.4 | <LOD | Peeled | 7855.2 | 14379.1 | 69.5 | <LOD |
| B1 | 25 | BEETROOT | GC | Peeled | 14326.4 | 23935.2 | 49.2 | <LOD | | | | | |
| B1 | 26 | BEETROOT | FS | Peeled | 8013.4 | 21081.9 | <LOD | <LOD | Unpeeled | 7747.4 | 17583.1 | 42.3 | <LOD |
| B1 | 27 | BEETROOT | FS | Peeled | 5231.9 | 28197.7 | <LOD | <LOD | Unpeeled | 6379.7 | 26224.2 | <LOD | <LOD |
| B1 | 28 | BEETROOT | GG | Peeled | 9816.8 | 27021.2 | 72.2 | 2262.9 | | | | | |
| B1 | 29 | BEETROOT | GG | Peeled | 15331.1 | 25350.9 | 108.0 | <LOD | Unpeeled | 5557.3 | 17357.0 | 104.5 | <LOD |
| B1 | 30 | BEETROOT | HB | Peeled | 3405.3 | 71326.4 | 171.6 | 167.2 | Unpeeled | 6307.3 | 45590.6 | 77.0 | 83.0 |
| B1 | 31 | BEETROOT | FM | Peeled | 9559.3 | 33433.4 | 79.3 | 492.8 | Unpeeled | 9532.9 | 35918.3 | 102.9 | 470.4 |
| B1 | 37 | BRUSSEL SPROUTS | GG | | 2517.1 | 22263.3 | <LOD | <LOD | | | | | |
| B1 | 38 | BRUSSEL SPROUTS | GC | | 4680.6 | 16598.2 | 31.8 | <LOD | | | | | |
| B1 | 39 | BRUSSEL SPROUTS | HB | | 6386.7 | 15426.3 | <LOD | <LOD | | | | | |
| B1 | 40 | BRUSSEL SPROUTS | FS | | 4213.2 | 14251.5 | <LOD | <LOD | | | | | |
| B1 | 41 | BRUSSEL SPROUTS | HB | | 4254.3 | 12576.2 | 38.2 | <LOD | | | | | |
| B1 | 42 | SQUASH, BUTTERNUT | GG | Peeled | 18377.0 | 14043.7 | <LOD | <LOD | Unpeeled | 9223.5 | 16684.1 | <LOD | <LOD |
| B1 | 43 | SQUASH, BUTTERNUT | FM | Peeled | 6914.0 | 12228.6 | <LOD | <LOD | Unpeeled | 7020.3 | 10288.7 | <LOD | <LOD |
| B1 | 46 | CABBAGE | HB | | 7989.9 | 17235.5 | <LOD | <LOD | | | | | |
| B1 | 47 | CABBAGE | CS | | 11432.8 | 8322.7 | <LOD | <LOD | | | | | |
| B1 | 48 | CABBAGE | GC | | 19378.7 | 15062.2 | 50.9 | <LOD | | | | | |
| B1 | 49 | CABBAGE | FS | | 3467.1 | 11601.2 | 33.7 | <LOD | | | | | |
| B1 | 50 | CABBAGE | FS | | 6970.3 | 15223.5 | 108.3 | <LOD | | | | | |
| B1 | 51 | CABBAGE | FS | | 12152.2 | 28591.3 | <LOD | <LOD | | | | | |
| B1 | 52 | CABBAGE | HB | | 7148.0 | 18065.3 | <LOD | <LOD | | | | | |
| B1 | 53 | CABBAGE | FS | | 4672.5 | 14920.6 | 52.8 | <LOD | | | | | |

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|----|-----|----------------------|----|--------|---------|---------|-------|-------|----------|--------|---------|-------|-------|--|
| B1 | 54 | CABBAGE | HB | | 3373.0 | 16634.6 | 83.8 | <LOD | | | | | | |
| B1 | 55 | CABBAGE | GG | | 5968.7 | 12823.7 | 71.9 | <LOD | | | | | | |
| B1 | 56 | CABBAGE | GG | | 7994.6 | 17142.9 | <LOD | <LOD | | | | | | |
| B1 | 57 | CABBAGE | GG | | 7652.2 | 23230.6 | 136.6 | <LOD | | | | | | |
| B1 | 58 | CABBAGE | FS | | 4663.7 | 17296.5 | 41.3 | <LOD | | | | | | |
| B1 | 59 | CABBAGE | FS | | 5383.0 | 21800.3 | 53.5 | <LOD | | | | | | |
| B1 | 60 | BROCCOLI / CALABRESE | GG | | 19303.3 | 26194.0 | 40.5 | <LOD | | | | | | |
| B1 | 61 | BROCCOLI / CALABRESE | GC | | 10619.5 | 17120.8 | <LOD | <LOD | | | | | | |
| B1 | 62 | BROCCOLI / CALABRESE | GG | | 66580.0 | 36556.1 | 56.0 | <LOD | | | | | | |
| B1 | 63 | BROCCOLI / CALABRESE | GG | | 13940.3 | 36166.1 | 52.1 | <LOD | | | | | | |
| B1 | 64 | BROCCOLI / CALABRESE | FM | | 4967.6 | 36956.7 | 43.0 | <LOD | | | | | | |
| B1 | 65 | BROCCOLI / CALABRESE | FM | | 7661.9 | 31877.7 | 42.1 | <LOD | | | | | | |
| B1 | 66 | BROCCOLI / CALABRESE | GG | | 14659.9 | 36383.8 | 60.6 | <LOD | | | | | | |
| B1 | 67 | BROCCOLI / CALABRESE | GG | | 33469.5 | 44928.1 | 48.2 | 99.9 | | | | | | |
| B1 | 68 | CARROT | CS | Peeled | 1919.7 | 10446.9 | 140.1 | 575.7 | | | | | | |
| B1 | 69 | CARROT | HB | Peeled | 7543.9 | 20606.1 | 216.2 | <LOD | Unpeeled | 5087.9 | 34604.6 | 260.2 | 264.7 | |
| B1 | 70 | CARROT | GG | Peeled | 3631.4 | 9374.0 | 161.3 | 158.1 | Unpeeled | 4618.8 | 8819.5 | 101.3 | 282.4 | |
| B1 | 71 | CARROT | FS | Peeled | 4505.8 | 23551.2 | 289.9 | 97.7 | Unpeeled | 4724.6 | 22739.7 | 368.9 | 190.6 | |
| B1 | 72 | CARROT | FS | Peeled | 4080.4 | 24205.6 | 160.0 | 208.8 | Unpeeled | 6007.8 | 23903.2 | 217.0 | 211.3 | |
| B1 | 73 | CARROT | FS | Peeled | 3347.8 | 9669.9 | <LOD | <LOD | Unpeeled | 3796.1 | 11086.4 | <LOD | 123.7 | |
| B1 | 74 | CARROT | GG | Peeled | 1992.2 | 9319.2 | 94.2 | 545.5 | | | | | | |
| B1 | 75 | CARROT | FS | Peeled | <LOD | 10265.1 | 36.6 | 313.4 | Unpeeled | 2393.5 | 12665.4 | 56.0 | 516.8 | |
| B1 | 76 | CARROT | FM | Peeled | 2412.9 | 26113.5 | 260.1 | 314.7 | Unpeeled | 4780.0 | 25723.3 | 241.5 | 457.6 | |
| B1 | 77 | CARROT | GG | Peeled | 4692.5 | 47055.1 | 229.4 | 366.9 | Unpeeled | 4280.6 | 26386.6 | 184.9 | 271.6 | |
| B1 | 78 | CARROT | FS | Peeled | 2721.0 | 7094.4 | <LOD | <LOD | Unpeeled | 6103.0 | 9045.7 | <LOD | 80.2 | |
| B1 | 79 | CARROT | HB | Peeled | 7537.6 | 37761.7 | 171.9 | 376.9 | Unpeeled | 2530.4 | 23962.3 | 205.7 | 250.1 | |
| B1 | 90 | CAULIFLOWER | HB | | 9092.9 | 16051.7 | 94.9 | 109.6 | | | | | | |
| B1 | 91 | CAULIFLOWER | FS | | 5538.6 | 23670.5 | <LOD | <LOD | | | | | | |
| B1 | 92 | CAULIFLOWER | FS | | 7400.0 | 20022.3 | <LOD | <LOD | | | | | | |
| B1 | 93 | CAULIFLOWER | FS | | 4517.6 | 20060.7 | 45.3 | <LOD | | | | | | |
| B1 | 94 | CAULIFLOWER | HB | | 2933.3 | 19722.6 | <LOD | <LOD | | | | | | |
| B1 | 95 | CAULIFLOWER | GG | | 8930.6 | 21627.4 | 66.7 | 137.0 | | | | | | |
| B1 | 96 | CAULIFLOWER | HB | | 7940.0 | 24385.8 | <LOD | <LOD | | | | | | |
| B1 | 97 | CAULIFLOWER | GG | | 6624.1 | 25022.7 | 33.0 | <LOD | | | | | | |
| B1 | 98 | CAULIFLOWER | FM | | 4462.2 | 19124.6 | 36.0 | <LOD | | | | | | |
| B1 | 99 | CAULIFLOWER | GG | | 4021.0 | 25013.4 | <LOD | <LOD | | | | | | |
| B1 | 100 | CAULIFLOWER | FS | | 4879.4 | 21444.3 | 56.1 | <LOD | | | | | | |
| B1 | 101 | CAULIFLOWER | FM | | 3472.0 | 23913.8 | <LOD | <LOD | | | | | | |
| B1 | 102 | CAULIFLOWER | FS | | 3477.9 | 19923.6 | <LOD | <LOD | | | | | | |
| B1 | 103 | CAULIFLOWER | CS | | 5475.2 | 27850.4 | 46.4 | <LOD | | | | | | |
| B1 | 104 | CAULIFLOWER | FS | | 4626.2 | 21414.9 | <LOD | <LOD | | | | | | |
| B1 | 105 | CAULIFLOWER | GG | | 4975.0 | 22766.1 | 35.0 | <LOD | | | | | | |
| B1 | 106 | CAULIFLOWER | GG | | 10867.4 | 24292.3 | 46.7 | <LOD | | | | | | |
| B1 | 107 | CAULIFLOWER | GG | | 7025.1 | 22867.0 | 82.7 | <LOD | | | | | | |

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|----|-----|---------------------|----|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|--|
| B1 | 108 | CAULIFLOWER | HB | | 4101.0 | 23814.9 | 94.7 | <LOD | | | | | | |
| B1 | 109 | CELERIAC | GC | Peeled | 11745.0 | 16673.9 | 537.7 | <LOD | | | | | | |
| B1 | 110 | CELERIAC | FS | Peeled | 13706.0 | 16262.2 | 158.0 | <LOD | Unpeeled | 12979.0 | 28381.1 | 251.0 | 255.2 | |
| B1 | 113 | APLLES, COOKING | CS | Unpeeled | 30278.5 | 1343.2 | <LOD | <LOD | Peeled | 12937.2 | <LOD | <LOD | 87.0 | |
| B1 | 114 | COURGETTE | | | | | | | Peeled | 48338.7 | 36542.5 | <LOD | 270.7 | |
| B1 | 116 | COURGETTE | GG | Unpeeled | 16820.2 | 36996.7 | <LOD | <LOD | Peeled | 23527.5 | 29541.0 | <LOD | <LOD | |
| B1 | 118 | COURGETTE | FS | Unpeeled | 16209.1 | 41391.7 | <LOD | 118.5 | Peeled | 22384.6 | 39037.3 | <LOD | 138.3 | |
| B1 | 119 | CUCUMBER | | | | | | | Peeled | 53547.5 | 27185.3 | <LOD | 134.5 | |
| B1 | 122 | CUCUMBER | FS | Unpeeled | 10010.3 | 23289.6 | <LOD | <LOD | Peeled | 9100.3 | 25690.8 | <LOD | <LOD | |
| B1 | 123 | CUCUMBER | FS | Unpeeled | 3923.1 | 18241.7 | <LOD | <LOD | Peeled | 6717.9 | 15195.0 | <LOD | <LOD | |
| B1 | 124 | KALE, CURLY | FS | | 6322.1 | 11943.6 | 88.8 | 167.3 | | | | | | |
| B1 | 125 | KALE, CURLY | FS | | 5271.5 | 19152.5 | <LOD | 94.0 | | | | | | |
| B1 | 126 | KALE, CURLY | FM | | 37597.4 | 13519.4 | 55.3 | 78.5 | | | | | | |
| B1 | 127 | FENNEL | FS | | 18495.3 | 15147.7 | <LOD | 270.3 | | | | | | |
| B1 | 128 | PEPPERS, GREEN | FS | | 9322.9 | 8639.2 | 58.9 | <LOD | | | | | | |
| B1 | 129 | TOMATOES, GREEN | FS | | 15032.8 | 18899.9 | 40.7 | <LOD | | | | | | |
| B1 | 130 | JERUSALEM ARTICHOKE | FS | Peeled | 3882.4 | 6076.8 | <LOD | <LOD | Unpeeled | 13021.7 | 15662.2 | <LOD | <LOD | |
| B1 | 132 | KALE | GG | | 8215.1 | 29025.8 | 37.1 | <LOD | | | | | | |
| B1 | 133 | KALE | FM | | 5175.0 | 16010.0 | 35.8 | 72.9 | | | | | | |
| B1 | 134 | KALE | GG | | 11634.1 | 22542.4 | 41.2 | <LOD | | | | | | |
| B1 | 135 | SALAD, MIXED LEAFY | GG | | 8671.1 | 38694.8 | 440.3 | 1857.9 | | | | | | |
| B1 | 136 | LEEK | HB | | 17641.6 | 16669.1 | 145.1 | <LOD | | | | | | |
| B1 | 137 | LEEK | GG | | 9480.9 | 16385.8 | 67.4 | <LOD | | | | | | |
| B1 | 138 | LEEK | CS | | <LOD | 19498.2 | 79.5 | 147.2 | | | | | | |
| B1 | 139 | LEEK | FS | | 11071.6 | 23451.6 | 108.7 | <LOD | | | | | | |
| B1 | 140 | LEEK | FS | | 12522.4 | 21550.2 | 169.5 | <LOD | | | | | | |
| B1 | 141 | LEEK | FS | | 11352.1 | 20450.4 | 91.0 | <LOD | | | | | | |
| B1 | 142 | LEEK | HB | | 9726.8 | 25682.9 | 156.6 | <LOD | | | | | | |
| B1 | 143 | LEEK | FS | | 3445.5 | 32364.3 | 156.7 | <LOD | | | | | | |
| B1 | 144 | LEEK | GG | | 6549.9 | 21965.3 | 126.2 | 87.6 | | | | | | |
| B1 | 145 | LEEK | CS | | 20496.2 | 31208.6 | 87.4 | <LOD | | | | | | |
| B1 | 146 | LEEK | GG | | 8017.2 | 15021.9 | 52.2 | <LOD | | | | | | |
| B1 | 147 | LEEK | FM | | 7500.5 | 18021.3 | 100.9 | <LOD | | | | | | |
| B1 | 148 | LEEK | FM | | 20406.1 | 18931.0 | 177.4 | 202.8 | | | | | | |
| B1 | 149 | LEEK | GG | | 9278.7 | 15308.5 | 61.5 | <LOD | | | | | | |
| B1 | 151 | LEEK | HB | | 16219.4 | 22037.2 | 91.3 | <LOD | | | | | | |
| B1 | 152 | LEEK | FM | | 11319.0 | 21697.8 | <LOD | <LOD | | | | | | |
| B1 | 153 | LEEK | GG | | 7482.2 | 10766.1 | 121.1 | <LOD | | | | | | |
| B1 | 154 | LEEK | GG | | 5485.0 | 10956.2 | 45.5 | <LOD | | | | | | |
| B1 | 155 | LEEK | FM | | 9331.0 | 24406.4 | 62.2 | <LOD | | | | | | |
| B1 | 156 | LEEK | GG | | 7211.8 | 16793.9 | 110.0 | <LOD | | | | | | |
| B1 | 157 | LETTUCE | GG | | 20442.6 | 49522.4 | 353.1 | 190.3 | | | | | | |
| B1 | 158 | LETTUCE | FS | | 20623.9 | 63145.7 | 337.0 | <LOD | | | | | | |
| B1 | 159 | LETTUCE | FS | | 16030.9 | 37242.1 | 413.7 | 352.5 | | | | | | |

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|----|-----|--------------|----|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|--|
| B1 | 160 | LETTUCE | GG | | 18323.7 | 51721.9 | 202.0 | 120.0 | | | | | | |
| B1 | 161 | LETTUCE | FS | | 9978.3 | 66403.9 | 300.5 | 346.7 | | | | | | |
| B1 | 162 | LETTUCE | FM | | 12951.3 | 41500.1 | 217.7 | 1470.6 | | | | | | |
| B1 | 163 | LETTUCE | GC | | 73868.5 | 59556.4 | 200.3 | <LOD | | | | | | |
| B1 | 164 | LETTUCE | FS | | 21784.3 | 53511.7 | 186.7 | 90.5 | | | | | | |
| B1 | 165 | LETTUCE | GG | | 20418.8 | 52339.4 | 133.6 | 114.8 | | | | | | |
| B1 | 166 | LETTUCE | GG | | 27949.2 | 57798.4 | 271.3 | 472.6 | | | | | | |
| B1 | 167 | MARROW | HB | Peeled | 24093.1 | 12260.7 | <LOD | 174.5 | | | | | | |
| B1 | 168 | MARROW | GG | Peeled | 20927.7 | 13005.8 | 59.3 | <LOD | Unpeeled | 41904.8 | 17915.5 | 48.1 | 130.3 | |
| B1 | 170 | MOOLI RADISH | FS | Peeled | 5234.3 | 16041.8 | 80.0 | <LOD | Unpeeled | 6150.2 | 16309.5 | 82.0 | 101.6 | |
| B1 | 172 | ONION | HB | | 26845.1 | 15480.8 | <LOD | <LOD | | | | | | |
| B1 | 173 | ONION | FS | | 10162.6 | 12335.4 | 34.3 | <LOD | | | | | | |
| B1 | 174 | PAK CHOI | FM | | 9514.0 | 56107.6 | 115.1 | 103.1 | | | | | | |
| B1 | 175 | PARSLEY | HB | | 6714.5 | 49977.6 | 442.8 | 1306.6 | | | | | | |
| B1 | 176 | PARSNIP | HB | Peeled | 6521.0 | 17252.1 | 44.6 | <LOD | Unpeeled | 8217.9 | 12905.9 | 47.8 | <LOD | |
| B1 | 177 | PARSNIP | FS | Peeled | 6284.9 | 13250.9 | <LOD | <LOD | Unpeeled | 3990.3 | 8505.4 | <LOD | <LOD | |
| B1 | 178 | PARSNIP | FS | Peeled | 5178.8 | 9160.6 | <LOD | <LOD | Unpeeled | 4445.9 | 8156.6 | <LOD | <LOD | |
| B1 | 179 | PARSNIP | GG | Peeled | 3551.2 | 10234.5 | 40.1 | 286.5 | | | | | | |
| B1 | 185 | PEARS | FS | Unpeeled | 14486.2 | 7014.3 | <LOD | <LOD | Peeled | 13404.0 | 7664.0 | <LOD | <LOD | |
| B1 | 184 | PEARS | | | | | | | Peeled | 10167.4 | 6781.9 | <LOD | <LOD | |
| B1 | 186 | PEPPERS | FS | | 3625.5 | 18266.7 | <LOD | 201.4 | | | | | | |
| B1 | 187 | POTATO | GG | Peeled | 9162.0 | 10650.1 | 32.0 | <LOD | Unpeeled | 6839.5 | 9237.1 | <LOD | <LOD | |
| B1 | 214 | POTATO | | | | | | | Unpeeled | 4202.6 | 8501.4 | <LOD | <LOD | |
| B1 | 189 | POTATO | CS | Peeled | 7879.0 | 7288.5 | 47.0 | <LOD | | | | | | |
| B1 | 190 | POTATO | FS | Peeled | 5450.8 | 6490.9 | 47.9 | 75.0 | Unpeeled | 4176.7 | 8215.5 | 33.1 | 82.0 | |
| B1 | 191 | POTATO | FS | Peeled | 7179.9 | 12140.6 | 40.6 | <LOD | Unpeeled | 6058.3 | 11578.8 | 35.2 | <LOD | |
| B1 | 192 | POTATO | FS | Peeled | 5805.9 | 13645.1 | 41.0 | <LOD | Unpeeled | 2337.3 | 5664.9 | <LOD | <LOD | |
| B1 | 193 | POTATO | FS | Peeled | 6074.7 | 10477.3 | 49.5 | <LOD | Unpeeled | 4228.2 | 9233.5 | 38.1 | <LOD | |
| B1 | 194 | POTATO | GG | Peeled | 4334.6 | 7678.9 | 83.1 | <LOD | | | | | | |
| B1 | 195 | POTATO | HB | Peeled | 6127.4 | 8115.9 | <LOD | <LOD | Unpeeled | 5537.4 | 9662.5 | <LOD | <LOD | |
| B1 | 196 | POTATO | FS | Peeled | 3310.1 | 10276.5 | 114.4 | <LOD | Unpeeled | 2792.2 | 8733.1 | 109.8 | <LOD | |
| B1 | 197 | POTATO | FM | Peeled | 3254.2 | 12135.4 | <LOD | <LOD | Unpeeled | 4677.5 | 12500.8 | <LOD | <LOD | |
| B1 | 198 | POTATO | CS | Peeled | 5613.0 | 10396.4 | 34.3 | <LOD | Unpeeled | 4062.8 | 6394.0 | 32.7 | <LOD | |
| B1 | 199 | POTATO | HB | Peeled | 4834.7 | 8432.2 | 43.1 | <LOD | Unpeeled | 5594.4 | 9840.2 | 64.3 | <LOD | |
| B1 | 200 | POTATO | HB | Peeled | 3531.3 | 7054.7 | 32.4 | <LOD | Unpeeled | 3052.2 | 6088.7 | 68.4 | <LOD | |
| B1 | 201 | POTATO | FM | Peeled | 5188.8 | 8953.3 | 35.7 | <LOD | Unpeeled | 4299.5 | 7383.1 | <LOD | <LOD | |
| B1 | 202 | POTATO | GG | Peeled | 8011.9 | 11075.6 | 42.9 | <LOD | | | | | | |
| B1 | 203 | POTATO | GG | Peeled | 5934.0 | 9608.7 | 45.4 | <LOD | Unpeeled | 5077.3 | 7642.9 | 38.4 | <LOD | |
| B1 | 204 | POTATO | GG | Peeled | 4233.9 | 6149.4 | 59.5 | <LOD | Unpeeled | 2958.1 | 7097.9 | 65.6 | <LOD | |
| B1 | 205 | POTATO | HB | Peeled | 4413.3 | 7484.0 | <LOD | <LOD | Unpeeled | 4479.4 | 6261.4 | <LOD | <LOD | |
| B1 | 206 | POTATO | FS | Peeled | 3653.1 | 9086.5 | <LOD | <LOD | Unpeeled | 4475.2 | 9631.5 | 38.8 | <LOD | |
| B1 | 207 | POTATO | GG | Peeled | 3162.2 | 8833.7 | 31.0 | <LOD | Unpeeled | 2491.9 | 8097.1 | <LOD | <LOD | |
| B1 | 208 | POTATO | FS | Peeled | 6741.5 | 13079.2 | 81.4 | <LOD | Unpeeled | 8537.7 | 15118.6 | 123.5 | <LOD | |
| B1 | 209 | POTATO | FM | Peeled | 6124.5 | 8687.0 | <LOD | <LOD | Unpeeled | 5504.6 | 8031.8 | <LOD | <LOD | |

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|----|-----|--------------------|----|--------|---------|---------|-------|--------|----------|--------|--------|------|------|
| B1 | 210 | POTATO | GC | Peeled | 6012.5 | 9034.4 | <LOD | <LOD | Unpeeled | 2987.6 | 6269.3 | <LOD | <LOD |
| B1 | 211 | POTATO | FS | Peeled | 4350.8 | 11585.5 | 43.7 | <LOD | Unpeeled | 4660.6 | 7984.6 | <LOD | <LOD |
| B1 | 212 | POTATO | FS | Peeled | 6270.4 | 8331.5 | 38.6 | <LOD | Unpeeled | 3939.6 | 7976.7 | 35.5 | <LOD |
| B1 | 236 | PUMPKINS | HB | Peeled | 31693.6 | 23274.8 | <LOD | <LOD | | | | | |
| B1 | 237 | PURPLE CALABRESE | GG | | 6597.0 | 54684.0 | <LOD | <LOD | | | | | |
| B1 | 238 | RADISHE | FS | | 3488.0 | 19573.5 | 101.7 | 170.9 | | | | | |
| B1 | 239 | RASPBERRIES | HB | | 3210.9 | 17146.3 | <LOD | <LOD | | | | | |
| B1 | 240 | RASPBERRIES | FS | | 2435.2 | 15770.5 | <LOD | 104.7 | | | | | |
| B1 | 241 | RASPBERRIES | GG | | 2879.7 | 17891.8 | <LOD | <LOD | | | | | |
| B1 | 242 | CABBAGE, RED | HB | | 6699.3 | 14222.8 | <LOD | <LOD | | | | | |
| B1 | 243 | CABBAGE, RED | FS | | 3423.5 | 11195.9 | <LOD | <LOD | | | | | |
| B1 | 244 | CABBAGE, RED | FS | | 5349.6 | 19235.7 | 58.4 | <LOD | | | | | |
| B1 | 245 | CABBAGE, RED | FS | | 4126.4 | 20278.6 | <LOD | <LOD | | | | | |
| B1 | 246 | CABBAGE, RED | FM | | 3952.4 | 11702.5 | <LOD | <LOD | | | | | |
| B1 | 247 | CABBAGE, RED | FS | | 4716.9 | 18904.7 | 49.0 | <LOD | | | | | |
| B1 | 248 | CABBAGE, RED | FM | | 6380.5 | 19744.9 | 32.4 | <LOD | | | | | |
| B1 | 249 | CABBAGE, RED | FS | | 4005.8 | 9491.5 | <LOD | <LOD | | | | | |
| B1 | 250 | CABBAGE, RED | FM | | 6463.6 | 12240.7 | <LOD | <LOD | | | | | |
| B1 | 251 | CABBAGE, RED | GG | | 5672.6 | 13850.9 | <LOD | <LOD | | | | | |
| B1 | 252 | ONION, RED | GG | | 15105.4 | 19263.6 | 75.2 | <LOD | | | | | |
| B1 | 253 | ROMANESCO BROCCOLI | FS | | 5826.8 | 28080.0 | <LOD | <LOD | | | | | |
| B1 | 254 | ROMANESCO BROCCOLI | HB | | 5652.5 | 27007.4 | <LOD | <LOD | | | | | |
| B1 | 255 | ROMANESCO BROCCOLI | GG | | 6721.0 | 36567.8 | 114.1 | 120.5 | | | | | |
| B1 | 256 | ROMANESCO BROCCOLI | FM | | 5819.9 | 37121.8 | <LOD | <LOD | | | | | |
| B1 | 257 | ROMANESCO BROCCOLI | HB | | 8695.2 | 20148.7 | 70.2 | <LOD | | | | | |
| B1 | 258 | ROMANESCO BROCCOLI | GG | | 9694.9 | 28352.3 | 39.6 | <LOD | | | | | |
| B1 | 259 | RUNNER BEANS | FS | | 12337.5 | 38082.0 | <LOD | <LOD | | | | | |
| B1 | 260 | RUNNER BEANS | FM | | 9626.7 | 23098.4 | <LOD | <LOD | | | | | |
| B1 | 261 | KALE, RUSSIAN | FS | | 6246.2 | 24617.3 | <LOD | 94.8 | | | | | |
| B1 | 262 | CABBAGE, SAVOY | GG | | 10429.6 | 29019.1 | <LOD | <LOD | | | | | |
| B1 | 263 | CABBAGE, SAVOY | FS | | 7709.6 | 17128.1 | <LOD | <LOD | | | | | |
| B1 | 264 | CABBAGE, SAVOY | FS | | 9019.7 | 22378.7 | 41.7 | <LOD | | | | | |
| B1 | 265 | CABBAGE, SAVOY | FS | | 9931.7 | 31827.6 | 51.5 | <LOD | | | | | |
| B1 | 266 | CABBAGE, SAVOY | HB | | 9558.9 | 28546.4 | 45.9 | <LOD | | | | | |
| B1 | 267 | CABBAGE, SAVOY | GG | | 6237.9 | 16680.7 | <LOD | <LOD | | | | | |
| B1 | 268 | CABBAGE, SAVOY | FM | | 13756.8 | 34004.6 | 57.5 | <LOD | | | | | |
| B1 | 269 | CABBAGE, SAVOY | GG | | 6005.2 | 13803.4 | 37.8 | <LOD | | | | | |
| B1 | 270 | CABBAGE, SAVOY | FM | | 6038.8 | 17774.7 | <LOD | <LOD | | | | | |
| B1 | 271 | CABBAGE, SAVOY | FS | | 6235.1 | 23508.3 | 59.8 | <LOD | | | | | |
| B1 | 272 | CABBAGE, SAVOY | GG | | 11718.9 | 18854.3 | 54.6 | <LOD | | | | | |
| B1 | 273 | CABBAGE, SAVOY | FM | | 46933.9 | 22990.4 | <LOD | <LOD | | | | | |
| B1 | 274 | CABBAGE, SAVOY | HB | | 5681.1 | 17273.8 | <LOD | <LOD | | | | | |
| B1 | 275 | SPINACH | FM | | 15857.5 | 42024.6 | 159.1 | 266.3 | | | | | |
| B1 | 276 | SPINACH | GG | | 12979.5 | 35955.4 | 95.2 | 2445.1 | | | | | |

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|----|-----|--------------------|----|--------|---------|---------|-------|-------|----------|---------|---------|------|-------|--|
| B1 | 277 | SPRING ONIONS | CS | | 5406.2 | 14863.7 | 302.8 | 122.3 | | | | | | |
| B1 | 278 | GREENS, SPRING | GG | | 9477.4 | 17652.1 | <LOD | 111.4 | | | | | | |
| B1 | 279 | GREENS, SPRING | GG | | 7018.7 | 16699.9 | 45.7 | 158.7 | | | | | | |
| B1 | 280 | GREENS, SPRING | FS | | 7395.2 | 18080.2 | 90.3 | 271.4 | | | | | | |
| B1 | 281 | GREENS, SPRING | HB | | 4639.4 | 16217.2 | <LOD | <LOD | | | | | | |
| B1 | 282 | GREENS, SPRING | FS | | 7545.9 | 20736.5 | 71.9 | 308.6 | | | | | | |
| B1 | 283 | GREENS, SPRING | FM | | 5274.4 | 14581.4 | 84.7 | 200.0 | | | | | | |
| B1 | 284 | GREENS, SPRING | GG | | 9098.8 | 21986.3 | 158.5 | 179.0 | | | | | | |
| B1 | 285 | SQUASH | FM | Peeled | 13824.4 | 26648.2 | 42.3 | 195.7 | | | | | | |
| B1 | 286 | STRAWBERRIES | HB | | 2828.6 | 6079.8 | <LOD | <LOD | | | | | | |
| B1 | 287 | STRAWBERRIES | GG | | <LOD | 8927.4 | <LOD | <LOD | | | | | | |
| B1 | 288 | STRAWBERRIES | GG | | 2345.9 | 9123.0 | <LOD | <LOD | | | | | | |
| B1 | 289 | STRAWBERRIES | HB | | 1988.4 | 12659.3 | <LOD | <LOD | | | | | | |
| B1 | 290 | STRAWBERRIES | GG | | <LOD | 5217.9 | <LOD | <LOD | | 12832.9 | 14706.3 | 84.7 | <LOD | |
| B1 | 291 | SWEDE | GG | Peeled | 6908.9 | 12210.6 | 70.6 | <LOD | Unpeeled | | | | | |
| B1 | 292 | SWEDE | GC | Peeled | 9638.4 | 13187.7 | 98.8 | <LOD | | 4244.3 | 5403.1 | 34.7 | <LOD | |
| B1 | 293 | SWEDE | GG | Peeled | 3172.9 | 9681.7 | 34.7 | <LOD | Unpeeled | 4886.1 | 9947.3 | 42.4 | <LOD | |
| B1 | 294 | SWEDE | FS | Peeled | 2782.8 | 11048.3 | 41.0 | <LOD | Unpeeled | 5490.0 | 8156.3 | 59.5 | <LOD | |
| B1 | 312 | SWEDE | | | | | | | Unpeeled | 2281.4 | 8831.1 | 41.0 | <LOD | |
| B1 | 296 | SWEDE | FS | Peeled | 1680.8 | 8136.6 | <LOD | <LOD | Unpeeled | 2349.6 | 8587.5 | 36.6 | 112.8 | |
| B1 | 297 | SWEDE | FS | Peeled | 2235.1 | 8415.2 | <LOD | <LOD | Unpeeled | 3088.0 | 11744.0 | 45.0 | <LOD | |
| B1 | 298 | SWEDE | HB | Peeled | 1616.8 | 10615.6 | 47.8 | <LOD | Unpeeled | 4643.7 | 11495.0 | 46.1 | <LOD | |
| B1 | 299 | SWEDE | HB | Peeled | 3297.7 | 10365.5 | 46.2 | <LOD | Unpeeled | 5603.9 | 6253.2 | 33.5 | <LOD | |
| B1 | 300 | SWEDE | CS | Peeled | 2715.6 | 7125.4 | 31.9 | <LOD | Unpeeled | 1756.2 | 9114.9 | <LOD | <LOD | |
| B1 | 301 | SWEDE | FM | Peeled | 2272.7 | 11353.7 | <LOD | <LOD | Unpeeled | 8880.4 | 8995.4 | 46.4 | <LOD | |
| B1 | 302 | SWEDE | FM | Peeled | 3575.2 | 10401.6 | 40.6 | <LOD | Unpeeled | 4036.4 | 9126.5 | 33.5 | <LOD | |
| B1 | 303 | SWEDE | GG | Peeled | 2610.9 | 8818.6 | 32.9 | <LOD | Unpeeled | 10134.8 | 13227.1 | <LOD | <LOD | |
| B1 | 304 | SWEDE | FM | Peeled | 5278.1 | 13837.1 | <LOD | <LOD | Unpeeled | 3086.2 | 11450.9 | 37.7 | 106.8 | |
| B1 | 305 | SWEDE | HB | Peeled | 2688.7 | 11573.4 | 36.1 | <LOD | Unpeeled | 4731.4 | 30996.8 | 59.1 | <LOD | |
| B1 | 306 | SWEDE | FS | Peeled | 9616.3 | 8488.8 | 79.4 | <LOD | Unpeeled | | | | | |
| B1 | 307 | SWEDE | GG | Peeled | 3241.7 | 10814.2 | 97.9 | <LOD | | 8918.2 | 13440.5 | 84.3 | <LOD | |
| B1 | 308 | SWEDE | FM | Peeled | 7382.3 | 13300.6 | 97.6 | <LOD | Unpeeled | | | | | |
| B1 | 325 | PEPPERS, SWEET RED | FS | | 11771.5 | 12219.2 | 43.2 | <LOD | | | | | | |
| B1 | 326 | TOMATO | FS | | 14401.7 | 12068.2 | <LOD | <LOD | | | | | | |
| B1 | 327 | TOMATO | CS | | 11282.1 | 19586.8 | 37.4 | <LOD | | 8519.3 | 14112.8 | 42.4 | 74.4 | |
| B1 | 328 | TURNIPS | GG | Peeled | 5913.7 | 10806.2 | <LOD | <LOD | Unpeeled | | | | | |
| B1 | 330 | GREENS, WINTER | GG | | 8054.7 | 14405.6 | 96.3 | 135.1 | | | | | | |
| B2 | 1 | STRAWBERRIES | FS | - | <LOD | 10623.7 | 46.7 | <LOD | | | | | | |
| B2 | 2 | CARROT | FS | Peeled | 2973.4 | 17070.6 | <LOD | <LOD | Unpeeled | 5705.8 | 15369.3 | 82.0 | 118.3 | |
| B2 | 4 | SWEDE | FS | Peeled | <LOD | 6717.2 | 48.3 | <LOD | Unpeeled | <LOD | 9039.3 | 51.3 | <LOD | |
| B2 | 6 | LEEK | FS | - | 2882.2 | 11715.0 | 444.5 | <LOD | | | | | | |
| B2 | 7 | CABBAGE | FS | - | 6266.6 | 13739.1 | 34.4 | <LOD | | | | | | |
| B2 | 8 | STRAWBERRIES | FS | - | 3781.4 | 10465.1 | 48.7 | <LOD | | | | | | |
| B2 | 9 | CARROT | FS | Peeled | 3138.7 | 16960.9 | 51.8 | 109.4 | Unpeeled | 4772.6 | 20319.5 | 64.5 | 147.4 | |

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|----|----|----------------------|----|--------|---------|----------|-------|-------|----------|--------|---------|-------|-------|--|
| B2 | 11 | LEEK | FS | - | <LOD | 8430.3 | 63.4 | 161.5 | | | | | | |
| B2 | 12 | BROADBEAN | GG | - | 12270.8 | 29577.4 | <LOD | <LOD | | | | | | |
| B2 | 13 | STRAWBERRIES | GG | - | 2566.7 | 9637.7 | <LOD | <LOD | | | | | | |
| B2 | 14 | POTATO, NEW | GG | Peeled | 1677.2 | 6428.8 | <LOD | <LOD | Unpeeled | 2439.7 | 7193.2 | <LOD | 196.0 | |
| B2 | 16 | CABBAGE, SAVOY | GG | - | 3186.2 | 16315.3 | <LOD | <LOD | | | | | | |
| B2 | 17 | CAULIFLOWER | GG | - | 2871.3 | 20039.7 | 31.6 | <LOD | | | | | | |
| B2 | 18 | CARROT | GG | Peeled | 2761.5 | 12193.8 | 50.7 | 218.1 | Unpeeled | 2160.2 | 11319.9 | 45.5 | 142.9 | |
| B2 | 20 | STRAWBERRIES | GG | - | 4083.6 | 6826.2 | <LOD | <LOD | | | | | | |
| B2 | 21 | LETTUCE, OAK LEAF | GG | - | 9398.2 | 14048.7 | 806.1 | 200.4 | | | | | | |
| B2 | 22 | LETTUCE, LOLLO ROSSO | GG | - | 6535.6 | 28736.8 | 181.1 | 461.3 | | | | | | |
| B2 | 23 | LETTUCE, ICEBERG | GG | - | 2706.3 | 18464.7 | 427.7 | <LOD | | | | | | |
| B2 | 24 | POTATO, NEW | GG | Peeled | 4259.9 | 9172.9 | 39.2 | <LOD | Unpeeled | 4325.6 | 7653.6 | 34.1 | 119.1 | |
| B2 | 26 | SWEDE | GG | Peeled | <LOD | 8322.2 | 42.7 | <LOD | Unpeeled | <LOD | 5610.0 | 31.1 | <LOD | |
| B2 | 28 | POTATO | GG | Peeled | 5363.2 | 11414.3 | <LOD | <LOD | Unpeeled | 8657.4 | 10315.0 | 30.9 | <LOD | |
| B2 | 30 | STRAWBERRIES | GG | - | <LOD | 10021.0 | <LOD | <LOD | | | | | | |
| B2 | 31 | SPINACH | GG | - | 8274.9 | 111387.4 | 739.5 | 198.1 | | | | | | |
| B2 | 32 | CHARD | GG | - | 7745.7 | 130040.2 | 997.4 | 228.1 | | | | | | |
| B2 | 33 | LEEK | GG | - | 2149.1 | 49722.3 | 508.3 | <LOD | | | | | | |
| B2 | 34 | BROADBEAN | GG | - | 14564.5 | 29482.6 | <LOD | <LOD | | | | | | |
| B2 | 35 | POTATO | GG | Peeled | <LOD | 8109.3 | <LOD | <LOD | Unpeeled | 2249.0 | 27294.4 | 47.5 | <LOD | |
| B2 | 37 | POTATO, NEW | GG | Peeled | 1709.5 | 7499.7 | 56.4 | <LOD | Unpeeled | 2145.7 | 9699.1 | 39.7 | 138.6 | |
| B2 | 39 | STRAWBERRIES | GG | - | <LOD | 8308.9 | <LOD | <LOD | | | | | | |
| B2 | 40 | BROADBEAN | GG | - | 13165.8 | 29165.2 | <LOD | <LOD | | | | | | |
| B2 | 41 | CABBAGE | GG | - | 3421.1 | 17082.1 | <LOD | <LOD | | | | | | |
| B2 | 42 | CABBAGE | GG | - | <LOD | <LOD | <LOD | <LOD | | | | | | |
| B2 | 43 | STRAWBERRIES | GG | - | <LOD | 10165.3 | <LOD | <LOD | | | | | | |
| B2 | 44 | BROADBEAN | GG | - | 10221.3 | 23315.0 | <LOD | <LOD | | | | | | |
| B2 | 45 | ASPARAGUS | GG | - | 17099.2 | 58079.5 | <LOD | <LOD | | | | | | |
| B2 | 46 | STRAWBERRIES | GG | - | 5200.5 | 19952.3 | <LOD | 516.7 | | | | | | |
| B2 | 47 | LETTUCE | GG | - | 9246.6 | 51583.4 | 104.1 | 76.6 | | | | | | |
| B2 | 48 | LETTUCE, RED | GG | - | 14402.4 | 66794.3 | 318.4 | 423.5 | | | | | | |
| B2 | 49 | CARROT | GG | Peeled | 2139.9 | 6587.5 | 61.9 | 123.7 | Unpeeled | 5996.1 | 8804.3 | 134.8 | 128.1 | |
| B2 | 51 | BROADBEAN | FS | - | 12286.8 | 28443.1 | <LOD | <LOD | | | | | | |
| B2 | 52 | PARSNIP | FS | Peeled | <LOD | <LOD | <LOD | <LOD | Unpeeled | 4098.9 | 15756.5 | 90.8 | 184.6 | |
| B2 | 54 | CABBAGE | FS | - | 1861.7 | 11454.7 | 43.1 | <LOD | | | | | | |
| B2 | 55 | SWEDE | FS | Peeled | <LOD | 4155.7 | 46.3 | <LOD | Unpeeled | <LOD | 4654.6 | 51.4 | <LOD | |
| B2 | 57 | POTATO, NEW | FS | Peeled | 2443.0 | 5821.9 | <LOD | <LOD | Unpeeled | 2360.9 | 5105.2 | <LOD | 236.1 | |
| B2 | 59 | BEETROOT | GG | Peeled | 6265.2 | 17768.3 | <LOD | <LOD | Unpeeled | 5514.8 | 11481.4 | <LOD | 150.8 | |
| B2 | 61 | POTATO | GG | Peeled | 3235.8 | 9433.1 | <LOD | <LOD | Unpeeled | 3125.5 | 8735.2 | <LOD | 195.0 | |
| B2 | 63 | SWEDE | GG | Peeled | <LOD | 6470.1 | 41.1 | <LOD | Unpeeled | <LOD | 10722.4 | 49.6 | <LOD | |
| B2 | 65 | POTATO, NEW | GG | Peeled | 2765.5 | 6241.4 | <LOD | <LOD | Unpeeled | <LOD | 1914.9 | <LOD | <LOD | |
| B2 | 67 | POTATO | GG | Peeled | 9109.3 | 31117.9 | 35.3 | <LOD | Unpeeled | 3467.5 | 7281.3 | 33.8 | <LOD | |
| B2 | 69 | LEEK | GG | - | <LOD | 6332.0 | 36.9 | <LOD | | | | | | |
| B2 | 70 | LETTUCE | GG | - | 1954.4 | 23777.7 | 103.8 | <LOD | | | | | | |

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|----|-----|-----------------|----|----------|---------|---------|-------|--------|----------|---------|---------|-------|--------|--|
| B2 | 71 | CABBAGE | GG | - | <LOD | 8955.8 | 31.2 | <LOD | | | | | | |
| B2 | 72 | CABBAGE | GG | - | 2551.2 | 16481.2 | 78.8 | <LOD | | | | | | |
| B2 | 73 | LEEK | GG | - | 2583.7 | 28646.7 | 192.1 | <LOD | | | | | | |
| B2 | 74 | POTATO | GG | Peeled | <LOD | 6417.8 | 31.8 | <LOD | Unpeeled | 2430.1 | 4273.2 | 33.7 | <LOD | |
| B2 | 76 | STRAWBERRIES | FS | - | 6091.4 | 38751.5 | <LOD | 4642.4 | | | | | | |
| B2 | 77 | BROADBEAN | FS | - | 16517.1 | 33382.5 | <LOD | <LOD | | | | | | |
| B2 | 78 | POTATO, ORGANIC | FS | Peeled | 4870.7 | 6142.9 | <LOD | <LOD | Unpeeled | 5233.4 | 6089.1 | <LOD | 100.3 | |
| B2 | 80 | POTATO | FS | Peeled | 6460.5 | 8484.4 | 33.5 | <LOD | Unpeeled | 4973.9 | 12060.0 | 36.8 | 319.1 | |
| B2 | 82 | GREENS, SPRING | FS | - | 4522.1 | 7013.8 | 95.4 | <LOD | | | | | | |
| B2 | 83 | ASPARAGUS | FM | - | 17887.9 | 63193.8 | <LOD | <LOD | | | | | | |
| B2 | 84 | BROADBEAN | FM | - | 11577.6 | 25929.6 | <LOD | <LOD | | | | | | |
| B2 | 85 | STRAWBERRIES | FM | - | 4722.6 | 9230.0 | <LOD | <LOD | | | | | | |
| B2 | 86 | LETTUCE | FM | - | 7074.1 | 29280.0 | 809.8 | 497.3 | | | | | | |
| B2 | 88 | APPLES | FM | Unpeeled | 5140.7 | 10034.8 | <LOD | 87.5 | Peeled | <LOD | 4364.2 | <LOD | <LOD | |
| B2 | 89 | GOOSEBERRIES | FM | - | 1868.3 | 7521.7 | <LOD | <LOD | | | | | | |
| B2 | 90 | POTATO, NEW | FM | Peeled | 4142.2 | 6633.3 | <LOD | <LOD | Unpeeled | <LOD | <LOD | <LOD | 1467.6 | |
| B2 | 92 | POTATO, NEW | GG | Peeled | 1842.3 | 6757.3 | <LOD | <LOD | Unpeeled | 2291.4 | 6637.0 | 39.1 | 217.0 | |
| B2 | 94 | CAULIFLOWER | GG | - | 3911.2 | 20116.8 | 127.2 | <LOD | | | | | | |
| B2 | 95 | CARROT | FS | Peeled | 2039.8 | 13113.0 | 203.3 | 148.2 | Unpeeled | 3691.5 | 9671.6 | 237.4 | 106.2 | |
| B2 | 97 | POTATO, NEW | FS | Peeled | 1684.5 | 7481.0 | <LOD | <LOD | Unpeeled | 2509.5 | 8443.1 | <LOD | <LOD | |
| B2 | 99 | CARROT | FS | Peeled | 2336.5 | 10845.5 | 366.8 | 764.6 | Unpeeled | 2702.7 | 12802.2 | 127.6 | 934.4 | |
| B2 | 101 | POTATO, NEW | FS | Peeled | 1741.3 | 6564.7 | <LOD | <LOD | Unpeeled | 2459.0 | 7295.5 | <LOD | 284.3 | |
| B2 | 103 | CABBAGE | FS | - | 1953.3 | 14469.1 | <LOD | <LOD | | | | | | |
| B2 | 104 | LETTUCE | GG | - | 4972.5 | 36674.9 | 273.4 | 293.3 | | | | | | |
| B2 | 105 | RHUBARB | GG | - | <LOD | 7991.4 | 32.6 | 469.9 | | | | | | |
| B2 | 106 | CARROT | GG | Peeled | 2152.4 | 14980.1 | 311.4 | 534.5 | Unpeeled | 2931.8 | 12987.2 | 238.5 | 663.7 | |
| B2 | 108 | POTATO, NEW | GG | Peeled | 2105.8 | 7892.3 | 60.9 | <LOD | Unpeeled | 2568.4 | 8334.6 | 46.4 | 129.8 | |
| B2 | 110 | BROADBEAN | GG | - | 10276.8 | 24764.7 | <LOD | <LOD | | | | | | |
| B2 | 111 | GOOSEBERRIES | GG | - | 3866.9 | 7608.9 | <LOD | <LOD | | | | | | |
| B2 | 112 | POTATO | GG | Peeled | 2459.4 | 7698.9 | 36.9 | <LOD | Unpeeled | 3890.2 | 10616.4 | 44.9 | <LOD | |
| B2 | 114 | CAULIFLOWER | GG | - | 2951.2 | 23459.5 | 39.5 | 76.6 | | | | | | |
| B2 | 115 | ASPARAGUS | GG | - | 7184.4 | 14689.2 | <LOD | <LOD | | | | | | |
| B2 | 116 | STRAWBERRIES | GG | - | 4226.1 | 10581.5 | <LOD | <LOD | | | | | | |
| B2 | 117 | LETTUCE | GG | - | 6723.8 | 66127.6 | 150.8 | 180.2 | | | | | | |
| B2 | 118 | BROADBEAN | GG | - | 9861.7 | 27846.1 | <LOD | <LOD | | | | | | |
| B2 | 119 | CARROT | GG | Peeled | 1887.2 | 21898.6 | 136.2 | 82.9 | Unpeeled | 3814.3 | 28665.8 | 231.6 | 104.4 | |
| B2 | 121 | POTATO, NEW | GG | Peeled | 1628.4 | 6247.0 | <LOD | <LOD | Unpeeled | 1792.7 | 6561.1 | <LOD | 178.7 | |
| B2 | 124 | COURGETTE | GG | Unpeeled | 11204.1 | 45236.8 | 35.0 | <LOD | Peeled | 11516.3 | 40846.4 | 40.5 | <LOD | |
| B2 | 125 | BEETROOT | GG | Peeled | 2821.6 | 15045.3 | 130.3 | <LOD | Unpeeled | 6418.1 | 16275.8 | 121.0 | <LOD | |
| B2 | 127 | POTATO | GG | Peeled | <LOD | 9460.4 | <LOD | 76.2 | Unpeeled | 5799.6 | 9306.8 | 41.3 | <LOD | |
| B2 | 129 | CARROT | GG | Peeled | 2971.2 | 21778.1 | 149.5 | 92.8 | Unpeeled | 2332.1 | 18736.4 | 140.4 | 90.3 | |
| B2 | 131 | SWEDE | GG | Peeled | <LOD | 6401.7 | 82.9 | <LOD | Unpeeled | <LOD | 13326.3 | 114.2 | <LOD | |
| B2 | 133 | POTATO, NEW | FM | Peeled | 6966.3 | 10940.5 | <LOD | <LOD | Unpeeled | 7440.2 | 10862.7 | <LOD | <LOD | |
| B2 | 135 | SPINACH | FM | - | 17761.8 | 88340.6 | 629.8 | 97.9 | | | | | | |

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|----|-----|----------------------|----|----------|---------|---------|-------|--------|----------|--------|---------|-------|--------|--|
| B2 | 136 | BROADBEAN | FM | - | 13386.2 | 36892.0 | <LOD | <LOD | | | | | | |
| B2 | 137 | SALAD, MIXED | FM | - | 7234.7 | 46467.1 | 192.1 | 286.5 | | | | | | |
| B2 | 138 | REDCURRANTS | FM | - | 2171.1 | 6743.5 | <LOD | <LOD | | | | | | |
| B2 | 139 | STRAWBERRIES | GG | - | 5988.9 | 18570.8 | <LOD | 1388.4 | | | | | | |
| B2 | 140 | LETTUCE, OAK LEAF | GG | - | 7757.5 | 45222.0 | 226.6 | 244.6 | | | | | | |
| B2 | 141 | SALAD, MIXED | GG | - | 10227.9 | 35527.5 | 245.0 | 921.7 | | | | | | |
| B2 | 142 | CHARD | GG | - | 15273.4 | 45368.0 | 272.5 | 1165.2 | | | | | | |
| B2 | 143 | SPINACH | GG | - | 10507.1 | 44762.1 | 261.0 | 916.6 | | | | | | |
| B2 | 144 | POTATO, NEW | GG | Peeled | 6895.2 | 8982.2 | <LOD | <LOD | Unpeeled | 6505.0 | 8797.0 | <LOD | <LOD | |
| B2 | 146 | STRAWBERRIES | FS | - | <LOD | 6983.7 | <LOD | <LOD | | | | | | |
| B2 | 147 | RASPBERRIES | FS | - | 4277.4 | 14928.8 | <LOD | <LOD | | | | | | |
| B2 | 148 | GREENS, SPRING | FS | - | 3912.7 | 24058.3 | <LOD | <LOD | | | | | | |
| B2 | 149 | BROCCOLI / CALABRESE | FS | - | 4931.5 | 32539.6 | <LOD | <LOD | | | | | | |
| B2 | 151 | COURGETTE | FS | Unpeeled | 10208.9 | 45060.2 | <LOD | 105.4 | Peeled | 6568.6 | 31599.2 | <LOD | <LOD | |
| B2 | 152 | CARROT | FS | Peeled | 3031.8 | 5263.6 | 84.3 | <LOD | Unpeeled | 5786.1 | 18296.0 | 122.6 | 715.2 | |
| B2 | 154 | POTATO, NEW | FS | Peeled | 4358.7 | 10575.0 | 55.7 | <LOD | Unpeeled | 3996.1 | 11082.0 | 50.8 | <LOD | |
| B2 | 156 | BEETROOT | FM | Peeled | 7255.8 | 40962.8 | 87.0 | 168.6 | | | | | | |
| B2 | 158 | SALAD, MIXED | FM | - | 6864.1 | 41996.3 | 282.5 | 1065.3 | | | | | | |
| B2 | 159 | STRAWBERRIES | FM | - | <LOD | 10401.7 | <LOD | 210.1 | | | | | | |
| B2 | 160 | BROADBEAN | FM | - | 12079.3 | 28137.6 | <LOD | <LOD | | | | | | |
| B2 | 161 | POTATO, NEW | FM | Peeled | 1693.1 | 10334.6 | 40.8 | <LOD | Unpeeled | 2251.8 | 10472.1 | 38.9 | <LOD | |
| B2 | 163 | RASPBERRIES | FS | - | 3654.8 | 12331.9 | <LOD | <LOD | | | | | | |
| B2 | 164 | STRAWBERRIES | FS | - | 2867.4 | 11096.3 | <LOD | 89.1 | | | | | | |
| B2 | 165 | GOOSEBERRIES | FS | - | 5668.6 | 9680.5 | <LOD | <LOD | | | | | | |
| B2 | 166 | BROADBEAN | FS | - | 13258.8 | 34600.7 | <LOD | <LOD | | | | | | |
| B2 | 167 | CAULIFLOWER | FS | - | 3429.7 | 27604.8 | 45.0 | <LOD | | | | | | |
| B2 | 168 | CABBAGE | FS | - | 3647.7 | 27292.7 | <LOD | <LOD | | | | | | |
| B2 | 169 | CABBAGE | FS | - | 2293.9 | 16008.3 | 46.3 | <LOD | | | | | | |
| B2 | 170 | PAK CHOI | FS | - | 4841.8 | 13205.7 | 447.4 | 2619.7 | | | | | | |
| B2 | 171 | LETTUCE | FS | - | 10501.9 | 29129.5 | 312.4 | 507.1 | | | | | | |
| B2 | 173 | COURGETTE | FS | Unpeeled | 10684.4 | 47042.9 | <LOD | <LOD | Peeled | 8657.4 | 38803.7 | <LOD | <LOD | |
| B2 | 174 | CARROT | FS | Peeled | 3116.4 | 16000.0 | <LOD | 137.0 | Unpeeled | 3781.8 | 16009.8 | <LOD | 204.0 | |
| B2 | 176 | SWEDE | FS | Peeled | 1662.5 | 10563.2 | 36.8 | <LOD | Unpeeled | 1939.6 | 11625.8 | 60.4 | 161.5 | |
| B2 | 178 | POTATO | FS | Peeled | 3064.6 | 8321.5 | 56.5 | <LOD | Unpeeled | 3044.0 | 7925.4 | 55.4 | 156.8 | |
| B2 | 180 | STRAWBERRIES | GG | - | 7694.8 | 17363.3 | 55.1 | <LOD | | | | | | |
| B2 | 181 | CABBAGE | GG | - | 2546.7 | 13159.2 | 49.4 | <LOD | | | | | | |
| B2 | 182 | LETTUCE | GG | - | 4530.5 | 26223.6 | 242.2 | 282.3 | | | | | | |
| B2 | 183 | LETTUCE, OAK LEAF | GG | - | 8470.3 | 10334.0 | 744.3 | 475.4 | | | | | | |
| B2 | 184 | CAULIFLOWER | GG | - | 3522.3 | 24655.9 | <LOD | <LOD | | | | | | |
| B2 | 185 | POTATO, NEW | GG | Peeled | 3542.9 | 7323.4 | <LOD | <LOD | Unpeeled | 3161.3 | 5379.1 | <LOD | 249.9 | |
| B2 | 187 | POTATO | GG | Peeled | 4734.4 | 6844.1 | <LOD | <LOD | Unpeeled | <LOD | 1604.1 | <LOD | 1450.1 | |
| B2 | 189 | STRAWBERRIES | GC | - | 4188.3 | 7420.9 | <LOD | <LOD | | | | | | |
| B2 | 191 | COURGETTE | GC | Unpeeled | 10518.3 | 43428.1 | <LOD | 194.8 | Peeled | 6327.4 | 24400.1 | <LOD | <LOD | |
| B2 | 192 | GOOSEBERRIES | GC | - | 16360.6 | 21008.6 | 45.0 | <LOD | | | | | | |

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|----|-----|----------------------------|----|--------|---------|---------|-------|--------|----------|--------|---------|------|-------|--|
| B2 | 193 | BROCCOLI / CALABRESE | GC | - | 3824.8 | 31150.3 | <LOD | <LOD | | | | | | |
| B2 | 194 | CAULIFLOWER | GC | - | 3635.9 | 24641.6 | 41.0 | <LOD | | | | | | |
| B2 | 195 | POTATO, NEW | GC | Peeled | 3292.1 | 4489.4 | 50.3 | <LOD | Unpeeled | 7887.5 | 9004.5 | 48.5 | 83.8 | |
| B2 | 197 | POTATO, NEW, ORGANIC | GG | Peeled | 5102.0 | 9540.5 | 45.6 | <LOD | Unpeeled | 5833.0 | 24487.8 | 41.2 | 151.5 | |
| B2 | 199 | SPINACH | GG | - | 11542.1 | 65747.7 | 703.7 | 299.5 | | | | | | |
| B2 | 200 | STRAWBERRIES | GG | - | <LOD | 4628.0 | <LOD | <LOD | | | | | | |
| B2 | 201 | GOOSEBERRIES | GG | - | 2587.1 | 5929.9 | <LOD | <LOD | | | | | | |
| B2 | 202 | CABBAGE | GG | - | 3048.5 | 23780.4 | 36.5 | <LOD | | | | | | |
| B2 | 203 | BROCCOLI / CALABRESE | GG | - | 5190.6 | 27367.0 | 39.1 | <LOD | | | | | | |
| B2 | 204 | POTATO, NEW | GG | Peeled | 2785.1 | 7913.9 | 36.6 | <LOD | Unpeeled | 5280.0 | 8687.4 | 44.9 | <LOD | |
| B2 | 206 | RASPBERRIES | HB | - | 5579.7 | 20810.4 | <LOD | <LOD | | | | | | |
| B2 | 207 | RHUBARB | HB | - | 5148.3 | 55306.0 | 268.1 | 380.6 | | | | | | |
| B2 | 208 | LETTUCE, OAK LEAF | GG | - | 7696.9 | 45738.6 | 371.5 | 483.9 | | | | | | |
| B2 | 209 | LETTUCE | GG | - | 6327.8 | 38233.6 | 332.3 | 676.3 | | | | | | |
| B2 | 210 | RASPBERRIES | GG | - | 6378.3 | 20490.4 | <LOD | <LOD | | | | | | |
| B2 | 211 | GOOSEBERRIES | GG | - | 4045.8 | 7038.0 | <LOD | <LOD | | | | | | |
| B2 | 212 | BROADBEAN | GG | - | 7977.5 | 18609.7 | <LOD | <LOD | | | | | | |
| B2 | 213 | POTATO, NEW | GG | Peeled | 2332.8 | 6576.4 | 39.6 | <LOD | Unpeeled | 2761.2 | 7396.6 | 85.7 | 74.2 | |
| B2 | 215 | STRAWBERRIES | GG | - | 2834.8 | 7835.2 | <LOD | <LOD | | | | | | |
| B2 | 216 | RASPBERRIES | GG | - | 3559.3 | 12692.1 | <LOD | <LOD | | | | | | |
| B2 | 217 | GOOSEBERRIES | GG | - | 4574.4 | 8182.6 | <LOD | <LOD | | | | | | |
| B2 | 218 | LETTUCE, LOLLO ROSSO | GG | - | 5998.2 | 53196.6 | 583.3 | 2753.7 | | | | | | |
| B2 | 219 | LETTUCE | GG | - | 8803.0 | 45206.0 | 251.7 | 3498.2 | | | | | | |
| B2 | 220 | CABBAGE, SAVOY | GG | - | 3503.9 | 20916.7 | 31.1 | <LOD | | | | | | |
| B2 | 221 | POTATO, NEW | GG | Peeled | 2601.1 | 10069.1 | 74.1 | <LOD | Unpeeled | 3166.9 | 9278.2 | 90.3 | <LOD | |
| B2 | 223 | SALAD, MIXED, ORGANIC | GG | - | 10875.1 | 47944.0 | 245.5 | 2960.9 | | | | | | |
| B2 | 224 | SPINACH, ORGANIC | GG | - | <LOD | 11927.7 | 551.3 | <LOD | | | | | | |
| B2 | 225 | GREENS, SPRING, ORGANIC | GG | - | 2073.6 | 17219.9 | 77.1 | 610.8 | | | | | | |
| B2 | 226 | POTATO, NEW, ORGANIC | GG | Peeled | <LOD | 6773.0 | <LOD | <LOD | Unpeeled | <LOD | 8320.6 | <LOD | 105.1 | |
| B2 | 228 | STRAWBERRIES | GG | - | 4474.9 | 8849.2 | <LOD | <LOD | | | | | | |
| B2 | 229 | RASPBERRIES | GG | - | 6518.3 | 17625.5 | <LOD | <LOD | | | | | | |
| B2 | 230 | RHUBARB | GG | - | 2988.7 | 18311.3 | 237.0 | 249.8 | | | | | | |
| B2 | 231 | BROCCOLI / CALABRESE | GG | - | 5507.5 | 50148.0 | 37.8 | <LOD | | | | | | |
| B2 | 232 | BROADBEAN | GG | - | 11606.9 | 27770.2 | <LOD | <LOD | | | | | | |
| B2 | 233 | CABBAGE, SAVOY | GG | - | 4126.2 | 20517.7 | 34.3 | <LOD | | | | | | |
| B2 | 234 | CABBAGE | GG | - | 2348.6 | 15654.7 | 47.8 | <LOD | | | | | | |
| B2 | 235 | LEEK | GG | - | 4778.6 | 22780.8 | <LOD | <LOD | | | | | | |
| B2 | 236 | POTATO, NEW | GG | Peeled | 5181.8 | 11202.5 | <LOD | <LOD | Unpeeled | 8615.6 | 15418.6 | <LOD | 113.8 | |
| B2 | 238 | STRAWBERRIES | HB | - | 3112.2 | 2167.0 | 44.7 | 3228.0 | | | | | | |
| B2 | 239 | CAULIFLOWER | HB | - | 2465.1 | 19434.6 | <LOD | <LOD | | | | | | |
| B2 | 240 | POTATO, NEW | HB | Peeled | 3575.2 | 7646.9 | <LOD | <LOD | Unpeeled | 3617.2 | 8203.0 | 32.6 | 95.8 | |
| B2 | 242 | STRAWBERRIES | FS | - | 1976.6 | 9571.0 | <LOD | <LOD | 102.6 | | | | | |
| B2 | 243 | GOOSEBERRIES | FS | - | 4266.9 | 7675.3 | <LOD | <LOD | | | | | | |

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|----|-----|----------------------|----|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|--|
| B2 | 244 | GREENS, SPRING | FS | - | 2518.9 | 14446.5 | <LOD | 150.1 | | | | | | |
| B2 | 245 | STRAWBERRIES | FS | - | <LOD | 11499.0 | <LOD | <LOD | | | | | | |
| B2 | 246 | CAULIFLOWER | FS | - | 3000.6 | 25240.2 | 77.8 | <LOD | | | | | | |
| B2 | 247 | CABBAGE | FS | - | 3165.9 | 2294.7 | 100.2 | 3359.8 | | | | | | |
| B2 | 248 | LEEK | FS | - | <LOD | 19015.9 | 42.8 | 72.3 | | | | | | |
| B2 | 249 | CARROT | FS | Peeled | 3667.6 | 14687.4 | <LOD | 106.2 | Unpeeled | 2778.3 | 10387.6 | 31.7 | <LOD | |
| B2 | 251 | PARSNIP | FS | Peeled | <LOD | 6241.6 | 91.5 | <LOD | Unpeeled | <LOD | 4607.2 | 111.1 | <LOD | |
| B2 | 253 | SWEDE | FS | Peeled | 3517.5 | 7656.5 | 40.0 | <LOD | Unpeeled | 2276.3 | 10777.8 | 44.8 | 88.0 | |
| B2 | 255 | POTATO, NEW | FS | Peeled | 2018.2 | 6768.3 | <LOD | <LOD | Unpeeled | <LOD | 2799.2 | <LOD | <LOD | |
| B2 | 257 | POTATO | FS | Peeled | 5600.2 | 10532.6 | 31.7 | <LOD | Unpeeled | 6315.3 | 11452.4 | 42.9 | <LOD | |
| B2 | 259 | BEETROOT | FS | Peeled | 6721.4 | 15519.9 | 351.8 | 73.5 | Unpeeled | 5683.1 | 15164.3 | 351.8 | <LOD | |
| B2 | 261 | POTATO | FS | Peeled | 6158.2 | 8677.3 | <LOD | <LOD | Unpeeled | 4820.3 | 7493.1 | <LOD | 141.6 | |
| B2 | 263 | STRAWBERRIES | GG | - | <LOD | 9723.5 | <LOD | <LOD | | | | | | |
| B2 | 264 | LETTUCE | GG | - | 5415.4 | 22473.6 | 220.7 | <LOD | | | | | | |
| B2 | 265 | GOOSEBERRIES | GG | - | 4892.0 | 9565.9 | <LOD | <LOD | | | | | | |
| B2 | 266 | BLACKCURRENTS | GG | - | 4492.1 | 12146.3 | <LOD | <LOD | | | | | | |
| B2 | 267 | LOGANBERRY | GG | - | 4825.6 | 10396.2 | <LOD | <LOD | | | | | | |
| B2 | 268 | BLACKCURRENTS | GG | - | 4365.4 | 11675.6 | <LOD | <LOD | | | | | | |
| B2 | 269 | REDCURRENTS | GG | - | 3712.8 | 8715.7 | <LOD | <LOD | | | | | | |
| B2 | 270 | SWEDE | GG | Peeled | <LOD | 7649.4 | 31.2 | <LOD | Unpeeled | <LOD | 6104.3 | 34.8 | <LOD | |
| B2 | 273 | COURGETTE | GG | Unpeeled | 11908.9 | 43180.6 | <LOD | 84.9 | Peeled | 12266.7 | 41201.4 | <LOD | <LOD | |
| B2 | 274 | CAULIFLOWER | GG | - | 2836.8 | 17224.0 | 34.5 | <LOD | | | | | | |
| B2 | 275 | BROCCOLI / CALABRESE | GG | - | 3836.4 | 24872.9 | 52.8 | <LOD | | | | | | |
| B2 | 276 | POTATO, NEW | GG | Peeled | 2405.8 | 6416.0 | <LOD | <LOD | Unpeeled | 2253.4 | 6835.3 | <LOD | 413.2 | |
| B2 | 278 | CABBAGE | GG | - | 2268.9 | 10480.8 | 45.2 | <LOD | | | | | | |
| B2 | 279 | BROCCOLI / CALABRESE | FS | - | 3240.2 | 32104.5 | <LOD | <LOD | | | | | | |
| B2 | 280 | CABBAGE, SAVOY | FS | - | 1896.8 | 11859.7 | 34.1 | <LOD | | | | | | |
| B2 | 282 | COURGETTE | FS | Unpeeled | 10671.4 | 49290.1 | 52.2 | 82.8 | Peeled | 10416.3 | 43367.6 | 46.3 | <LOD | |
| B2 | 283 | PEAS | FS | - | 9062.3 | 32047.2 | <LOD | <LOD | | | | | | |
| B2 | 284 | BROADBEAN | FS | - | 11194.2 | 23600.9 | <LOD | <LOD | | | | | | |
| B2 | 285 | CABBAGE, SAVOY | FS | - | 4874.8 | 24272.3 | 34.5 | <LOD | | | | | | |
| B2 | 286 | POTATO, NEW | FS | Peeled | <LOD | 3577.1 | 38.6 | <LOD | Unpeeled | 1775.7 | 4412.3 | 37.5 | <LOD | |
| B2 | 288 | SAMPHIRE | GG | - | 4540.2 | 18201.5 | 85.5 | 139.6 | | | | | | |
| B2 | 290 | COURGETTE | GG | Unpeeled | 14051.2 | 72127.5 | <LOD | <LOD | Peeled | 17115.7 | 74958.2 | <LOD | <LOD | |
| B2 | 291 | POTATO, RED | GG | Peeled | <LOD | 6431.6 | 46.7 | <LOD | Unpeeled | 1833.8 | 8916.2 | 113.4 | <LOD | |
| B2 | 293 | GOOSEBERRIES | GG | - | 8630.2 | 28057.9 | <LOD | 2059.2 | | | | | | |
| B2 | 294 | LETTUCE, COS | GG | - | 3920.5 | 35458.1 | 440.1 | 482.0 | | | | | | |
| B2 | 295 | STRAWBERRIES | GG | - | 5185.1 | 8166.0 | 35.2 | <LOD | | | | | | |
| B2 | 296 | STRAWBERRIES | MS | - | 3931.3 | 7076.6 | <LOD | <LOD | | | | | | |
| B2 | 297 | GOOSEBERRIES | MS | - | 3053.7 | 17716.2 | <LOD | 533.5 | | | | | | |
| B2 | 298 | STRAWBERRIES | GG | - | 4624.8 | 9142.7 | 45.5 | <LOD | | | | | | |
| B2 | 299 | GOOSEBERRIES | GG | - | 1718.2 | 5630.7 | <LOD | 126.2 | | | | | | |
| B2 | 300 | LETTUCE, RED | GG | - | <LOD | <LOD | 567.1 | <LOD | | | | | | |
| B2 | 301 | LETTUCE | GG | - | 4967.4 | 32564.7 | 146.6 | 117.0 | | | | | | |

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|----|-----|----------------------|----|----------|---------|---------|-------|-------|----------|---------|---------|-------|-------|
| B2 | 302 | POTATO, NEW | GG | Peeled | <LOD | 8480.2 | <LOD | <LOD | Unpeeled | <LOD | 8796.5 | 41.8 | <LOD |
| B2 | 304 | PEAS | MS | - | 9681.5 | 29289.6 | <LOD | <LOD | | | | | |
| B2 | 305 | BROCCOLI / CALABRESE | MS | - | 4487.1 | 32697.1 | 74.6 | <LOD | | | | | |
| B2 | 306 | POTATO, NEW | MS | Peeled | 2083.6 | 13361.0 | <LOD | 132.2 | Unpeeled | 1671.3 | 3550.6 | <LOD | <LOD |
| B2 | 308 | CABBAGE, SAVOY | MS | - | 2893.1 | 22945.1 | 40.6 | <LOD | | | | | |
| B2 | 309 | CABBAGE | MS | - | 1877.7 | 12511.5 | 43.0 | <LOD | | | | | |
| B2 | 310 | BROCCOLI / CALABRESE | GG | - | 4248.3 | 28046.9 | <LOD | <LOD | | | | | |
| B2 | 311 | SWEDE | GG | Peeled | 2237.7 | 9216.0 | 30.9 | <LOD | Unpeeled | 2309.4 | 8601.1 | 40.5 | 182.3 |
| B2 | 313 | CABBAGE, SAVOY | GG | - | 2728.4 | 25005.6 | <LOD | <LOD | | | | | |
| B2 | 314 | CABBAGE | GG | - | 1700.0 | 13702.2 | <LOD | <LOD | | | | | |
| B2 | 315 | CABBAGE | GG | - | 2323.7 | 13489.6 | 61.9 | <LOD | | | | | |
| B2 | 316 | POTATO, NEW | GG | Peeled | 3992.3 | 8092.9 | <LOD | <LOD | Unpeeled | 4452.1 | 12834.3 | <LOD | 133.9 |
| B2 | 318 | POTATO | GG | Peeled | 1603.6 | 11058.5 | 34.9 | <LOD | Unpeeled | <LOD | 7065.5 | 44.2 | <LOD |
| B3 | 1 | RUNNER BEANS | FS | - | 5614.0 | 22092.5 | <LOD | <LOD | | | | | |
| B3 | 2 | TOMATO | FS | - | 4179.4 | 13847.3 | <LOD | <LOD | | | | | |
| B3 | 4 | COURGETTE | FS | Unpeeled | 24866.3 | 74189.6 | 45.8 | 74.4 | Peeled | 22743.2 | 69133.0 | <LOD | <LOD |
| B3 | 5 | TOMATO | FS | - | 6307.4 | 29216.8 | <LOD | <LOD | | | | | |
| B3 | 6 | LETTUCE | FS | - | 4314.7 | 23395.1 | 217.1 | 461.7 | | | | | |
| B3 | 7 | GREENS, SPRING | FS | - | 3014.5 | 16194.3 | <LOD | <LOD | | | | | |
| B3 | 8 | POTATO | FS | Peeled | 6291.5 | 13588.1 | <LOD | <LOD | Unpeeled | 6568.8 | 14820.2 | <LOD | <LOD |
| B3 | 10 | CARROT | FS | Peeled | 3374.6 | 20456.3 | 145.1 | 236.7 | Unpeeled | 4682.5 | 20912.7 | 201.0 | 172.4 |
| B3 | 12 | BEETROOT | FS | Peeled | 7915.3 | 24406.7 | 109.8 | 112.2 | Unpeeled | 8618.4 | 26592.3 | 125.6 | 334.7 |
| B3 | 14 | ONION | FS | - | 3911.5 | 25540.9 | 199.3 | <LOD | | | | | |
| B3 | 15 | BROCCOLI / CALABRESE | FS | - | 5107.2 | 44236.3 | 150.5 | <LOD | | | | | |
| B3 | 16 | POTATO | GG | Peeled | 3779.8 | 9749.3 | <LOD | <LOD | Unpeeled | 4414.2 | 10638.1 | <LOD | <LOD |
| B3 | 18 | CARROT | GG | Peeled | 3213.9 | 26565.1 | 97.6 | 107.6 | Unpeeled | 4420.6 | 26032.4 | 171.9 | 161.6 |
| B3 | 21 | COURGETTE | GG | Unpeeled | 17527.4 | 68447.3 | <LOD | 92.0 | Peeled | 14706.8 | 68178.7 | <LOD | <LOD |
| B3 | 22 | LETTUCE | GG | - | 4326.3 | 35464.8 | 236.6 | 419.9 | | | | | |
| B3 | 23 | TOMATO | GG | - | 4390.2 | 17173.5 | 32.5 | <LOD | | | | | |
| B3 | 24 | SQUASH | GG | Peeled | 3576.3 | 19558.0 | <LOD | <LOD | Unpeeled | 4240.7 | 21392.1 | <LOD | <LOD |
| B3 | 26 | GREENS, SPRING | GG | - | 3586.1 | 36861.9 | 382.1 | <LOD | | | | | |
| B3 | 27 | POTATO | GG | Peeled | 8038.1 | 12988.2 | 72.8 | <LOD | Unpeeled | 6796.6 | 14751.2 | 53.0 | 115.8 |
| B3 | 29 | CARROT | GG | Peeled | 3186.8 | 23493.1 | 146.1 | 205.1 | Unpeeled | 4424.1 | 23475.1 | 209.3 | 275.8 |
| B3 | 32 | COURGETTE | GG | Unpeeled | 26335.7 | 74865.7 | 45.7 | <LOD | Peeled | 23010.5 | 71790.4 | 41.2 | <LOD |
| B3 | 33 | LETTUCE | GG | - | 5151.6 | 33193.3 | 200.4 | 95.7 | | | | | |
| B3 | 34 | STRAWBERRIES | GG | - | 4864.7 | 10246.5 | <LOD | <LOD | | | | | |
| B3 | 35 | POTATO | GG | Peeled | 15417.2 | 15947.6 | 48.8 | <LOD | Unpeeled | 7417.5 | 15844.8 | 80.3 | <LOD |
| B3 | 37 | CARROT | GG | Peeled | 2340.4 | 17811.6 | 101.7 | 296.8 | Unpeeled | 3141.7 | 18163.1 | 132.5 | 265.3 |
| B3 | 39 | BEETROOT | GG | Peeled | 6031.7 | 15946.7 | 63.9 | <LOD | Unpeeled | 7217.7 | 19613.5 | 75.1 | 122.6 |
| B3 | 41 | ONION | GG | - | 4160.4 | 21140.8 | 226.0 | <LOD | | | | | |
| B3 | 42 | LETTUCE, COS | GG | - | 4577.9 | 33926.7 | 449.9 | 262.0 | | | | | |
| B3 | 43 | RUNNER BEANS | GG | - | 3576.9 | 23626.9 | <LOD | <LOD | | | | | |
| B3 | 45 | COURGETTE | GG | Unpeeled | 16123.6 | 68155.9 | <LOD | 107.6 | Peeled | 18574.9 | 66299.1 | <LOD | <LOD |
| B3 | 47 | COURGETTE | GG | Unpeeled | 12272.9 | 62837.4 | <LOD | 160.3 | Peeled | 12527.9 | 55202.3 | <LOD | 78.1 |

| | | | | | | | | | | | | | | |
|----|-----|----------------------|----|----------|---------|----------|-------|--------|----------|---------|---------|-------|-------|--|
| B3 | 48 | BROCCOLI / CALABRESE | GG | - | 4659.9 | 37748.5 | 111.1 | <LOD | | | | | | |
| B3 | 50 | COURGETTE | GG | Unpeeled | 14089.5 | 72687.3 | <LOD | <LOD | Peeled | 15626.5 | 66607.8 | <LOD | <LOD | |
| B3 | 52 | COURGETTE | GG | Unpeeled | 17530.1 | 84112.5 | <LOD | <LOD | Peeled | 18303.3 | 74111.3 | <LOD | <LOD | |
| B3 | 53 | CABBAGE, RED | GG | - | 2212.6 | 17308.6 | <LOD | <LOD | | | | | | |
| B3 | 54 | KALE, CURLY | GG | - | 3344.6 | 26535.1 | 263.7 | <LOD | | | | | | |
| B3 | 55 | CHARD | GG | - | 8167.0 | 36496.0 | 294.0 | 79.3 | | | | | | |
| B3 | 57 | COURGETTE | GG | Unpeeled | 10565.2 | 39705.8 | <LOD | <LOD | Peeled | 9384.3 | 35015.3 | <LOD | <LOD | |
| B3 | 59 | COURGETTE | GG | Unpeeled | 10525.6 | 47326.3 | <LOD | <LOD | Peeled | 7441.9 | 40674.9 | <LOD | <LOD | |
| B3 | 60 | POTATO | GG | Peeled | 6205.9 | 14459.7 | <LOD | <LOD | Unpeeled | 7073.6 | 13682.6 | 30.8 | <LOD | |
| B3 | 63 | CUCUMBER | GG | Unpeeled | 6049.6 | 32224.1 | <LOD | <LOD | Peeled | 4999.9 | 33436.9 | <LOD | 114.7 | |
| B3 | 64 | RUNNER BEANS | GG | - | 4349.6 | 33046.2 | <LOD | <LOD | | | | | | |
| B3 | 65 | ONION | GG | - | 8459.6 | 27672.3 | 64.5 | <LOD | | | | | | |
| B3 | 66 | LEEK | GG | - | 4349.7 | 29439.3 | 363.4 | <LOD | | | | | | |
| B3 | 67 | POTATO | GG | Peeled | 7525.7 | 15620.4 | 49.6 | <LOD | Unpeeled | 7857.6 | 16496.6 | 54.7 | 85.4 | |
| B3 | 69 | POTATO | GG | Peeled | 5718.7 | 11057.4 | <LOD | <LOD | Unpeeled | 5476.4 | 8505.0 | <LOD | <LOD | |
| B3 | 71 | SPINACH | GG | - | 12525.2 | 271000.6 | 480.9 | 1510.6 | | | | | | |
| B3 | 72 | SQUASH | GG | Peeled | 4558.6 | 16892.6 | 33.7 | <LOD | Unpeeled | 4798.5 | 16039.3 | 35.8 | <LOD | |
| B3 | 74 | SQUASH | GG | Peeled | 4688.4 | 11053.9 | <LOD | <LOD | Unpeeled | 5190.8 | 12340.4 | <LOD | <LOD | |
| B3 | 76 | LEEK | GG | - | 7601.6 | 17638.2 | 71.7 | <LOD | | | | | | |
| B3 | 77 | POTATO | FS | Peeled | 5488.0 | 11239.5 | <LOD | <LOD | Unpeeled | 5623.5 | 12725.9 | <LOD | <LOD | |
| B3 | 79 | RUNNER BEANS | FS | - | 3574.6 | 32888.5 | <LOD | 108.2 | | | | | | |
| B3 | 80 | CABBAGE, SAVOY | FS | - | 2630.6 | 18366.1 | <LOD | 86.9 | | | | | | |
| B3 | 81 | PARSNIP | GG | Peeled | 2999.0 | 9613.8 | 41.9 | 90.5 | Unpeeled | 3587.0 | 9882.2 | 59.0 | <LOD | |
| B3 | 83 | STRAWBERRIES | FM | - | <LOD | 12862.1 | <LOD | <LOD | | | | | | |
| B3 | 84 | TOMATO | FM | - | 3694.0 | 12887.8 | 66.2 | <LOD | | | | | | |
| B3 | 86 | APPLES | FM | Unpeeled | 2285.5 | 2751.0 | <LOD | <LOD | Peeled | 2349.7 | 4589.8 | <LOD | <LOD | |
| B3 | 88 | CUCUMBER | FM | Unpeeled | 3839.6 | 30300.7 | <LOD | <LOD | Peeled | 3089.3 | 30869.7 | <LOD | <LOD | |
| B3 | 90 | COURGETTE | FM | Unpeeled | 7343.3 | 65680.3 | <LOD | <LOD | Peeled | 10425.1 | 64856.5 | <LOD | 95.8 | |
| B3 | 91 | CARROT | FM | Peeled | 4266.3 | 24847.7 | 223.3 | 366.4 | Unpeeled | 5050.6 | 24739.8 | 256.2 | 358.9 | |
| B3 | 93 | BEETROOT | FM | Peeled | 6243.8 | 34820.0 | 108.6 | <LOD | Unpeeled | 7708.3 | 43903.4 | 123.2 | 103.8 | |
| B3 | 95 | STRAWBERRIES | GG | - | <LOD | 12023.2 | <LOD | 295.7 | | | | | | |
| B3 | 96 | TOMATO | GG | - | 5112.5 | 14548.8 | 99.3 | <LOD | | | | | | |
| B3 | 97 | LETTUCE, OAK LEAF | GG | - | 12032.5 | 23739.6 | 897.1 | 718.6 | | | | | | |
| B3 | 98 | RASPBERRIES | GG | - | 4508.7 | 17560.0 | <LOD | <LOD | | | | | | |
| B3 | 99 | STRAWBERRIES | GG | - | 2524.5 | 12411.1 | 163.4 | <LOD | | | | | | |
| B3 | 100 | CARROT | GG | Peeled | 2356.2 | 15237.1 | 188.0 | 72.4 | Unpeeled | 2968.6 | 13059.1 | 223.8 | <LOD | |
| B3 | 102 | BROCCOLI / CALABRESE | GG | - | 7582.4 | 57404.7 | 68.7 | <LOD | | | | | | |
| B3 | 103 | RUNNER BEANS | GG | - | 3005.4 | 23433.7 | <LOD | <LOD | | | | | | |
| B3 | 104 | BEETROOT | GG | Peeled | 9137.3 | 26661.1 | 84.6 | <LOD | Unpeeled | 9324.1 | 29470.9 | 95.8 | 71.8 | |
| B3 | 106 | PARSNIP | GG | Peeled | 2628.8 | 13467.2 | 121.4 | 81.6 | Unpeeled | 2444.3 | 11429.9 | 116.2 | <LOD | |
| B3 | 109 | COURGETTE | GG | Unpeeled | 15445.7 | 50220.4 | <LOD | 113.1 | Peeled | 23334.1 | 51534.1 | <LOD | <LOD | |
| B3 | 110 | POTATO | GG | Peeled | 7637.4 | 19904.4 | 32.3 | <LOD | Unpeeled | 7868.6 | 16080.7 | 32.4 | <LOD | |
| B3 | 112 | POTATO | FS | Peeled | 7249.2 | 13396.4 | 55.1 | <LOD | Unpeeled | 7156.1 | 10450.3 | 62.8 | <LOD | |
| B3 | 114 | SQUASH | FS | Peeled | 4605.4 | 18903.4 | 33.2 | <LOD | Unpeeled | 4391.8 | 16092.7 | <LOD | <LOD | |

| | | | | | | | | | | | | | | |
|----|-----|--------------------|----|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|--|
| B3 | 116 | TOMATO | GG | - | 6262.0 | 15945.9 | 59.1 | <LOD | | | | | | |
| B3 | 117 | GREENS, SPRING | GG | - | 2309.9 | 21893.9 | 33.9 | <LOD | | | | | | |
| B3 | 118 | SALAD, MIXED LEAFY | GG | - | 8693.4 | 56335.9 | 620.2 | 819.3 | | | | | | |
| B3 | 119 | CARROT | GG | Peeled | 1807.6 | 15404.8 | 36.1 | 111.3 | Unpeeled | 2432.1 | 14009.6 | 44.7 | 218.5 | |
| B3 | 121 | BEETROOT | GG | Peeled | 6876.2 | 20249.2 | 228.2 | 227.6 | Unpeeled | 7822.3 | 21002.7 | 230.3 | 206.3 | |
| B3 | 123 | LETTUCE, OAK LEAF | FS | - | 9052.6 | 76934.0 | 153.7 | 985.4 | | | | | | |
| B3 | 124 | TOMATO | FS | - | 4177.1 | 11513.3 | 50.4 | <LOD | | | | | | |
| B3 | 125 | GREENS, SPRING | FS | - | 2902.7 | 26027.6 | 61.1 | <LOD | | | | | | |
| B3 | 126 | CARROT | FS | Peeled | 3270.5 | 23807.7 | 104.0 | <LOD | Unpeeled | 4105.3 | 20175.9 | 154.0 | 126.6 | |
| B3 | 128 | PARSNIP | FS | Peeled | 3472.4 | 16025.9 | <LOD | 120.6 | Unpeeled | 4622.6 | 13725.4 | <LOD | 116.2 | |
| B3 | 130 | POTATO | GG | Peeled | 4171.0 | 10473.5 | 37.8 | <LOD | Unpeeled | 4251.9 | 9920.3 | 39.3 | <LOD | |
| B3 | 132 | COURGETTE | GG | Peeled | 11916.8 | 45712.7 | <LOD | <LOD | Unpeeled | 12441.7 | 46742.1 | <LOD | 79.4 | |
| B3 | 134 | CARROT | GG | Peeled | 3142.5 | 17465.3 | <LOD | 272.6 | Unpeeled | 4656.5 | 16627.8 | <LOD | 257.4 | |
| B3 | 136 | CABBAGE | GG | - | 2483.5 | 14265.5 | 84.1 | <LOD | | | | | | |
| B3 | 137 | TOMATO | FM | - | 4512.5 | 16104.6 | 41.6 | <LOD | | | | | | |
| B3 | 138 | CHARD | FM | - | 7884.9 | 39977.7 | 255.6 | 585.1 | | | | | | |
| B3 | 140 | COURGETTE | FM | Unpeeled | 11431.7 | 73905.6 | <LOD | 88.9 | Peeled | 10178.6 | 67968.7 | <LOD | 76.8 | |
| B3 | 141 | BEETROOT | FM | - | 8530.0 | 42810.0 | 228.9 | 86.9 | | | | | | |
| B3 | 142 | BEETROOT | FM | - | 9133.1 | 44219.9 | 234.7 | 85.6 | | | | | | |
| B3 | 143 | SQUASH | FM | Peeled | 2755.6 | 33556.8 | <LOD | <LOD | Unpeeled | 3102.9 | 30457.6 | <LOD | <LOD | |
| B3 | 145 | KALE, CURLY | FS | - | 3995.4 | 18654.6 | <LOD | <LOD | | | | | | |
| B3 | 146 | RHUBARB | FS | - | 2880.5 | 15702.9 | 142.2 | 347.5 | | | | | | |
| B3 | 147 | TOMATO | FS | - | 4935.6 | 13461.1 | <LOD | <LOD | | | | | | |
| B3 | 148 | RUNNER BEANS | FS | - | 5771.7 | 24391.1 | <LOD | <LOD | | | | | | |
| B3 | 149 | ROMANESCO BROCCOLI | FS | - | 3746.7 | 35978.4 | 31.8 | <LOD | | | | | | |
| B3 | 150 | PARSNIP | FS | Peeled | 3101.9 | 11740.3 | <LOD | <LOD | Unpeeled | 3901.4 | 13257.7 | <LOD | <LOD | |
| B3 | 153 | APPLES | FS | Unpeeled | 1970.4 | 3302.1 | <LOD | <LOD | Peeled | <LOD | 4921.5 | <LOD | <LOD | |
| B3 | 155 | APPLES | FS | Unpeeled | 1927.8 | 3857.8 | <LOD | <LOD | Peeled | 1920.9 | 4284.4 | <LOD | <LOD | |
| B3 | 157 | APPLES | FS | Unpeeled | 1933.7 | 3027.1 | <LOD | <LOD | Peeled | 1751.9 | 4282.9 | <LOD | <LOD | |
| B3 | 158 | PARSNIP | FS | Peeled | 4099.5 | 14984.3 | <LOD | <LOD | Unpeeled | 3715.4 | 11375.2 | <LOD | 116.0 | |
| B3 | 161 | COURGETTE | FS | Unpeeled | 11708.3 | 58399.2 | <LOD | 383.0 | Peeled | 11998.0 | 57471.1 | <LOD | <LOD | |
| AM | 1 | GREENS, SPRING | GG | - | 1945.8 | 18523.0 | 58.4 | <LOD | | | | | | |
| AM | 2 | LETTUCE | GG | - | 4113.3 | 49190.9 | 203.7 | <LOD | | | | | | |
| AM | 3 | ASPARAGUS | GG | - | 20986.0 | 88866.1 | 38.4 | <LOD | | | | | | |
| AM | 4 | LETTUCE, RED | GG | - | 10540.8 | 50884.8 | 256.2 | 1006.0 | | | | | | |
| AM | 5 | STRAWBERRIES | GG | - | 3937.2 | 9140.3 | <LOD | <LOD | | | | | | |
| AM | 6 | RHUBARB | GG | - | 2506.7 | 9412.5 | 161.3 | 753.5 | | | | | | |
| AM | 7 | PEAS | FS | - | 7018.4 | 29989.2 | <LOD | <LOD | | | | | | |
| AM | 8 | POTATO, NEW | | | | | | | Unpeeled | 12257.5 | 24651.3 | 85.2 | <LOD | |
| AM | 9 | STRAWBERRIES | FS | - | 3329.1 | 8960.1 | <LOD | <LOD | | | | | | |
| AM | 10 | BROADBEAN | FS | - | 19527.2 | 42443.7 | <LOD | <LOD | | | | | | |
| AM | 11 | GREENS, SPRING | FS | - | 4619.9 | 30536.7 | 177.8 | <LOD | | | | | | |
| AM | 12 | RADISHE | FS | - | 2862.6 | 26948.8 | 98.2 | 121.1 | | | | | | |
| AM | 13 | RHUBARB | HB | - | 3299.3 | 45202.6 | 155.4 | 1796.3 | | | | | | |

| | | | | | | | | | | | | | |
|----|----|--------------|----|--------|---------|---------|-------|--------|----------|---------|---------|-------|-------|
| AM | 17 | ASPARAGUS | GG | - | 23497.4 | 85518.1 | <LOD | <LOD | | | | | |
| AM | 18 | POTATO, NEW | | | | | | | Unpeeled | 2421.2 | 8832.2 | <LOD | <LOD |
| AM | 19 | PARSNIP | GG | Peeled | 8307.5 | 18540.4 | 215.4 | 268.6 | | | | | |
| AM | 20 | CABBAGE | GG | - | 5847.6 | 59138.7 | <LOD | 173.2 | | | | | |
| AM | 21 | STRAWBERRIES | GG | - | 2987.0 | 5205.0 | <LOD | <LOD | | | | | |
| AM | 22 | CARROT | GG | Peeled | 3432.1 | 15359.5 | 255.1 | <LOD | | | | | |
| AM | 23 | RHUBARB | HB | - | 6231.2 | 71828.9 | 490.2 | 558.5 | | | | | |
| AM | 25 | STRAWBERRIES | GG | - | 3107.5 | 9520.0 | <LOD | 75.9 | | | | | |
| AM | 26 | RASPBERRIES | GG | - | 7453.3 | 23032.2 | <LOD | <LOD | | | | | |
| AM | 27 | LETTUCE | GG | - | 10170.4 | 50151.3 | 125.8 | <LOD | | | | | |
| AM | 28 | LEEK | GG | - | 4001.0 | 14459.4 | 54.8 | <LOD | | | | | |
| AM | 29 | RHUBARB | GG | - | 4491.3 | 14134.8 | <LOD | 187.6 | | | | | |
| AM | 30 | STRAWBERRIES | GG | - | <LOD | 6669.4 | <LOD | <LOD | | | | | |
| AM | 31 | ASPARAGUS | GG | - | 21632.5 | 86406.7 | 38.0 | <LOD | | | | | |
| AM | 32 | POTATO, NEW | | | | | | | Unpeeled | 9833.2 | 24550.1 | <LOD | <LOD |
| AM | 42 | STRAWBERRIES | FS | - | 2362.9 | 6854.8 | <LOD | <LOD | | | | | |
| AM | 49 | BLUEBERRY | HB | - | 9503.5 | 12800.5 | <LOD | 88.7 | | | | | |
| AM | 50 | CHERRY | HB | - | 7822.6 | 11750.6 | <LOD | <LOD | | | | | |
| AM | 51 | STRAWBERRIES | HB | - | <LOD | 20417.6 | 32.8 | 71.6 | | | | | |
| AM | 52 | CARROT | FF | Peeled | 2872.6 | 19162.8 | 44.6 | <LOD | | | | | |
| AM | 53 | CABBAGE | FF | - | 4314.0 | 36543.6 | 55.8 | <LOD | | | | | |
| AM | 54 | LEEK | FS | - | 1637.2 | 15725.5 | 157.0 | <LOD | | | | | |
| AM | 55 | STRAWBERRIES | FS | - | 4467.2 | 12168.7 | <LOD | <LOD | | | | | |
| AM | 56 | POTATO, NEW | | | | | | | Unpeeled | 10740.5 | 20181.5 | 59.0 | 86.3 |
| AM | 57 | ASPARAGUS | FS | - | 23686.3 | 92835.4 | 32.8 | 178.3 | | | | | |
| AM | 58 | RHUBARB | GG | | 3757.6 | 21171.8 | 404.0 | 1346.6 | | | | | |
| AM | 59 | STRAWBERRIES | FS | - | 4534.6 | 12726.2 | <LOD | <LOD | | | | | |
| AM | 60 | STRAWBERRIES | FS | - | 1580.2 | 15713.2 | <LOD | <LOD | | | | | |
| AM | 62 | ASPARAGUS | FS | - | 17391.4 | 61797.3 | <LOD | <LOD | | | | | |
| AM | 63 | POTATO, NEW | | | | | | | Unpeeled | 5038.3 | 10653.7 | 88.1 | <LOD |
| AM | 64 | LETTUCE | FS | - | 5142.7 | 49082.4 | 152.2 | <LOD | | | | | |
| AM | 65 | STRAWBERRIES | FS | - | <LOD | 10333.5 | <LOD | <LOD | | | | | |
| AM | 66 | ASPARAGUS | FS | - | 20822.7 | 76866.0 | <LOD | <LOD | | | | | |
| AM | 67 | LETTUCE | FS | - | 4022.4 | 47075.3 | 211.9 | <LOD | | | | | |
| AM | 68 | CARROT | FS | Peeled | 5904.7 | 36131.8 | 80.4 | 283.4 | Unpeeled | 8357.4 | 32193.7 | 110.5 | 204.4 |
| AM | 70 | BROADBEAN | FS | - | 13890.3 | 30212.1 | <LOD | <LOD | | | | | |
| AM | 71 | POTATO, NEW | | | | | | | Unpeeled | 5175.9 | 13683.0 | <LOD | 243.9 |
| AM | 72 | POTATO, NEW | | | | | | | Unpeeled | 4802.7 | 13422.6 | 43.0 | 502.7 |
| AM | 73 | POTATO | FS | Peeled | 4240.3 | 11418.0 | <LOD | <LOD | Unpeeled | 4815.8 | 11812.7 | <LOD | 435.8 |

Table C. Total cadmium, copper, lead and zinc concentrations in all samples survey in the NE basket survey. Element concentrations are given as ng/g fresh weight.

| Survey number | Produce | Preparation method | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g | Alternative preparation | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g |
|---------------|-------------------------|--------------------|---------|---------|---------|---------|-------------------------|---------|---------|---------|---------|
| AB 1 | KALE | | 25.6 | 486.6 | 180.3 | 3470.8 | | | | | |
| AB 2 | BEETROOT | | 101 | 845.3 | 141.8 | 22180 | | | | | |
| AB 3 | BRUSSEL SPROUTS, PURPLE | | 8.2 | 870.2 | 135.8 | 13662.5 | | | | | |
| AB 5 | BEETROOT | Peeled | 29.1 | 1094.9 | 93.1 | 22285.5 | Unpeeled | 31.7 | 1315.6 | 118.8 | 26038.4 |
| AB 7 | POTATO | Peeled | 24.3 | 1078.6 | <LOD | 1849.8 | Unpeeled | 18.9 | 1004.9 | <LOD | 2091.1 |
| AB 8 | CAULIFLOWER | | <LOD | 268.9 | <LOD | 2154.4 | | | | | |
| AB 10 | CARROT | Peeled | 19.5 | 301.5 | 14.4 | 1456.6 | Unpeeled | 11.5 | <LOD | 15.5 | 1601.6 |
| AB 12 | TURNIP | | 6.1 | 189.8 | 17.4 | 1099 | | | | | |
| AB 13 | ONION | | 16.5 | 658.5 | 14.7 | 1305.1 | | | | | |
| AB 14 | TURNIP | | 6.8 | 226.4 | <LOD | 1406 | | | | | |
| AB 16 | BEETROOT | Peeled | 40.5 | 571.2 | 16 | 4455.2 | Unpeeled | 53 | 384.3 | 15.2 | 3878.1 |
| AB 18 | POTATO | Peeled | 23.7 | 787.1 | <LOD | 2388.8 | Unpeeled | 13 | 578 | <LOD | 1887.6 |
| AB 19 | LEEK | | 23.5 | 414.1 | <LOD | 2315.1 | | | | | |
| AB 21 | CARROT | Peeled | 18.2 | 540.9 | 13.7 | 1651.6 | Unpeeled | 13 | 262.3 | 8.4 | 1301.1 |
| AB 22 | CABBAGE, SAVOY | | <LOD | 459.4 | <LOD | 2450.2 | | | | | |
| AB 23 | ONION | | 12.2 | 521.8 | <LOD | 1313.3 | | | | | |
| AB 24 | CAULIFLOWER | | <LOD | 247.9 | <LOD | 1825.9 | | | | | |
| AB 25 | SALAD | | 107.8 | 872.3 | 61.3 | 7065.2 | | | | | |
| AB 26 | RASPBERRIES | | 5 | 633.9 | <LOD | 1639.8 | | | | | |
| AB 27 | CABBAGE | | <LOD | 271.2 | <LOD | 1476.5 | | | | | |
| AB 28 | CABBAGE, SAVOY | | 5.2 | 487.2 | <LOD | 3055 | | | | | |
| AB 29 | PARSLEY | | 21.7 | 880.2 | 19.2 | 4295.9 | | | | | |
| AB 30 | KALE | | 8.9 | 460.1 | 23.6 | 2563.7 | | | | | |
| AB 31 | LEEK | | 29.3 | 445.8 | <LOD | 1717.3 | | | | | |
| AB 33 | BEETROOT | Peeled | 38.4 | 906.2 | <LOD | 4552.1 | Unpeeled | 28.9 | 878.5 | <LOD | 3846.5 |
| AB 35 | CARROT | Peeled | 12 | 537.9 | 9 | 817.5 | Unpeeled | 6.6 | 274.3 | <LOD | 744.8 |
| AB 37 | POTATO | Peeled | 10.1 | 861.6 | <LOD | 2118.4 | Unpeeled | 9.2 | 747.8 | <LOD | 1957.3 |
| AB 38 | BRUSSEL SPROUTS | | 5.3 | 356.3 | <LOD | 2451.8 | | | | | |
| AB 39 | GOOSEBERRIES | | <LOD | 409.2 | <LOD | 962.9 | | | | | |
| AB 40 | APPLES | Peeled | <LOD | <LOD | 61 | 1602.4 | Peeled | <LOD | 250.7 | 30.9 | 900.7 |
| AB 42 | BLACKCURRANTS | | <LOD | 881 | <LOD | 3309.2 | | | | | |
| AB 43 | REDCURRANTS | | 6.2 | 849.2 | <LOD | 3011.2 | | | | | |
| AB 45 | POTATO | Peeled | 15 | 1221.8 | 24.2 | 3033.2 | Unpeeled | 11.7 | 1198 | <LOD | 3531.7 |
| AB 47 | CARROT | Peeled | 37.4 | 773 | 116.6 | 7838.8 | Unpeeled | 36.6 | 737.8 | 91 | 8685 |
| AB 48 | CABBAGE, SAVOY | | <LOD | 437.8 | 13.4 | 3761 | | | | | |
| AB 49 | GREENS | | 6.8 | 512.8 | <LOD | 5100.8 | | | | | |
| AB 50 | BRUSSEL SPROUTS | | <LOD | 424.8 | <LOD | 4277.3 | | | | | |

| | | | | | | | | | | | |
|--------|---------------------|----------|------|--------|-------|---------|----------|------|--------|------|--------|
| AB 51 | BEETROOT | Unpeeled | 15.5 | 744.7 | <LOD | 10596.2 | | | | | |
| AB 52 | JERUSELUM ARTICHOKE | Unpeeled | 4.1 | 1222.6 | <LOD | 2969 | | | | | |
| AB 54 | POTATO, RED | Peeled | 10.6 | 949.7 | 21 | 2508.9 | Unpeeled | 12.3 | 1096.5 | <LOD | 3935.2 |
| AB 55 | APPLES | Unpeeled | <LOD | 211.9 | 8.2 | 438.5 | Peeled | <LOD | 351.6 | 9.8 | 497.4 |
| AB 57 | BRUSSEL SPROUTS | | 11.8 | 646.5 | <LOD | 3681.6 | | | | | |
| AB 58 | LEEK | | 18.4 | 528.1 | 14.3 | 2904.1 | | | | | |
| AB 60 | POTATO | Peeled | 10 | 452.8 | <LOD | 3774 | Unpeeled | 4.7 | 329 | <LOD | 4007.1 |
| AB 62 | CARROT | Peeled | 15.7 | 445.2 | 32.2 | 4326.7 | Unpeeled | 10 | 288.2 | 62.5 | 5888.2 |
| AB 64 | POTATO | Peeled | 21.4 | 1154.2 | 67.7 | 4846.6 | Unpeeled | 18.2 | 1006.4 | <LOD | 4757 |
| AB 65 | KALE | | 13 | 580.5 | 252.4 | 5399 | | | | | |
| AB 67 | PARSNIP | Peeled | 35.8 | 968.2 | 75 | 5259.7 | Unpeeled | 28.5 | 857.4 | 56.6 | 5546.2 |
| AB 68 | STRAWBERRIES | | <LOD | 280.9 | <LOD | 982.6 | | | | | |
| AB 69 | RASPBERRIES | | 6.3 | 742.7 | <LOD | 2764.5 | | | | | |
| AB 70 | REDCURRENTS | | 9.3 | 575 | 36.7 | 2478.1 | | | | | |
| AB 71 | GOOSEBERRIES | | <LOD | 626.4 | <LOD | 2170.2 | | | | | |
| AB 72 | GOOSEBERRIES | | 3.8 | 432.8 | 8.4 | 1458.3 | | | | | |
| AB 73 | RUNNER BEANS | | <LOD | 217.2 | <LOD | 3774.1 | | | | | |
| AB 74 | KALE, CURLY | | 11.4 | 387 | 18.7 | 6774.6 | | | | | |
| AB 75 | RHUBARB | | 9.6 | <LOD | 72.5 | 1785.2 | | | | | |
| AB 77 | LEEK | | 15.8 | 548.7 | 8.9 | 2321.4 | | | | | |
| AB 78 | SWEDE | Peeled | 13.5 | 283 | 10.9 | 1378.8 | Unpeeled | 17.5 | 373.8 | 13.5 | 1876.8 |
| AB 80 | LEEK | | <LOD | 249.5 | <LOD | 2087.8 | | | | | |
| AB 82 | APPLES | Unpeeled | <LOD | 402.1 | <LOD | 285.3 | Peeled | <LOD | 295.9 | 13.5 | 264.4 |
| AB 83 | SWEDE | Peeled | 9.8 | 182.3 | 10.6 | 1912.2 | Unpeeled | 8.9 | <LOD | 12.7 | 1518.5 |
| AB 85 | POTATO | Peeled | 6.5 | 965.4 | <LOD | 2227.4 | Unpeeled | 8.9 | 1123 | 16 | 2380.8 |
| AB 87 | LEEK | | 64.8 | 501 | <LOD | 3655.9 | | | | | |
| AB 88 | CABBAGE | | <LOD | 421.7 | 14.7 | 2536.3 | | | | | |
| AB 89 | CARROT | Peeled | 24.1 | 358.1 | 13 | 1374.4 | Unpeeled | 27.9 | 420.2 | 27.3 | 1454.6 |
| AB 91 | POTATO | Peeled | 24 | 816.7 | <LOD | 2332 | Unpeeled | 25.6 | 904.2 | 12.5 | 2780.9 |
| AB 93 | BEETROOT | Peeled | 47.9 | 900.6 | 15.5 | 4924.7 | Unpeeled | 55.9 | 1406.6 | 15.3 | 5201.9 |
| AB 95 | SWEDE | Peeled | 7.2 | 253.1 | <LOD | 829 | Unpeeled | 11 | <LOD | 8.7 | 1035.7 |
| AB 97 | SALAD, MIX | | 35 | 442.4 | 11 | 1968.8 | | | | | |
| AB 98 | LEEK | | 13.3 | 183.5 | <LOD | 3652.3 | | | | | |
| AB 99 | RHUBARB | | <LOD | <LOD | 14.4 | 1396 | | | | | |
| AB 100 | BEETROOT | Peeled | 45.6 | 776.4 | 17.3 | 4334.6 | Unpeeled | 50.8 | 709.3 | 24 | 3724.5 |
| AB 102 | CARROT | Peeled | 14 | 323.9 | <LOD | 1155.7 | Unpeeled | 20.1 | 410.6 | <LOD | 1928.7 |
| AB 105 | APPLES | Unpeeled | <LOD | 336.9 | <LOD | 537.2 | Peeled | <LOD | 310.2 | <LOD | 446.5 |
| AB 106 | POTATO | Peeled | 11.1 | 1710.2 | <LOD | 2556.6 | Unpeeled | 8.7 | 1034.6 | 12.7 | 2477.9 |
| AB 108 | POTATO | Peeled | 8.6 | 1461.1 | <LOD | 2460.5 | Unpeeled | 11.4 | 1497.5 | 11.6 | 2995.7 |
| AB 110 | LEEK | | 83.6 | 388.6 | <LOD | 3448.3 | | | | | |
| AB 111 | LEEK | | 6.5 | 628.7 | <LOD | 3118.8 | | | | | |
| AB 112 | POTATO | Peeled | 23.4 | 748.1 | <LOD | 2216.7 | Unpeeled | 25.7 | 898.3 | 8.9 | 3181.4 |
| AB 114 | CABBAGE | | 10 | 246.3 | <LOD | 2524.2 | | | | | |

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|--------|----------------|----------|-------|-------|------|---------|----------|------|--------|------|--------|
| AB 115 | CABBAGE, SAVOY | | 3.9 | 472.3 | <LOD | 2710.1 | | | | | |
| AB 116 | CABBAGE, RED | | <LOD | <LOD | <LOD | 1085.8 | | | | | |
| AB 117 | RHUBARB | | 4.5 | 350.4 | 16.6 | 1711.7 | | | | | |
| AB 119 | APPLES | Unpeeled | <LOD | 338.2 | <LOD | 230 | Peeled | <LOD | 217.2 | <LOD | 186.1 |
| AB 120 | CARROT | Peeled | 11.4 | 462.6 | <LOD | 739.9 | Unpeeled | 19.6 | 265 | <LOD | 1351.3 |
| AB 122 | POTATO | Peeled | 33 | 903.1 | <LOD | 1962.8 | Unpeeled | 38.8 | 997.2 | <LOD | 2490.3 |
| AB 124 | SWEDE | Peeled | 12.1 | <LOD | <LOD | 1036.6 | Unpeeled | 12 | 190.4 | 10.1 | 925.7 |
| AB 126 | SWEDE | Peeled | 13.5 | 179.3 | <LOD | 1282 | Unpeeled | 12.2 | 195.4 | 14.4 | 1689.9 |
| AB 128 | STRAWBERRIES | | <LOD | 279.9 | <LOD | 1243.6 | | | | | |
| AB 129 | STRAWBERRIES | | <LOD | 207 | <LOD | 1029.7 | | | | | |
| AB 130 | STRAWBERRIES | | <LOD | 182 | <LOD | 1232.5 | | | | | |
| AB 131 | TOMATO | | <LOD | 228.7 | <LOD | 880.5 | | | | | |
| AB 132 | TOMATO | | <LOD | 437.6 | <LOD | 1511.7 | | | | | |
| AB 133 | TOMATO | | <LOD | 351.6 | <LOD | 1176.3 | | | | | |
| AB 134 | SALAD, MIX | | 72 | 564.1 | 18 | 4409.5 | | | | | |
| AB 135 | TOMATO | | <LOD | 399.1 | <LOD | 1111.5 | | | | | |
| AB 136 | TOMATO | | 6.4 | 275.4 | <LOD | 1697.8 | | | | | |
| AB 137 | ROMANESQUE | | 11.3 | 640.5 | 14.5 | 3025 | | | | | |
| AB 139 | COURGETTE | Unpeeled | 4.6 | 915.6 | <LOD | 3140.8 | Peeled | 4.4 | 885.7 | <LOD | 2847.6 |
| AB 141 | COURGETTE | Unpeeled | <LOD | 719.8 | 29.8 | 4232.9 | Peeled | <LOD | 634.4 | <LOD | 2820.6 |
| AB 143 | Cucumber | Unpeeled | <LOD | 200.6 | <LOD | 990.1 | Peeled | <LOD | 207.1 | 43.9 | 1073.9 |
| AB 144 | SWEDE | Peeled | 4.7 | 226.4 | <LOD | 1573.7 | Unpeeled | 28.3 | 202.4 | <LOD | 2065.2 |
| AB 146 | POTATO, NEW | Peeled | 31.5 | 999.3 | <LOD | 3624 | Unpeeled | 35.8 | 924.8 | <LOD | 2822.4 |
| AB 148 | POTATO | Peeled | 20.8 | 663.3 | <LOD | 2269 | Unpeeled | 22.2 | 709.4 | 10.8 | 2509 |
| AB 150 | CAULIFLOWER | | <LOD | 319.3 | <LOD | 4028 | | | | | |
| AB 151 | CABBAGE | | 4.1 | 204.5 | <LOD | 1478.1 | | | | | |
| AB 152 | CARROT | Peeled | 77.4 | 434 | 14.1 | 3187 | Unpeeled | 97.6 | 571.5 | 26.6 | 3782.2 |
| AB 154 | SWEDE | Peeled | 6.5 | 239.2 | <LOD | 1678.9 | Unpeeled | 8.2 | 255.2 | <LOD | 1760.1 |
| AB 156 | LEEK | | 10.5 | 720 | <LOD | 4278 | | | | | |
| AB 157 | BROCCALI | | 5.5 | 865.5 | <LOD | 8021.7 | | | | | |
| AB 158 | POTATO | Peeled | 16.9 | 526.4 | <LOD | 3234.9 | Unpeeled | 15.7 | 519.9 | 14.7 | 2690.8 |
| AB 160 | ONION | | <LOD | 344.4 | <LOD | 1287.2 | | | | | |
| AB 161 | STRAWBERRIES | | <LOD | 368.2 | <LOD | 898.5 | | | | | |
| AB 162 | STRAWBERRIES | | 6.2 | 398.6 | <LOD | 1387 | | | | | |
| AB 163 | BLUEBERRIES | | <LOD | 266.9 | <LOD | 1074.2 | | | | | |
| AB 164 | RASPBERRIES | | <LOD | 808.9 | <LOD | 11040.4 | | | | | |
| AB 165 | COURGETTE | | <LOD | 472.9 | <LOD | 2840.9 | | | | | |
| AB 166 | POTATO, NEW | Peeled | 8.7 | 961.5 | <LOD | 2235.3 | Unpeeled | 10.2 | 1058.5 | 8.6 | 2224 |
| AB 168 | POTATO, RED | Peeled | 17 | 729.5 | <LOD | 3001.7 | Unpeeled | 23.5 | 793 | <LOD | 3540.2 |
| AB 170 | SALAD, ROCKET | | 183.8 | 809 | 33 | 5224.8 | | | | | |
| AB 171 | LETTUCE, RED | | 30.6 | 553 | 33.4 | 2239.9 | | | | | |
| AB 172 | LETTUCE | | 34.5 | 485.1 | 30.4 | 2656 | | | | | |
| AB 173 | ONION | | <LOD | 399.2 | <LOD | 1524.3 | | | | | |
| AB 174 | ONION, RED | | <LOD | 517.5 | <LOD | 2636 | | | | | |

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|--------|------------------|----------|------|--------|------|---------|----------|------|--------|------|--------|
| AB 175 | ONIONS, SHALLOTS | | 4.5 | 1153.1 | <LOD | 3087.9 | | | | | |
| AB 177 | COURGETTE | Unpeeled | <LOD | 863.7 | <LOD | 5925 | Peeled | <LOD | 763.8 | <LOD | 4363.2 |
| AB 178 | MANGETOUT | | <LOD | 1551 | <LOD | 7933.4 | | | | | |
| AB 179 | PEAS | | <LOD | 1729.7 | <LOD | 11413.9 | | | | | |
| AB 180 | FRENCH BEANS | | <LOD | 530.2 | <LOD | 2327.6 | | | | | |
| AB 181 | CARROT | Peeled | 54.5 | 390.8 | 24.3 | 2861.9 | Unpeeled | 63.8 | 578.8 | 9.3 | 2850.2 |
| AB 183 | POTATO | Peeled | 3.9 | 608.7 | <LOD | 1566.6 | Unpeeled | 5.1 | 667.8 | 12.7 | 2056.5 |
| AB 185 | POTATO | Peeled | <LOD | 841.8 | <LOD | 1358 | Unpeeled | <LOD | 756.3 | <LOD | 1566.9 |
| AB 187 | POTATO | Peeled | 45.5 | 646.8 | <LOD | 3513.6 | Unpeeled | 32 | 704.7 | 11.3 | 1716 |
| AB 189 | POTATO | Peeled | 45.4 | 423.1 | <LOD | 2165.7 | Unpeeled | 66.6 | 517.3 | 18.4 | 3062 |
| AB 191 | CABBAGE | | <LOD | <LOD | <LOD | 1571 | | | | | |
| AB 192 | CAULIFLOWER | | <LOD | 232.8 | <LOD | 2499.3 | | | | | |
| AB 193 | RASPBERRIES | | <LOD | 663.1 | <LOD | 2793.2 | | | | | |
| AB 194 | MANGETOUT | | <LOD | 511.5 | <LOD | 4586.9 | | | | | |
| AB 195 | FRENCH BEANS | | <LOD | 328.8 | 11.3 | 2968.3 | | | | | |
| AB 196 | ONION | | <LOD | 239.2 | <LOD | 1964.7 | | | | | |
| AB 197 | TURNIP | Peeled | 6.8 | 288.7 | <LOD | 3504.6 | Unpeeled | 7.1 | 298.9 | 12.3 | 4519.7 |
| AB 199 | CABBAGE | | 3.7 | 331.3 | <LOD | 2897.6 | | | | | |
| AB200 | BEETROOT | Peeled | 13.1 | 765.8 | <LOD | 6067.5 | Unpeeled | 10 | 858.6 | 12.3 | 5937.2 |
| AB 202 | COURGETTE | Unpeeled | <LOD | 342.7 | 17.7 | 5033.8 | | | | | |
| AB 203 | SQUASH | | <LOD | 376.4 | 14.2 | 2754.1 | | | | | |
| AB 204 | SUGAR SNAP PEAS | | <LOD | 894.2 | <LOD | 4537.3 | | | | | |
| AB 205 | MANGETOUT | | <LOD | 802.3 | 8.5 | 4744.7 | | | | | |
| AB 207 | Cucumber | Unpeeled | <LOD | <LOD | <LOD | 1345.7 | Peeled | <LOD | 210.4 | <LOD | 1745.5 |
| AB 208 | POTATO | Peeled | 24.5 | 867.9 | <LOD | 4646.9 | Unpeeled | 24.1 | 780.6 | 22.3 | 4274.1 |
| AB 210 | CAULIFLOWER | | <LOD | 419.9 | <LOD | 3781.6 | | | | | |
| AB 211 | CABBAGE, SAVOY | | 3.7 | 400.5 | <LOD | 3277.4 | | | | | |
| AB 212 | CABBAGE | | <LOD | <LOD | <LOD | 1231.9 | | | | | |
| AB 213 | BEETROOT | | 25.1 | 1272.2 | <LOD | 3519 | | | | | |
| AB 214 | BEETROOT | | 26.8 | 1486.4 | 15.5 | 4383.8 | | | | | |
| AB 215 | TOMATO | | <LOD | 213.9 | <LOD | 739.6 | | | | | |
| AB 216 | TOMATO | | <LOD | 406.7 | <LOD | 1482.2 | | | | | |
| AB 217 | POTATO | Peeled | 5.5 | 871.9 | <LOD | 1803.3 | Unpeeled | 9.1 | 1096.8 | <LOD | 2119.7 |
| AB 219 | LEEK | | 22.2 | 1468.9 | 96.7 | 4049.2 | | | | | |
| AB 220 | POTATO | Peeled | 23.3 | 822.7 | <LOD | 5972.9 | Unpeeled | 20.5 | 748.4 | <LOD | 5737.9 |
| AB 222 | POTATO, RED | Peeled | 28.8 | 810.1 | <LOD | 5298.1 | Unpeeled | 46.8 | 863.6 | 8.8 | 4909.7 |
| AB 224 | CABBAGE | | <LOD | 220.2 | <LOD | 1607.2 | | | | | |
| AB 225 | ONION | | 10.6 | 463.8 | <LOD | 1806.2 | | | | | |
| AB 226 | ONION, RED | | 4.5 | 631.2 | <LOD | 1982.3 | | | | | |
| AB 227 | ONIONS, SHALLOTS | | 6.8 | 898 | <LOD | 2936.7 | | | | | |
| AB 228 | ROMANESQUE | | 9.9 | 743.2 | <LOD | 3699.3 | | | | | |
| AB 229 | POTATO, RED | Peeled | 11.1 | 561.3 | <LOD | 2429.4 | Unpeeled | 13.8 | 670.9 | <LOD | 3219.8 |
| AB 231 | TURNIP | Peeled | 26.5 | 322 | <LOD | 2402.2 | Unpeeled | 31.3 | 385.4 | 8.4 | 2863.3 |
| AB 233 | TURNIP | Peeled | 26.9 | 375.9 | 8.4 | 2405.5 | Unpeeled | 24.5 | 386.3 | 8.3 | 2418 |

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|--------|-------------------------------|----------|-------|--------|-------|---------|----------|------|-------|------|--------|
| AB 235 | CARROT | Peeled | 28.8 | 333.1 | 19.5 | 2652 | Unpeeled | 35.9 | 476.5 | 15.7 | 2704 |
| AB 237 | REDCURRENTS | | 6 | 764.5 | 9.7 | 2325.1 | | | | | |
| AB 238 | STRAWBERRIES | | 5.2 | 485.2 | 13 | 1351.2 | | | | | |
| AB 239 | RASPBERRIES | | 6.4 | 1225.5 | <LOD | 5055.3 | | | | | |
| AB 240 | GOOSEBERRIES | | <LOD | 558.4 | <LOD | 2149.3 | | | | | |
| AB 241 | GOOSEBERRIES | | <LOD | 876.4 | <LOD | 2662.3 | | | | | |
| AB 243 | APPLES | Unpeeled | <LOD | 309.6 | <LOD | 1649.9 | Peeled | <LOD | 337.3 | 9.1 | 1901.9 |
| AB 244 | BLACKCURRANTS | | <LOD | 1132.1 | 19.1 | 3462.9 | | | | | |
| AB 245 | SPINACH | | 478.9 | 1160.6 | 105.4 | 61823 | | | | | |
| AB 246 | SPINACH | | 35.1 | 820 | 15.7 | 11479.1 | | | | | |
| AB 247 | RHUBARB | | 13.2 | 214.9 | 31.3 | 2136.5 | | | | | |
| AB 248 | BROCCALI, PURPLE SPROUTING | | <LOD | 735.8 | <LOD | 6810.1 | | | | | |
| AB 249 | CHARD | | 23.6 | 510.6 | 16.5 | 9268.3 | | | | | |
| AB 250 | BROADBEAN | | 4.1 | 1125.8 | <LOD | 7029.8 | | | | | |
| AB 251 | PEAS | | <LOD | 641.4 | <LOD | 6493.8 | | | | | |
| AB 252 | SUGAR SNAP PEAS | | <LOD | 399.3 | <LOD | 3960.3 | | | | | |
| AB 253 | MANGETOUT | | <LOD | 430 | <LOD | 3647.6 | | | | | |
| AB 254 | CARROT | Peeled | 6.4 | 233.9 | 24 | 2236.1 | Unpeeled | 8.5 | <LOD | 14.4 | 2077.2 |
| AB 256 | BEETROOT | Peeled | 6.4 | 605.2 | 17.3 | 5406 | Unpeeled | 6.3 | 591.8 | 26.3 | 6388.3 |
| AB 258 | POTATO, NEW | Peeled | 10.8 | 560.3 | <LOD | 2810.5 | Unpeeled | 8.7 | 441.8 | <LOD | 2783.4 |

Table D. Total cadmium, copper, lead and zinc concentrations in all samples survey in the NE basket survey. Element concentrations are given as ng/g dry weight.

| Survey number | Produce | Preparation method | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g | Alternative preparation | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g |
|---------------|-------------------------|--------------------|---------|----------|---------|---------|-------------------------|---------|----------|---------|---------|
| AB 1 | KALE | | 2737.3 | 19523.0 | 143.8 | 1014.2 | | | | | |
| AB 2 | BEETROOT | | 6086.7 | 159714.3 | 727.2 | 1020.8 | | | | | |
| AB 3 | BRUSSEL SPROUTS, PURPLE | | 4475.4 | 70269.7 | 42.1 | 698.4 | | | | | |
| AB 5 | BEETROOT | Peeled | 5902.9 | 120147.7 | 156.7 | 502.0 | Unpeeled | 7061.9 | 139766.0 | 170.0 | 637.7 |
| AB 7 | POTATO | Peeled | 5985.4 | 10264.8 | 135.1 | <LOD | Unpeeled | 5823.4 | 12117.8 | 109.3 | <LOD |
| AB 8 | CAULIFLOWER | | 9333.7 | 74780.2 | 55.0 | 162.4 | | | | | |
| AB 10 | CARROT | Peeled | 3049.9 | 14735.2 | 197.0 | 145.7 | Unpeeled | 1667.8 | 15136.2 | 108.7 | 146.4 |
| AB 11 | LEEK | | 3381.6 | 15964.9 | 56.8 | 123.9 | | | | | |
| AB 12 | TURNIP | | 2090.1 | 12102.5 | 67.6 | 192.0 | | | | | |
| AB 13 | ONION | | 6922.1 | 13719.4 | 173.1 | 154.6 | | | | | |
| AB 14 | TURNIP | | 1850.3 | 11491.2 | 55.8 | <LOD | | | | | |
| AB 16 | BEETROOT | Peeled | 4079.1 | 31814.7 | 289.1 | 114.4 | Unpeeled | 2452.5 | 24749.6 | 337.9 | 96.7 |
| AB 18 | POTATO | Peeled | 3393.0 | 10297.4 | 102.0 | <LOD | Unpeeled | 2907.7 | 9496.4 | 65.2 | <LOD |
| AB 19 | LEEK | | 4203.1 | 23498.8 | 238.4 | <LOD | | | | | |
| AB 21 | CARROT | Peeled | 5908.0 | 18040.1 | 198.6 | 149.4 | Unpeeled | 2377.8 | 11795.8 | 117.6 | 75.8 |
| AB 22 | CABBAGE, SAVOY | | 3906.1 | 20832.4 | <LOD | <LOD | | | | | |
| AB 23 | ONION | | 5105.4 | 12848.5 | 119.6 | <LOD | | | | | |
| AB 24 | CAULIFLOWER | | 3848.9 | 28346.6 | <LOD | <LOD | | | | | |
| AB 25 | SALAD | | 7464.6 | 60456.8 | 922.4 | 524.5 | | | | | |
| AB 26 | RASPBERRIES | | 4986.7 | 12900.7 | 39.1 | <LOD | | | | | |
| AB 27 | CABBAGE | | 3177.3 | 17297.2 | <LOD | <LOD | | | | | |
| AB 28 | CABBAGE, SAVOY | | 3839.1 | 24074.3 | 41.0 | <LOD | | | | | |
| AB 29 | PARSELY | | 6678.0 | 32593.5 | 164.9 | 145.5 | | | | | |
| AB 30 | KALE | | 2514.0 | 14008.2 | 48.7 | 129.0 | | | | | |
| AB 31 | LEEK | | 4787.6 | 18441.2 | 314.7 | <LOD | | | | | |
| AB 33 | BEETROOT | Peeled | 5566.1 | 27958.2 | 236.1 | <LOD | Unpeeled | 5082.9 | 22255.9 | 167.3 | <LOD |
| AB 35 | CARROT | Peeled | 4701.2 | 7145.2 | 105.0 | 78.7 | Unpeeled | 2375.4 | 6450.5 | 57.5 | <LOD |
| AB 37 | POTATO | Peeled | 5280.1 | 12981.5 | 62.0 | <LOD | Unpeeled | 6028.9 | 15779.9 | 73.8 | <LOD |
| AB 38 | BRUSSEL SPROUTS | | 2126.0 | 14630.7 | 31.8 | <LOD | | | | | |
| AB 39 | GOOSEBERRIES | | 5783.4 | 13611.1 | <LOD | <LOD | | | | | |
| AB 40 | APPLES | Peeled | <LOD | 13702.1 | <LOD | 521.6 | Peeled | 2764.7 | 9932.7 | <LOD | 340.7 |
| AB 42 | BLACKCURRANTS | | 33115.8 | 124394.9 | <LOD | 205.6 | | | | | |
| AB 43 | REDCURRANTS | | 5107.1 | 18109.2 | 37.1 | <LOD | | | | | |
| AB 45 | POTATO | Peeled | 6109.0 | 15165.9 | 75.2 | 121.2 | Unpeeled | 5427.6 | 16000.7 | 53.2 | <LOD |
| AB 47 | CARROT | Peeled | 5120.1 | 51921.5 | 248.0 | 772.4 | Unpeeled | 5342.7 | 62890.3 | 265.3 | 658.8 |
| AB 48 | CABBAGE, SAVOY | | 4650.1 | 39948.9 | <LOD | 142.7 | | | | | |
| AB 49 | GREENS | | 3177.5 | 31604.5 | 42.1 | <LOD | | | | | |

| | | | | | | | | | | | | |
|--------|---------------------|----------|--------|---------|-------|--------|----------|--------|---------|-------|-------|--|
| AB 50 | BRUSSEL SPROUTS | | 3153.5 | 31750.8 | <LOD | <LOD | | | | | | |
| AB 51 | BEETROOT | Unpeeled | 4432.3 | 63067.1 | 92.5 | <LOD | | | | | | |
| AB 52 | JERUSALEM ARTICHOKE | Unpeeled | 5165.0 | 12543.3 | <LOD | <LOD | | | | | | |
| AB 54 | POTATO, RED | Peeled | 5773.0 | 15250.5 | 64.7 | 127.8 | Unpeeled | 5169.1 | 18551.6 | 57.8 | <LOD | |
| AB 55 | APPLES | Unpeeled | 1617.9 | 3347.6 | <LOD | <LOD | Peeled | 2397.0 | 3390.3 | <LOD | <LOD | |
| AB 57 | BRUSSEL SPROUTS | | 4116.9 | 23444.9 | 75.0 | <LOD | | | | | | |
| AB 58 | LEEK | | 4596.8 | 25280.5 | 159.8 | 124.3 | | | | | | |
| AB 60 | POTATO | Peeled | 2406.4 | 20056.0 | 52.9 | <LOD | Unpeeled | 1716.4 | 20905.9 | <LOD | <LOD | |
| AB 62 | CARROT | Peeled | 4492.6 | 43660.7 | 158.2 | 324.5 | Unpeeled | 2578.7 | 52677.5 | 89.6 | 559.4 | |
| AB 64 | POTATO | Peeled | 5089.1 | 21369.8 | 94.2 | 298.5 | Unpeeled | 4027.6 | 19037.6 | 72.9 | <LOD | |
| AB 65 | KALE | | 4858.5 | 45190.6 | 109.0 | 2112.6 | | | | | | |
| AB 67 | PARSNIP | Peeled | 4674.1 | 25390.6 | 172.7 | 362.2 | Unpeeled | 4627.5 | 29933.1 | 153.7 | 305.7 | |
| AB 68 | STRAWBERRIES | | 3287.7 | 11499.5 | 32.2 | <LOD | | | | | | |
| AB 69 | RASPBERRIES | | 6042.2 | 22490.1 | 51.5 | <LOD | | | | | | |
| AB 70 | REDCURRENTS | | 3235.5 | 13945.1 | 52.1 | 206.8 | | | | | | |
| AB 71 | GOOSEBERRIES | | 5002.9 | 17333.5 | <LOD | <LOD | | | | | | |
| AB 72 | GOOSEBERRIES | | 4460.3 | 15027.2 | 38.7 | 86.4 | | | | | | |
| AB 73 | RUNNER BEANS | | 2619.0 | 45507.9 | <LOD | 95.4 | | | | | | |
| AB 74 | KALE, CURLY | | 3219.5 | 56361.8 | 94.4 | 155.8 | | | | | | |
| AB 75 | RHUBARB | | 2590.2 | 27597.9 | 149.0 | 1120.6 | | | | | | |
| AB 77 | LEEK | | 4737.2 | 20042.8 | 136.4 | 76.6 | | | | | | |
| AB 78 | SWEDE | Peeled | 2074.3 | 10105.5 | 98.7 | 80.1 | Unpeeled | 2433.3 | 12218.7 | 114.2 | 87.7 | |
| AB 80 | LEEK | | 2107.2 | 17636.0 | <LOD | <LOD | | | | | | |
| AB 82 | APPLES | Unpeeled | 3220.5 | 2284.8 | <LOD | <LOD | Peeled | 2506.1 | 2239.7 | <LOD | 114.3 | |
| AB 83 | SWEDE | Peeled | 1594.0 | 16722.4 | 85.9 | 92.5 | Unpeeled | <LOD | 13305.6 | 77.7 | 111.3 | |
| AB 85 | POTATO | Peeled | 5066.8 | 11690.6 | 33.9 | <LOD | Unpeeled | 6168.9 | 13078.8 | 49.0 | 87.9 | |
| AB 87 | LEEK | | 4544.4 | 33162.8 | 588.0 | <LOD | | | | | | |
| AB 88 | CABBAGE | | 4465.1 | 26854.8 | <LOD | 155.7 | | | | | | |
| AB 89 | CARROT | Peeled | 4676.1 | 17945.1 | 314.1 | 169.3 | Unpeeled | 5152.6 | 17837.2 | 342.4 | 335.1 | |
| AB 91 | POTATO | Peeled | 4038.3 | 11530.3 | 118.5 | <LOD | Unpeeled | 4222.4 | 12985.8 | 119.6 | <LOD | |
| AB 93 | BEETROOT | Peeled | 5388.4 | 29465.9 | 286.7 | 93.0 | Unpeeled | 8380.8 | 30993.8 | 333.1 | 91.2 | |
| AB 95 | SWEDE | Peeled | 2304.4 | 7546.5 | 65.5 | <LOD | Unpeeled | 1608.3 | 9897.7 | 104.9 | 82.9 | |
| AB 97 | SALAD, MIX | | 7642.5 | 34011.2 | 605.3 | 189.7 | | | | | | |
| AB 98 | LEEK | | 1627.1 | 32381.4 | 118.3 | <LOD | | | | | | |
| AB 99 | RHUBARB | | 2347.1 | 25425.3 | 61.7 | 261.8 | | | | | | |
| AB 100 | BEETROOT | Peeled | 4410.8 | 24624.2 | 258.8 | 98.2 | Unpeeled | 3864.6 | 20293.2 | 277.0 | 130.9 | |
| AB 102 | CARROT | Peeled | 3673.3 | 13105.9 | 159.0 | <LOD | Unpeeled | 5120.0 | 24048.0 | 250.8 | <LOD | |
| AB 105 | APPLES | Unpeeled | 3253.6 | 5187.9 | <LOD | <LOD | Peeled | 3133.3 | 4510.9 | <LOD | <LOD | |
| AB 106 | POTATO | Peeled | 8828.4 | 13198.0 | 57.4 | <LOD | Unpeeled | 5851.5 | 14014.8 | 48.9 | 72.0 | |
| AB 108 | POTATO | Peeled | 7702.0 | 12970.5 | 45.3 | <LOD | Unpeeled | 7790.6 | 15585.3 | 59.2 | <LOD | |
| AB 110 | LEEK | | 3487.2 | 30944.9 | 750.6 | <LOD | | | | | | |
| AB 111 | LEEK | | 6577.1 | 32628.8 | 68.1 | <LOD | | | | | | |
| AB 112 | POTATO | Peeled | 3720.8 | 11024.9 | 116.2 | <LOD | Unpeeled | 3719.7 | 13173.3 | 106.4 | <LOD | |

| | | | | | | | | | | | | |
|--------|----------------|----------|---------|---------|--------|-------|----------|---------|---------|-------|--------|--|
| AB 114 | CABBAGE | | 3247.4 | 33278.7 | 132.2 | <LOD | | | | | | |
| AB 115 | CABBAGE, SAVOY | | 5157.6 | 29595.8 | 42.8 | <LOD | | | | | | |
| AB 116 | CABBAGE, RED | | 1681.1 | 12640.4 | <LOD | <LOD | | | | | | |
| AB 117 | RHUBARB | | 7234.3 | 35342.8 | 93.6 | 342.0 | | | | | | |
| AB 119 | APPLES | Unpeeled | 2785.8 | 1894.5 | <LOD | <LOD | Peeled | 1970.6 | 1689.1 | <LOD | <LOD | |
| AB 120 | CARROT | Peeled | 5184.9 | 8293.6 | 127.4 | <LOD | Unpeeled | 2821.4 | 14388.9 | 208.5 | 82.8 | |
| AB 122 | POTATO | Peeled | 4987.1 | 10839.0 | 182.3 | <LOD | Unpeeled | 4915.2 | 12275.0 | 191.1 | <LOD | |
| AB 124 | SWEDE | Peeled | <LOD | 8019.1 | 93.5 | <LOD | Unpeeled | <LOD | 6932.9 | 90.0 | 75.8 | |
| AB 126 | SWEDE | Peeled | <LOD | 10020.7 | 105.1 | <LOD | Unpeeled | <LOD | 13429.5 | 96.7 | 114.5 | |
| AB 128 | STRAWBERRIES | | 2475.6 | 10997.9 | <LOD | <LOD | | | | | | |
| AB 129 | STRAWBERRIES | | 2160.0 | 10744.0 | <LOD | <LOD | | | | | | |
| AB 130 | STRAWBERRIES | | 2125.2 | 14393.8 | <LOD | <LOD | | | | | | |
| AB 131 | TOMATO | | 4432.5 | 17061.2 | <LOD | <LOD | | | | | | |
| AB 132 | TOMATO | | 4848.4 | 16748.5 | <LOD | <LOD | | | | | | |
| AB 133 | TOMATO | | 4554.5 | 15238.8 | <LOD | <LOD | | | | | | |
| AB 134 | SALAD, MIX | | 8696.2 | 67975.6 | 1110.0 | 277.6 | | | | | | |
| AB 135 | TOMATO | | 7782.6 | 21675.0 | <LOD | <LOD | | | | | | |
| AB 136 | TOMATO | | 3900.4 | 24040.8 | 91.0 | <LOD | | | | | | |
| AB 137 | ROMANESQUE | | 6254.1 | 29539.6 | 110.5 | 141.1 | | | | | | |
| AB 139 | COURGETTE | Unpeeled | 21111.3 | 72421.6 | 105.1 | 125.4 | Peeled | 21992.3 | 70707.2 | 108.8 | <LOD | |
| AB 141 | COURGETTE | Unpeeled | 12891.8 | 75811.6 | 47.0 | 533.2 | Peeled | 14812.9 | 65855.7 | 50.8 | <LOD | |
| AB 143 | Cucumber | Unpeeled | 6805.4 | 33597.2 | <LOD | <LOD | Peeled | 6826.6 | 35405.0 | <LOD | 1447.3 | |
| AB 144 | SWEDE | Peeled | 1860.3 | 12932.9 | 39.0 | <LOD | Unpeeled | 1704.9 | 17399.5 | 238.0 | <LOD | |
| AB 146 | POTATO, NEW | Peeled | 5427.8 | 19684.7 | 171.3 | <LOD | Unpeeled | 4754.6 | 14509.8 | 183.8 | <LOD | |
| AB 148 | POTATO | Peeled | 2787.1 | 9533.3 | 87.2 | <LOD | Unpeeled | 2879.2 | 10183.8 | 90.1 | <LOD | |
| AB 150 | CAULIFLOWER | | 3738.2 | 47158.9 | <LOD | 90.3 | | | | | | |
| AB 151 | CABBAGE | | 2657.3 | 19203.0 | 53.4 | <LOD | | | | | | |
| AB 152 | CARROT | Peeled | 4313.0 | 31672.0 | 769.0 | 140.1 | Unpeeled | 5711.4 | 37796.4 | 975.8 | 265.8 | |
| AB 154 | SWEDE | Peeled | 1645.0 | 11546.6 | 45.0 | <LOD | Unpeeled | 1708.2 | 11779.7 | 54.7 | <LOD | |
| AB 156 | LEEK | | 6375.9 | 37883.8 | 93.1 | <LOD | | | | | | |
| AB 157 | BROCCALI | | 5358.1 | 49662.7 | 34.2 | <LOD | | | | | | |
| AB 158 | POTATO | Peeled | 2076.3 | 12758.7 | 66.5 | <LOD | Unpeeled | 2359.6 | 12212.6 | 71.3 | <LOD | |
| AB 160 | ONION | | 3241.6 | 12114.7 | <LOD | <LOD | | | | | | |
| AB 161 | STRAWBERRIES | | 3904.6 | 9527.3 | <LOD | <LOD | | | | | | |
| AB 162 | STRAWBERRIES | | 4377.0 | 15230.7 | 67.9 | <LOD | | | | | | |
| AB 163 | BLUEBERRIES | | 2092.8 | 8424.5 | <LOD | <LOD | | | | | | |
| AB 164 | RASPBERRIES | | 6875.4 | 93843.5 | <LOD | <LOD | | | | | | |
| AB 165 | COURGETTE | | 10778.4 | 64756.0 | <LOD | 129.8 | | | | | | |
| AB 166 | POTATO, NEW | Peeled | 4771.8 | 11093.0 | 43.1 | <LOD | Unpeeled | 5201.1 | 10927.8 | 50.1 | <LOD | |
| AB 168 | POTATO, RED | Peeled | 3889.8 | 16005.9 | 90.5 | <LOD | Unpeeled | 2899.2 | 12943.1 | 85.7 | <LOD | |
| AB 170 | SALAD, ROCKET | | 11193.6 | 72290.8 | 2542.5 | 457.1 | | | | | | |
| AB 171 | LETTUCE, RED | | 12263.2 | 49670.3 | 679.3 | 739.9 | | | | | | |
| AB 172 | LETTUCE | | 9543.6 | 52252.5 | 679.6 | 598.5 | | | | | | |
| AB 173 | ONION | | 3896.2 | 14877.9 | <LOD | <LOD | | | | | | |

| | | | | | | | | | | | |
|--------|------------------|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|
| AB 174 | ONION, RED | | 4216.1 | 21473.9 | <LOD | <LOD | | | | | |
| AB 175 | ONIONS, SHALLOTS | | 6848.3 | 18339.3 | <LOD | <LOD | | | | | |
| AB 177 | COURGETTE | Unpeeled | 13638.2 | 93555.2 | 50.6 | <LOD | Peeled | 13697.0 | 78240.6 | 39.9 | <LOD |
| AB 178 | MANGETOUT | | 12662.3 | 64768.1 | <LOD | <LOD | | | | | |
| AB 179 | PEAS | | 7885.6 | 52035.6 | <LOD | <LOD | | | | | |
| AB 180 | FRENCH BEANS | | 7836.0 | 34399.2 | <LOD | <LOD | | | | | |
| AB 181 | CARROT | Peeled | 2752.2 | 20156.6 | 383.5 | 171.4 | Unpeeled | 4213.8 | 20750.8 | 464.3 | <LOD |
| AB 183 | POTATO | Peeled | 4441.2 | 11430.4 | <LOD | <LOD | Unpeeled | 4280.0 | 13180.1 | 32.5 | 81.3 |
| AB 185 | POTATO | Peeled | 5347.1 | 8626.5 | <LOD | <LOD | Unpeeled | 4718.5 | 9775.5 | <LOD | <LOD |
| AB 187 | POTATO | Peeled | 3453.6 | 18761.1 | 243.0 | <LOD | Unpeeled | 3280.3 | 7987.4 | 148.9 | <LOD |
| AB 189 | POTATO | Peeled | 2266.1 | 11598.2 | 243.4 | <LOD | Unpeeled | 2739.6 | 16215.0 | 352.8 | 97.6 |
| AB 191 | CABBAGE | | 2481.2 | 25107.2 | 39.0 | <LOD | | | | | |
| AB 192 | CAULIFLOWER | | 3526.6 | 37866.6 | 42.9 | <LOD | | | | | |
| AB 193 | RASPBERRIES | | 5822.3 | 24524.9 | <LOD | <LOD | | | | | |
| AB 194 | MANGETOUT | | 4692.9 | 42080.6 | <LOD | <LOD | | | | | |
| AB 195 | FRENCH BEANS | | 3887.6 | 35094.0 | <LOD | 133.5 | | | | | |
| AB 196 | ONION | | 1781.2 | 14630.6 | <LOD | <LOD | | | | | |
| AB 197 | TURNIP | Peeled | 4916.0 | 59681.3 | 115.9 | 133.8 | Unpeeled | 4485.5 | 67836.5 | 106.5 | 184.2 |
| AB 199 | CABBAGE | | 2602.4 | 22758.3 | <LOD | <LOD | | | | | |
| AB200 | BEETROOT | Peeled | 7442.6 | 58968.1 | 127.0 | <LOD | Unpeeled | 7447.0 | 51495.8 | 86.6 | 106.8 |
| AB 202 | COURGETTE | Unpeeled | 6473.1 | 95083.7 | <LOD | 334.6 | | | | | |
| AB 203 | SQUASH | | 8765.3 | 64134.6 | 65.6 | 330.8 | | | | | |
| AB 204 | SUGAR SNAP PEAS | | 7775.2 | 39452.9 | <LOD | <LOD | | | | | |
| AB 205 | MANGETOUT | | 6914.6 | 40889.8 | <LOD | 73.2 | | | | | |
| AB 207 | Cucumber | Unpeeled | 5252.9 | 41602.3 | <LOD | 223.2 | Peeled | 5705.3 | 47321.5 | <LOD | 178.0 |
| AB 208 | POTATO | Peeled | 4083.4 | 21864.1 | 115.3 | <LOD | Unpeeled | 3739.4 | 20476.0 | 115.4 | 106.7 |
| AB 210 | CAULIFLOWER | | 5843.2 | 52627.9 | 38.9 | <LOD | | | | | |
| AB 211 | CABBAGE, SAVOY | | 3267.8 | 26739.0 | <LOD | <LOD | | | | | |
| AB 212 | CABBAGE | | 1681.7 | 14619.3 | <LOD | <LOD | | | | | |
| AB 213 | BEETROOT | | 7948.0 | 21984.1 | 157.0 | <LOD | | | | | |
| AB 214 | BEETROOT | | 9238.6 | 27246.9 | 166.8 | 96.6 | | | | | |
| AB 215 | TOMATO | | 4081.0 | 14112.9 | <LOD | <LOD | | | | | |
| AB 216 | TOMATO | | 4709.2 | 17163.8 | <LOD | <LOD | | | | | |
| AB 217 | POTATO | Peeled | 4719.1 | 9759.9 | <LOD | <LOD | Unpeeled | 5538.6 | 10703.9 | 46.1 | <LOD |
| AB 219 | LEEK | | 17362.9 | 47862.0 | 262.8 | 1142.9 | | | | | |
| AB 220 | POTATO | Peeled | 3365.6 | 24435.8 | 95.2 | <LOD | Unpeeled | 2898.5 | 22221.2 | 79.4 | <LOD |
| AB 222 | POTATO, RED | Peeled | 4060.9 | 26559.8 | 144.3 | <LOD | Unpeeled | 2819.8 | 16030.3 | 152.7 | <LOD |
| AB 224 | CABBAGE | | 2897.3 | 21144.4 | 36.9 | <LOD | | | | | |
| AB 225 | ONION | | 3359.1 | 13082.7 | 76.6 | <LOD | | | | | |
| AB 226 | ONION, RED | | 3505.2 | 11007.5 | <LOD | <LOD | | | | | |
| AB 227 | ONIONS, SHALLOTS | | 5945.4 | 19444.0 | 44.7 | <LOD | | | | | |
| AB 228 | ROMANESQUE | | 6430.6 | 32006.7 | 85.7 | <LOD | | | | | |
| AB 229 | POTATO, RED | Peeled | 2752.7 | 11915.2 | 54.5 | <LOD | Unpeeled | 3315.4 | 15910.1 | 68.4 | <LOD |
| AB 231 | TURNIP | Peeled | 2417.7 | 18034.4 | 198.6 | <LOD | Unpeeled | 2829.4 | 21018.9 | 230.1 | <LOD |

| | | | | | | | | | | | |
|--------|-------------------------------|----------|---------|----------|--------|-------|----------|--------|---------|-------|-------|
| AB 233 | TURNIP | Peeled | 3671.0 | 23489.0 | 262.9 | 81.6 | Unpeeled | 3691.6 | 23105.0 | 234.0 | 79.2 |
| AB 235 | CARROT | Peeled | 2334.6 | 18589.2 | 202.2 | 137.0 | Unpeeled | 3394.4 | 19264.5 | 255.9 | 111.9 |
| AB 237 | REDCURRENTS | | 4097.1 | 12460.2 | 32.4 | <LOD | | | | | |
| AB 238 | STRAWBERRIES | | 5615.7 | 15639.3 | 60.2 | 150.4 | | | | | |
| AB 239 | RASPBERRIES | | 7934.4 | 32729.2 | 41.5 | <LOD | | | | | |
| AB 240 | GOOSEBERRIES | | 4364.6 | 16798.4 | <LOD | <LOD | | | | | |
| AB 241 | GOOSEBERRIES | | 4971.5 | 15101.7 | <LOD | <LOD | | | | | |
| AB 243 | APPLES | Unpeeled | 3829.9 | 20409.1 | <LOD | 72.3 | Peeled | 4544.2 | 25620.0 | <LOD | 122.6 |
| AB 244 | BLACKCURRENTS | | 5127.9 | 15684.7 | <LOD | 86.7 | | | | | |
| AB 245 | SPINACH | | 10213.5 | 544042.3 | 4214.4 | 927.3 | | | | | |
| AB 246 | SPINACH | | 10515.0 | 147197.4 | 449.7 | 200.9 | | | | | |
| AB 247 | RHUBARB | | 3360.8 | 33417.3 | 205.8 | 488.9 | | | | | |
| AB 248 | BROCCALI, PURPLE SPROUTING | | 5533.5 | 51217.6 | <LOD | <LOD | | | | | |
| AB 249 | CHARD | | 7319.7 | 132869.5 | 338.7 | 236.6 | | | | | |
| AB 250 | BROADBEAN | | 7948.8 | 49636.3 | <LOD | <LOD | | | | | |
| AB 251 | PEAS | | 3006.2 | 30437.3 | <LOD | <LOD | | | | | |
| AB 252 | SUGAR SNAP PEAS | | 2942.1 | 29180.1 | <LOD | <LOD | | | | | |
| AB 253 | MANGETOUT | | 4043.9 | 34300.8 | <LOD | <LOD | | | | | |
| AB 254 | CARROT | Peeled | 2623.6 | 25085.0 | 72.0 | 269.1 | Unpeeled | 2107.1 | 27370.7 | 111.9 | 189.8 |
| AB 256 | BEETROOT | Peeled | 3679.3 | 32866.9 | 38.6 | 104.9 | Unpeeled | 3794.7 | 40963.1 | 40.5 | 168.7 |
| AB 258 | POTATO, NEW | Peeled | 2624.0 | 13162.8 | 50.5 | <LOD | Unpeeled | 2095.7 | 13202.5 | 41.3 | <LOD |

Table E. Total cadmium, copper, lead and zinc concentration in all samples survey in the SW field survey. Element produce concentrations are given as ng/g fresh weight.

| Survey code | Survey sample | Produce | Soil Cd mg/kg | Soil Cu mg/kg | Soil Pb mg/kg | Soil Zn mg/kg | Preparation method | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g | Alternative preparation | Cd ng/g | Cu ng/g | Pb ng/g | Zn ng/g |
|-------------|---------------|----------------------|---------------|---------------|---------------|---------------|--------------------|---------|---------|---------|---------|-------------------------|---------|---------|---------|---------|
| P1 | 1 | BEETROOT | 0.8 | 292.1 | 94 | 299.2 | peeled | 4 | 1760.2 | 10.9 | 2882.7 | unpeeled | 5.8 | 1258.9 | 77.4 | 2530.1 |
| P1 | 2 | BEETROOT | 0.7 | 210.2 | 59.9 | 249.5 | peeled | 10.4 | 1305.5 | <LOD | 3082.1 | unpeeled | <LOD | 849.9 | <LOD | 1754.7 |
| P1 | 5 | BROCCOLI / CALABRESE | 0.3 | 34.9 | 15.5 | 34.3 | | 6.1 | 558.7 | 12.1 | 4624.5 | | | | | |
| P1 | 6 | BROCCOLI / CALABRESE | 0.7 | 210.2 | 59.9 | 249.5 | | <LOD | 599.8 | 86.8 | 4534.9 | | | | | |
| P1 | 9 | BRUSSEL SPROUTS | 1 | 80.6 | 177.7 | 134.1 | | <LOD | 297.4 | <LOD | 2607.5 | | | | | |
| P1 | 7 | BRUSSEL SPROUTS | 0.5 | 147.2 | 59.7 | 163.1 | | <LOD | 482.4 | <LOD | 3037.1 | | | | | |
| P1 | 8 | BRUSSEL SPROUTS | 0.3 | 54.6 | 39.4 | 95.4 | | <LOD | 430.2 | <LOD | 1969.6 | | | | | |
| P1 | 10 | CABBAGE | 0.5 | 147.2 | 59.7 | 163.1 | | <LOD | 345.6 | 10.9 | 1224.5 | | | | | |
| P1 | 11 | CABBAGE | 0.4 | 75.5 | 50.8 | 122.8 | | <LOD | 627.1 | <LOD | 2429.4 | | | | | |
| P1 | 12 | CABBAGE | 0.5 | 183.1 | 116.8 | 188.9 | | <LOD | 318.4 | <LOD | 1891.6 | | | | | |
| P1 | 13 | BROCCOLI / CALABRESE | 0.3 | 54.6 | 39.4 | 95.4 | | <LOD | 347 | 35.6 | 4176.7 | | | | | |
| P1 | 18 | CARROTS | 1 | 129.9 | 410.1 | 263.7 | peeled | 6.4 | 369.7 | 138 | 2868.2 | unpeeled | 3.6 | 362.6 | 91.6 | 2099.1 |
| P1 | 20 | CARROTS | 0.3 | 18 | 25.9 | 51.6 | peeled | <LOD | <LOD | <LOD | 681.4 | unpeeled | 4.6 | 248.1 | 15.8 | 1141.2 |
| P1 | 15 | CARROTS | 0.2 | 43.2 | 22.8 | 75.3 | peeled | <LOD | 321.3 | 12.4 | 1737.1 | unpeeled | 3.9 | 525.5 | 9.2 | 2008.8 |
| P1 | 16 | CARROTS | 0.2 | 87.9 | 14.6 | 86.9 | peeled | <LOD | 264.4 | 10.4 | 663.8 | unpeeled | <LOD | 435.4 | <LOD | 1156 |
| P1 | 17 | CARROTS | 0.4 | 74.4 | 67 | 115.2 | peeled | 5.3 | 412.2 | 29.4 | 1454.3 | unpeeled | 5.7 | 418.6 | 35.5 | 1543.6 |
| P1 | 26 | CAULIFLOWER | 0.2 | 6.2 | 18.1 | 16 | | <LOD | 462 | <LOD | 2369.7 | | | | | |
| P1 | 30 | CAULIFLOWER | 0.4 | 113.2 | 47.1 | 129.7 | | 5.5 | 235.9 | <LOD | 1825.6 | | | | | |
| P1 | 27 | CAULIFLOWER | 0.5 | 147.2 | 59.7 | 163.1 | | <LOD | 376.8 | <LOD | 2437 | | | | | |
| P1 | 28 | CAULIFLOWER | 0.5 | 95.1 | 48.9 | 149.3 | | <LOD | 364.9 | <LOD | 1991.5 | | | | | |
| P1 | 29 | CAULIFLOWER | 0.7 | 93.2 | 47.3 | 304.8 | | <LOD | 194.9 | <LOD | 1272.6 | | | | | |
| P1 | 31 | CAULIFLOWER | 0.3 | 75.5 | 61.4 | 116.3 | | <LOD | 332.4 | <LOD | 1217.4 | | | | | |
| P1 | 32 | CAULIFLOWER | 0.8 | 135.5 | 101.8 | 324.3 | | <LOD | 193.1 | <LOD | 1604.7 | | | | | |
| P1 | 25 | CAULIFLOWER | 0.3 | 54.6 | 39.4 | 95.4 | | 6.7 | 339.7 | <LOD | 2305.5 | | | | | |
| P1 | 33 | CELERIAC | 1 | 80.6 | 177.7 | 134.1 | | 20.7 | 1553.7 | 10.4 | 3352.1 | | | | | |
| P1 | 35 | CELERY | 1 | 80.6 | 177.7 | 134.1 | | 7.7 | 222.4 | 26.7 | 888 | | | | | |
| P1 | 34 | CELERY | 0.7 | 210.2 | 59.9 | 249.5 | | 10.8 | 1288.2 | 10 | 2515.3 | | | | | |
| P1 | 36 | CHARD | 0.9 | 71.4 | 97.7 | 152.3 | | 5.9 | 1258.9 | 129.6 | 3987 | | | | | |
| P1 | 37 | CHARD, MIXED | 1 | 80.6 | 177.7 | 134.1 | | 14.8 | 2427.4 | 625.5 | 11271.9 | | | | | |
| P1 | 41 | KALE, CURLY | 1 | 80.6 | 177.7 | 134.1 | | 8 | 1014.7 | 9 | 3418.2 | | | | | |

| | | | | | | | | | | | | | | | | |
|----|----|------------------|-----|-------|-------|-------|--------|------|--------|-------|--------|----------|------|--------|------|--------|
| P1 | 39 | KALE, CURLY | 0.4 | 113.2 | 47.1 | 129.7 | | 23.1 | 644.1 | 146.5 | 1667.5 | | | | | |
| P1 | 38 | KALE, CURLY | 0.5 | 147.2 | 59.7 | 163.1 | | 9 | 577.7 | 16.3 | 1558.7 | | | | | |
| P1 | 42 | CABBAGE | 0.4 | 97.9 | 61.7 | 108.6 | | 5.2 | 443.4 | 35.8 | 2175.5 | | | | | |
| P1 | 43 | KALE | 0.3 | 7.8 | 21.5 | 20.9 | | 19.8 | 368.9 | 71 | 3448.6 | | | | | |
| P1 | 44 | KALE | 0.4 | 73.3 | 85.9 | 180.5 | | <LOD | 641 | <LOD | 2751.1 | | | | | |
| P1 | 45 | KALE, LACINATO | 0.7 | 210.2 | 59.9 | 249.5 | | 6.3 | 736.8 | 26.4 | 2183.2 | | | | | |
| P1 | 51 | LEEKs | 1 | 80.6 | 177.7 | 134.1 | | 8.9 | 487.3 | <LOD | 2412.3 | | | | | |
| P1 | 49 | LEEKs | 0.4 | 113.2 | 47.1 | 129.7 | | <LOD | 412.2 | 19.3 | 2271.9 | | | | | |
| P1 | 48 | LEEKs | 0.9 | 71.4 | 97.7 | 152.3 | | 9.6 | 754.8 | <LOD | 2707.4 | | | | | |
| P1 | 47 | LEEKs | 0.4 | 62.5 | 53.3 | 115.8 | | 5.7 | 789.6 | <LOD | 2053.9 | | | | | |
| P1 | 50 | LEEKs | 0.3 | 54.6 | 39.4 | 95.4 | | 6.8 | 574.8 | <LOD | 1598.8 | | | | | |
| P1 | 46 | LEEKs | 0.8 | 292.1 | 94 | 299.2 | | 7.6 | 1303.7 | 12.8 | 2842.5 | | | | | |
| P1 | 52 | LETTUCES | 0.4 | 73.3 | 85.9 | 180.5 | | <LOD | 1629.2 | <LOD | 2386.8 | | | | | |
| P1 | 53 | PAK CHOI | 1 | 80.6 | 177.7 | 134.1 | | 4.2 | 291.2 | 52.5 | 1462.4 | | | | | |
| P1 | 54 | PARSNIPS | 1.5 | 98.3 | 84.5 | 200.4 | peeled | <LOD | 1013.5 | 17.3 | 1987.7 | unpeeled | <LOD | 1109.3 | 45.4 | 2180.8 |
| P1 | 55 | PARSNIPS | 0.4 | 74.5 | 62 | 187.5 | peeled | 5.1 | 2531.6 | 17.4 | 4856.3 | unpeeled | 6.7 | 1064.7 | 30.1 | 3888.5 |
| P1 | 56 | PARSNIPS | 0.2 | 87.9 | 14.6 | 86.9 | peeled | <LOD | 1291.4 | <LOD | 2510.3 | unpeeled | <LOD | 1332.4 | 10.6 | 2445.5 |
| P1 | 57 | PARSNIPS | 0.4 | 74.4 | 67 | 115.2 | peeled | 4.6 | 1322.3 | 32.2 | 3732.5 | unpeeled | 6.3 | 1014.8 | 22 | 3296 |
| P1 | 62 | PEPPERS, MIXED | 0.4 | 73.3 | 85.9 | 180.5 | | <LOD | 1231.5 | <LOD | 1444.5 | | | | | |
| P1 | 63 | POTATO | 0.8 | 96.6 | 60.2 | 136.2 | peeled | 26.9 | 1180.4 | <LOD | 2851.7 | unpeeled | 17.2 | 1201.5 | <LOD | 3074.9 |
| P1 | 64 | POTATO | 0.6 | 163.3 | 52.5 | 225.7 | peeled | 8.6 | 887.5 | <LOD | 1331.1 | unpeeled | 7.5 | 610.3 | <LOD | 1178.9 |
| P1 | 66 | POTATO | 0.4 | 74.5 | 62 | 187.5 | peeled | <LOD | 1643.3 | <LOD | 1992.5 | unpeeled | <LOD | 926.5 | <LOD | 2165.9 |
| P1 | 65 | POTATO | 0.5 | 24 | 14.3 | 72.9 | peeled | 6.1 | 561.9 | <LOD | 1708.8 | | | | | |
| P1 | 70 | POTATO | 0.3 | 13.8 | 19.6 | 39.9 | peeled | <LOD | 807.5 | <LOD | 1203.4 | unpeeled | <LOD | 719.7 | <LOD | 1554.9 |
| P1 | 67 | POTATO | 0.2 | 87.9 | 14.6 | 86.9 | peeled | <LOD | 1237.6 | <LOD | 1446.5 | unpeeled | <LOD | 801 | 11.1 | 1031.7 |
| P1 | 77 | KALE, PURPLE | 1 | 80.6 | 177.7 | 134.1 | | <LOD | 532.8 | 31.9 | 2337.2 | | | | | |
| P1 | 76 | KALE, PURPLE | 0.3 | 54.6 | 39.4 | 95.4 | | 3.9 | 1116.2 | 22.7 | 2767.2 | | | | | |
| P1 | 75 | KALE, PURPLE | 0.7 | 210.2 | 59.9 | 249.5 | | 5.8 | 1007.5 | 62.3 | 3757 | | | | | |
| P1 | 79 | PURPLE SPROUTING | 1 | 80.6 | 177.7 | 134.1 | | <LOD | 800.9 | 65.9 | 7261.5 | | | | | |
| P1 | 78 | PURPLE SPROUTING | 0.3 | 41.6 | 37.3 | 47.3 | | 4.5 | 3709.8 | 26.5 | 5996.5 | | | | | |
| P1 | 80 | RASPBERRIES | 0.7 | 86.9 | 248.4 | 211.1 | | <LOD | 371 | <LOD | 2343.1 | | | | | |
| P1 | 84 | CABBAGE, RED | 1 | 80.6 | 177.7 | 134.1 | | <LOD | 432.3 | <LOD | 1483.8 | | | | | |
| P1 | 82 | CABBAGE, RED | 0.5 | 147.2 | 59.7 | 163.1 | | <LOD | 373.3 | <LOD | 1251.8 | | | | | |
| P1 | 81 | CABBAGE, RED | 0.3 | 54.6 | 39.4 | 95.4 | peeled | <LOD | 223.4 | <LOD | 1067 | | | | | |
| P1 | 85 | ROMANESQUE | 0.5 | 147.2 | 59.7 | 163.1 | | 4.6 | 780.3 | <LOD | 3150.1 | | | | | |
| P1 | 87 | CHARD, RUBY | 0.4 | 73.3 | 85.9 | 180.5 | | 7.8 | 1511.2 | 18.7 | 2742.4 | | | | | |
| P1 | 86 | CHARD, RUBY | 0.9 | 71.4 | 97.7 | 152.3 | | 17 | 2719.4 | 469.7 | 4359.3 | | | | | |
| P1 | 93 | CABBAGE, SAVOY | 1 | 80.6 | 177.7 | 134.1 | | <LOD | 486.6 | <LOD | 2771.7 | | | | | |
| P1 | 88 | CABBAGE, SAVOY | 0.2 | 7.5 | 20.2 | | | | | | | | | | | |
| P1 | 91 | CABBAGE, SAVOY | 0.4 | 113.2 | 47.1 | 129.7 | | 4 | 741.4 | <LOD | 2701.8 | | | | | |
| P1 | 90 | CABBAGE, SAVOY | 0.5 | 147.2 | 59.7 | 163.1 | | <LOD | 646 | <LOD | 3217.4 | | | | | |
| P1 | 94 | CABBAGE, SAVOY | 0.5 | 108.9 | 94.7 | 209.9 | | <LOD | 717.3 | <LOD | 2396.3 | | | | | |

| | | | | | | | | | | | | | | | | |
|----|-----|----------------------|-----|-------|-------|-------|----------|------|--------|-----------------|-------------|----------|------|--------|------|--------|
| P1 | 89 | CABBAGE, SAVOY | 0.8 | 235.5 | 264.7 | 195.4 | | <LOD | 1205.6 | <LOD | 3680.2 | | | | | |
| P1 | 92 | CABBAGE, SAVOY | 0.3 | 54.6 | 39.4 | 95.4 | | 6.7 | 842.1 | <LOD | 2691.2 | | | | | |
| P1 | 95 | SPINACH | 0.9 | 71.4 | 97.7 | 152.3 | | 11.1 | 1424.1 | 50.5328 9597 | 11749. 5 | | | | | |
| P1 | 98 | GREENS, SPRING | 1 | 303.2 | 116.7 | 328.1 | | 7.6 | 1101.5 | 11.9490 5881 | 4464.2 | | | | | |
| P1 | 99 | GREENS, SPRING | 0.4 | 132.8 | 65.4 | 183.9 | | 10.9 | 679.2 | <LOD | 3205.6 | | | | | |
| P1 | 100 | GREENS, SPRING | 0.4 | 109.6 | 45.4 | 126.7 | | 10.6 | 606.1 | <LOD | 2232.1 | | | | | |
| P1 | 97 | GREENS, SPRING | 0.7 | 210.2 | 59.9 | 249.5 | | 5.3 | 1200.1 | 199.228 2913 | 2432.8 | | | | | |
| P1 | 101 | SWEDE | 0.6 | 108 | 97 | 167.7 | peeled | 4.3 | 1001.1 | <LOD | 1216.8 | unpeeled | 3.7 | 531.3 | <LOD | 1325.2 |
| P1 | 102 | SWEDE | 0.2 | 7.3 | 9.2 | 20.5 | peeled | 3.9 | 294.3 | <LOD | 1098.5 | | | | | |
| P1 | 103 | SWEDE | 0.4 | 113.2 | 47.1 | 129.7 | peeled | 5.6 | 431.9 | <LOD | 1266.8 | unpeeled | 5.9 | 367.7 | 9.1 | 1265.6 |
| P1 | 104 | SWEDE | 0.2 | 43.2 | 22.8 | 75.3 | peeled | <LOD | 220.1 | <LOD | 698.8 | unpeeled | <LOD | 220.2 | <LOD | 776.8 |
| P1 | 105 | SWEDE | 0.3 | 54.6 | 39.4 | 95.4 | peeled | 6.8 | 383 | <LOD | 953.7 | unpeeled | 10.2 | 283.9 | 8.6 | 1237.3 |
| P1 | 106 | SWEDE | 0.4 | 74.4 | 67 | 115.2 | peeled | <LOD | <LOD | <LOD | 676.3 | unpeeled | <LOD | 403.4 | <LOD | 1418.4 |
| P2 | 1 | POTATO | 0.5 | 67.4 | 81.2 | 204.9 | peeled | 6.9 | 766.2 | <LOD | 1087.3 | unpeeled | 8.2 | 889.5 | 31.6 | 1490.6 |
| P2 | 3 | POTATO | 0.3 | 48.9 | 61.5 | 78.9 | peeled | <LOD | 906.3 | <LOD | 1703.1 | unpeeled | <LOD | 1071.7 | 17.3 | 2030.9 |
| P2 | 5 | POTATO | 0.4 | 75.6 | 79 | 119.9 | peeled | 13 | 895 | <LOD | 1652.4 | unpeeled | 10.7 | 830 | 19.8 | 1497.8 |
| P2 | 7 | RASPBERRIES | 0.3 | 46.4 | 54.6 | 138.4 | | <LOD | 594.6 | <LOD | 1996.4 | | | | | |
| P2 | 8 | STRAWBERRIES | 0.3 | 46.4 | | 138.4 | | <LOD | <LOD | <LOD | 930.1 | | | | | |
| P2 | 9 | GOOSEBERRIES | 0.3 | 46.4 | | 138.4 | | <LOD | 683.4 | <LOD | 1195.8 | | | | | |
| P2 | 10 | POTATO | 0.2 | 12.3 | 22.8 | 30.7 | peeled | 9.9 | 443.3 | <LOD | 1887.4 | unpeeled | 12.7 | 361.6 | 28.3 | 1753.2 |
| P2 | 12 | POTATO | 0.2 | 10.5 | 21.7 | 24.7 | peeled | 19.6 | 306.4 | <LOD | 2206.8 | unpeeled | 21.3 | 318.5 | 12.2 | 1994.7 |
| P2 | 14 | CABBAGE, SAVOY | 0.1 | 23 | 19.1 | 71.8 | | <LOD | 298.6 | <LOD | 1658.8 | | | | | |
| P2 | 15 | CABBAGE | 0.8 | 74.1 | 47.8 | 166.3 | | <LOD | 199.2 | <LOD | 1231.9 | | | | | |
| P2 | 16 | CABBAGE | 0.5 | 68.6 | 59.2 | 210.3 | | <LOD | 288.2 | <LOD | 1726.3 | | | | | |
| P2 | 17 | BROCCOLI / CALABRESE | | 0.2 | 23.6 | 15.3 | 75.3 | | 6.8 | 605.8 | 12.2 | 5055.9 | | | | |
| P2 | 18 | CAULIFLOWER | 0.6 | 63.9 | 37.5 | 231.7 | | 5 | 239.5 | 9.6 | 1730.4 | | | | | |
| P2 | 19 | BROCCOLI / CALABRESE | | 0.7 | 123.7 | 50.2 | 306.5 | | 4.1 | 595 | <LOD | 4256.6 | | | | |
| P2 | 20 | CAULIFLOWER | 0.9 | 98.8 | 64.5 | 304.9 | | 4.7 | 277.4 | 10.2 | 2337.9 | | | | | |
| P2 | 21 | BROCCOLI / CALABRESE | | 1 | 206.2 | 61.3 | 474.5 | | 6.8 | 627.6 | 41.8 | 4448.5 | | | | |
| P3 | 1 | STRAWBERRIES | 0.9 | 121.2 | 79.3 | 260 | | <LOD | <LOD | <LOD | 1113.1 | | | | | |
| P3 | 2 | CELERY | 0.9 | 83.7 | 91.6 | 224.7 | | 12.2 | 200.2 | 9.6 | 1002.1 | | | | | |
| P3 | 3 | SQUASH | 0.6 | 94 | 60.5 | 232.1 | Peeled | <LOD | 544.4 | 21.5 | 3055.9 | Unpeeled | 4 | 686.9 | 13.4 | 3260.6 |
| P3 | 5 | SQUASH | 0.6 | 94 | 60.5 | 232.1 | Peeled | <LOD | 974.9 | <LOD | 3754.8 | Unpeeled | <LOD | 738.1 | <LOD | 2871.3 |
| P3 | 7 | SQUASH | 0.6 | 94 | 60.5 | 232.1 | Peeled | <LOD | 556.7 | <LOD | 1829.7 | Unpeeled | <LOD | 436.8 | 9 | 1943.2 |
| P3 | 9 | MARROW | 0.6 | 94 | 60.5 | 232.1 | Peeled | <LOD | 323.5 | 8.8 | 1780.2 | Unpeeled | <LOD | 409.6 | 8.7 | 1730 |
| P3 | 12 | CUCUMBER | 0.6 | 94 | 60.5 | 232.1 | Unpeeled | <LOD | <LOD | <LOD | 724.8 | Peeled | <LOD | <LOD | <LOD | 875 |
| P3 | 14 | CUCUMBER | 0.6 | 94 | 60.5 | 232.1 | Unpeeled | <LOD | 319.8 | 8.4 | 1588.7 | Peeled | <LOD | 194.3 | <LOD | 1177.4 |
| P3 | 15 | ROMANESQUE | 0.4 | 75.6 | 91.1 | 153.3 | | <LOD | 981 | <LOD | 5078.7 | | | | | |

| | | | | | | | | | | | | | | | | |
|----|----|----------------|-----|-------|-------|-------|----------|------|--------|------|--------|----------|------|--------|------|--------|
| P3 | 16 | CARROTS | 0.4 | 75.6 | 91.1 | 153.3 | Peeled | 4 | 445.5 | 20.2 | 1653.1 | Unpeeled | 5.8 | 640.9 | 14.5 | 1770.4 |
| P3 | 18 | BEETROOT | 0.4 | 75.6 | 91.1 | 153.3 | Peeled | 8.8 | 1317.6 | 10.8 | 3666.4 | Unpeeled | 9.2 | 1534.2 | 9.6 | 3789.8 |
| P3 | 20 | POTATO | 0.4 | 75.6 | 91.1 | 153.3 | Peeled | <LOD | 572.3 | <LOD | 1246.2 | Unpeeled | <LOD | 513.5 | 27.4 | 1237.3 |
| P3 | 22 | RHUBARB | 0.4 | 75.8 | 96.8 | 138.2 | | 5.3 | 263.2 | 39.9 | 1503.5 | | | | | |
| P3 | 24 | APPLES | 0.5 | 98.6 | 58.1 | 184.8 | Unpeeled | <LOD | 328.5 | <LOD | 437.8 | Peeled | <LOD | 216.9 | <LOD | 486.2 |
| P3 | 26 | APPLES | 0.5 | 98.6 | 58.1 | 184.8 | Unpeeled | <LOD | 443.4 | <LOD | 484.9 | Peeled | <LOD | 408.6 | <LOD | 1052.7 |
| P3 | 28 | APPLES | 0.5 | 98.6 | 58.1 | 184.8 | Unpeeled | <LOD | 334.2 | <LOD | 251 | Peeled | <LOD | 205.3 | <LOD | 515.5 |
| P3 | 29 | PLUMS | 0.5 | 98.6 | 58.1 | 184.8 | | <LOD | 801.5 | <LOD | 965.3 | | | | | |
| P3 | 30 | POTATO | 0.7 | 82.6 | 56.1 | 99 | Peeled | 15.4 | 2103.2 | <LOD | 3726 | Unpeeled | 14.5 | 1989.9 | 25.6 | 3193.7 |
| P3 | 32 | POTATO | 0.3 | 23.6 | 36.8 | 25.8 | Peeled | 4 | 469.3 | <LOD | 2811.1 | Unpeeled | 4.5 | 706.8 | 15.8 | 2865.7 |
| P3 | 34 | POTATO | 0.7 | 113.9 | 58.1 | 134.6 | Peeled | <LOD | 983.5 | <LOD | 1727.7 | Unpeeled | <LOD | 870.2 | 15.4 | 1429.1 |
| P3 | 36 | POTATO | 0.4 | 37.8 | 55.9 | 129 | Peeled | 8.9 | 1015.3 | <LOD | 2511.1 | Unpeeled | 13.6 | 1376.5 | 27.2 | 2919.3 |
| P3 | 38 | POTATO | 2.6 | 176 | 101.6 | 259.9 | Peeled | 8.5 | 1351.3 | <LOD | 2982 | Unpeeled | 13.2 | 1517.6 | 14 | 2257.8 |
| P3 | 40 | POTATO | 0.9 | 70.2 | 49.1 | 95.2 | Peeled | 18.9 | 1552.7 | <LOD | 2929.1 | Unpeeled | 20.9 | 1710.5 | 41.8 | 3467.2 |
| P3 | 42 | CABBAGE, SAVOY | 0.9 | 164 | 97 | 278.8 | | 6.9 | 438.8 | 24.4 | 2714.5 | | | | | |
| P3 | 43 | CABBAGE | 2.8 | 69.4 | 54 | 186.9 | | 16.2 | 328.3 | 16.6 | 3454.8 | | | | | |
| P3 | 44 | CABBAGE, SAVOY | 0.9 | 348.8 | 92.9 | 259.1 | | 9 | 1392.6 | <LOD | 3812.1 | | | | | |
| P3 | 45 | CABBAGE, SAVOY | 0.5 | 847.4 | 72.8 | 239.2 | | 6.2 | 460.5 | 34.5 | 2330.9 | | | | | |
| P3 | 46 | CABBAGE, SAVOY | 0.4 | 96.6 | 56.3 | 193.2 | | 6.2 | 385.6 | <LOD | 2842.6 | | | | | |
| P3 | 48 | COURGETTE | 0.7 | 101 | 45.3 | 191.4 | Unpeeled | <LOD | 500.3 | <LOD | 1566 | Peeled | <LOD | 537.2 | <LOD | 1558.5 |
| P3 | 49 | CABBAGE, SAVOY | 0.8 | 109.4 | 77.8 | 243.3 | | 9.6 | 413.2 | <LOD | 3150.6 | | | | | |
| P3 | 50 | GREENS | 0.3 | 55.8 | 51.2 | 181.9 | | 3.6 | 359.9 | 9.8 | 3978.7 | | | | | |
| P3 | 51 | CABBAGE, SAVOY | 1.6 | 150.9 | 77.5 | 274.6 | | 4.9 | 870.8 | 11.7 | 2846 | | | | | |
| P3 | 52 | CABBAGE, SAVOY | 0.6 | 130.6 | 64.5 | 220.7 | | 5 | 662.5 | 9.8 | 3001.1 | | | | | |
| P3 | 53 | CABBAGE | 0.3 | 86.1 | 55.9 | 178.8 | | 5.6 | 440.5 | 22.9 | 3406.3 | | | | | |
| P3 | 54 | GREENS | 0.4 | 88.4 | 51 | 154.9 | | 19.1 | 360.2 | 24 | 3005.8 | | | | | |
| P3 | 55 | POTATO | 0.8 | 73.1 | 50.7 | 93.8 | Peeled | 20.2 | 1588.7 | <LOD | 3045.6 | Unpeeled | 15.2 | 1700.2 | 22.9 | 3360 |
| P3 | 57 | CAULIFLOWER | 0.8 | 73.1 | 50.7 | 93.8 | | 4 | 405.8 | <LOD | 2722.4 | | | | | |
| P3 | 58 | GREENS | 0.8 | 73.1 | 50.7 | 93.8 | | 8.6 | <LOD | <LOD | 3100.3 | | | | | |
| P3 | 59 | POTATO | 0.5 | 72.4 | 52.5 | 97.2 | Peeled | 6.5 | 1137.3 | <LOD | 2717.5 | Unpeeled | 7.3 | 1250.6 | 25.7 | 2349.1 |
| P3 | 61 | POTATO | 0.3 | 23.1 | 16.3 | 38.2 | Peeled | 4.6 | 186.3 | <LOD | 2566.5 | Unpeeled | 6.6 | 233.7 | <LOD | 2036.7 |
| P3 | 63 | SQUASH | 0.7 | 89.8 | 140.2 | 144.7 | Peeled | <LOD | 1778 | 16.9 | 6479 | Unpeeled | <LOD | 1883.4 | 15.1 | 6704.3 |
| P3 | 65 | SQUASH | 0.7 | 89.8 | 140.2 | 144.7 | Peeled | <LOD | 1294.3 | 16.5 | 4647.5 | Unpeeled | <LOD | 1230.7 | 23.1 | 4588.9 |
| P3 | 67 | POTATO | 0.4 | 52.5 | 28.2 | 81.7 | Peeled | 4.6 | 1151.3 | 9.7 | 3224.1 | Unpeeled | 5.8 | 1068.9 | <LOD | 2195.8 |
| P3 | 69 | POTATO | 0.9 | 95 | 39.5 | 282.1 | Peeled | 5.4 | 384.1 | <LOD | 738.5 | Unpeeled | 4.6 | 348.1 | 10.8 | 663.1 |
| P3 | 71 | TOMATO | 0.4 | 73.3 | 85.9 | 180.5 | | 4.5 | 488.3 | <LOD | 1333 | | | | | |
| P3 | 72 | RUNNER BEAN | 0.4 | 73.3 | 85.9 | 180.5 | | 4.8 | 732 | 58.2 | 4860.7 | | | | | |
| P3 | 73 | SQUASH | 0.4 | 73.3 | 85.9 | 180.5 | Peeled | <LOD | 284.7 | <LOD | 1951.1 | Unpeeled | <LOD | 564.7 | <LOD | 2207 |
| P3 | 76 | APPLES | 0.4 | 73.3 | 85.9 | 180.5 | Unpeeled | <LOD | 330.1 | <LOD | 1062.2 | Peeled | <LOD | 399.4 | <LOD | 2163.6 |
| P3 | 77 | POTATO | 0.4 | 73.3 | 85.9 | 180.5 | Peeled | 11.1 | 728.5 | <LOD | 2584 | Unpeeled | 10.1 | 800.2 | 35.9 | 2217.8 |
| P3 | 79 | CARROTS | 0.4 | 73.3 | 85.9 | 180.5 | Peeled | 16.9 | 188.8 | 39.8 | 2388 | Unpeeled | 27.5 | 291.8 | 34.8 | 2217.8 |
| P3 | 81 | POTATO | 0.4 | 40.1 | 57.2 | 135.4 | Peeled | 4.5 | 873.8 | <LOD | 2042.2 | Unpeeled | 7.2 | 1284.9 | 34.7 | 2359 |
| P3 | 83 | CAULIFLOWER | 0.3 | 54.6 | 39.4 | 95.4 | | 8.5 | 366.4 | <LOD | 2647.5 | | | | | |
| P3 | 84 | KALE, CURLY | 0.3 | 54.6 | 39.4 | 95.4 | | 22.3 | 799 | 57.1 | 4138.1 | | | | | |

| | | | | | | | | | | | | | | | | |
|----|----|---------------|-----|-------|------|-------|--------|------|--------|-------|--------|--|--|--|--|--|
| P3 | 85 | KALE, PURPLE | 0.3 | 54.6 | 39.4 | 95.4 | | 7.6 | 608.4 | 15.9 | 4160 | | | | | |
| AM | 34 | BROAD BEANS | 0.1 | 30 | 57.1 | 117 | | <LOD | 2797.1 | <LOD | 9666.1 | | | | | |
| AM | 35 | GOOSEBERRIES | 0.1 | 30 | 57.1 | 117 | | <LOD | 892.9 | <LOD | 931.5 | | | | | |
| AM | 36 | RHUBARB | 0.1 | 30 | 57.1 | 117 | | <LOD | 352.3 | 24.5 | 1621.7 | | | | | |
| AM | 37 | STRAWBERRIES | 0.1 | 30 | 57.1 | 117 | | <LOD | 570.2 | <LOD | 1204.4 | | | | | |
| AM | 38 | REDCURRANTS | 0.1 | 30 | 57.1 | 117 | | <LOD | 1050.1 | <LOD | 2169.3 | | | | | |
| AM | 39 | RASPBERRIES | 0.1 | 30 | 57.1 | 117 | | <LOD | 307.5 | <LOD | 3461.3 | | | | | |
| AM | 40 | BLUEBERRIES | 0.1 | 30 | 57.1 | 117 | | <LOD | 596.7 | <LOD | 1861.4 | | | | | |
| AM | 41 | BLACKCURRANTS | 0.1 | 30 | 57.1 | 117 | | <LOD | 912.1 | <LOD | 2099.5 | | | | | |
| AM | 43 | CAULIFLOWER | 0.2 | 57.1 | 42.5 | 90.7 | | 11.6 | 466.4 | 13.3 | 4695.7 | | | | | |
| AM | 44 | STRAWBERRIES | 0.2 | 57.1 | 42.5 | 90.7 | | <LOD | <LOD | <LOD | 1021.2 | | | | | |
| AM | 45 | POTATO | 0.2 | 57.1 | 42.5 | 90.7 | Peeled | 5.1 | 1235.7 | <LOD | 2206.5 | | | | | |
| AM | 46 | LEEKs | 0.2 | 57.1 | 42.5 | 90.7 | | 5 | 662.1 | <LOD | 1208.4 | | | | | |
| AM | 47 | GREENS | 0.2 | 57.1 | 42.5 | 90.7 | | 7.5 | 254.4 | 15.6 | 3007.3 | | | | | |
| AM | 48 | STRAWBERRIES | 0.5 | 88.4 | 48.2 | 97.2 | | <LOD | 557.6 | <LOD | 599.9 | | | | | |
| AM | 61 | STRAWBERRIES | 0.8 | 73 | 40.8 | 233.8 | | <LOD | <LOD | <LOD | 989.1 | | | | | |
| AM | 14 | STRAWBERRIES | 0.2 | 38.6 | 62.6 | 121.7 | | <LOD | 416.7 | <LOD | 801.1 | | | | | |
| AM | 15 | RHUBARB | 0.6 | 48 | 53.6 | 173.4 | | <LOD | 339.6 | 19.8 | 1532.8 | | | | | |
| AM | 16 | STRAWBERRIES | 0.4 | 108.1 | 214 | 155.8 | | <LOD | 483.1 | <LOD | 1139.8 | | | | | |
| AM | 24 | SAMPHIRE | 1.2 | 217.5 | 916 | 579.5 | | 8 | 1725.3 | 536.8 | 5570.6 | | | | | |

Table F. Total cadmium, copper, lead and zinc concentration in all samples survey in the SW field survey. Element produce concentrations are given as ng/g dry weight.

| Survey code | Survey sample | Produce | Soil Cu mg/kg | Soil Zn mg/kg | Soil Cd mg/kg | Soil pb mg/kg | Preparation method | Cu ng/g | Zn ng/g | Cd ng/g | Pb ng/g | Alternative preparation | Cu ng/g | Zn ng/g | Cd ng/g | Pb ng/g |
|-------------|---------------|----------------------|---------------|---------------|---------------|---------------|--------------------|---------|----------|---------|---------|-------------------------|---------|---------|---------|---------|
| B1 | 1 | BEETROOT | 292.1 | 299.2 | 0.8 | 94.0 | Peeled | 12726.1 | 20841.6 | <LOD | 78.7 | Unpeeled | 8596.8 | 17277.0 | 39.7 | 528.4 |
| B1 | 2 | BEETROOT | 210.2 | 249.5 | 0.7 | 59.9 | Peeled | 10184.4 | 24043.3 | 81.3 | <LOD | Unpeeled | 7518.2 | 15522.1 | <LOD | <LOD |
| B1 | 5 | BROCCOLI / CALABRESE | 34.9 | 34.3 | 0.3 | 15.5 | | 4905.8 | 40603.4 | 53.7 | 106.1 | | | | | |
| B1 | 6 | BROCCOLI / CALABRESE | 210.2 | 249.5 | 0.7 | 59.9 | | 4786.8 | 36194.3 | <LOD | 692.7 | | | | | |
| B1 | 9 | BRUSSEL SPROUTS | 80.6 | 134.1 | 1.0 | 177.7 | | 1889.9 | 16572.5 | <LOD | <LOD | | | | | |
| B1 | 7 | BRUSSEL SPROUTS | 147.2 | 163.1 | 0.5 | 59.7 | | 3208.3 | 20199.5 | <LOD | <LOD | | | | | |
| B1 | 8 | BRUSSEL SPROUTS | 54.6 | 95.4 | 0.3 | 39.4 | | 2669.0 | 12218.2 | <LOD | <LOD | | | | | |
| B1 | 10 | CABBAGE | 147.2 | 163.1 | 0.5 | 59.7 | | 4015.9 | 14227.7 | <LOD | 126.7 | | | | | |
| B1 | 11 | CABBAGE | 75.5 | 122.8 | 0.4 | 50.8 | | 6253.1 | 24224.2 | <LOD | <LOD | | | | | |
| B1 | 12 | CABBAGE | 183.1 | 188.9 | 0.5 | 116.8 | | 3180.2 | 18895.7 | <LOD | <LOD | | | | | |
| B1 | 13 | BROCCOLI / CALABRESE | 54.6 | 95.4 | 0.3 | 39.4 | | 2951.8 | 35532.0 | <LOD | 303.1 | | | | | |
| B1 | 18 | CARROTS | 129.9 | 263.7 | 1.0 | 410.1 | Peeled | 3392.5 | 26321.2 | 58.4 | 1266.6 | Unpeeled | 3988.6 | 23090.0 | 40.0 | 1007.9 |
| B1 | 20 | CARROTS | 18.0 | 51.6 | 0.3 | 25.9 | Peeled | 1576.5 | 7395.0 | <LOD | <LOD | Unpeeled | 2270.0 | 10440.6 | 41.8 | 144.7 |
| B1 | 15 | CARROTS | 43.2 | 75.3 | 0.2 | 22.8 | Peeled | 2733.1 | 14777.5 | <LOD | 105.4 | Unpeeled | 4607.5 | 17613.5 | 34.1 | 80.4 |
| B1 | 16 | CARROTS | 87.9 | 86.9 | 0.2 | 14.6 | Peeled | 2658.3 | 6673.2 | <LOD | 104.3 | Unpeeled | 4065.5 | 10794.8 | <LOD | <LOD |
| B1 | 17 | CARROTS | 74.4 | 115.2 | 0.4 | 67.0 | Peeled | 3334.8 | 11766.3 | 42.5 | 237.8 | Unpeeled | 3605.8 | 13295.9 | 49.4 | 305.9 |
| B1 | 26 | CAULIFLOWER | 6.2 | 16.0 | 0.2 | 18.1 | | 5860.7 | 30059.2 | <LOD | <LOD | | | | | |
| B1 | 30 | CAULIFLOWER | 113.2 | 129.7 | 0.4 | 47.1 | | 2795.5 | 21635.9 | 64.8 | <LOD | | | | | |
| B1 | 27 | CAULIFLOWER | 147.2 | 163.1 | 0.5 | 59.7 | | 4070.4 | 26325.4 | <LOD | <LOD | | | | | |
| B1 | 28 | CAULIFLOWER | 95.1 | 149.3 | 0.5 | 48.9 | | 4237.1 | 23122.4 | <LOD | <LOD | | | | | |
| B1 | 29 | CAULIFLOWER | 93.2 | 304.8 | 0.7 | 47.3 | | 2649.0 | 17293.8 | <LOD | <LOD | | | | | |
| B1 | 31 | CAULIFLOWER | 75.5 | 116.3 | 0.3 | 61.4 | | 4652.9 | 17044.0 | <LOD | <LOD | | | | | |
| B1 | 32 | CAULIFLOWER | 135.5 | 324.3 | 0.8 | 101.8 | | 2509.2 | 20849.1 | <LOD | <LOD | | | | | |
| B1 | 25 | CAULIFLOWER | 54.6 | 95.4 | 0.3 | 39.4 | | 4225.6 | 28678.7 | 83.1 | <LOD | | | | | |
| B1 | 33 | CELERIAC | 80.6 | 134.1 | 1.0 | 177.7 | | 15400.0 | 33224.6 | 205.1 | 102.6 | | | | | |
| B1 | 35 | CELERY | 80.6 | 134.1 | 1.0 | 177.7 | | 3215.8 | 12842.1 | 112.0 | 385.4 | | | | | |
| B1 | 34 | CELERY | 210.2 | 249.5 | 0.7 | 59.9 | | 10432.1 | 20369.2 | 87.6 | 80.7 | | | | | |
| B1 | 36 | CHARD | 71.4 | 152.3 | 0.9 | 97.7 | | 11998.6 | 38000.1 | 56.0 | 1235.2 | | | | | |
| B1 | 37 | CHARD, MIXED | 80.6 | 134.1 | 1.0 | 177.7 | | 25029.5 | 116226.3 | 152.5 | 6449.2 | | | | | |
| B1 | 41 | KALE, CURLY | 80.6 | 134.1 | 1.0 | 177.7 | | 6084.7 | 20497.7 | 48.0 | <LOD | | | | | |
| B1 | 39 | KALE, CURLY | 113.2 | 129.7 | 0.4 | 47.1 | | 4213.2 | 10906.9 | 151.3 | 958.1 | | | | | |
| B1 | 38 | KALE, CURLY | 147.2 | 163.1 | 0.5 | 59.7 | | 3851.1 | 10391.1 | 59.9 | 108.4 | | | | | |
| B1 | 42 | CABBAGE | 97.9 | 108.6 | 0.4 | 61.7 | | 3753.6 | 18415.9 | 43.7 | 303.1 | | | | | |
| B1 | 43 | KALE | 7.8 | 20.9 | 0.3 | 21.5 | | 2237.5 | 20919.9 | 120.3 | 430.6 | | | | | |
| B1 | 44 | KALE | 73.3 | 180.5 | 0.4 | 85.9 | | 5081.7 | 21811.3 | <LOD | <LOD | | | | | |
| B1 | 45 | KALE, LACINATO | 210.2 | 249.5 | 0.7 | 59.9 | | 5615.7 | 16640.9 | 47.7 | 201.2 | | | | | |
| B1 | 51 | LEEKES | 80.6 | 134.1 | 1.0 | 177.7 | | 5473.5 | 27095.3 | 100.3 | <LOD | | | | | |
| B1 | 49 | LEEKES | 113.2 | 129.7 | 0.4 | 47.1 | | 4126.5 | 22742.9 | <LOD | 193.3 | | | | | |
| B1 | 48 | LEEKES | 71.4 | 152.3 | 0.9 | 97.7 | | 5569.7 | 19977.5 | 70.9 | <LOD | | | | | |

| | | | | | | | | | | | | | | | | | | | |
|----|-----|------------------|-------|-------|-----|-------|--------|---------|---------|-------|--------|----------|--------|---------|------|-------|--|--|--|
| B1 | 47 | LEEKES | 62.5 | 115.8 | 0.4 | 53.3 | | 5147.8 | 13390.1 | 37.0 | <LOD | | | | | | | | |
| B1 | 50 | LEEKES | 54.6 | 95.4 | 0.3 | 39.4 | | 6207.5 | 17267.5 | 73.1 | 75.6 | | | | | | | | |
| B1 | 46 | LEEKES | 292.1 | 299.2 | 0.8 | 94.0 | | 12978.9 | 28299.4 | 75.8 | 127.9 | | | | | | | | |
| B1 | 52 | LETTUCES | 73.3 | 180.5 | 0.4 | 85.9 | | 38122.1 | 55850.3 | 51.2 | <LOD | | | | | | | | |
| B1 | 53 | PAK CHOI | 80.6 | 134.1 | 1.0 | 177.7 | | 4572.2 | 22961.7 | 66.4 | 824.0 | | | | | | | | |
| B1 | 54 | PARNIPS | 98.3 | 200.4 | 1.5 | 84.5 | Peeled | 4604.4 | 9029.8 | <LOD | 78.8 | Unpeeled | 4382.7 | 8616.3 | <LOD | 179.2 | | | |
| B1 | 55 | PARNIPS | 74.5 | 187.5 | 0.4 | 62.0 | Peeled | 14662.3 | 28126.5 | <LOD | 100.7 | Unpeeled | 5215.9 | 19050.4 | 32.8 | 147.4 | | | |
| B1 | 56 | PARNIPS | 87.9 | 86.9 | 0.2 | 14.6 | Peeled | 5238.5 | 10182.6 | <LOD | <LOD | Unpeeled | 6877.7 | 12624.0 | <LOD | <LOD | | | |
| B1 | 57 | PARNIPS | 74.4 | 115.2 | 0.4 | 67.0 | Peeled | 6911.1 | 19508.9 | <LOD | 168.4 | Unpeeled | 5162.4 | 16766.5 | 31.9 | 111.8 | | | |
| B1 | 62 | PEPPERS, MIXED | 73.3 | 180.5 | 0.4 | 85.9 | | 11391.7 | 13361.9 | <LOD | <LOD | | | | | | | | |
| B1 | 63 | POTATO | 96.6 | 136.2 | 0.8 | 60.2 | Peeled | 5736.0 | 13857.6 | 130.8 | <LOD | Unpeeled | 5554.6 | 14215.9 | 79.6 | <LOD | | | |
| B1 | 64 | POTATO | 163.3 | 225.7 | 0.6 | 52.5 | Peeled | 4874.6 | 7311.5 | 47.2 | <LOD | Unpeeled | 3000.0 | 5795.0 | 37.1 | <LOD | | | |
| B1 | 66 | POTATO | 74.5 | 187.5 | 0.4 | 62.0 | Peeled | 10473.5 | 12698.9 | <LOD | <LOD | Unpeeled | 4888.4 | 11428.2 | <LOD | <LOD | | | |
| B1 | 65 | POTATO | 24.0 | 72.9 | 0.5 | 14.3 | Peeled | 2087.3 | 6347.8 | <LOD | <LOD | | | | | | | | |
| B1 | 70 | POTATO | 13.8 | 39.9 | 0.3 | 19.6 | Peeled | 5540.6 | 8256.6 | <LOD | <LOD | Unpeeled | 3641.4 | 7867.1 | <LOD | <LOD | | | |
| B1 | 67 | POTATO | 87.9 | 86.9 | 0.2 | 14.6 | Peeled | 7410.4 | 8661.4 | <LOD | <LOD | Unpeeled | 5265.0 | 6781.0 | <LOD | 73.1 | | | |
| B1 | 77 | KALE, PURPLE | 80.6 | 134.1 | 1.0 | 177.7 | | 3069.0 | 13463.7 | <LOD | 183.6 | | | | | | | | |
| B1 | 76 | KALE, PURPLE | 54.6 | 95.4 | 0.3 | 39.4 | | 6106.9 | 15139.1 | <LOD | 124.4 | | | | | | | | |
| B1 | 75 | KALE, PURPLE | 210.2 | 249.5 | 0.7 | 59.9 | | 6397.1 | 23854.6 | 36.6 | 395.6 | | | | | | | | |
| B1 | 79 | PURPLE SPROUTING | 80.6 | 134.1 | 1.0 | 177.7 | | 5073.4 | 45998.5 | <LOD | 417.3 | | | | | | | | |
| B1 | 78 | PURPLE SPROUTING | 41.6 | 47.3 | 0.3 | 37.3 | | 29660.8 | 47943.6 | 35.6 | 211.5 | | | | | | | | |
| B1 | 80 | RASPBERRIES | 86.9 | 211.1 | 0.7 | 248.4 | | 3946.4 | 24924.0 | <LOD | <LOD | | | | | | | | |
| B1 | 84 | CABBAGE, RED | 80.6 | 134.1 | 1.0 | 177.7 | | 4581.8 | 15726.3 | <LOD | <LOD | | | | | | | | |
| B1 | 82 | CABBAGE, RED | 147.2 | 163.1 | 0.5 | 59.7 | | 3965.1 | 13295.9 | <LOD | <LOD | | | | | | | | |
| B1 | 81 | CABBAGE, RED | 54.6 | 95.4 | 0.3 | 39.4 | Peeled | 2783.4 | 13293.3 | <LOD | <LOD | | | | | | | | |
| B1 | 85 | ROMANESQUE | 147.2 | 163.1 | 0.5 | 59.7 | | 5935.8 | 23963.3 | 35.1 | <LOD | | | | | | | | |
| B1 | 87 | CHARD, RUBY | 73.3 | 180.5 | 0.4 | 85.9 | | 14899.6 | 27039.3 | 77.2 | 184.7 | | | | | | | | |
| B1 | 86 | CHARD, RUBY | 71.4 | 152.3 | 0.9 | 97.7 | | 29803.1 | 47776.1 | 185.9 | 5148.1 | | | | | | | | |
| B1 | 93 | CABBAGE, SAVOY | 80.6 | 134.1 | 1.0 | 177.7 | | 4679.4 | 26652.3 | <LOD | <LOD | | | | | | | | |
| B1 | 88 | CABBAGE, SAVOY | 7.5 | 20.6 | 0.2 | 20.2 | | 8484.3 | 28092.5 | 55.6 | <LOD | | | | | | | | |
| B1 | 91 | CABBAGE, SAVOY | 113.2 | 129.7 | 0.4 | 47.1 | | 6343.6 | 23118.3 | 34.3 | <LOD | | | | | | | | |
| B1 | 90 | CABBAGE, SAVOY | 147.2 | 163.1 | 0.5 | 59.7 | | 5518.5 | 27485.2 | <LOD | <LOD | | | | | | | | |
| B1 | 94 | CABBAGE, SAVOY | 108.9 | 209.9 | 0.5 | 94.7 | | 6576.1 | 21968.1 | <LOD | <LOD | | | | | | | | |
| B1 | 89 | CABBAGE, SAVOY | 235.5 | 195.4 | 0.8 | 264.7 | | 10818.7 | 33024.6 | <LOD | <LOD | | | | | | | | |
| B1 | 92 | CABBAGE, SAVOY | 54.6 | 95.4 | 0.3 | 39.4 | | 11145.5 | 35618.8 | 89.1 | <LOD | | | | | | | | |
| B1 | 95 | SPINACH | 71.4 | 152.3 | 0.9 | 97.7 | | 11331.1 | 93485.0 | 88.0 | 402.1 | | | | | | | | |
| B1 | 98 | GREENS, SPRING | 303.2 | 328.1 | 1.0 | 116.7 | | 9298.0 | 37682.0 | 64.2 | 100.9 | | | | | | | | |
| B1 | 99 | GREENS, SPRING | 132.8 | 183.9 | 0.4 | 65.4 | | 5867.4 | 27690.5 | 94.1 | <LOD | | | | | | | | |
| B1 | 100 | GREENS, SPRING | 109.6 | 126.7 | 0.4 | 45.4 | | 5396.2 | 19874.2 | 94.8 | <LOD | | | | | | | | |
| B1 | 97 | GREENS, SPRING | 210.2 | 249.5 | 0.7 | 59.9 | | 10373.3 | 21028.1 | 45.5 | 1722.0 | | | | | | | | |
| B1 | 101 | SWEDE | 108.0 | 167.7 | 0.6 | 97.0 | Peeled | 9770.0 | 11875.8 | 42.0 | <LOD | Unpeeled | 5586.6 | 13935.0 | 38.5 | <LOD | | | |
| B1 | 102 | SWEDE | 7.3 | 20.5 | 0.2 | 9.2 | Peeled | 2798.6 | 10444.4 | 36.7 | <LOD | | | | | | | | |
| B1 | 103 | SWEDE | 113.2 | 129.7 | 0.4 | 47.1 | Peeled | 4182.2 | 12265.7 | 53.9 | <LOD | Unpeeled | 3320.5 | 11428.5 | 53.5 | 81.8 | | | |
| B1 | 104 | SWEDE | 43.2 | 75.3 | 0.2 | 22.8 | Peeled | 2307.6 | 7324.9 | <LOD | <LOD | Unpeeled | 2087.4 | 7365.2 | <LOD | <LOD | | | |
| B1 | 105 | SWEDE | 54.6 | 95.4 | 0.3 | 39.4 | Peeled | 3635.1 | 9052.3 | 64.7 | <LOD | Unpeeled | 2710.2 | 11812.3 | 97.4 | 82.3 | | | |
| B1 | 106 | SWEDE | 74.4 | 115.2 | 0.4 | 67.0 | Peeled | <LOD | 5731.3 | <LOD | <LOD | Unpeeled | 2989.6 | 10510.7 | <LOD | <LOD | | | |
| B2 | 1 | POTATO | 67.4 | 204.9 | 0.5 | 81.2 | Peeled | 4740.7 | 6727.5 | 42.5 | <LOD | Unpeeled | 4606.6 | 7719.2 | 42.7 | 163.6 | | | |
| B2 | 3 | POTATO | 48.9 | 78.9 | 0.3 | 61.5 | Peeled | 6062.8 | 11393.1 | <LOD | <LOD | Unpeeled | 6283.3 | 11907.6 | <LOD | 101.5 | | | |
| B2 | 5 | POTATO | 75.6 | 119.9 | 0.4 | 79.0 | Peeled | 5754.7 | 10624.6 | 83.8 | <LOD | Unpeeled | 4793.7 | 8650.7 | 61.6 | 114.3 | | | |
| B2 | 7 | RASPBERRIES | 46.4 | 138.4 | 0.3 | 54.6 | | 3315.7 | 11132.7 | <LOD | <LOD | | | | | | | | |

| | | | | | | | | | | | | | | | |
|----|----|----------------------|-------|-------|-----|-------|----------|---------|---------|-------|--------|----------|---------|---------|------|
| B2 | 8 | STRAWBERRIES | 46.4 | 138.4 | 0.3 | | <LOD | 8168.9 | <LOD | <LOD | | | | | |
| B2 | 9 | GOOSEBERRIES | 46.4 | 138.4 | 0.3 | | 5302.4 | 9278.1 | <LOD | <LOD | | | | | |
| B2 | 10 | POTATO | 12.3 | 30.7 | 0.2 | 22.8 | Peeled | 1734.0 | 7382.4 | 38.9 | <LOD | Unpeeled | 1599.2 | 7754.3 | 56.3 |
| B2 | 12 | POTATO | 10.5 | 24.7 | 0.2 | 21.7 | Peeled | <LOD | 8627.5 | 76.4 | <LOD | Unpeeled | <LOD | 8516.1 | 91.0 |
| B2 | 14 | CABBAGE, SAVOY | 23.0 | 71.8 | 0.1 | 19.1 | | 1631.3 | 9063.7 | <LOD | <LOD | | | | |
| B2 | 15 | CABBAGE | 74.1 | 166.3 | 0.8 | 47.8 | | 1743.3 | 10782.8 | <LOD | <LOD | | | | |
| B2 | 16 | CABBAGE | 68.6 | 210.3 | 0.5 | 59.2 | | 2701.0 | 16181.2 | <LOD | <LOD | | | | |
| B2 | 17 | BROCCOLI / CALABRESE | 23.6 | 75.3 | 0.2 | 15.3 | | 3961.9 | 33064.5 | 44.4 | 79.7 | | | | |
| B2 | 18 | CAULIFLOWER | 63.9 | 231.7 | 0.6 | 37.5 | | 2290.7 | 16552.5 | 48.3 | 92.0 | | | | |
| B2 | 19 | BROCCOLI / CALABRESE | 123.7 | 306.5 | 0.7 | 50.2 | | 4393.7 | 31430.6 | <LOD | <LOD | | | | |
| B2 | 20 | CAULIFLOWER | 98.8 | 304.9 | 0.9 | 64.5 | | 3040.0 | 25618.7 | 51.5 | 111.5 | | | | |
| B2 | 21 | BROCCOLI / CALABRESE | 206.2 | 474.5 | 1.0 | 61.3 | | 4165.2 | 29525.2 | 44.9 | 277.4 | | | | |
| B3 | 1 | STRAWBERRIES | 121.2 | 260.0 | 0.9 | 79.3 | | <LOD | 10784.5 | 31.9 | <LOD | | | | |
| B3 | 2 | CELERY | 83.7 | 224.7 | 0.9 | 91.6 | | 3053.3 | 15286.3 | 185.6 | 146.1 | | | | |
| B3 | 3 | SQUASH | 94.0 | 232.1 | 0.6 | 60.5 | Peeled | 3425.4 | 19226.8 | <LOD | 135.1 | Unpeeled | 4690.8 | 22267.2 | <LOD |
| B3 | 5 | SQUASH | 94.0 | 232.1 | 0.6 | 60.5 | Peeled | 9310.3 | 35858.2 | <LOD | <LOD | Unpeeled | 6650.7 | 25873.4 | <LOD |
| B3 | 7 | SQUASH | 94.0 | 232.1 | 0.6 | 60.5 | Peeled | 10225.7 | 33607.6 | <LOD | 112.3 | Unpeeled | 8363.2 | 37204.3 | <LOD |
| B3 | 9 | MARROW | 94.0 | 232.1 | 0.6 | 60.5 | Peeled | 5340.6 | 29388.5 | <LOD | 145.3 | Unpeeled | 6391.2 | 26990.6 | <LOD |
| B3 | 12 | CUCUMBER | 94.0 | 232.1 | 0.6 | 60.5 | Unpeeled | 3323.2 | 18665.6 | <LOD | Peeled | 2160.9 | 14680.5 | <LOD | <LOD |
| B3 | 14 | CUCUMBER | 94.0 | 232.1 | 0.6 | 60.5 | Unpeeled | 7010.5 | 34826.0 | 31.1 | 184.2 | Peeled | 5506.8 | 33371.7 | <LOD |
| B3 | 15 | ROMANESQUE | 75.6 | 153.3 | 0.4 | 91.1 | | 7920.9 | 41005.2 | <LOD | <LOD | | | | |
| B3 | 16 | CARROTS | 75.6 | 153.3 | 0.4 | 91.1 | Peeled | 3600.2 | 13359.0 | 32.2 | 163.0 | Unpeeled | 5218.3 | 14415.1 | 47.1 |
| B3 | 18 | BEETROOT | 75.6 | 153.3 | 0.4 | 91.1 | Peeled | 7099.9 | 19756.4 | 47.5 | <LOD | Unpeeled | 8515.0 | 21033.6 | 51.3 |
| B3 | 20 | POTATO | 75.6 | 153.3 | 0.4 | 91.1 | Peeled | 2517.6 | 5481.9 | <LOD | <LOD | Unpeeled | 2798.0 | 6742.4 | <LOD |
| B3 | 22 | RHUBARB | 75.8 | 138.2 | 0.4 | 96.8 | | 2884.0 | 16474.7 | 57.8 | 437.6 | | | | |
| B3 | 24 | APPLES | 98.6 | 184.8 | 0.5 | 58.1 | Unpeeled | 2316.9 | 3088.1 | <LOD | <LOD | Peeled | 1647.7 | 3692.6 | <LOD |
| B3 | 26 | APPLES | 98.6 | 184.8 | 0.5 | 58.1 | Unpeeled | 3247.9 | 3552.5 | <LOD | <LOD | Peeled | 3429.2 | 8835.4 | <LOD |
| B3 | 28 | APPLES | 98.6 | 184.8 | 0.5 | 58.1 | Unpeeled | 1958.4 | 1470.8 | <LOD | <LOD | Peeled | <LOD | 3032.4 | <LOD |
| B3 | 29 | PLUMS | 98.6 | 184.8 | 0.5 | 58.1 | | 4088.0 | 4923.6 | <LOD | <LOD | | | | |
| B3 | 30 | POTATO | 82.6 | 99.0 | 0.7 | 56.1 | Peeled | 10653.1 | 18873.1 | 78.0 | <LOD | Unpeeled | 9137.6 | 14665.3 | 66.7 |
| B3 | 32 | POTATO | 23.6 | 25.8 | 0.3 | 36.8 | Peeled | 2619.1 | 15687.4 | <LOD | <LOD | Unpeeled | 3798.9 | 15403.1 | <LOD |
| B3 | 34 | POTATO | 113.9 | 134.6 | 0.7 | 58.1 | Peeled | 5236.5 | 9198.9 | <LOD | <LOD | Unpeeled | 4835.1 | 7941.0 | <LOD |
| B3 | 36 | POTATO | 37.8 | 129.0 | 0.4 | 55.9 | Peeled | 4757.1 | 11766.1 | 41.8 | <LOD | Unpeeled | 6060.9 | 12854.5 | 60.1 |
| B3 | 38 | POTATO | 176.0 | 259.9 | 2.6 | 101.6 | Peeled | 6974.7 | 15392.0 | 44.1 | <LOD | Unpeeled | 7796.5 | 11599.7 | 67.9 |
| B3 | 40 | POTATO | 70.2 | 95.2 | 0.9 | 49.1 | Peeled | 7364.1 | 13891.9 | 89.7 | <LOD | Unpeeled | 7128.4 | 14449.7 | 86.9 |
| B3 | 42 | CABBAGE, SAVOY | 164.0 | 278.8 | 0.9 | 97.0 | | 3302.3 | 20428.0 | 51.9 | 183.8 | | | | |
| B3 | 43 | CABBAGE | 69.4 | 186.9 | 2.8 | 54.0 | | 3151.9 | 33166.0 | 155.6 | 159.5 | | | | |
| B3 | 44 | CABBAGE, SAVOY | 348.8 | 259.1 | 0.9 | 92.9 | | 11278.4 | 30872.9 | 72.5 | <LOD | | | | |
| B3 | 45 | CABBAGE, SAVOY | 847.4 | 239.2 | 0.5 | 72.8 | | 3375.2 | 17083.6 | 45.3 | 253.1 | | | | |
| B3 | 46 | CABBAGE, SAVOY | 96.6 | 193.2 | 0.4 | 56.3 | | 2519.8 | 18574.2 | 40.6 | <LOD | | | | |
| B3 | 48 | COURGETTE | 101.0 | 191.4 | 0.7 | 45.3 | Unpeeled | 12737.5 | 39867.8 | <LOD | <LOD | Peeled | 15869.3 | 46041.3 | <LOD |
| B3 | 49 | CABBAGE, SAVOY | 109.4 | 243.3 | 0.8 | 77.8 | | 2764.1 | 21074.9 | 64.2 | <LOD | | | | |
| B3 | 50 | GREENS | 55.8 | 181.9 | 0.3 | 51.2 | | 2947.6 | 32587.0 | <LOD | 80.1 | | | | |
| B3 | 51 | CABBAGE, SAVOY | 150.9 | 274.6 | 1.6 | 77.5 | | 3949.2 | 12907.7 | <LOD | <LOD | | | | |
| B3 | 52 | CABBAGE, SAVOY | 130.6 | 220.7 | 0.6 | 64.5 | | 5349.2 | 24229.9 | 40.5 | 79.1 | | | | |
| B3 | 53 | CABBAGE | 86.1 | 178.8 | 0.3 | 55.9 | | 4495.5 | 34766.1 | 56.8 | 233.7 | | | | |
| B3 | 54 | GREENS | 88.4 | 154.9 | 0.4 | 51.0 | | 3206.6 | 26758.6 | 170.2 | 213.2 | | | | |

| | | | | | | | | | | | | | | | | |
|----|----|---------------|-------|-------|-----|-------|----------|---------|---------|-------|--------|----------|---------|---------|-------|-------|
| B3 | 55 | POTATO | 73.1 | 93.8 | 0.8 | 50.7 | Peeled | 8376.4 | 16057.6 | 106.4 | <LOD | Unpeeled | 8221.7 | 16248.3 | 73.5 | 110.5 |
| B3 | 57 | CAULIFLOWER | 73.1 | 93.8 | 0.8 | 50.7 | | 7536.2 | 50558.6 | 74.9 | <LOD | | | | | |
| B3 | 58 | GREENS | 73.1 | 93.8 | 0.8 | 50.7 | | 1746.6 | 31697.7 | 88.2 | <LOD | | | | | |
| B3 | 59 | POTATO | 72.4 | 97.2 | 0.5 | 52.5 | Peeled | 5699.6 | 13618.3 | 32.4 | <LOD | Unpeeled | 5406.5 | 10155.8 | 31.5 | 110.9 |
| B3 | 61 | POTATO | 23.1 | 38.2 | 0.3 | 16.3 | Peeled | <LOD | 10103.7 | <LOD | <LOD | Unpeeled | <LOD | 9037.8 | <LOD | <LOD |
| B3 | 63 | SQUASH | 89.8 | 144.7 | 0.7 | 140.2 | Peeled | 5827.9 | 21236.9 | <LOD | <LOD | Unpeeled | 5844.1 | 20803.7 | <LOD | <LOD |
| B3 | 65 | SQUASH | 89.8 | 144.7 | 0.7 | 140.2 | Peeled | 5950.3 | 21365.9 | <LOD | 75.8 | Unpeeled | 5094.2 | 18995.0 | <LOD | 95.5 |
| B3 | 67 | POTATO | 52.5 | 81.7 | 0.4 | 28.2 | Peeled | 5607.6 | 15703.8 | <LOD | <LOD | Unpeeled | 5186.1 | 10653.5 | <LOD | <LOD |
| B3 | 69 | POTATO | 95.0 | 282.1 | 0.9 | 39.5 | Peeled | 1942.6 | 3734.3 | <LOD | <LOD | Unpeeled | 1794.8 | 3418.5 | <LOD | <LOD |
| B3 | 71 | TOMATO | 73.3 | 180.5 | 0.4 | 85.9 | | 6478.3 | 17686.4 | 59.1 | <LOD | | | | | |
| B3 | 72 | RUNNER BEAN | 73.3 | 180.5 | 0.4 | 85.9 | | 8724.1 | 57932.7 | 57.0 | 694.2 | | | | | |
| B3 | 73 | SQUASH | 73.3 | 180.5 | 0.4 | 85.9 | Peeled | 8584.4 | 58838.0 | <LOD | 116.9 | Unpeeled | 15254.1 | 59617.2 | <LOD | <LOD |
| B3 | 76 | APPLES | 73.3 | 180.5 | 0.4 | 85.9 | Unpeeled | 2248.1 | 7234.7 | <LOD | <LOD | Peeled | 3052.5 | 16533.8 | <LOD | <LOD |
| B3 | 77 | POTATO | 73.3 | 180.5 | 0.4 | 85.9 | Peeled | 3433.9 | 12180.8 | 52.2 | <LOD | Unpeeled | 2870.6 | 7956.5 | 36.3 | 128.8 |
| B3 | 79 | CARROTS | 73.3 | 180.5 | 0.4 | 85.9 | Peeled | 2157.7 | 27289.5 | 193.5 | 454.7 | Unpeeled | 3003.5 | 22829.6 | 282.7 | 358.3 |
| B3 | 81 | POTATO | 40.1 | 135.4 | 0.4 | 57.2 | Peeled | 4691.6 | 10965.8 | <LOD | <LOD | Unpeeled | 5535.9 | 10163.9 | 31.2 | 149.6 |
| B3 | 83 | CAULIFLOWER | 54.6 | 95.4 | 0.3 | 39.4 | | 4771.2 | 34476.8 | 110.9 | <LOD | | | | | |
| B3 | 84 | KALE, CURLY | 54.6 | 95.4 | 0.3 | 39.4 | | 3909.7 | 20247.7 | 108.9 | 279.2 | | | | | |
| B3 | 85 | KALE, PURPLE | 54.6 | 95.4 | 0.3 | 39.4 | | 8206.8 | 56116.2 | 103.0 | 214.0 | | | | | |
| AM | 33 | POTATO, NEW | 30.0 | 117.0 | 0.1 | 57.1 | | | | | | Unpeeled | 10176.7 | 20136.9 | <LOD | 65.0 |
| AM | 34 | BROAD BEANS | 30.0 | 117.0 | 0.1 | 57.1 | | 15737.4 | 54384.1 | <LOD | <LOD | | | | | |
| AM | 35 | GOOSEBERRIES | 30.0 | 117.0 | 0.1 | 57.1 | | 9702.8 | 10122.4 | <LOD | <LOD | | | | | |
| AM | 36 | RHUBARB | 30.0 | 117.0 | 0.1 | 57.1 | | 6533.4 | 30070.7 | <LOD | 453.7 | | | | | |
| AM | 37 | STRAWBERRIES | 30.0 | 117.0 | 0.1 | 57.1 | | 6087.8 | 12858.5 | <LOD | <LOD | | | | | |
| AM | 38 | REDCURRANTS | 30.0 | 117.0 | 0.1 | 57.1 | | 6630.4 | 13696.6 | <LOD | <LOD | | | | | |
| AM | 39 | RASPBERRIES | 30.0 | 117.0 | 0.1 | 57.1 | | 2249.6 | 25319.6 | <LOD | <LOD | | | | | |
| AM | 40 | BLUEBERRIES | 30.0 | 117.0 | 0.1 | 57.1 | | 5055.6 | 15771.8 | <LOD | <LOD | | | | | |
| AM | 41 | BLACKCURRANTS | 30.0 | 117.0 | 0.1 | 57.1 | | 7974.9 | 18356.3 | <LOD | <LOD | | | | | |
| AM | 43 | CAULIFLOWER | 57.1 | 90.7 | 0.2 | 42.5 | | 4404.5 | 44341.5 | 109.2 | 125.9 | | | | | |
| AM | 44 | STRAWBERRIES | 57.1 | 90.7 | 0.2 | 42.5 | | <LOD | 10487.1 | <LOD | <LOD | | | | | |
| AM | 45 | POTATO | 57.1 | 90.7 | 0.2 | 42.5 | Peeled | 5348.4 | 9550.6 | <LOD | <LOD | | | | | |
| AM | 46 | LEEK'S | 57.1 | 90.7 | 0.2 | 42.5 | | 4081.4 | 7449.3 | 30.8 | <LOD | | | | | |
| AM | 47 | GREENS | 57.1 | 90.7 | 0.2 | 42.5 | | <LOD | 16858.4 | 41.9 | 87.6 | | | | | |
| AM | 48 | STRAWBERRIES | 88.4 | 97.2 | 0.5 | 48.2 | | 6031.8 | 6490.2 | <LOD | <LOD | | | | | |
| AM | 61 | STRAWBERRIES | 73.0 | 233.8 | 0.8 | 40.8 | | <LOD | 10542.7 | <LOD | <LOD | | | | | |
| AM | 14 | STRAWBERRIES | 38.6 | 121.7 | 0.2 | 62.6 | | 4945.8 | 9508.0 | <LOD | <LOD | | | | | |
| AM | 15 | RHUBARB | 48.0 | 173.4 | 0.6 | 53.6 | | 5919.6 | 26718.8 | 57.9 | 345.8 | | | | | |
| AM | 16 | STRAWBERRIES | 108.1 | 155.8 | 0.4 | 214.0 | | 4496.7 | 10610.4 | <LOD | <LOD | | | | | |
| AM | 24 | SAMPHIRE | 217.5 | 579.5 | 1.2 | 916.0 | | 21255.2 | 68627.8 | 99.0 | 6613.8 | | | | | |