

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of  
the United Nations



World Health  
Organization

# E

Viale delle Terme di Caracalla, 00153 Rome, Italy - Tel: (+39) 06 57051 - Fax: (+39) 06 5705 4593 - E-mail: [codex@fao.org](mailto:codex@fao.org) - [www.codexalimentarius.net](http://www.codexalimentarius.net)

Agenda Item 7(a)

CX/PR 12/44/8

February 2012

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

44<sup>th</sup> Session

Shanghai, P.R. China, 23 - 28 April 2012

#### DRAFT REVISION OF THE CODEX CLASSIFICATION OF FOODS AND ANIMAL FEEDS AT STEP 7:

##### *FRUIT COMMODITY GROUPS*

*(EXCLUDING EDIBLE FLOWERS AND ASSORTED TROPICAL AND SUB-TROPICAL FRUITS - EDIBLE AND INEDIBLE PEEL)*

(Prepared by the Codex Secretariat)

Governments and interested international organizations wishing to submit comments on selected commodity groups as explained in paragraphs 6-7 of this working document are invited to do so in writing to: Ms. Duang Lifang, Institute for the Control of Agrochemicals, Ministry of Agriculture (ICAMA), P.R. China, Fax: +86-10-59194252, Email: [ccpr@agri.gov.cn](mailto:ccpr@agri.gov.cn) (*preferred*) with a copy to: Secretariat, Codex Alimentarius Commission, Joint WHO/FAO Food Standards Programme, FAO, Viale delle Terme di Caracalla, 00153 Rome, Italy, by Email [codex@fao.org](mailto:codex@fao.org) (*preferred*) or Fax: +39-06-5705-4593 by 23 March 2012.

**Codex Secretariat Note:** This paper should be read in conjunction with working document CX/PR 12/44/9 related to the revision of the Codex Classification of Foods and Feeds as per fruit commodity groups.

## BACKGROUND

1. The 42<sup>nd</sup> Session of the Codex Committee on Pesticide Residues (April 2010) agreed to retain the eight commodity groups namely Bulb vegetables; Fruiting vegetables, other than cucurbits; Berries and small fruits; Edible fungi; Citrus fruits; Pome fruits; Stone fruits; and Oilseeds at Step 7, as amended during the session, awaiting finalization of the revision of the Classification in compliance with its previous decision that the revised individual commodity groups should not be adopted until all the revision had been completed in order to avoid problems, especially with the transfer of commodities from one group to the other.<sup>1</sup>
2. The Delegation of the United States of America highlighted the importance of the early completion of the revision of the Classification so that the revised commodity groups could be implemented in international trade as soon as possible. This would assist in promoting MRL/PRs harmonization and in removing technical barriers to trade. In this regard, the Delegation indicated that it might now be possible to advance all commodity groups within a particular commodity type as they are completed. In particular the fruit types: berries and small fruits, citrus fruit, pome fruit and stone fruit, which had been completed by this session of the Committee, and the tropical fruits that could be completed by the next session of the Committee could all be advanced together.
3. In view of the above, the Committee agreed that if all of the fruit types were completed by 2012, consideration would be given to advancing them to Step 8, for inclusion in the classification system.<sup>2</sup>
4. The 43<sup>rd</sup> Session of the Committee (April 2011) further agreed to advance the two commodity groups on Assorted Tropical and Sub-Tropical Fruits – Edible and Inedible Peel to the 34<sup>th</sup> Session of the Codex Alimentarius Commission (July 2011) for adoption at Step 5<sup>3</sup> and the Commission concurred with this proposal<sup>4</sup> (see working document CX/PR 12/44/9 as per these fruit commodity groups).

<sup>1</sup> ALINORM 10/33/24, para. 96 & App. IX.

<sup>2</sup> ALINORM 10/33/24, paras. 102-104.

<sup>3</sup> REP11/PR, para. 93-100 & App. VIII.

5. The Codex Secretariat has compiled in this document the fruit commodity groups as revised by the Committee at its 42<sup>nd</sup> and 43<sup>rd</sup> Sessions for ease of reference when finalizing the revision of the Classification as per the fruit commodity groups with a view to their final adoption at Step 8 by the 35<sup>th</sup> Session of the Codex Alimentarius Commission (July 2012). The relevant fruit commodity groups are citrus fruits, pome fruits, stone fruits and berries and small fruits.

6. This document is not up to comments, however, in view that at the last session of the Committee a number of comments were made on the re-location of certain fruits from some commodity groups into other commodity groups which affect some commodity groups listed in the Appendices to this working document, Codex member and observers are kindly invited to consider those particular commodity groups vis-à-vis the recommendations put forward in working document CX/PR 12/44/9.

7. It is noted that the 43<sup>rd</sup> Session of the CCPR agreed to hold the draft Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups (including Table 1 on fruit commodities) at Step 7 pending the finalization of the revision of the Classification of Food and Feeds as per the fruit commodity groups.<sup>5</sup> Therefore, the impact of the comments on the fruit commodity groups presented in this paper with regard to the fruit commodity groups listed in Table 1 of the draft Principles and Guidance should also be considered in order to amend Table 1 if necessary.

8. Comments on the issues presented in paragraphs 6-7 should be sent as indicated on the cover page. Codex members and observers are kindly invited to pay due attention to the fruit commodity groups listed in this CX/PR 12/44/8 and CX/PR 12/44/9 with a view to the finalization of this document for final adoption by the Commission as agreed upon by the 43<sup>rd</sup> Session of the Committee (see para. 3) together with the draft Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups (including Table 1).

---

<sup>4</sup> REP11/CAC, App. IV.

<sup>5</sup> REP11/PR, paras. 102-111 & App. IX.

**Appendix V Citrus fruits (as extracted from ALINORM 10/33/24, Appendix IX)****Class A****Type 1                      Fruits                      Group 001                      Group Letter Code FC**

Citrus fruits are produced on trees or shrubs of the family Rutaceae. Aromatic oily peel, globular form and interior segments of juice-filled vesicles characterize these fruits. The fruit is fully exposed to pesticides during the growing season. Post-harvest treatments with pesticides and liquid waxes are often carried out to avoid deterioration during transport and distribution due to fungal diseases, insect pests or loss of moisture.

The fruit pulp may be consumed in succulent form and as juice. The entire fruit may be used for preserves.

Group 001A Lemons and Limes: Hybrids and related species similar to lemons and limes

Group 001B Mandarins: Hybrids and related species similar to mandarins

Group 001C Oranges, Sweet, Sour: Hybrids and related species similar to oranges

Group 001D Pummelos: Hybrids and related species

Portion of the commodity to which the MRL applies (and which is analyzed): **Whole commodity.**

**Group 001                      Citrus fruits**

**Code No.                      Commodity**

FC 0001                      Citrus Fruit

(includes all commodities in this group)

**Subgroup 001A Lemons and Limes**

**Code No.                      Commodity**

FC 0002                      Lemons and Limes (including Citron)

- *Citrus limon* Burm.f.;

- *Citrus aurantiifolia* Swingle;

- *Citrus medica* L.;

Hybrids and related species similar to lemons and limes including *Citrus jambhiri* Lush; *Citrus limetta* Risso; *Citrus limetoides* Tan.; *Citrus limonia* Osbeck.

Syn: see specific fruit species

(includes all commodities in this subgroup)

FC 2201                      **Australian blood lime**, see also Lemons and Limes, FC 0002

*Microcitrus australasica* (F. Muell.) Swingle

Syn: *Citrus australasica* F. Muell.

FC 2202                      **Australian desert lime**, see also Lemons and Limes, FC 0002

*Eremocitrus glauca* (Lindl.) Swingle

Syn: *Citrus glauca* (Lindl.) Burkill

- FC 2203 **Australian round lime**, see also Lemons and Limes, FC 0002  
*Microcitrus australis* (A. Cunn. ex Mudie) Swingle  
Syn: *Citrus australis* (A. Cunn. ex Mudie) Planch.
- FC 2204 **Brown River finger-lime**, see also Lemons and Limes, FC 0002  
*Microcitrus papuana* Winters  
*Citrus wintersii* Mabb.
- FC 0202 **Citron**, see also Lemons and Limes, FC 0002  
*Citrus medica* L.;  
Syn: *Citrus cedra* Link; *Citrus cedratus* Raf.;  
*Citrus medica genuina* Engl.; *Citrus medica* proper Bonavia
- FC 0204 **Lemon**, see also Lemons and Limes, FC 0002  
*Citrus limon* Burm. f.;  
Syn: *Citrus medica limon* L.; *Citrus limonum* Risso; *Citrus medica limonum* Hook. F.; *Citrus jambhiri* Lush.
- FC 0205 **Lime**, see Codex stan. 217-1999, Amd. 1-2005, see also Lemons and Limes, FC 0002  
*Citrus aurantiifolia* Swingle;  
Syn: *Limonia aurantiifolia* Christm.; *L. acidissima* Houtt. *Citrus lima* Lunan.; *Citrus acida* Roxb.; *Citrus limonellus* Hassk.
- FC 2205 **Lime, Sweet**, see also Lemons and Limes, FC 0002  
*Citrus limetta* Risso  
Syn: *Citrus limettioides* Tan., *Citrus lumia* Risso)
- FC 2206 **Kaffir lime**  
*Citrus hirtix* DC.
- **Mexican Lime**, see Codex stan. 217-1999, see Lime, FC 0205  
*Citrus aurantifolia* Swingle see, Amd. 1-2005
- FC 2207 **Mount White-lime**, see also Lemons and Limes, FC 0002  
*Microcitrus garrowayae* (F. M. Bailey) Swingle
- FC 2208 **New Guinea wild lime**, see also Lemons and Limes, FC 0002  
*Microcitrus warburgiana* (F. M. Bailey) Tanaka
- FC 2209 **Russell River-lime**, see also Lemons and Limes, FC 0002  
*Microcitrus inodora* (F. M. Bailey) Swingle  
Syn: *Citrus inodora* (F. M. Bailey)

FC 2210 **Tahiti Lime**, see Codex stan. 213-1999, Amd. 3-2005,  
see also Lemons and Limes, FC 0002  
*Citrus latifolia* Tan.

FC 2211 **Yuzu**, see also Lemons and Limes, FC 0002  
*Citrus junos* Siebold ex Tanaka

#### Subgroup 001B Mandarins

##### Code No.            Commodity

FC 0003 **Mandarins** (including Mandarin-like hybrids)

- *Citrus reticulata* Blanco:

Hybrids and related species including *Citrus nobilis* Lour.:

*Citrus deliciosa* Ten.; *Citrus tangerina* Hort.; *Citrus mitis* Blanco

Syn: *Citrus madurensis* Lour.; *Citrus unshiu* Marcow;

Syn: see specific fruit species Mandarin

(includes all commodities in this subgroup)

FC 0201 **Calamondin**, see also Mandarins, FC 0003

*Citrus mitis* Blanco;

Syn: *Citrus madurensis* Lour. (hybrid of *Citrus reticulata* Blanco.

var. *austera* Swing x *Fortunella* sp.)

- **Clementine**, see Mandarins, FC 0003

*Citrus clementina* Hort. Ex Tanaka cultivar of *Citrus reticulata* Blanco (possibly natural hybrid of Mandarin x Orange, Sweet)

- **Cleopatra mandarin**, see Mandarins, FC 0003

*Citrus reshni* Hort. Ex Tan.

- **Dancy or Dancy mandarin**, see Mandarins, FC 0003

*Citrus tangerina* Hort.

- **King mandarin**, see Mandarins, FC 0003

*Citrus nobilis* Lour. (= hybrid of Mandarin x Orange, Sweet)

FC 0206 **Mandarin**, see also see Mandarins, FC 0003

*Citrus reticulata* Blanco;

Syn: *Citrus nobilis* Andrews (non Lour.); *Citrus poonensis* Hort. Ex Tanaka; *Citrus chrysocarpa* Lush.

- **Mediterranean mandarin**, see Mandarins, FC 0003

*Citrus deliciosa* Ten (= hybrid of Mandarin x Orange, Sweet)

- **Satsuma or Satsuma mandarin**, see Mandarins, FC 0003  
*Citrus unshiu* Marcow.
- **Tangelo**, small and medium sized cultivars, see Mandarins, FC 0003  
Hybrids of Mandarin x Grapefruit or Mandarin x Shaddock
- **Tangerine**, see Mandarins, FC 0003  
*Citrus reticulata* Blanco;  
Syn: *Citrus tangarina* Hort. Ex Tan. *Citrus ponnensis* Hort., *Citrus Chyrosocarpa* Lush., *Citrus Reshni* Hort.
- **Tangors**, see Mandarins, FC 0003  
*Citrus nobilis* Lour. (= Hybrid of Mandarin x Orange, sweet) ;
- **Tankan mandarin**, see Mandarins, FC 0003  
*Citrus reticulata* Blanco *tankan* Hyata (= probably hybrid of Mandarin x Orange, Sweet)
- FC 2212 **Unshu orange**, see also Mandarins, FC 0003  
*Citrus reticulata* Blanco ssp. *unshiu* (Marcow.) D.Rivera Núñez et al.
- **Willowleaf mandarin**, see Mandarins, FC 0003  
*Citrus deliciosa* Ten. (= hybrid of Mandarin and Orange, sweet)

#### Subgroup 001C Oranges, Sweet, Sour

- | <u>Code No.</u> | <u>Commodity</u>   |
|-----------------|--|
| FC 0004         | <b>Oranges, Sweet, Sour</b> (including Orange-like hybrids)<br><br>several cultivars:<br><br>- <i>Citrus sinensis</i> Osbeck;<br><br>- <i>Citrus aurantium</i> L.;<br><br>Hybrids and related species:<br><br><i>Citrus myrtifolia</i> Raf.; <i>Citrus salicifolia</i> Raf.;<br><br>Syn: see specific fruit species<br><br>(includes all commodities in this subgroup) |
| -               | <b>Bergamot</b> , see Oranges, Sweet, Sour, FC 0004<br><br><i>Citrus aurantium</i> ssp. <i>bergamia</i>  |
| -               | <b>Bigarade</b> , see Orange, Sour FC 0207<br><br><i>Citrus aurantium</i> L.   |
| -               | <b>Blood orange</b> , see Orange, Sweet, FC 0208<br><br>Cultivar of <i>Citrus sinensis</i> Osbeck  |

- **Chinotto**, see Orange, Sour, FC 0207  
*Citrus aurantium* L., var. *myrtifolia* Ker-Gawler;  
Syn: *Citrus myrtifolia* Raf.
- **Chironja (orangelo)**, see Oranges, Sweet, Sour, FC 0004  
*Citrus sinensis* x *Citrus paradise* (= Hybrid of Orange, Sweet x Mandarin)
- Ichang Bitter Orange, see Orange, Sweet, FC 0208  
*Citrus ichangensis* Swingle
- **Malta orange**, see Blood Orange
- **Myrtle-leaf orange**, see Chinotto
- **Orange, Bitter**, (=bigarade) see Orange, Sour FC 0207
- FC 0207 **Orange, Sour**, see also see Oranges, Sweet, Sour, FC 0004  
*Citrus aurantium* L.;  
Syn: *Citrus vulgaris* Risso; *Citrus bigarradia* Loisel; *Citrus communis* Le Maout & Dec.
- FC 0208 **Orange, Sweet**, See Codex stan. 245-2004 Amd 1-2005, see also see Oranges, Sweet, Sour, FC 0004  
*Citrus sinensis* Osbeck;  
Syn: *Citrus aurantium sinensis* L.; *Citrus dulcis* Pers.; *Citrus aurantium vulgare* Risso & Poit.; *Citrus aurantium dulce* Hayne
- **Seville Orange**, see Orange, Sour, FC 0207
- **Tachibana orange** see Oranges, Sweet, Sour, FC 0004  
*Citrus tachibana* (Makino) Tanaka  
Syn: *Citrus aurantium* L. var. *tachibana* Makino; *Citrus depressa*
- FC 2213 **Trifoliate orange** see also Oranges, Sweet, Sour, FC 0004  
*Poncirus trifoliata* (L.) Raf.

#### Subgroup 001D Pummelos

##### Code No.

##### Commodity

FC 0005

**Pummelo and Grapefruits** (including Shaddock-like hybrids, among others Grapefruit)

*Citrus maxima* (Burm.) Merr.

Syn: *Citrus Grandis* L. Osbeck; *Citrus paradisi* Macf.; *Citrus decumana* L.

Hybrids and related species, similar to Shaddocks, including *Citrus natsudaidai* Hayata; Tangelos large sized (= hybrid, Grapefruit x Mandarin); Tangelolos: (hybrid, Grapefruit x Tangelo): Syn: see specific fruit species

(includes all commodities in this subgroup)

- FC 0203 **Grapefruit**, see Codex stan. 219-1999 Amd 2-2005, see also Pummelo and Grapefruits, FC 0005
- Hybrid of Shaddock x Orange, Sweet
- Citrus paradisi* Macf.;
- Syn: *Citrus maxima uvacarpa* Merr. & Lee.
- **Natsudaïdai**, see Pummelo and Grapefruits, FC 0005
- Citrus natsudaïdai* Hayata (possibly natural hybrid of Mandarin x Shaddock)
- **Pomelo**, see Pummelo and Grapefruits, FC 0005
- FC 0209 **Pummelo**, see Codex stan. 214-1999, Amd 2-2005, see Pummelo and Grapefruits, FC 0005
- Citrus maxima* (Burm.) Merr.
- Syn: *Citrus grandis* L. Osbeck; *Citrus aurantium decumana* L.; *Citrus decumana* Murr.
- **Shaddock**, see also Pummelo and Grapefruits, FC 0005
- Citrus maxima* (Burm.) Merr.;
- **Tangelo**, large-sized cultivars, see Pummelo and Grapefruits, FC 0005
- Citrus x tangelo* J.W. Ingram & H.E. Moore;
- **Tangelolo**, see Pummelo and Grapefruits, FC 0005
- Hybrids of Grapefruit x Tangelo
- **Ugli/Uniq fruit (=tangelo)**, see Pummelo and Grapefruits, FC 0005
- Cultivar of Tangelo, large sized fruit cultivar, see there
- Citrus reticulata* x *Citrus paradisi*



**Appendix II Pome fruits (as extracted from ALINORM 10/33/24, Appendix IX)****Class A****Type 1                      Fruits                      Group 002                      Group Letter Code FP**

Pome fruits are produced on trees and shrubs belonging to certain genera of the rose family (Rosaceae), especially the genera *Malus* and *Pyrus*. They are characterized by fleshy tissue surrounding a core consisting of parchment-like carpels enclosing the seeds.

Pome fruits are fully exposed to pesticides applied during the growing season. Post-harvest treatments directly after harvest may also occur. The entire fruit, except the core, may be consumed in the succulent form or after processing.

Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity after removal of stems.

**Group 002                      Pome fruits****Code No.                      Commodity**FP 0009                      **Pome fruits**

(includes all commodities in this group)

FP 0226                      **Apple***Malus domestica* BorkhausenFP 2220                      **Azarole***Crataegus azarolus* L.FP 2221                      **Chinese quince***Chaenomeles speciosa* (sweet) NakaiFP 0227                      **Crab-apple***Malus* spp.; among other *Malus baccata* (L.) Borkh. var *baccata*;*M. prunifolia* (Willd.) Borkh.-                                      **Japanese medlar, see Loquat, FP 0228**FP 0228                      **Loquat***Eriobotrya japonica* (Thunberg ex J.A. Murray) LindleyFP 2222                      **Mayhaw***Crataegus* spp.FP 0229                      **Medlar***Mespilus germanica* L.-                                      **Nashi pear, see Pear, Oriental**FP 0230                      **Pear***Pyrus communis* L.; *P. pyrifolia* (Burm.) Nakai; *P. bretschneideri* Rhd.; *P. sinensis* L.

- **Pear, Oriental**, see Pear, FP 0230  
*Pyrus pyrifolia* (Burm.) Nakai
- FP 0231 **Quince**  
*Cydonia oblonga* P. Miller;  
Syn: *Cydonia vulgaris* Persoon
- **Sand pear**, see Pear, Oriental
- FP 2223 **Tejocote**  
*Crataegus mexicana* DC.
- FP2224 **Wild pear**  
*Pyrus elaeagnifolia* Pallas

**Appendix III Stone fruits (as extracted from ALINORM 10/33/24, Appendix IX)****Class A****Type 1                      Fruits                      Group 003                      Group Letter Code FS**

Stone fruits are produced on trees belonging to the genus *Prunus* of the rose family (Rosaceae). They are characterized by fleshy tissue surrounding a single hard shelled seed. The fruit is fully exposed to pesticides applied during the growing season (from fruit setting until harvest). Dipping of fruit immediately after harvest, especially with fungicides, may also occur.

The entire fruit, except the seed, may be consumed in a succulent or processed form.

Group 003 A Cherries: Cherry and related species of *Prunus*, which produce stone fruits similar to cherry

Group 003 B Plums: Plum and related species of *Prunus*, which produce stone fruits similar to plum

Group 003 C Peaches: Peach, nectarine, apricot and related species of *Prunus*, which produce stone fruits similar to peach, nectarine and apricot.

Portion of the commodity to which the MRL applies (and which is analysed): Whole commodity after removal of stems and stones, but the residue is calculated and expressed on the whole commodity without stem.

**Group 003                      Stone fruits****Code No.                      Commodity**

FS 0012                      Stone fruits

*Prunus* spp. (includes all commodities in this group)

**Subgroup 003A      Cherries****Code No.                      Commodity**

FS 0013                      Cherries

(includes all commodities in this subgroup)

-                      Capulin, see Cherry, black, FS 2230

*Prunus serotina* Ehrh. subsp. *capuli*

FS 2230                      **Cherry, black** (including capulin)

*Prunus serotina* Ehrh. subsp. *Serotina*;

*Prunus serotina* Ehrh. subsp. *capuli*

FS 2231                      **Cherry, Nanking**

*Prunus tomentosa* Thunb.

FS 0243                      **Cherry, Sour**

*Prunus cerasus* L.

FS 0244                      **Cherry, Sweet**

*Prunus avium* L.

-                      **Cherry, tart**, see Cherry, Sour, FS 0243

- FS 2232            **Choke cherry**  
                           *Prunus virginiana* L.
- **Morello**, see Cherry, Sour, FS 0243  
                           *Prunus cerasus* L., var. *austera* L.

**Subgroup 003B    Plums**

- | <u>Code No.</u> | <u>Commodity</u>   |
|-----------------|--|
| FS 0014         | <b>Plums</b> (including Prunes)<br><br><i>Prunus domestica</i> L.; other <i>Prunus</i> spp and ssp.<br><br>(includes all commodities in this subgroup) |
| FS 0241         | <b>Bullace</b><br><br><i>Prunus insittia</i> L.;<br><br>Syn: <i>Prunus domestica</i> L., ssp. <i>insittia</i> (L.) Schneider                           |
| FS 0242         | <b>Cherry plum</b><br><br><i>Prunus cerasifera</i> Ehrhart, syn: <i>P. divaricata</i> Ledebor <i>P. salicina</i> Lindl., var. Burbank                  |
| -               | <b>Chickasaw plum</b> , see Plum, Chickasaw, FS 0248   |
| -               | <b>Damsons (Damson plums)</b> , see Plum, Damson   |
| -               | <b>Greengages (Greengage plums)</b> , see Plum, Greengage  |
| FS 2233         | <b>Klamath plum</b> ,<br><br><i>Prunus subcordata</i> Benth.   |
| -               | <b>Mirabelle</b> , see Plum, Mirabelle   |
| -               | <b>Myrobolan plum</b> , see Cherry plum, FS 0242   |
| FS 2234         | <b>Plum</b><br><br><i>Prunus domestica</i> L.  |
| -               | <b>Plum, American</b> , see Sloe, FS 0249<br><br><i>Prunus americana</i> Marshall  |
| FS 2235         | <b>Plum, beach</b><br><br><i>Prunus maritime</i> Marshall  |
| FS 0248         | <b>Plum, Chickasaw</b><br><br><i>Prunus angustifolia</i> Marsh.;<br><br>Syn: <i>P. Chicasaw</i> Mich.  |
| -               | <b>Plum, Damson</b> , see Bullace, FS 0241   |

- **Plum, Greengage**, see Plums, FS 0014  
*Prunus insititia* L., var. *italica* (Borkh.) L.M Neum.
- **Plum, Japanese**, see Plums, FS 0014  
*Prunus salicina* Lindley;  
Syn: *P. triflora* Roxb.
- **Plum, Mirabelle**, see Bullace, FS 0241  
*Prunus insititia* L., var. *syriaca*;  
Syn: *P. domestica* L., ssp *insititia* (L.) Schneider
- FS 2236 **Plumcot**  
*Prunus domestica* x *P. armeniaca*
- **Prunes**, see Plums, FS 0014
- FS 0249 **Sloe**  
*Prunus spinosa* L.; several wild *Prunus* spp.

**Subgroup 003A Peaches**

<u>Code No.</u>	<u>Commodity</u>
FS 2001	<b>Peaches</b> (including Nectarine and Apricots) (includes all commodities in this subgroup)
FS 0240	<b>Apricot</b> <i>Prunus armeniaca</i> L.; Syn: <i>Armeniaca vulgaris</i> Lamarck
FS 2237	<b>Japanese apricot</b> <i>Prunus mume</i> Siebold & Zucc.
FS 0245	<b>Nectarine</b> <i>Prunus persica</i> (L.) Batch, var. <i>nectarina</i>
FS 0247	<b>Peach</b> <i>Prunus persica</i> (L.) Batsch; Syn: <i>P. vulgaris</i> Mill.

**Appendix IV Berries and other small fruits (as extracted from ALINORM 10/33/24, Appendix IX)****Class A**

**Type 1                      Fruits                      Group 004                      Group Letter Code FB**

Berries and other small fruits are derived from a variety of perennial plants and shrubs having fruit characterized by a high surface: weight ratio. The fruits are fully exposed to pesticides applied during the growing season (blossoming until harvest).

The entire fruit, often including seed, may be consumed in a succulent or processed form.

Five subgroups are defined:

Group 004 A Caneberries: includes berries originating from canes that are erect or trailing, mainly *Rubus* species

Group 004 B Bushberries: includes berries originating from woody shrubs

Group 004 C Large shrub/tree berries: includes berries originating from large shrubs or trees

Group 004 D Small fruit vine climbing: includes berries originating from climbing vines

Group 004 E Low growing berries: includes berries originating from low growing berries that are short shrubs or herbaceous plants

Portion of commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of caps and stems. Currants, Black, Red, White: fruit with stem.**

**Group 004                      Berries and other small fruits**

**Code No.                      Commodity**

FB 0018                      **Berries and other small fruits**

(includes all commodities in this group)

**Subgroup 004A                      Cane berries**

**Code No.                      Commodity**

FB 2005                      **Cane berries**

*Rubus* species (includes all commodities in this subgroup)

FB 0264                      **Blackberries**

*Rubus fruticosus* auct. aggr., several ssp.

-                      **Boysenberry**, see Dewberries, FB 0266

Hybrid of *Rubus* spp.

FB 0266                      **Dewberries (including Boysenberry and Loganberry)**

*Rubus ceasius* L.; several *Rubus* ssp. and hybrids

-                      **Korean Black Raspberry**, see Raspberries, Red, Black FB 0272

*Rubus coreanus* Miquel.

-                      **Korean Raspberry**, see Raspberries, Red, Black FB 0272

*Rubus crataegifolius* Bunge

-	<b>Loganberry</b> , see Dewberries, FB 0266 <i>Rubus loganobaccus</i> L.H. Bailey, hybrid of <i>Rubus</i> spp.
-	<b>Olallie berry</b> , see Dewberries, FB 0266
FB 0272	<b>Raspberries, Red, Black</b> <i>Rubus idaeus</i> L.; <i>Rubus occidentalis</i> L. ; several <i>Rubus</i> spp. and hybrids, including wild rasp berries <i>Rubus molluccanus</i> L.
-	<b>Youngberry</b> , see Dewberries, FB 0266 <i>Rubus ursinus</i> cv. Young
<b>Subgroup 004B</b>	<b>Bush berries</b>
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
FB 2006	<b>Bush berries</b> (includes all commodities in this subgroup)
FB 0019	<b>Vaccinium berries</b> , including Bearberry, except Cranberry <i>Vaccinium</i> spp.; <i>Arctostaphylos uva-ursi</i> (L.) Spreng.
FB 0020	<b>Blueberries</b> <i>Vaccinium corymbosum</i> L.; <i>Vaccinium angustifolium</i> Ait.; <i>Vaccinium virgatum</i> Aiton; <i>Gaylussacia</i> spp.
FB 2240	<b>Aronia berries</b> <i>Aronia</i> spp.
FB 0260	<b>Bearberry</b> <i>Arctostaphylos uva-ursi</i> (L.) Spreng.
FB 0261	<b>Bilberry</b> <i>Vaccinium myrtillus</i> L.
FB 0262	<b>Bilberry, Bog</b> <i>Vaccinium uliginosum</i> L.
FB 0263	<b>Bilberry, Red</b> <i>Vaccinium vitis-idaea</i> L.
-	<b>Blueberry, Highbush</b> , see Blueberries, FB 0020 <i>Vaccinium corymbosum</i> L.
-	<b>Blueberry, Lowbush</b> , see Blueberries, FB 0020 <i>Vaccinium angustifolium</i> Ait.

- **Blueberry, Rabbiteye**, see Blueberries, FB 0020  
*Vaccinium virgatum* Aiton
- FB 2241 **Buffalo currant**  
*Ribes aureum* var. *villosum* DC. (Syn: *Ribes odoratum* H.Wendl)
- FB 2242 **Chilean guava**  
*Ugni molinae* Turcz. (Syn: *Myrtus ugni* Mol.)
- **Cowberry**, see Bilberry, Red, FB 0263
- FB 0021 **Currants, Black, Red, White**  
*Ribes nigrum* L.; *R. rubrum* L.
- FB 0278 **Currant, Black**, see also Currants, Black, Red, White  
*Ribes nigrum* L.
- FB 0279 **Currant, Red, White**, see also Currants, Black, Red, White  
*Ribes rubrum* L.
- FB 0268 **Gooseberry**  
*Ribes uva-crispa* L. (Syn: *R. grossularia* L.)
- FB 2243 **European barberry**  
*Berberis vulgaris* L.
- **European Blueberry**, see bilberry FB 0261
- FB 2244 **Huckleberries**  
1. Blueberries, see above FB 0020  
2. *Gaylussacia* spp., see Blueberries FB 0020  
Red Huckleberry (*Vaccinium parvifolium* L.)
- FB 2245 **Jostaberries**  
*Ribes x nidigrolaria* Rud. Bauer & A. Bauer
- FB 0270 **Juneberries**  
*Amelanchier* spp.
- FB 2246 **Native currant**  
*Acrotriche depressa* R. Br.
- FB 2247 **Riberries**  
*Syzygium leuhmannii*



FB 0273	<b>Rose hips</b> <i>Rosa</i> L., several spp.
FB 2248	<b>Salal</b> <i>Gaultheria shallon</i> Pursh
FB 2249	<b>Sea buckthorn</b> <i>Hippophae rhamnoides</i> L.
-	<b>Whortleberry, Red</b> , see Bilberry, Red, FB 0263
<b>Subgroup 004C</b>	<b>Large shrub/tree berries</b>
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
FB 2007	<b>Large shrub/tree berries</b> (includes all commodities in this subgroup)
FB 2250	<b>Bayberries</b> <i>Morella</i> spp.
FB 2251	<b>Buffaloberry</b> <i>Shepherdia argentea</i> (Pursh) Nutt.
FB 2252	<b>Che</b> <i>Maclura tricuspidata</i> Carriera
FB 0267	<b>Elderberries</b> <i>Sambucus</i> spp.
FB 2253	<b>Guelder rose</b> <i>Viburnum opulus</i> L.
FB 0271	<b>Mulberries</b> <i>Morus alba</i> L.; <i>Morus nigra</i> L.; <i>Morus rubra</i> L.
FB 2254	<b>Phalsa</b> <i>Grewia asiatica</i> L.
-	<b>Rowan</b> , see Service berries, FB 0274 <i>Sorbus aucuparia</i> L.
FB 0274	<b>Service berries</b> 1. see Juneberries 2. <i>Sorbus torminalis</i> (L.) Crantz; <i>Sorbus domestica</i> L. <i>S. aucuparia</i> L.

FB 2255	<b>Silverberry, Russian</b> <i>Elaeagnus angustifolia</i> L.
<b>Subgroup 004D</b>	<b>Small fruit vine climbing</b>
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
FB 2008	<b>Small fruit vine climbing</b> (includes all commodities in this subgroup)
FB 2256	<b>Arguta kiwifruit</b> <i>Actinidia arguta</i> (Siebold & Zucc.) Planch. ex. Miq.
FB 2257	<b>Amur river grape</b> <i>Vitis amurensis</i> Rupr.
FB 0269	<b>Grapes</b> <i>Vitis vinifera</i> L., several cultivars
FB 2258	<b>Schisandraberry</b> <i>Schisandra chinensis</i> (Turcz.) Baill.
FB 1235	<b>Table-grapes</b> Special cultivars of <i>Vitis vinifera</i> L., suitable for direct human consumption
-	<b>Tara vine</b> , see Arguta kiwifruit, FB 2255
FB 1236	<b>Wine-grapes</b> Special cultivars of <i>Vitis vinifera</i> L., suitable for preparing juice and fermenting into wine
<b>Subgroup 004E</b>	<b>Low growing berries</b>
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
FB 2009	<b>Low growing berries</b> (includes all commodities in this subgroup)
-	<b>Bakeapple</b> , see Cloudberry, FB 0277
FB 0265	<b>Cranberry</b> <i>Vaccinium macrocarpon</i> Aiton
FB 0277	<b>Cloudberry</b> <i>Rubus chamaemorus</i> L.
FB 2259	<b>Muntries</b> <i>Kunzea pomifera</i> F. Muell.

FB 2260

**Partridge berry***Mitchella repens* L.

-

**Squaw vine**, see Partridge berry, FB 2259

FB 0275

**Strawberry***Fragaria x ananassa* Duchene ex Rozier

FB 0276

**Strawberries, Wild***Fragaria vesca* L.; *Fragaria moschata* Duchene

-

**Strawberry , Musky**, see Strawberries wild, FB 0276*Fragaria moschata* Duchene