

**PILOT PROJECT ON THE INTERIM MRL: STUDY SUMMARIES AND DIETARY  
INTAKE CALCULATIONS FOR BIFENAZATE, FLUDIOXONIL AND  
TRIFLOXYSTROBIN**

**Prepared by the United States of America**

### **Introduction**

This CRD 4 to CX/PR 04/12 (Agenda Item 11) is a compilation of the study summaries and dietary intake calculations provided by the respective manufacturers of bifenazate (Appendix I), fludioxonil (Appendix II), and trifloxystrobin (Appendix III) in support of the Pilot Project on the Interim MRL. Due to very large size, the above Appendices will be available in hard format only at the meeting.

The materials were submitted to the US Delegation to Codex, as leader of the Pilot Project group. The materials have been collated. Editing was conducted only to bring proposed MRLs into the Codex Classification. For example, proposals for “wheat grain group” were removed (“wheat” retained) and proposals for “meat” were changed to “meat (fat)” where appropriate.

In some cases, manufacturers proposed MRLs for processed commodities that may or may not be appropriate, depending on CCPR decisions on the MRL-setting process.

The US hazard assessments and/or dietary intake assessments for each of the three pesticides have been appended by the US Delegation for consideration by the CCPR. It should be noted that the US analyses are specific for that country’s use patterns, which may not be identical to those encompassed by the interim MRLs.

Because of the late submission date, on or about March 1, the materials have not been circulated to the other members of the Pilot Project group.

There are three sections, one each for bifenazate, fludioxonil, and trifloxystrobin. For each pesticide nominee, ten specific items were addressed as detailed in CX/PR 03/14, Agenda Item 11 of the 35<sup>th</sup> (2003) CCPR. These ten items are:

1. *Pesticide Information for CCPR Working Group on Priorities*, the nomination form used in the standard nomination process.
2. Summary toxicology information.
3. Proposed Interim MRLs
4. Summary residue information used as a basis for the MRLs
5. Summary GAP information.
6. Residue definitions
7. Summary description of the enforcement analytical method(s).
8. Dietary intake exposure analyses, per the national government.
9. Dietary intake exposure analyses, per the JMPR methodology.
10. Rationale for a safer replacement designation.

The following table summarizes the Interim MRLs, as proposed by the manufacturers.

## SUMMARY OF MRLS PROPOSED FOR THE PILOT INTERIM MRL PROJECT

### BIFENAZATE

| Commodity           | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL | Use Pattern |
|---------------------|----------------------|----------------------------|-------------------------------------|-------------|
| Fruit               |                      |                            |                                     |             |
| Citrus Fruits Group | FC 0001              | 0.5                        | EU trials                           | Foliar      |
| Pome Fruits (Group) | FP 0009              | 1                          | US                                  | Foliar      |
| Apple Juice         | JF 0026              | 1                          | -                                   |             |
| Apple Wet Pomace    |                      | 2                          | -                                   |             |
| Peach               | FS 0247              | 2                          | Chile                               | Foliar      |
| Nectarine           | FS 0245              |                            | US                                  |             |
| Plums               | FS 0014              | 0.3                        | Chile<br>US                         | Foliar      |
| Prunes              | DF 0014              | 0.1                        |                                     |             |
| Apricot             | FS 0240              | 2                          | US trials                           | Foliar      |
| Cherry              | FS 0013              | 3                          | US trials                           | Foliar      |
| Grapes              | FB 0269              | 1                          | US                                  | Foliar      |
| Raisin              | DF 0269              | 2                          |                                     |             |
| Strawberry          | FB 0275              | 2                          | US                                  | Foliar      |
| Vegetables          |                      |                            |                                     |             |
| Cucumber            | VC 0424              | 0.5                        | US                                  | Foliar      |
| Squash              | VC 0431              | 0.5                        | US                                  | Foliar      |
| Melons              | VC 0046              |                            | US                                  | Foliar      |
| Cantaloupe          | VC 4199              | 0.2                        |                                     |             |
| Watermelon          | VC 0432              | 0.2                        | US                                  | Foliar      |
| Pepper              | VO 0051              | 2                          | US                                  | Foliar      |
| Chili pepper        | VO 0444              |                            |                                     |             |
| Okra                | VO 0442              | 2                          | US                                  | Foliar      |
| Tomato              | VO 0448              | 1                          | US                                  | Foliar      |
| Eggplant            | VO 0440              | 2                          | US                                  | Foliar      |
| Oilseeds            |                      |                            |                                     |             |
| Cottonseed          | SO 0691              | 0.5                        | US                                  | Foliar      |
| Cottonseed oil      | OC 0691              | 0.01                       |                                     |             |
| Tree Nuts           |                      |                            |                                     |             |
| Tree Nuts (Group)   | TN 0085              | 0.2                        | US                                  | Foliar      |
| Other               |                      |                            |                                     |             |
| Tea                 | DT 1114              | 2.0                        | JPN                                 | Foliar      |
| Mint top            | HH 0738              | 25                         | US                                  | Foliar      |
| Mint oil            |                      | 2                          | US                                  | Foliar      |
| Hops                | DH 1100              | 15                         | US                                  | Foliar      |
| Animal Commodities  |                      |                            |                                     |             |

| Commodity                                     | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL | Use Pattern |
|-----------------------------------------------|----------------------|----------------------------|-------------------------------------|-------------|
| Meat (from mammals other than marine animals) | MM 095               | 0.1 (fat)                  |                                     |             |
| Edible offal, mammalian                       | MO 0105              | 0.02                       |                                     |             |
| Milks                                         | ML 0106              | 0.01 (*)                   |                                     |             |

## FLUDIOXONIL

| Commodity                                                | CODEX Classification        | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL <sup>1</sup>              | Use Pattern |
|----------------------------------------------------------|-----------------------------|----------------------------|---------------------------------------------------------------|-------------|
|                                                          |                             | Fruit                      |                                                               |             |
| Citrus                                                   | FC1                         | 10                         | US<br>Trials                                                  | Postharvest |
| Apple <b>OR</b> pome fruit                               | FP 226                      | 5                          | US<br>Trials                                                  | Postharvest |
| Pear <b>OR</b> pome fruit                                | FP230                       | 5                          | US<br>Trials                                                  | Postharvest |
| Pome fruit group                                         | FP 9                        | 5                          | US<br>Trials                                                  | Postharvest |
| Cherry <b>OR</b> stone fruit                             | FS13                        | 5                          | US                                                            | Postharvest |
| Peach (with nectarine and apricot) <b>OR</b> stone fruit | FS247                       | 5                          | US                                                            | Postharvest |
| Plum <b>OR</b> stone fruit                               | FS14                        | 5                          | US                                                            | Postharvest |
| Stone fruit group                                        | FS12                        | 5                          | US                                                            | Postharvest |
| Grapes                                                   | FB 269                      | 3                          | Germany<br>Austria<br>Chile<br>SA<br>Spain<br>Greece<br>Italy | Foliar      |
| Strawberry                                               | FB275                       | 3                          | France<br>Spain<br>Switzerland<br>UK<br>US                    | Foliar      |
| Raspberry and blackberry                                 | FB272/FB264                 | 5                          | US                                                            | Foliar      |
| Blueberries/currants                                     | FB20/FB21                   | 2                          | US                                                            | Foliar      |
| Lychee                                                   | FI343                       | 5                          | US                                                            | Foliar      |
| Longan, pulasan, rambutan, Spanish lime                  | FI342/FI357/<br>FI358/FI366 | 5                          | US                                                            | Foliar      |
| Kiwifruit                                                | FI341                       | 20                         | US                                                            | Postharvest |

| Commodity                      | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL <sup>1</sup> | Use Pattern     |
|--------------------------------|----------------------|----------------------------|--------------------------------------------------|-----------------|
| Pomegranate                    | FI355                | 3                          | US<br>Trials                                     | Postharvest     |
| Vegetables                     |                      |                            |                                                  |                 |
| Onion, bulb                    | VA385                | 0.2                        | US                                               | Foliar          |
| Lettuce, head                  | VL482                | 10                         | France<br>Germany<br>Italy                       | Foliar          |
| Legume pods and immature seed  | VP61                 | 0.3                        | France<br>Spain<br>Switzerland                   | Foliar          |
| Fresh legume seed without pod  | VP62/<br>VP64        | 0.05                       | France<br>Spain<br>Switzerland                   | Foliar          |
| Dry pea and bean seed (pulses) | VD70                 | 0.1                        | France                                           | Foliar          |
| Cabbage                        | VB41                 | 2                          | US                                               | Foliar          |
| Broccoli                       | VB400                | 2                          | Canada<br>US                                     | Foliar          |
| Tomato                         | VO448                | 1                          | Greece<br>Italy<br>Spain<br>Switzerland<br>UK    | Foliar          |
| Pepper, sweet                  | VO445                | 1                          | Spain<br>Switzerland                             | Foliar          |
| Eggplant                       | VO440                | 1                          | Italy<br>Spain                                   | Foliar          |
| Cucumber                       | VC424                | 1                          | Greece<br>Spain                                  | Foliar          |
| Squash, summer                 | VC431                | 1                          | Italy                                            | Foliar          |
| Cantaloupe                     | VC46                 | 0.07                       | US<br>Trials                                     | Drip irrigation |
| Potato                         | VR589                | 0.05                       | US                                               | Seed            |
| Yam                            | VR600                | 15                         | US<br>Trials                                     | Postharvest     |
| Carrot                         | VR577                | 1                          | US                                               | Foliar          |

| Commodity                       | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL <sup>1</sup> | Use Pattern |
|---------------------------------|----------------------|----------------------------|--------------------------------------------------|-------------|
| Asparagus                       | VS621                | 0.02                       | Germany                                          | Foliar      |
| Watercress                      | VL473                | 10                         | US                                               | Foliar      |
| Mustard greens                  | VL485                | 20                         | US                                               | Foliar      |
| Herbs (fresh)                   |                      | 10                         |                                                  |             |
| Herbs (dry)                     | HH726                | 65                         | US                                               | Foliar      |
| Oilseeds                        |                      |                            |                                                  |             |
| Rape seed                       | SO495                | 0.02                       | France                                           | Seed        |
| Cotton seed                     | SO691                | 0.05                       |                                                  | Seed        |
| Sunflower seed                  | SO702                | 0.02                       |                                                  | Seed        |
| Soya                            | SO4723               | 0.02                       |                                                  | Seed        |
| Treenuts                        |                      |                            |                                                  |             |
| Pistachio                       | TN675                | 0.2                        | US                                               | Foliar      |
| Cereals                         |                      |                            |                                                  |             |
| Wheat                           | GC654                | 0.05                       | France<br>Germany<br>Switzerland                 | Seed        |
| Rye                             | GC650                | 0.05                       | Denmark                                          | Seed        |
| Spelt                           | GC4673               | 0.05                       |                                                  | Seed        |
| Triticale                       | GC653                | 0.05                       |                                                  | Seed        |
| Barley                          | GC640                | 0.05                       | France<br>Germany<br>Switzerland                 | Seed        |
| Oats                            | GC647                | 0.05                       | France<br>Germany<br>Switzerland                 | Seed        |
| Maize                           | GC645                | 0.05                       | France<br>Germany<br>Italy<br>US                 | Seed        |
| Sweet corn                      | VO1275               | 0.05                       |                                                  | Seed        |
| Popcorn                         | GC656                | 0.05                       |                                                  | Seed        |
| Sorghum                         | GC651                | 0.05                       |                                                  | Seed        |
| Animal Commodities <sup>2</sup> |                      |                            |                                                  |             |
| Meat                            | MM96                 | 0.01 (*)                   |                                                  |             |
| Milk                            | ML107                | 0.01 (*)                   |                                                  |             |
| Edible offal                    | MO96                 | 0.05 (*)                   |                                                  |             |

| Commodity    | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL <sup>1</sup> | Use Pattern |
|--------------|----------------------|----------------------------|--------------------------------------------------|-------------|
| Poultry meat | PM110                | 0.01 (*)                   |                                                  |             |
| Eggs         | PE840                | 0.05 (*)                   |                                                  |             |

<sup>1</sup>"Trials" after the country entry indicates that the MRL is not finalized in that country.

<sup>2</sup>Residues are not anticipated in animal commodities.

## TRIFLOXYSTROBIN

| Commodity <sup>1</sup> | CODEX Classification | Proposed CODEX MRL (mg/kg) | Country Source of Field Trials/ MRL                                          | Use Pattern |
|------------------------|----------------------|----------------------------|------------------------------------------------------------------------------|-------------|
| Barley                 | GC 0640              | 0.5                        | Denmark<br>France<br>Germany<br>UK                                           | Foliar      |
| Grapes                 | FB 0269              | 3.0                        | Australia<br>Canada<br>France<br>Germany<br>SA<br>Spain<br>Switzerland<br>US | Foliar      |
| Pome fruit             | FP 0009              | 1.0                        | France<br>Germany<br>Switzerland<br>US                                       | Foliar      |

<sup>1</sup> Residues are not anticipated in animal commodities.

The following dietary intake analyses, using the JMPR methodology, were performed by the manufacturers. Within the document for each pesticide is a detailed derivation of the ADI and acute reference dose, if appropriate.



| <b>BIFENAZATE WORLD-WIDE DIETARY INTAKE EXPOSURE (TMDI)</b> |                                                             |                                    |                  |                     |                  |                     |                  |                     |                  |                     |                  |                     |
|-------------------------------------------------------------|-------------------------------------------------------------|------------------------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|------------------|---------------------|
| CODEX CODE                                                  | COMMODITY                                                   | HR/<br>MRL<br>mg/kg <sup>(1)</sup> | MIDDLE EAST      |                     | FAR EAST         |                     | AFRICA           |                     | LATIN AMERICA    |                     | EUROPE           |                     |
|                                                             |                                                             |                                    | DIET<br>g/pers/d | INTAKE<br>µg/pers/d | DIET<br>g/pers/d | INTAKE<br>µg/pers/d | DIET<br>g/pers/d | INTAKE<br>µg/pers/d | DIET<br>g/pers/d | INTAKE<br>µg/pers/d | DIET<br>g/pers/d | INTAKE<br>µg/pers/d |
| <b>FC 0001</b>                                              | <b><u>CITRUS FRUITS</u></b> <sup>(2)</sup>                  | 0.50                               | 47.10            | 23.55               | 6.30             | 3.15                | 5.10             | 2.55                | 54.60            | 27.30               | 44.60            | 22.30               |
| FC 0004                                                     | Orange                                                      |                                    | 31.50            |                     | 4.00             |                     | 4.80             |                     | 31.00            |                     | 29.80            |                     |
| FC 0206                                                     | Mandarin                                                    |                                    | 8.80             |                     | 0.20             |                     | 0.00             |                     | 6.30             |                     | 6.00             |                     |
| <b>FP 0009</b>                                              | <b><u>POME FRUITS</u></b> <sup>(2)</sup>                    | 1.00                               | 10.80            | 10.80               | 7.50             | 7.50                | 0.30             | 0.30                | 6.50             | 6.50                | 51.30            | 51.30               |
| FP 0226                                                     | Apple                                                       | 1.00                               | 7.50             |                     | 4.70             |                     | 0.30             |                     | 5.50             |                     | 40.00            |                     |
| FP 0230                                                     | Pears                                                       | 1.00                               | 3.30             |                     | 2.80             |                     | 0.00             |                     | 1.00             |                     | 11.30            |                     |
| JF 0226                                                     | Apple juice                                                 | 1.00                               | 4.50             | 4.50                | 0.00             | 0.00                | 0.00             | 0.00                | 0.30             | 0.30                | 3.80             | 3.80                |
| <b>FS 0012</b>                                              | <b><u>STONE FRUITS</u></b>                                  |                                    | 7.30             |                     | 1.00             |                     | 0.00             |                     | 0.80             |                     | 23.30            |                     |
| FS 0247                                                     | Peaches                                                     | 2.0                                | 1.30             | 2.6                 | 0.30             | 0.60                | 0.00             | 0.00                | 0.40             | 0.80                | 6.30             | 12.6                |
| FS 0245                                                     | Nectarine                                                   | 2.0                                | 1.30             | 2.6                 | 0.30             | 0.60                | 0.00             | 0.00                | 0.40             | 0.80                | 6.30             | 12.6                |
| FS 0014                                                     | Plums                                                       | 0.30                               | 1.80             | 0.54                | 0.50             | 0.15                | 0.00             | 0.00                | 0.00             | 0.00                | 3.80             | 1.14                |
|                                                             | Prunes                                                      | 0.10                               | 0.00             |                     | 0.00             |                     | 0.00             |                     | 0.00             |                     | 0.00             |                     |
| FS 0013                                                     | Cherry                                                      | 3.0                                | 0.00             | 0.00                | 0.00             | 0.00                | 0.00             | 0.00                | 0.00             | 0.00                | 3.00             | 9.0                 |
| <b>FB 0018</b>                                              | <b><u>BERRIES AND OTHER<br/>SMALL FRUITS</u></b>            |                                    | 16.00            |                     | 1.00             |                     | 0.00             |                     | 1.60             |                     | 23.50            |                     |
| FB 0269                                                     | Grapes                                                      | 1.00                               | 15.80            | 15.80               | 1.00             | 1.00                | 0.00             | 0.00                | 1.30             | 1.30                | 13.80            | 13.80               |
| DF 0269                                                     | Raisins                                                     | 2.0                                | 0.30             | 0.60                | 0.00             | 0.00                | 0.00             | 0.00                | 0.30             | 0.60                | 2.30             | 4.6                 |
| FB 0275                                                     | Strawberry                                                  | 2.0                                | 0.00             | 0.00                | 0.00             | 0.00                | 0.00             | 0.00                | 0.00             | 0.00                | 5.30             | 10.6                |
| <b>VC 0045</b>                                              | <b><u>FRUITING VEGETABLES,<br/>CUCURBITS</u></b>            |                                    | 80.50            |                     | 18.20            |                     | 0.00             |                     | 30.50            |                     | 38.50            |                     |
| VC 0424                                                     | Cucumbers,                                                  | 0.50                               | 2.40             | 1.20                | 2.30             | 1.15                | 0.00             | 0.00                | 4.20             | 2.10                | 4.50             | 2.25                |
| VC 0046                                                     | Melon                                                       | 0.20                               | 16.00            | 3.20                | 2.00             | 0.40                | 0.00             | 0.00                | 2.80             | 0.56                | 18.30            | 3.66                |
| VC 0432                                                     | Watermelon                                                  | 0.20                               | 49.30            | 9.86                | 9.50             | 1.90                | 0.00             | 0.00                | 5.50             | 1.10                | 7.80             | 1.56                |
| <b>VO 0050</b>                                              | <b><u>FRUITING<br/>VEGETABLES<br/>OTHER THAN CUCRB.</u></b> |                                    | 92.3             |                     | 12.6             |                     | 27.0             |                     | 33.9             |                     | 91.6             |                     |

|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
|--------------------------------------------------------------|--------------------------------------------|-------|-------|--------------|-------|--------------|-------|--------------|--------|--------------|--------|--------------|
| VO 0442                                                      | Okra                                       | 2.00  | 0.80  | 1.60         | 0.00  | 0.00         | 0.00  | 0.00         | 0.00   | 0.00         | 0.00   | 0.00         |
| VO 0051                                                      | Pepper                                     | 2.00  | 3.40  | 6.80         | 2.10  | 4.20         | 5.40  | 10.80        | 2.40   | 4.80         | 10.40  | 20.80        |
| VO 0448                                                      | Tomato                                     | 1.00  | 44.10 | 44.10        | 5.70  | 5.70         | 14.60 | 14.60        | 25.50  | 25.50        | 34.90  | 34.90        |
| VO 0440                                                      | Egg plant                                  | 2.00  | 6.30  | 12.60        | 3.00  | 6.00         | 0.70  | 1.40         | 6.00   | 12.00        | 2.30   | 4.60         |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
| <b>SO 0088</b>                                               | <b>OIL SEED</b>                            |       | 5.40  |              | 1.40  |              | 5.40  |              | 0.80   |              | 6.10   |              |
| SO 0691                                                      | Cotton seed                                | 0.50  | 0.00  | 0.00         | 0.00  | 0.00         | 0.00  | 0.00         | 0.00   | 0.00         | 0.00   | 0.00         |
| OR 0691                                                      | Cotton seed oil, edible                    | 0.01  | 3.80  | 0.04         | 0.50  | 0.01         | 0.50  | 0.01         | 0.50   | 0.01         | 0.00   | 0.00         |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
| <b>TN 0085</b>                                               | <b>TREE NUTS</b>                           |       | 1.10  |              | 13.50 |              | 4.50  |              | 17.80  |              | 4.60   |              |
| TN 0660                                                      | Almond                                     | 0.20  | 0.50  | 0.10         | 0.00  | 0.00         | 0.00  | 0.00         | 0.10   | 0.02         | 1.80   | 0.36         |
| TN 0675                                                      | Pistachio, nut                             | 0.20  | 0.30  | 0.06         | 0.00  | 0.00         | 0.00  | 0.00         | 0.00   | 0.00         | 0.00   | 0.00         |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
| <b>DH 0170</b>                                               | <b>DRIED HERBS</b>                         |       |       |              |       |              |       |              |        |              |        |              |
| DH 1100                                                      | Hops, dried                                | 15.00 | 0.10  | 1.50         | 0.10  | 1.50         | 0.10  | 1.50         | 0.10   | 1.50         | 0.10   | 1.50         |
| DT 0171                                                      | Tea                                        | 2.00  | 2.30  | 4.60         | 1.20  | 2.40         | 0.50  | 1.00         | 0.50   | 1.00         | 2.30   | 4.60         |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
| <b>HH 0720</b>                                               | <b>HERBS</b>                               |       |       |              |       |              |       |              |        |              |        |              |
| HH 0738                                                      | Mint                                       | 25.00 | ND    |              | ND    |              | ND    |              | ND     |              | ND     |              |
|                                                              | Mint oil                                   | 2.00  |       |              |       |              |       |              |        |              |        |              |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
|                                                              | <b>ANIMAL PRODUCTS</b>                     |       |       |              |       |              |       |              |        |              |        |              |
| MM 095                                                       | Meat, mammalian<br>(assume 100% fat value) | 0.1   | 14.60 | 1.46         | 2.70  | 0.27         | 10.40 | 1.04         | 30.00  | 3.00         | 63.30  | 6.33         |
| MO 0105                                                      | Edible offal, mammalian                    | 0.02  | 2.50  | 0.05         | 0.30  | 0.01         | 1.80  | 0.04         | 5.00   | 0.10         | 6.00   | 0.12         |
| ML 0106                                                      | Milks                                      | 0.01  | 79.50 | 0.795        | 23.20 | 0.232        | 35.80 | 0.358        | 159.30 | 1.59         | 287.00 | 2.87         |
|                                                              |                                            |       |       |              |       |              |       |              |        |              |        |              |
| TOTAL DIETARY EXPOSURE: $\mu\text{g/person/d.}$              |                                            |       |       | <b>149</b>   |       | <b>36.8</b>  |       | <b>33.6</b>  |        | <b>90.9</b>  |        | <b>225</b>   |
| % of Dietary Exposure of ADI (700 $\mu\text{g/person/day}$ ) |                                            |       |       | <b>21.3%</b> |       | <b>5.25%</b> |       | <b>4.80%</b> |        | <b>13.0%</b> |        | <b>32.3%</b> |

1- The highest residue (HR) was used to derive the proposed MRL

2- When group MRL was used, the calculation of the intake was restricted to the group diet only

**Fludioxonil - International Estimated Daily Intake (IEDI). ADI = 0.33 mg/kg body weight/day. Body weight = 60 kg.**

| Code   | Commodity                             | STMR or STMR-P<br>mg/kg | Diets: g/person/day. Intake = daily intake: mg/person |        |                         |        |                       |        |                              |        |                       |        |
|--------|---------------------------------------|-------------------------|-------------------------------------------------------|--------|-------------------------|--------|-----------------------|--------|------------------------------|--------|-----------------------|--------|
|        |                                       |                         | Middle-East<br>Diet Intake                            |        | Far-East<br>Diet Intake |        | Africa<br>Diet Intake |        | Latin America<br>Diet Intake |        | Europe<br>Diet Intake |        |
| VS 621 | Asparagus                             | 0.02                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 1.5                   | 0.0000 |
| GC 640 | Barley                                | 0.02                    | 1                                                     | 0.0000 | 3.5                     | 0.0001 | 1.8                   | 0.0000 | 6.5                          | 0.0001 | 19.8                  | 0.0004 |
| VP 526 | Beans Green (Common) <sup>1</sup>     | 0.06                    | 3.5                                                   | 0.0002 | 0.8                     | 0.0000 | 0                     | 0.0000 | 4                            | 0.0002 | 12                    | 0.0007 |
| FB 18  | Berries & Other Small Fruit           | 0.63                    | 16                                                    | 0.0101 | 1                       | 0.0006 | 0                     | 0.0000 | 1.6                          | 0.0010 | 23.5                  | 0.0148 |
| VB 400 | Broccoli                              | 0.25                    | 0.5                                                   | 0.0001 | 1                       | 0.0003 | 0                     | 0.0000 | 1.1                          | 0.0003 | 2.7                   | 0.0007 |
| VB 41  | Cabbages                              | 0.24                    | 5                                                     | 0.0012 | 9.7                     | 0.0023 | 0                     | 0.0000 | 10.5                         | 0.0025 | 26.8                  | 0.0064 |
| VR 577 | Carrots                               | 0.21                    | 2.8                                                   | 0.0006 | 2.5                     | 0.0005 | 0                     | 0.0000 | 6.3                          | 0.0013 | 22                    | 0.0046 |
| FC 1   | Citrus Fruits                         | 3.7                     | 47.1                                                  | 0.1743 | 6.3                     | 0.0233 | 5.1                   | 0.0189 | 54.6                         | 0.2020 | 44.6                  | 0.1650 |
| VC 424 | Cucumbers And Gherkins                | 0.09                    | 4.8                                                   | 0.0004 | 4.5                     | 0.0004 | 0                     | 0.0000 | 8.3                          | 0.0007 | 9                     | 0.0008 |
| MO 105 | Edible Offal (Mammalian)              | 0.05                    | 4.2                                                   | 0.0002 | 1.4                     | 0.0001 | 2.8                   | 0.0001 | 6.1                          | 0.0003 | 12.4                  | 0.0006 |
| VO 440 | Eggplants                             | 0.13                    | 6.3                                                   | 0.0008 | 3                       | 0.0004 | 0.7                   | 0.0001 | 6                            | 0.0008 | 2.3                   | 0.0003 |
| PE 112 | Eggs                                  | 0.05                    | 14.6                                                  | 0.0007 | 13.1                    | 0.0007 | 3.7                   | 0.0002 | 11.9                         | 0.0006 | 37.6                  | 0.0019 |
|        | Fruit Tropical Fresh NES <sup>2</sup> | 1                       | 0                                                     | 0.0000 | 19.3                    | 0.0193 | 1                     | 0.0010 | 15                           | 0.0150 | 5                     | 0.0050 |
| FB 269 | Grapes                                | 0.37                    | 15.8                                                  | 0.0058 | 1                       | 0.0004 | 0                     | 0.0000 | 1.3                          | 0.0005 | 13.8                  | 0.0051 |
| DF 269 | Grapes Dried (Raisins)                | 0.38                    | 0.3                                                   | 0.0001 | 0                       | 0.0000 | 0                     | 0.0000 | 0.3                          | 0.0001 | 2.3                   | 0.0009 |
| Fl 341 | Kiwi                                  | 7.2                     | 0                                                     | 0.0000 | 0                       | 0.0000 | 1.9                   | 0.0137 | 0.1                          | 0.0007 | 1.5                   | 0.0108 |
| VL 482 | Lettuce                               | 2.7                     | 2.3                                                   | 0.0062 | 0                       | 0.0000 | 0                     | 0.0000 | 5.8                          | 0.0157 | 22.5                  | 0.0608 |
| GC 645 | Maize                                 | 0.02                    | 48.3                                                  | 0.0010 | 31.2                    | 0.0006 | 106.2                 | 0.0021 | 41.8                         | 0.0008 | 8.8                   | 0.0002 |
| MM 95  | Meat (Mammalian)                      | 0.01                    | 37                                                    | 0.0004 | 32.8                    | 0.0003 | 23.8                  | 0.0002 | 47                           | 0.0005 | 155.5                 | 0.0016 |
| VC 46  | Melons (Except Watermelon)            | 0.02                    | 16                                                    | 0.0003 | 2                       | 0.0000 | 0                     | 0.0000 | 2.8                          | 0.0001 | 18.3                  | 0.0004 |
| AO3 1  | Milk products <sup>3</sup>            | 0.01                    | 15.5                                                  | 0.0002 | 0.7                     | 0.0000 | 0.4                   | 0.0000 | 7.8                          | 0.0001 | 46.8                  | 0.0005 |
| ML 106 | Milks                                 | 0.01                    | 116.9                                                 | 0.0012 | 32.1                    | 0.0003 | 41.8                  | 0.0004 | 160.1                        | 0.0016 | 298.3                 | 0.0030 |
| VL 485 | Mustard Greens                        | 1.2                     | 0.1                                                   | 0.0001 | 0.1                     | 0.0001 | 0.1                   | 0.0001 | 0.1                          | 0.0001 | 0.1                   | 0.0001 |
| GC 647 | Oats                                  | 0.02                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 0.2                   | 0.0000 | 0.8                          | 0.0000 | 2                     | 0.0000 |
| OR 691 | Oil Of Cotton Seed                    | 0.05                    | 3.8                                                   | 0.0002 | 0.5                     | 0.0000 | 0.5                   | 0.0000 | 0.5                          | 0.0000 | 0                     | 0.0000 |
| OR 645 | Oil Of Maize                          | 0.02                    | 1.8                                                   | 0.0000 | 0                       | 0.0000 | 0.3                   | 0.0000 | 0.5                          | 0.0000 | 1.3                   | 0.0000 |
| OR 495 | Oil Of Rapeseed Edible                | 0.02                    | 4.5                                                   | 0.0001 | 2.7                     | 0.0001 | 0                     | 0.0000 | 0.3                          | 0.0000 | 7.3                   | 0.0001 |
| OR 541 | Oil Of Soya Beans                     | 0.02                    | 1.3                                                   | 0.0000 | 1.7                     | 0.0000 | 3                     | 0.0001 | 14.5                         | 0.0003 | 4.3                   | 0.0001 |
| OR 702 | Oil Of Sunflower Seed                 | 0.02                    | 9.3                                                   | 0.0002 | 0.5                     | 0.0000 | 0.3                   | 0.0000 | 0.8                          | 0.0000 | 8.5                   | 0.0002 |
| VA 385 | Onion, Bulb                           | 0.03                    | 23                                                    | 0.0007 | 11.5                    | 0.0003 | 7.3                   | 0.0002 | 13.8                         | 0.0004 | 27.8                  | 0.0008 |
| HH 740 | Parsley                               | 2.8                     | 0.1                                                   | 0.0003 | 0.1                     | 0.0003 | 0.1                   | 0.0003 | 0.1                          | 0.0003 | 0.1                   | 0.0003 |
| VP 63  | Peas Green (pods residue)             | 0.06                    | 5.5                                                   | 0.0003 | 2                       | 0.0001 | 0                     | 0.0000 | 0.8                          | 0.0000 | 14                    | 0.0008 |

| Code     | Commodity                    | STMR or STMR-P<br>mg/kg | Diets: g/person/day. Intake = daily intake: mg/person |        |                         |        |                       |        |                              |        |                       |        |
|----------|------------------------------|-------------------------|-------------------------------------------------------|--------|-------------------------|--------|-----------------------|--------|------------------------------|--------|-----------------------|--------|
|          |                              |                         | Middle-East<br>Diet Intake                            |        | Far-East<br>Diet Intake |        | Africa<br>Diet Intake |        | Latin America<br>Diet Intake |        | Europe<br>Diet Intake |        |
| VO 445   | Peppers, Sweet <sup>4</sup>  | 0.26                    | 3.3                                                   | 0.0009 | 2                       | 0.0005 | 5.3                   | 0.0014 | 2.3                          | 0.0006 | 10.3                  | 0.0027 |
| TN 675   | Pistachios                   | 0.06                    | 0.3                                                   | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 0                     | 0.0000 |
| DF 14    | Plums Dried (Prunes)         | 0.06                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 0.5                   | 0.0000 |
| FP 9     | Pome Fruits                  | 1.4                     | 10.8                                                  | 0.0151 | 7.5                     | 0.0105 | 0.3                   | 0.0004 | 6.5                          | 0.0091 | 51.3                  | 0.0718 |
| GC 656   | Popcorn                      | 0.02                    | 0.2                                                   | 0.0000 | 0.2                     | 0.0000 | 0.2                   | 0.0000 | 0.2                          | 0.0000 | 0.2                   | 0.0000 |
| VR 589   | Potatoes                     | 0.01                    | 59                                                    | 0.0006 | 19.2                    | 0.0002 | 20.6                  | 0.0002 | 40.8                         | 0.0004 | 240.8                 | 0.0024 |
| PM 110   | Poultry Meat                 | 0.01                    | 31                                                    | 0.0003 | 13.2                    | 0.0001 | 5.5                   | 0.0001 | 25.3                         | 0.0003 | 53                    | 0.0005 |
| VD 70    | Pulses (Total)               | 0.02                    | 21.2                                                  | 0.0004 | 14.5                    | 0.0003 | 17.6                  | 0.0004 | 20.6                         | 0.0004 | 9.4                   | 0.0002 |
| FB 272   | Raspberries                  | 0.25                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 0.5                   | 0.0001 |
| GC 650   | Rye                          | 0.02                    | 0                                                     | 0.0000 | 1                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 1.5                   | 0.0000 |
| GC 651   | Sorghum Flour                | 0.05                    | 2                                                     | 0.0001 | 9.7                     | 0.0005 | 26.6                  | 0.0013 | 0                            | 0.0000 | 0                     | 0.0000 |
| VD 541   | Soybeans                     | 0.02                    | 4.5                                                   | 0.0001 | 2                       | 0.0000 | 0.5                   | 0.0000 | 0                            | 0.0000 | 0                     | 0.0000 |
|          | Soya Sauce                   | 0.02                    | 1.5                                                   | 0.0000 | 11                      | 0.0002 | 0                     | 0.0000 | 0                            | 0.0000 | 0                     | 0.0000 |
| VC 431   | Squash, Summer               | 0.07                    | 10.5                                                  | 0.0007 | 2.2                     | 0.0002 | 0                     | 0.0000 | 14                           | 0.0010 | 3.5                   | 0.0002 |
| FS 12    | Stone Fruits                 | 0.78                    | 7.3                                                   | 0.0057 | 1                       | 0.0008 | 0                     | 0.0000 | 0.8                          | 0.0006 | 23.3                  | 0.0182 |
| FB 275   | Strawberries                 | 0.9                     | 0                                                     | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 5.3                   | 0.0048 |
| SO 702   | Sunflower Seed               | 0.02                    | 1                                                     | 0.0000 | 0                       | 0.0000 | 0.6                   | 0.0000 | 0                            | 0.0000 | 0                     | 0.0000 |
| VO 1275  | Sweet Corn (Kernels)         | 0.02                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 3.3                   | 0.0001 | 0                            | 0.0000 | 6.2                   | 0.0001 |
| VO 447   | Sweet Corn (Corn-On-The-Cob) | 0.02                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 4.4                   | 0.0001 | 0                            | 0.0000 | 8.3                   | 0.0002 |
| VJ 448   | Tomato Juice Single-Strength | 0.029                   | 0.3                                                   | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 2                     | 0.0001 |
| VO 448pa | Tomato Paste                 | 0.17                    | 5.8                                                   | 0.0010 | 0.2                     | 0.0000 | 0.3                   | 0.0001 | 0                            | 0.0000 | 4                     | 0.0007 |
| VO 448fr | Tomatoes Fresh               | 0.13                    | 44.1                                                  | 0.0057 | 5.7                     | 0.0007 | 14.6                  | 0.0019 | 25.5                         | 0.0033 | 34.9                  | 0.0045 |
| VO 448pe | Tomatoes Peeled              | 0.13                    | 0                                                     | 0.0000 | 0                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 4                     | 0.0005 |
| GC 653   | Triticale Flour              | 0.02                    | 0                                                     | 0.0000 | 1                       | 0.0000 | 0                     | 0.0000 | 0                            | 0.0000 | 0                     | 0.0000 |
| VL 473   | Watercress                   | 4.9                     | 0.1                                                   | 0.0005 | 0.1                     | 0.0005 | 0.1                   | 0.0005 | 0.1                          | 0.0005 | 0.1                   | 0.0005 |
| GC 654   | Wheat <sup>5</sup>           | 0.02                    | 327.3                                                 | 0.0065 | 114.8                   | 0.0023 | 28.3                  | 0.0006 | 116.8                        | 0.0023 | 178                   | 0.0036 |
| DF 269w  | Wine                         | 0.01                    | 0.5                                                   | 0.0000 | 0                       | 0.0000 | 0.8                   | 0.0000 | 19.8                         | 0.0002 | 97.8                  | 0.0010 |
| VR 600   | Yams                         | 4.5                     | 0                                                     | 0.0000 | 0                       | 0.0000 | 89.5                  | 0.4028 | 46                           | 0.2070 | 0                     | 0.0000 |
|          |                              | IEDI =                  |                                                       | 0.2433 |                         | 0.0673 |                       | 0.4473 |                              | 0.4717 |                       | 0.3990 |
|          |                              | %ADI =                  |                                                       | 1.2%   |                         | 0.3%   |                       | 2.3%   |                              | 2.4%   |                       | 2.0%   |
|          |                              | Rounded                 |                                                       | 1%     |                         | 0.3%   |                       | 2%     |                              | 2%     |                       | 2%     |

<sup>1</sup> Consumption data for "beans green common" used to estimate intake from beans with pods (legumes)

<sup>2</sup> Consumption assumed to include lychee, longan, pulasan, rambutan, Spanish lime and pomegranate

<sup>3</sup> Data for milk products have been presented together as in WHO (1997) Appendix 1: Example TMDI calculation

<sup>4</sup> Does not include chilli peppers

<sup>5</sup> Spelt included in wheat

## Fludioxonil: International Estimate of Short-Term Intake (IESTI) for general population. ARfD = 1.24 mg/kg body weight/day

| Code    | Commodity                                      | STMR or<br>STMR-P,<br>mg/kg | HR or<br>HR-P,<br>mg/kg | Large portion diet |                       | Unit weight                |                   |         | Variability<br>factor | Case | IESTI,<br>mg/kg bw | % ARfD,<br>rounded |                                 |
|---------|------------------------------------------------|-----------------------------|-------------------------|--------------------|-----------------------|----------------------------|-------------------|---------|-----------------------|------|--------------------|--------------------|---------------------------------|
|         |                                                |                             |                         | Country            | Body<br>weight,<br>kg | Large<br>Portion,<br>g/day | Unit<br>weight, g | Country |                       |      |                    |                    | Unit wt<br>edible<br>portion, g |
| FP 266  | Apple                                          |                             | 3.5                     | USA                | 65                    | 1348.1                     | 138               | USA     | 127                   | 7    | 2a                 | 0.113621           | 9                               |
| FS 240  | Apricot                                        |                             | 3.8                     | Jpn                | 52.6                  | 291.9                      | 35.0              | USA     | 34.0                  | 7    | 2a                 | 0.035828           | 3                               |
| VS 621  | Asparagus                                      |                             | 0.02                    | NI                 | 63                    | 398.2                      |                   |         |                       | 1    | 1                  | 0.000126           | 0.01                            |
| GC 640  | Barley                                         |                             | 0.02                    | NI                 | 63                    | 378.0                      |                   |         |                       | 1    | 1                  | 0.000120           | 0.01                            |
| VD 71   | Beans (Dry)                                    |                             | 0.06                    | Fra                | 62.3                  | 255.4                      |                   |         |                       | 1    | 1                  | 0.000246           | 0.02                            |
| FB 18   | Berries And Other Small Fruits                 |                             | 1.7                     | Aus                | 67                    | 750.4                      |                   |         |                       | 1    | 1                  | 0.019040           | 2                               |
| FB 264  | Blackberries                                   |                             | 4.2                     | Aus                | 67                    | 138.0                      |                   |         |                       | 1    | 1                  | 0.008652           | 0.7                             |
| FB 204  | Blueberries                                    |                             | 1.7                     | Aus                | 67                    | 158.1                      |                   |         |                       | 1    | 1                  | 0.004012           | 0.3                             |
| VB 400  | Broccoli                                       |                             | 0.53                    | USA                | 65                    | 376.4                      | 608.0             | USA     | 474.0                 | 5    | 2b                 | 0.015344           | 1                               |
| VB 41   | Cabbage, head                                  |                             | 1.2                     | S Africa           | 55.7                  | 362.1                      | 908.0             | USA     | 717.0                 | 3    | 2b                 | 0.023400           | 2                               |
| VR 577  | Carrot                                         |                             | 0.46                    | NI                 | 63                    | 335.2                      | 61.0              | USA     | 50.0                  | 7    | 2a                 | 0.004638           | 0.4                             |
| FS 13   | Cherries                                       |                             | 3.8                     | Fra                | 62.3                  | 375.0                      |                   |         |                       | 1    | 1                  | 0.022876           | 2                               |
| PE 840  | Chicken Eggs                                   |                             | 0.05                    | Fra                | 62.3                  | 218.7                      |                   |         |                       | 1    | 1                  | 0.000176           | 0.01                            |
| VD 526  | Common Bean (Dry)                              |                             | 0.06                    | Fra                | 62.3                  | 282.8                      |                   |         |                       | 1    | 1                  | 0.000272           | 0.02                            |
| VP 526  | Common Bean (Pods &/Or<br>Immature Seeds)      |                             | 0.2                     | NI                 | 63                    | 430.9                      |                   |         |                       | 1    | 1                  | 0.001368           | 0.1                             |
| SO 691  | Cotton Seed                                    |                             | 0.05                    | USA                | 65                    | 3.3                        |                   |         |                       | 1    | 1                  | 0.000003           | 0.0002                          |
| OR 691  | Cotton Seed Oil, Edible                        | 0.05                        |                         | USA                | 65                    | 9.1                        |                   |         |                       | 1    | 3                  | 0.000007           | 0.0006                          |
| FB 265  | Cranberry                                      |                             | 1.7                     | USA                | 65                    | 229.5                      |                   |         |                       | 1    | 1                  | 0.006001           | 0.5                             |
| VC 424  | Cucumber <sup>1</sup>                          |                             | 0.27                    | NL                 | 63                    | 313.1                      | 410.0             | Belgium | 385.0                 | 5    | 2b                 | 0.006710           | 0.5                             |
| FB 278  | Currant, Black                                 |                             | 1.7                     | UK                 | 70.1                  | 1036.1                     |                   |         |                       | 1    | 1                  | 0.025126           | 2                               |
| FB 279  | Currant, Red, White                            |                             | 1.7                     | Fra                | 62.3                  | 153.3                      |                   |         |                       | 1    | 1                  | 0.004182           | 0.3                             |
| FB 21   | Currants, Red, Black, White                    |                             | 1.7                     | Fra                | 62.3                  | 153.3                      |                   |         |                       | 1    | 1                  | 0.004182           | 0.3                             |
| DF 14   | Dried Prunes                                   |                             | 0.16                    | USA                | 65                    | 302.9                      |                   |         |                       | 1    | 1                  | 0.000746           | 0.06                            |
| MO 105  | Edible Offal, Mammalian                        |                             | 0.05                    | Fra                | 62.3                  | 276.6                      |                   |         |                       | 1    | 1                  | 0.000222           | 0.02                            |
| VO 440  | Eggplant <sup>1</sup>                          |                             | 0.24                    | Aus                | 67                    | 487.1                      | 330.0             | Belgium | 280.0                 | 5    | 2a                 | 0.005757           | 0.5                             |
| VP 4415 | French Bean (Immature Pods<br>And Seeds)       |                             | 0.2                     | NI                 | 63                    | 360.4                      |                   |         |                       | 1    | 1                  | 0.001144           | 0.1                             |
| VP 528  | Garden Pea (Young Pods)                        |                             | 0.2                     | USA                | 65                    | 244.4                      |                   |         |                       | 1    | 1                  | 0.000752           | 0.06                            |
| VP 529  | Garden Pea, Shelled                            |                             | 0.02                    | NI                 | 63                    | 300.5                      |                   |         |                       | 1    | 1                  | 0.000095           | 0.008                           |
| FC 203  | Grapefruit                                     |                             | 6.85                    | Japan              | 52.6                  | 946.8                      | 256               | USA     | 125                   | 5    | 2a                 | 0.188414           | 20                              |
| FB 269  | Grapes                                         |                             | 1.6                     | Aus                | 67                    | 1004.3                     | 456.0             | Sweden  | 438.0                 | 5    | 2a                 | 0.065823           | 5                               |
| VP 520  | Haricot Bean (Green Pods<br>And/Or Imm. Seeds) |                             | 0.2                     | Aus                | 67                    | 67.0                       |                   |         |                       | 1    | 1                  | 0.000200           | 0.02                            |
| HH 170  | Herbs                                          |                             | 13.1                    | Aus                | 67                    | 15.4                       |                   |         |                       | 1    | 1                  | 0.003013           | 0.2                             |
| FI 341  | Kiwifruit                                      |                             | 13.9                    | NI                 | 63                    | 354.7                      | 76                | USA     | 74                    | 7    | 2a                 | 0.176219           | 10                              |

| Code   | Commodity                                   | STMTR or<br>STMTR-P,<br>mg/kg | HR or<br>HR-P,<br>mg/kg | Large portion diet |                       | Unit weight                |                   |         | Variability<br>factor | Case | IESTI,<br>mg/kg bw | % ARfD,<br>rounded |                                 |
|--------|---------------------------------------------|-------------------------------|-------------------------|--------------------|-----------------------|----------------------------|-------------------|---------|-----------------------|------|--------------------|--------------------|---------------------------------|
|        |                                             |                               |                         | Country            | Body<br>weight,<br>kg | Large<br>Portion,<br>g/day | Unit<br>weight, g | Country |                       |      |                    |                    | Unit wt<br>edible<br>portion, g |
| FC 204 | Lemon                                       |                               | 6.85                    | France             | 62.3                  | 115.3                      | 108               | USA     | 72                    | 7    | 2a                 | 0.060172           | 5                               |
| VL 482 | Lettuce, head <sup>1</sup>                  |                               | 6                       | USA                | 65                    | 212.6                      | 558.0             | UK      | 412.0                 | 3    | 2b                 | 0.058860           | 5                               |
| FC 205 | Lime                                        |                               | 6.85                    | Australia          | 67                    | 589.6                      | 67                | USA     | 56                    | 7    | 2a                 | 0.094632           | 8                               |
| GC 645 | Maize                                       |                               | 0.05                    | Fra                | 62.3                  | 259.8                      |                   |         |                       | 1    | 1                  | 0.000209           | 0.02                            |
| OR 645 | Maize Oil, Refined                          | 0.02 <sup>2</sup>             |                         | NI                 | 63                    | 42.8                       |                   |         |                       | 1    | 3                  | 0.000014           | 0.001                           |
| FC 206 | Mandarin                                    |                               | 6.85                    | Japan              | 52.6                  | 408.7                      | 168               | USA     | 124                   | 7    | 2a                 | 0.150114           | 10                              |
| MM 95  | Meat, Mammalian                             |                               | 0.01                    | Aus                | 67                    | 521.3                      |                   |         |                       | 1    | 1                  | 0.000078           | 0.006                           |
| VC 46  | Melons, Except Watermelon                   |                               | 0.03                    | USA                | 65                    | 655.2                      | 1000              | USA     | 630                   | 5    | 2a                 | 0.001512           | 0.1                             |
| ML 106 | Milks                                       | 0.01                          |                         | USA                | 65                    | 2466.1                     |                   |         |                       | 1    | 3                  | 0.000379           | 0.03                            |
| HH 738 | Mints                                       |                               | 13.1                    | Aus                | 67                    | 8.0                        |                   |         |                       | 1    | 1                  | 0.001572           | 0.1                             |
| VL 485 | Mustard greens <sup>3</sup>                 |                               | 7.7                     | USA                | 65                    | 227.5                      | 340.0             | USA     | 245.0                 | 10   | 2b                 | 0.269500           | 20                              |
| FS 245 | Nectarine                                   |                               | 3.8                     | USA                | 65                    | 590.2                      | 136.0             | USA     | 125.0                 | 7    | 2a                 | 0.078350           | 6                               |
| GC 647 | Oats                                        |                               | 0.02                    | Fra                | 62.3                  | 305.3                      |                   |         |                       | 1    | 1                  | 0.000098           | 0.008                           |
| VA 385 | Onion, bulb                                 |                               | 0.11                    | Fra                | 62.3                  | 305.9                      | 110.0             | USA     | 100.0                 | 7    | 2a                 | 0.001599           | 0.1                             |
| FC 4   | Oranges                                     |                               | 6.85                    | USA                | 65                    | 564.2                      | 131               | USA     | 96                    | 7    | 2                  | 0.120160           | 10                              |
| HH 740 | Parsley                                     |                               | 13.1                    | Fra                | 62.3                  | 18.7                       |                   |         |                       | 1    | 1                  | 0.003930           | 0.3                             |
| FS 247 | Peach                                       |                               | 3.8                     | S Africa           | 55.7                  | 685.1                      | 98.0              | USA     | 85.0                  | 7    | 2a                 | 0.081534           | 7                               |
| FP 230 | Pear                                        |                               | 3.5                     | USA                | 65                    | 692.9                      | 166.0             | USA     | 151.0                 | 7    | 2a                 | 0.086095           | 7                               |
| VD 72  | Peas (Dry)                                  |                               | 0.06                    | Fra                | 62.3                  | 444.8                      |                   |         |                       | 1    | 1                  | 0.000428           | 0.03                            |
| VP 63  | Peas (Pods And Succulent<br>Immature Seeds) |                               | 0.2                     | Jpn                | 52.6                  | 62.6                       |                   |         |                       | 1    | 1                  | 0.000238           | 0.02                            |
| VP 64  | Peas, Shelled (Succulent Seeds)             |                               | 0.02                    | UK                 | 70.1                  | 436.7                      |                   |         |                       | 1    | 1                  | 0.000125           | 0.01                            |
| VO 445 | Pepper, sweet                               |                               | 0.60                    | Fra                | 62.3                  | 207.5                      | 172.0             | UK      | 160.0                 | 7    | 2a                 | 0.011244           | 0.9                             |
| TN 675 | Pistachio nuts                              |                               | 0.08                    | Aus                | 67                    | 300.2                      |                   |         |                       | 1    | 1                  | 0.000358           | 0.03                            |
| FS 14  | Plum                                        |                               | 3.8                     | USA                | 65                    | 412.8                      | 66.0              | USA     | 62.0                  | 7    | 2a                 | 0.045878           | 4                               |
| GC 656 | Popcorn                                     |                               | 0.05                    | Jpn                | 52.6                  | 175.2                      |                   |         |                       | 1    | 1                  | 0.000167           | 0.01                            |
| VR 589 | Potato                                      |                               | 0.035                   | NI                 | 63                    | 686.7                      | 122.0             | USA     | 99.0                  | 7    | 2a                 | 0.000712           | 0.06                            |
| PM 110 | Poultry Meat                                |                               | 0.01                    | Aus                | 67                    | 431.5                      |                   |         |                       | 1    | 1                  | 0.000064           | 0.005                           |
| PO 111 | Poultry, Edible Offal Of                    |                               | 0.05                    | USA                | 65                    | 247.7                      |                   |         |                       | 1    | 1                  | 0.000191           | 0.02                            |
| FP 231 | Quince                                      |                               | 3.5                     | Aus                | 67                    | 174.9                      | 92                | USA     | 56                    | 7    | 2a                 | 0.026687           | 2                               |
| DF 269 | Raisins (=Currants, Raisins &<br>Sultanas)  |                               | 1.7                     | Fra                | 62.3                  | 135.2                      |                   |         |                       | 1    | 1                  | 0.003689           | 0.3                             |
| OR 495 | Rape Seed Oil, Edible                       | 0.02 <sup>2</sup>             |                         | Aus                | 67                    | 65.0                       |                   |         |                       | 1    | 3                  | 0.000019           | 0.002                           |
| FB 272 | Raspberries, Red, Black                     |                               | 4.2                     | Fra                | 62.3                  | 324.0                      |                   |         |                       | 1    | 1                  | 0.021840           | 2                               |
| GC 650 | Rye                                         |                               | 0.04                    | NI                 | 63                    | 76.9                       |                   |         |                       | 1    | 1                  | 0.000049           | 0.004                           |
| FC 5   | Shaddocks or pomelos <sup>1</sup>           |                               | 6.85                    | USA                | 65                    | 447.9                      | 230               | UK      | 161                   | 7    | 2a                 | 0.148998           | 10                              |
| GC 651 | Sorghum                                     |                               | 0.05                    | USA                | 65                    | 17.6                       |                   |         |                       | 1    | 1                  | 0.000014           | 0.001                           |
| OR 541 | Soya bean oil, refined                      | 0.02 <sup>2</sup>             |                         | USA                | 65                    | 98.2                       |                   |         |                       | 1    | 3                  | 0.000030           | 0.002                           |
| VC 431 | Squash summer                               |                               | 0.17                    | Fra                | 62.3                  | 342.7                      | 300.0             | France  | 270.0                 | 5    | 2a                 | 0.003882           | 0.3                             |

| Code   | Commodity                  | STMR or<br>STMR-P,<br>mg/kg | HR or<br>HR-P,<br>mg/kg | Large portion diet |                       | Unit weight                |                   |         | Variability<br>factor | Case | IESTI,<br>mg/kg bw | % ARfD,<br>rounded |                                 |
|--------|----------------------------|-----------------------------|-------------------------|--------------------|-----------------------|----------------------------|-------------------|---------|-----------------------|------|--------------------|--------------------|---------------------------------|
|        |                            |                             |                         | Country            | Body<br>weight,<br>kg | Large<br>Portion,<br>g/day | Unit<br>weight, g | Country |                       |      |                    |                    | Unit wt<br>edible<br>portion, g |
| FB 275 | Strawberry                 |                             | 1.3                     | Fra                | 62.3                  | 345.8                      |                   |         | 1                     | 1    | 0.007215           | 0.6                |                                 |
| OR 702 | Sunflower seed oil, edible | 0.02 <sup>2</sup>           |                         | Fra                | 62.3                  | 61.1                       |                   |         | 1                     | 3    | 0.000020           | 0.002              |                                 |
| SO 702 | Sunflower seed             |                             | 0.02                    | USA                | 65                    | 193.1                      |                   |         | 1                     | 1    | 0.000059           | 0.005              |                                 |
| VO 447 | Sweet corn (on the cob)    |                             | 0.05                    | USA                | 65                    | 367.3                      | 215.0             | UK      | 125.0                 | 7    | 2a                 | 0.000859           | 0.07                            |
| VO 448 | Tomato <sup>1</sup>        |                             | 0.32                    | USA                | 65                    | 390.7                      | 150.0             | Belgium | 143.0                 | 7    | 2a                 | 0.006147           | 0.5                             |
| VL 473 | Watercress <sup>3</sup>    |                             | 5                       | Fra                | 62.3                  | 131.5                      | 340.0             | USA     | 245.0                 | 10   | 2                  | 0.105500           | 9                               |
| GC 654 | Wheat                      |                             | 0.04                    | USA                | 65                    | 382.9                      |                   |         |                       | 1    | 1                  | 0.000236           | 0.02                            |
|        | Wine Only                  | 0.01 <sup>4</sup>           |                         | Aus                | 67                    | 1131.0                     |                   |         |                       | 1    | 3                  | 0.000169           | 0.01                            |
| VR 600 | Yam (Potato consumption)   |                             | 5.7                     | Nl                 | 63                    | 686.7                      | 150.0             | USA     | 129.0                 | 7    | 2a                 | 0.132159           | 10                              |

Short-term intake from lychee, longan, pulasan, rambutan, Spanish lime and pomegranate could not be estimated due to missing consumption and unit weight data. In all cases, intake is expected to be less than from peaches because residues are lower, consumption is likely to be lower and unit weights will be less than or about the same as for peaches.

<sup>1</sup> Unit weight data by personal communication from G Moy, WHO, 1 May 2003

<sup>2</sup> STMR for the seed (sunflower seed and soya extrapolated from rape seed)

<sup>3</sup> No unit weight data available. IESTI calculated using unit weight for spinach

<sup>4</sup> STMR-P is derived from the mean processing factor for grapes to wine (as measured for fludioxonil) applied to an STMR for grapes of 0.47 mg/kg

**Trifloxystrobin****Calculation of the Theoretical Maximum Daily Intake (TMDI) according to WHO Guidelines**

ADI : 0.1 mg/kg bw/day

Standard Body Weight (BW): 60 kg bw

| Code   | Commodity    | MRL<br>mg/kg | Middle East              |                           | Far East                 |                           | African                  |                           | Latin American           |                           | European                 |                           |
|--------|--------------|--------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|--------------------------|---------------------------|
|        |              |              | Diet<br>g/person<br>/day | Intake<br>mg/kg<br>BW/day | Diet<br>g/person<br>/day | Intake<br>mg/kg<br>BW/day | Diet<br>g/person<br>/day | Intake<br>mg/kg<br>BW/day | Diet<br>g/person<br>/day | Intake<br>mg/kg<br>BW/day | Diet<br>g/person<br>/day | Intake<br>mg/kg<br>BW/day |
| FP0009 | Pome fruit   | 1.0          | 54.0                     | 0.000900                  | 37.5                     | 0.000625                  | 1.5                      | 0.0015                    | 32.5                     | 0.000542                  | 256.5                    | 0.004275                  |
| FB0269 | Grape        | 3.0          | 79.0                     | 0.003950                  | 5.0                      | 0.000250                  | 0.0                      |                           | 6.5                      | 0.000325                  | 69.0                     | 0.003450                  |
| GC0640 | Barley       | 0.5          | 2.0                      | 0.000017                  | 7.0                      | 0.000058                  | 3.6                      | 0.0018                    | 13.0                     | 0.000108                  | 39.6                     | 0.000330                  |
|        |              |              |                          |                           |                          |                           |                          |                           |                          |                           |                          |                           |
|        | <b>TOTAL</b> |              |                          | 0.004867                  |                          | 0.000933                  |                          | 0.0033                    |                          | 0.000975                  |                          | 0.008055                  |
|        | <b>% ADI</b> |              |                          | <b>5</b>                  |                          | <b>1</b>                  |                          | <b>0.1</b>                |                          | <b>1</b>                  |                          | <b>8</b>                  |