

# codex alimentarius commission



FOOD AND AGRICULTURE  
ORGANIZATION  
OF THE UNITED NATIONS

WORLD  
HEALTH  
ORGANIZATION



JOINT OFFICE: Viale delle Terme di Caracalla 00153 ROME Tel: 39 06 57051 www.codexalimentarius.net Email: codex@fao.org Facsimile: 39 06 5705 4593

Agenda Item 6 (c)

CX/PR 10/42/6  
January 2010

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME

### CODEX COMMITTEE ON PESTICIDE RESIDUES

Forty-second Session

Xian, China, 19 - 24 April 2010

#### PROPOSED DRAFT REVISION OF THE CODEX CLASSIFICATION OF FOODS AND ANIMAL FEEDS AT STEP 4: *OTHER COMMODITY GROUPS* - "TREE NUTS", "HERBS", AND "SPICES" AT STEP 3 OF THE PROCEDURE

Governments and interested international organizations are invited to submit comments on the above document at Step 3 and should do so in writing, preferably by an email **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) **with copies to:** Ms Erica MULLER, Plant Protection Expert, Ministry of Agriculture, Nature and Food Quality, Plant Protection Service, P.O. Box 9102, 6700 HC Wageningen, The Netherlands, Fax: +31 317 421701, E-mail: [e.muller@minlnv.nl](mailto:e.muller@minlnv.nl) and **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) or fax: +39-06-5705-4593 **by 15 March 2010.**

#### BACKGROUND

1. At the request of the 36<sup>th</sup> Session of the Committee (2004), the 27<sup>th</sup> Session of the Commission in 2004 had approved new work on the limited revision of the Codex Classification of Foods and Animal Feeds and requested the Delegation of The Netherlands with assistance of Japan to prepare a revised version for consideration by the 37<sup>th</sup> Session of the Committee.
2. The 37<sup>th</sup> Session of the Committee had noted that an international expert group under auspice of the United States was working on the crop grouping and that this work might be of interest to the Committee. The Committee also noted the ongoing work in some countries regarding the selection of representative crops for each crop group and on the extrapolation of MRLs, and was of the view that more international efforts were necessary in this area. The Committee agreed to advance the new commodity codes and numbers for which MRLs existed to Step 5/8 and also agreed that the Delegation of the Netherlands would revise the Classification on the basis of comments received for circulation at Step 3 and consideration by the 38<sup>th</sup> Session of the Committee.
3. While considering the Classification at the 38<sup>th</sup> Session of the CCPR at Step 3 in 2006, several governments favoured a more expanded revision and submitted proposals on how to amend the Classification, therefore the Committee agreed to ask the 28<sup>th</sup> Session of the Commission to approve the new work on the extended revision of the Codex Classification of Foods and Animal Feeds and the above session of the Commission had approved it. The Committee also agreed that an electronic working group led by the

Netherlands would revise the Classification in line with Project Document for circulation at Step 3 and consideration by the 39<sup>th</sup> Session of the Committee.

4. The 39<sup>th</sup> Session of the Committee (2007) generally supported the working methods and procedures recommended by the electronic working group and agreed that further proposals should be prepared for the revision of the classification. The Committee also agreed that principles and guidance on the selection of representative crops for the extrapolation of MRLs to commodity groups should be considered by the working group but should be developed as a separate document.

5. The Committee tentatively agreed with the timetable as listed in Paragraph 9 of the document, while noting that some adjustment might be necessary in the future. The Committee also agreed that the revised individual commodity groups should not be adopted until all the revisions had been completed in order to avoid problems, especially with the transfer of commodities from one group to the other. The Committee noted that the proposed revised commodity groups would be referred to relevant committees for information as appropriate.

6. The Committee agreed to return the proposed draft revision of the two commodity groups, “Bulb Vegetables” and “Fruiting Vegetables, other than Cucurbits” in the Codex Classification of Foods and Animal Feeds to Step 3 and to circulate them for comments and further discussion at the next session.

7. The Committee agreed to re-establish the Electronic Working Group led by the Netherlands and the United States, working in English, which would prepare:

- Revised commodity groups for “Bulb Vegetables” and “Fruiting Vegetables, other than Cucurbits”, if necessary, taking into account the comments received in response to the Circular Letter;
- Proposals for other commodity groups according to the agreed time table; and
- A draft document outlining the principles of and guidance on the selection of representative crops for the purposes of extrapolation of MRLs.

8. At the 40<sup>th</sup> Session (2008), the Delegation of The Netherlands indicated that the working group had revised the commodity groups for “Bulb Vegetables” and “Fruiting Vegetables, Other than Cucurbits” in the light of the comments received and indicated that due to delay in the work of the International Crop Grouping Consulting Committee and to limited resources, the working group had completed its work only on the commodity groups “Berries and Small Fruits” and “Edible Fungi”. In addition, the working group had also initiated work on “Citrus Fruits” and “Oilseeds”. The Delegation pointed out that some codes were missing for “Bulb Vegetables” and “Fruiting Vegetables, other than Cucurbits” and that additional work would be required on the code system, in order to provide codes.

9. The Committee agreed re-establish the electronic working group led by The Netherlands and the USA to continue the revision of the classification according to the agreed time table, including redrafting the commodity groups “Bulb vegetables” and “Fruiting vegetables, Other than Cucurbits”, taking into account the comments presented at the session; the redrafting of the commodity groups “Berries and small fruits” and Edible fungi; and the revision of the coding system.

10. The Committee agreed that the document on the Principles and Guidance on the Selection of Representative Commodities should be developed separately from the revision of the Classification.

11. At the 41<sup>st</sup> Session (2009), the Committee agreed on the proposal for the coding system to retain the current coding system, add only codes for new commodity groups and commodities and remove the codes for synonyms, while maintaining the synonyms in the classification for easy reference.

12. The Committee agreed to forward to the Commission the proposed Draft Revision of the Classification for the eight commodity groups for adoption at Step 5. The Committee further agreed to re-establish the electronic working group led by the Netherlands and the United States of America, which would consider the unsolved issues in commodity groups of “Fruiting vegetables, other than Cucurbits”,

“Pome fruits” and “Oilseeds” and prepare new draft proposals for other commodity groups according to the schedule earlier agreed to by the Committee.

### **New Commodity Groups: “Tree Nuts”, ”Herbs” and “Spices”**

13. During the last year the work on the revision of the Codex Classification of Foods and Animal Feed has been continued on three commodity groups: “Tree Nuts”, “Herbs” and “Spices”. The working documents with the proposals for these revised subgroups were sent to the electronic working groups for comments. The proposals are amended according to the received comments. The proposals for the revised commodity groups are presented in Annex 1, 2 and 3. The working documents with further background information could be sent upon request.

#### **Tree Nuts**

14. The proposed revised group Tree nuts is included in Appendix 1.

15. There was no need to subgroup this commodity group.

16. The commodities proposed to include in the Tree nuts group are listed below.

- TN 3100 African nut
- TN 3101 Brazilian pine
- TN 3102 Bunya
- TN 3103 Bur oak
- Cajou nut– (included in cashew nut) reference to cashew nut
- TN 3104 Candle nut
- Castanha-do-maranhão - (included in pachira nut) reference to pachira nut
- TN 3105 Dika nut
- TN 3106 Ginkgo nut
- Guiana chestnut - (included in pachira nut) reference to pachira nut
- Heartnut - include in walnuts, with reference to walnuts
- TN 3107 Mongongo
- Monkey-pot, reference to Sapucaia nut
- TN 3108 Okari nut
- TN 3109 Pequi seed

17. From the limited revision project 4 new commodities were proposed to include in this group: Brazilian pine, Castanha-do-maranhão, Guiana chestnut, Monkey-pot. The other new commodities originate from the expanded US crop grouping system by the International Crop Grouping Consulting Committee (ICGCC).

18. Bettel nuts were not included in this group. They are mainly used as masticator. These nuts contain alkaloids (arecoline and arecaidine) and are considered to be a known carcinogenic. It could be considered to include these nuts in the group of “Seeds for beverages and sweets” and change the name of the group to “Seeds for beverages, sweets and stimulants”.

19. Some discussions were on the following commodities still in the proposal:

- Candle nut is also used as a spice, but classified in the tree nuts group
- Pequi seed. The fruit is also consumed and is a candidate to be included in the assorted tropical and subtropical fruits. The MRL on the fruit will also cover the nut.
- Nuts gathered from the wild, such as Brazilian pine, Bur oak, Bunya and Mongongo. The need for MRL setting on these commodities is not necessary, because use of pesticides and drift is limited.

**HERBS**

20. The proposed revised group Herbs is included in Appendix 2.

There was a need to separate leaves of woody plants (trees and shrubs), which are used as herbs or spices from the herbs from herbaceous plants. The US system (draft) has a group of leaf spices. Some of these spices are classified in the Codex Classification as Herbs. In the definition of Spices in the Codex Classification "leaves" as spices are not mentioned. Therefore they are included in the group of Herbs and the group is divided in two subgroups: Herbs and Leaves of woody plants.

21. The commodities proposed to include in the Herbs group are listed below.

- Aniseed myrtle
- Boldo
- Borage, Indian
- Calamint
- Caraway leaves
- Cilantro
- Coriander, Bolivian
- Coriander, Vietnamese
- Culantro
- Edible flowers
- Epazote
- Eucalyptus
- Fennel, Spanish
- Geranium (lemon, rose)
- Hyssop, anise
- Kaffir lime leaves
- Lemongrass
- Lemon myrtle
- Marigold
- Meadowsweet
- Monarda
- Native mint
- Nettle
- Origanum, Mexican
- Pandan leaf
- Pennywort
- Pepper leaves
- Pepperbush leaves
- Perrilla
- Rice paddy herb
- Tejpat leaves (Malabathrum)
- Violet
- Waterpepper, Japanese
- Yarrow
- Yomogi

22. From the limited revision project several commodities were proposed to include in this group: Aniseed myrtle, Cilantro, Edible flowers, Epazote, Geranium, Kaffir lime leaves, lemongrass, lemon myrtle, Native mint, Pennywort and Vietnamese mint (= Vietnamese coriander). The other new commodities originate from the expanded US crop grouping system by the International Crop Grouping Consulting Committee (ICGCC).

23. In the subgroup leaves of woody plants the following commodities are included:

anise myrtle, bay, boldo, curry leaves, eucalyptus, kaffir lime leaves, tejpat leaves, lemon myrtle, native mint, pepper leaves, pepperbush leaves, rue, sage and sassafras leaves. The other Commodities are included in the subgroup of Herbs (herbaceous plants).

24. From the current Classification the following commodities are deleted: Tansy, Wormwood, Woodruff (high levels of coumarin) and Pennyroyal, because of toxicity. Burning bush, (Cretan Dittany) are also deleted because they have only medicinal uses.

25. Japan has proposed to include in comments on the first draft of this working document circulating in the Electronic working group to include some new commodities. The following are included in this group:

- Anise
- Curry plant
- Fenugreek leaves,
- Japanese pepper leaves (in group 027B)
- Mioga (moved from the spices group)
- Perilla
- Stevia (sweetener)
- Wasabi leaves

### **Spices**

26. The proposed revised group Spices is included in Appendix 3.

27. At the CCPR 36 it was decided to divide group Spices Group 28 into 7 subgroups:

- 028A Seeds
- 028B Fruit or berry
- 028C Bark
- 028D Root or rhizome
- 028E Buds
- 028F Flower or stigma
- 028G Aril

28. The commodities proposed to include in the Spices group are listed below.

- Ajwain
- Asafetida
- Black caraway
- Cardamom, black
- Chia
- Culantro seed
- Cumin, black
- Grains of Selim
- Honewort seed
- Mahleb

- Mastic
- Miracle fruit
- Pepper, Cubeb
- Pepper, Sichuan
- Pepperbush berry
- Peppertree
- Red cinchona
- Saffron
- Star anise
- Wattle seed

29. From the limited revision project some new commodities were proposed to include in this group Ajwain, Asafetida, Black caraway, Saffron, Star anise and Wattle seed. The other new commodities originate from the expanded US crop grouping system by the International Crop Grouping Consulting Committee (ICGCC).

30. Japan has proposed to include in comments on the first draft of this working document circulating in the Electronic working group to include some new commodities. The following are included in this group and the scientific name *T. caerulea* (L.) Ser. to Fenugreek seed is added:

- Basil seed (in 028A)
- Gardenia fruit in 028B)
- Parsley seed (in 028A)
- Zeodary (in 028D)

31. From the current Classification the following commodities are deleted or changed: Calamus, root has only medicinal use and is a psychotropic drug. Elecampane, root is used to manufacture absinthe (spirit) and is banned in several countries. Allspice will be the official name for Pimento. Tonka bean (reference) is deleted because of concerns about toxicity.

### **Recommendations**

33. The EWG proposes to consider the proposals for Tree nuts, Herbs and Spices at Step 4 in light of comments received and advance these proposals for adoption at Step 5.

34. EWG proposes to the Committee to re-establish the Electronic working group led by The Netherlands and the USA, working in English and open to all Members and observers, which should prepare proposals for commodity groups according to the progress made by the ICGCC.

## Appendix 1

### Tree nuts

#### **Class A**

#### **Type 4                    Nuts and seeds    Group 022    Group Letter Code TN**

Group 022, Tree nuts are the seeds of a variety of trees and shrubs, which are characterized by a hard inedible shell enclosing an oily seed.

The seed is protected from pesticides applied during the growing season by the shell and other parts of the fruit.

The edible portion of the nut is consumed in succulent, dried or processed forms.

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity after removal of shell. Chestnuts: whole in skin.**

#### **Group 022    Tree nuts**

#### **Code No.                    Commodity**

TN 0085	<b>Tree nuts</b> (includes all commodities in this group)
TN 3100	<b>African nut</b> <i>Ricinodendron heudelotii</i> (Baill.) Heckel
TN 0660	<b>Almonds</b> <i>Prunus dulcis</i> (Mill.) D. A. Webb, syn: <i>Amygdalus communis</i> L., <i>Prunus amygdalus</i> Batsch.
TN 0661	<b>Beech nuts</b> <i>Fagus sylvatica</i> L.; <i>F. grandifolia</i> Ehrh.
TN 0662	<b>Brazil nut</b> <i>Bertholletia excelsa</i> Humb. & Bonpl.
TN 3101	<b>Brazilian pine</b> <i>Araucaria angustifolia</i> (Bertol.) Kuntze
TN 3102	<b>Bunya</b> <i>Araucaria bidwillii</i> Hook
TN 3103	<b>Bur oak</b> <i>Quercus macrocarpa</i> Michx.
-	<b>Bush nut</b> , see Macadamia nut, TN 0669
TN 0663	<b>Butter nut</b> <i>Juglans cinerea</i> L.
-	<b>Cajou</b> , see Cashew nut, TN 0295 <i>Anacardium giganteum</i> Hancock ex Engl.
TN 3104	<b>Candle nut</b> <i>Aleurites moluccanus</i> (L.) Willd.
TN 0295	<b>Cashew nut</b> <i>Anacardium occidentale</i> L.; <i>Anacardium giganteum</i> Hancock ex Engl.

- **Castanha-do-maranhão**, see Pachira nut, TN 0670  
*Pachira glabra* Pasq.  
Syn : *Bombacopsis glabra* (Pasq.) A. Robyns
- TN 0664 **Chestnuts**  
*Castanea* spp.
- **Chinquapin**, see Chestnuts, TN 0664  
*Castanea pumila* (L.) Mill.
- TN 0665 **Coconut**  
*Cocos nucifera* L.
- TN 3105 **Dika nut**  
*Irvingia gabonensis* (Aubry-Lecomte ex O'Rorke) Baill.
- **Filberts**, see Hazelnuts, TN 0666  
*Corylus maxima* Mill.
- TN 3106 **Ginkgo**  
*Ginkgo biloba* L.
- **Guiana chestnut**, see Pachira nut, TN 0670  
*Pachira aquatica* Aubl.
- **Heartnut**, see Walnuts, TN 0678  
*Juglans ailantifolia* var. *cordiformis* (Makino) Rehder
- TN 0666 **Hazelnuts**  
*Corylus avellana* L.; *C. maxima* Mill.;  
*C. americana* Marschall; *C. californica* (A. DC.) Rose
- TN 0667 **Hickory nuts**  
*Carya ovata* (Mill.) K. Koch.; *C. glabra* (Mill.) Sweet; other sweet *Carya* species
- TN 0668 **Japanese horse-chestnut**  
*Aesculus turbinata* Blume;
- **Java almonds**, see Pili nuts, TN 0673  
*Canarium vulgare* Leenh.; *C indicum* L.
- TN 0669 **Macadamia nuts**  
*Macadamia ternifolia* F. Muell.; *M. tetraphylla* L.A.S. Johnson; *M. integifolia* Maiden & Betche
- TN 3107 **Mongongo**  
*Schinziophyton rautanenii* Schinz) Radcl.-Sm
- **Monkey-pot**, see Sapucaia nut, TN 0676  
*Lecythis pisonis* Cambess.
- TN 3108 **Okari nut**  
*Terminalia kaernbachii* Warb.



- TN 0670      **Pachira nut**  
*Pachira insignis* Savigny; *Pachira glabra* Pasq.; *Pachira aquatica* Aubl.
- TN 0671      **Paradise nut**, see Sapucaia nut  
*Lecythis zabucajo* Aubl.
- TN 0672      **Pecan**  
*Carya illinoensis* (Wangenh.) K. Koch
- TN 3109      **Pequi seed**  
*Caryocar brasiliense* Cambess.
- **Pignolia or Pignoli**, see Pine nuts, TN 0673
- TN 0674      **Pili nuts**  
*Canarium ovatum* Engl.; *C. luzonicum* A Gray; *Canarium vulgare* Leenh.; *C indicum* L.
- TN 0673      **Pine nuts**  
Mainly *Pinus pinea* L.; also  
*P. cembra* L.; *P. edulis* Engelm.; *P. sibirica* Du Tour; *P. Koraiensis* Siebold & Zucc.; *P. Gerardiana* Wall. Ex D. Don; *P. Monophylla* Torr & Frém.  
and other *Pinus* species
- **Pinocchi**, see Pine nuts, TN 0673
- **Piñon nut**, see Pine nuts, TN 0673
- TN 0675      **Pistachio nut**  
*Pistachio vera* L.
- **Queensland nut**, see Macadamia nut, TN 0669
- TN 0676      **Sapucaia nut**  
*Lecythis zabucajo* Aubl.; *L. minor* Jacq.; *L. ollaria* Loefl.; *L. pisonis* Cambess
- TN 0677      **Tropical almond**  
*Terminalia catappa* L.
- TN 0678      **Walnuts**  
*Juglans regia* L.; *J. nigra* L. *J. hindsii* Jeps. Ex R.E. Sm.; *J. microcarpa* Berland var. *microcarpa*; *Juglans ailantifolia* var. *cordiformis* (Makino) Rehder
- **Walnut, Black**, see Walnuts, TN 0789  
*Juglans nigra* L. ; *J. hindsii* Jeps. Ex R.E. Sm.; *J. microcarpa* Berland var. *microcarpa*
- **Walnut, English; Walnut, Persian**, see Walnuts, TN 0678  
*Juglans regia* L.

## Appendix 2

### Herbs

#### Class A

#### Type 5 Herbs and spices Group 027 Group Letter Code HH

Herbs consist of leaves, flowers, stems and roots from a variety of (herbaceous) plants, used in relatively small amounts as condiments to flavour foods or beverages. They are used either in fresh or naturally dried form.

Herbs are fully exposed to pesticides applied during the growing season. Post-harvest treatments are often carried out on dried herbs.

Herbs are consumed as components of other foods in succulent and dried forms or as extracts of the succulent products.

The group Herbs is divided in two subgroups:

027A Herbs (herbaceous plants)

027B Leaves of woody plants (leaves of shrubs and trees)

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as prepared for wholesale or retail distribution.**

#### Group 027 Herbs

##### Code No.                      Commodity

HH 0092                      **Herbs**  
(includes all commodities in this group)

#### Group 027A Herbs (herbaceous plants)

##### Code No.                      Commodity

HH 2095                      **Herbs (herbaceous plants)**  
(includes all commodities in this subgroup)

HH 0720                      **Angelica**  
*Angelica archangelica* L.; *A. sylvestris* L.

HH 3190                      **Anise**  
*Pimpinella anisum* L.

HH 0721                      **Balm leaves**  
*Melissa officinalis* L.

HH 0722                      **Basil**  
*Ocimum basilicum* L. *Ocimum x citrodorum* Vis.; *O. minimum* L.; *O. americanum* L.; *O. gratissimum* L.; *O. tenuiflorum* L.

HH 0724                      **Borage**  
*Borago officinalis* L.

HH 3191                      **Borage, Indian**  
*Plectranthus amboinicus* (Lour.) Spreng.

HH 0725	<b>Burnet</b> <i>Sanguisorba officinalis</i> L.; <i>Sanguisorba minor</i> Scop.
HH 3192	<b>Calamint</b> <i>Calamintha grandiflora</i> (L.) Moench ; <i>Calamintha nepeta</i> (L.) Savi
HH 0737	<b>Calendula Flowers</b> <i>Calendula officinalis</i> L.
HH 3193	<b>Carraway leaves</b> <i>Carum carvi</i> L.
HH 0726	<b>Catmint</b> <i>Nepeta cataria</i> L.
-	<b>Catnip</b> , see Catmint, HH 0726
HH 0624	<b>Celery leaves</b> <i>Apium graveolens</i> L.; var. <i>seccalinum</i> (Alef) Mansf.
-	<b>Chervil</b> , VL 0465, see Group 013: Leafy vegetables
HH 0727	<b>Chives</b> , VA 2605, see Group 009: Bulb vegetables
HH 3194	<b>Cilantro</b> <i>Coriandrum sativum</i> L.
-	<b>Clary</b> , see Sage (and related <i>Salvia</i> species), HH 0743 <i>Salvia sclarea</i> L.
HH 3195	<b>Coriander, Bolivian</b> <i>Porophyllum ruderale</i> (Jacq.) Cass.
HH 3196	<b>Coriander, Vietnamese</b> <i>Persicaria odorata</i> (Lour.) Sojak.
HH 0748	<b>Costmary</b> <i>Tanacetum balsamita</i> L.;
HH 3197	<b>Culantro</b> <i>Eryngium foetidum</i> L.
HH 3198	<b>Curry plant</b> <i>Helichrysum italicum</i> (Roth.)G. Don
-	<b>Daylily</b> , see Group 009: Bulb vegetables, VA 2600
HH 0730	<b>Dill</b> <i>Anethum graveolens</i> L.
HH 3199	<b>Edible flowers</b> Varous edible flowers
HH 3200	<b>Epazote</b>

- Dysphania ambrosioides* (L.) Mosyakin & Clemants
- **Estragon**, see Tarragon, HH 0749
- **Fennel, Bulb**, see Group 017: Stalk and Stem vegetables, VA 0380
- HH 0731 **Fennel leaves**  
*Foeniculum vulgare* Mill.;
- HH 3201 **Fennel, Spanish**  
*Nigella hispanica* L. and *Nigella damascena* L.
- HH 3202 **Fenugreek leaves**  
*Trigonella foenum-graecum* L.
- HH 3203 **Geranium (lemon, rose)**  
*Pelargonium crispum* (P.J. Bergius) L'Her and *Pelargonium graveolens* L'Her
- HH 0732 **Horehound**  
*Marrubium vulgare* L.
- HH 0733 **Hyssop**  
*Hyssopus officinalis* L.
- HH 3204 **Hyssop, anise**  
*Agastache foeniculum* (Pursh) Kuntze ; *Agastache rugosa* (Fisch. & C.A. Mey) Kuntze
- HH 0734 **Lavender**  
*Lavendula angustifolia* Mill.;
- HH 3205 **Lemongrass**  
*Cymbopogon citrates* (DC.)Stapf
- HH 0735 **Lovage**  
*Levisticum officinale* Koch.
- HH 3206 **Marigold**  
*Tagetes erecta* L.; *T. patula* L.; *T. lucida* Cav.; *T. tenuifolia* Cav.
- HH 0736 **Marjoram**  
*Origanum marjorana* L.; *Origanum vulgare* L. *Origanum onites* L.
- HH 3207 **Meadowsweet**  
*Filipendula ulmaria* (L.) Maxim.
- HH 0738 **Mints**  
Several *Mentha* species and hybrids; (see also individual Mints)  
including *Mentha spicata* L.; *M. x piperata* L.; *Mentha x gracilis* Sole; *M. aquatica* L.; *M. longifolia* (L.) Huds.; *M. arvensis* L.; *M. suaveolens* Ehrh.
- HH 3208 **Mioga** (shoots and flower buds)  
*Zingiber mioga* (Thunb.) Roscoe
- HH 3209 **Monarda**

*Monarda didyma* L.; *M. fistulosa* L.; *M punctata* L.

- **Mugwort**, see see Southernwood, HH 0754

*Artemisia vulgaris* L.

- **Myrrh**, see Sweet Cicely, HH 0747

HH 0739 **Nasturtium, leaves**

*Tropaeolum majus* L.; *T. minus* L.

HH 3210 **Nettle**

*Urtica dioica* L.

- **Oregano**, see Marjoram, HH 0736

HH 3211 **Oregano, Mexican**

*Lippia graveolens* Kunth; *L. micromera* Schauer

HH 3212 **Pandan leaves**

*Pandanus amaryllifolius* Roxb.

HH 0740 **Parsley**

*Petroselinum crispum* (Mill.) Nyman ex A. W. Hill;

syn: *P. sativum* Hoffm.; *P. hortense* auct.

*P. crispum* var. *neapolitanum* Danert

HH 3213 **Pennywort**

*Centella asiatica* (L.) Urb.

- **Peppermint**, see Mints, HH 0738

*Mentha x piperita* L.

HH 3214 **Perrilla**

*Perrilla frutescens* (L.) Britton

HH 3215 **Rice paddy herb**

*Linnophila chinensis* (Osbeck) Merr.

HH 0741 **Rosemary**

*Rosmarinus officinalis* L.

HH 0745 **Savory, Summer; Winter**

*Satureja hortensis* L.; *S. montana* L.

HH 0746 **Sorrel, Common**, and related *Rumex* species

among others *Rumex acetosa* L.; *R. scutatus* L.; *R. patientia* L.

HH 0754 **Southernwood**

*Artemisia abrotanum* L.; *A. pontica* L.

- **Spearmint**, see Mints, HH 0738

*Mentha spicata* L.;

HH 3216 **Stevia**

*Stevia rebaudiana* (Bertoni) Bertoni

- **Stink weed**, see Culantro, HH 3197

	<i>Eryngium foetidum</i> L.
-	<b>Swamp leaf</b> , see Rice paddy herb, HH 3215
HH 0747	<b>Sweet Cicely</b>
	<i>Myrrhis odorata</i> (L.) Scop.
HH 0749	<b>Tarragon</b>
	<i>Artemisia dracunculus</i> L.
HH 0750	<b>Thyme</b>
	<i>Thymus vulgaris</i> L.; <i>Th. serpyllum</i> L.; <i>Th. citriodorus</i> (Pers.) Schreb. and <i>Thymus</i> hybrids.
-	<b>Vietnamese mint</b> , see Coriander, Vietnamese, HH 3196
	<i>Polygonum odoratum</i> Lour.
HH 3217	<b>Violet</b>
	<i>Viola odorata</i> L.: <i>V. tricolor</i> L.
HH 3218	<b>Wasabi leaves</b>
	<i>Wasabia japonica</i> (Miq.) Matsum.
-	<b>Watercress</b> , see Group 013: Leafy vegetables, VL 0473
HH 3219	<b>Waterpepper, Japanese</b>
	<i>Persicaria hydropiper</i> (L.) Delabre
HH 0751	<b>Winter cress, Common; American</b>
	<i>Barbarea vulgaris</i> W.T. Aiton.; <i>B. verna</i> (Mill.) Asch.
HH 0752	<b>Wintergreen leaves</b>
	<i>Gaultheria procumbens</i> L.
	(not including herbs of the Wintergreen family ( <i>Pyrolaceae</i> ))
HH 3220	<b>Yarrow</b>
	<i>Achillea millefolium</i> L.
HH 3221	<b>Yomogi</b>
	<i>Artemisia indica</i> Willd. var. <i>maximowizii</i> (Nakai) H. Hara

Group 027B Leaves of woody plants

<u>Code No.</u>	<u>Commodity</u>
HH 2096	<b>Leaves of woody plants</b>
	(includes all commodities in this subgroup)
HH 3230	<b>Aniseed myrtle</b>
	<i>Syzygium anisatum</i> (Vickery) Craven & Biffen
HH 0723	<b>Bay leaves</b>
	<i>Laurus nobilis</i> L.
HH 3231	<b>Boldo</b>
	<i>Peumus boldus</i> Molina
HH 0729	<b>Curry leaves</b>
	<i>Bergera koenigii</i> L.

- HH 3232        **Eucalyptus**  
                  *Eucalyptus spp.*
- HH 3233        **Japanese pepper leaves**  
                  *Zanthoxylum piperitum* (L.) DC.
- HH 3234        **Kaffir lime leaves**  
                  *Citrus hystrix* DC.
- HH 3235        **Lemon myrtle**  
                  *Backhousia citriodora* F. Muell.
- **Malabathrum**, see Tejpat leaves, HH 0744
- HH 3236        **Native mint**  
                  *Prostanthera incise* R. Br , *P. rotundifolia* R. Br.
- HH 3237        **Pepper, leaves**                *Piper spp.*
- HH 3238        **Pepperbush, leaves**  
                  *Tasmania lanceolata* (Poir.) A.C. Sm. ;*T. stipitata* (Vick.)
- HH 0742        **Rue**  
                  *Ruta graveolens* L.
- HH 0743        **Sage and related Salvia species**  
                  *Salvia officinalis* L.; *S. sclarea* L.
- HH 0744        **Sassafras leaves**  
                  *Sassafras albidum* (Nutt.) Nees
- HH 3239        **Tejpat leaves**  
                  *Cinnamomum tamala* (Buch.-Ham) Nees & Eberm.

### Appendix 3

#### Spices

##### **Class A**

##### **Type 5 Herbs and spices Group 028 Group Letter Code HS**

Group 028. Spices consist of the aromatic seeds, buds, roots, rhizomes, bark, pods, flowers or parts thereof, berries or other fruits from a variety of plants, which are used in relatively small quantities to flavour foods.

Spices are exposed in varying degrees to pesticides applied during the growing season. Also post harvest treatment may be applied to spices in the dried form.

They are consumed primarily in the dried form as condiment.

#### Sub grouping of the group

At the CCPR 36 it was decided to divide group Spices Group 28 into 7 subgroups:

028A Seeds

028B Fruit or berry

028C Bark

028D Root or rhizome

028E Buds

028F Flower or stigma

028G Aril

Portion of the commodity to which MRL applies (and which is analysed): Unless specified, whole commodity as marketed, mainly in the dried form.

#### **Group 028 Spices**

<u>Code No.</u>	<u>Commodity</u>
HS 0093	<b>Spices</b> (includes all commodities in this group)

#### **Group 028A Seeds**

<u>Code No.</u>	<u>Commodity</u>
HS 0190	<b>Spices, seeds</b> (includes all commodities in this subgroup)
HS 3280	<b>Ajwain</b> <i>Trachyspermum ammi</i> (L.) Sprague ex Turrill
HS 0720	<b>Angelica seed</b> <i>Angelica archangelica</i> L.; <i>A. sylvestris</i> L.
-	<b>Aniseed</b> , see Anise seed, HS 0771
HS 0771	<b>Anise seed</b> <i>Pimpinella anisum</i> L.
HS 0722	<b>Basil seed</b> <i>Ocimum</i> spp.
HS 3281	<b>Black caraway</b>



	<i>Nigella sativa</i> L.
HS 0774	<b>Caraway seed</b>
	<i>Carum carvi</i> L.
HS 0775	<b>Cardamom seed</b>
	<i>Elettaria cardamomum</i> (L.) Maton
HS 0624	<b>Celery seed</b>
	<i>Apium graveolens</i> L.
HS 3282	<b>Chia</b>
	<i>Salvia hispanica</i> L.
HS 0779	<b>Coriander, seed</b>
	<i>Coriandrum sativum</i> L.
HS 3283	<b>Culantro seed</b>
	<i>Eryngium foetidum</i> L.
HS 0780	<b>Cumin seed</b>
	<i>Cuminum cyminum</i> L.
HS 0730	<b>Dill seed</b>
	<i>Anethum graveolens</i> L.
HS 0731	<b>Fennel, seed</b>
	<i>Foeniculum vulgare</i> Mill.;
	syn: <i>F. officinale</i> All; <i>F. capilaceum</i> Gilib.
HS 0782	<b>Fenugreek, seed</b>
	<i>Trigonella foenum-graecum</i> L.; <i>T. caerulea</i> (L.) Ser.
HS 3284	<b>Honewort seed</b>
	<i>Cryptotaenia japonica</i> Hassk.
HS 0735	<b>Lovage, seed</b>
	<i>Levisticum officinale</i> Koch.
HS 3285	<b>Mahleb</b>
	<i>Prunus mahaleb</i> L.
HS 0789	<b>Nutmeg</b>
	Seed of <i>Myristica fragrans</i> Houtt.
HS 0740	<b>Parsley seed</b>
	<i>Petroselinum crispum</i> (Mill.) Nyman ex A. W. Hill;
-	<b>Poppy seed</b> , SO 0495, see Group 023: Oilseed
-	<b>Sesame seed</b> , SO 01700, see Group 023: Oilseed
HS 3286	<b>Wattle seed</b>
	<i>Acacia victoriae</i> Bent. and other spp.
<b>Group 028B Fruit or berry</b>	
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
HS 0191	<b>Spices, fruit or berries</b> (includes all commodities in this subgroup)

- HS 0792      **Allspice fruit**  
                  *Pimenta dioica* (L.) Merrill;
- HS 3290      **Cardamom, black**  
                  *Amomum tsao-ko* Crevost & Lemarié ; *A. subulatum* Roxb.; *A. compactum*  
Sol.ex Maton
- HS 3291      **Cumin, black**  
                  *Bunium persicum* (Boiss.) B. Fedtsch.
- HS 3292      **Gardenia fruit**  
                  *Gardenia jasminoides* J.Ellis
- HS 0785      **Grains of paradise**  
                  *Aframomum melegueta* (Rosc.) K Schum. ;  
                  syn: *Amomum melegueta* Rosc.
- HS 3293      **Grains of Selim**  
                  *Xylopiya aethiopica* (Dunal) A. Rich.
- HS 0786      **Juniper, berry**  
                  *Juniperis communis* L.
- HS 3294      **Miracle fruit**  
                  *Synsepalum dulciferum* (Scumach. & Thonn.) Daniell
- HS 0739      **Nasturtium pods**  
                  *Tropaeolum majus* L.; *T. Minus* L.
- HS 0790      **Pepper, Black; White** (see Note)  
                  *Piper nigrum* L.
- HS 3295      **Pepper, Cubeb**  
                  *Piper, cuceba* L. f.
- HS 0791      **Pepper, Long**  
                  *Piper longum* L. ; *P. retrofractum* Vahl.;
- HS 3296      **Pepper, Sichuan**  
                  *Zanthoxylum bungeanum* Maxim.; *Z. schinifolium* Siebold & Zucc.; *Z.*  
*simulans* Hance; *Z. piperitum* (L.) DC
- HS 3297      **Peperbush berry**  
                  *Tasmania lanceolata* (Poir.) A.C. Sm. ; *T. stipitata* (Vick.) A.C. Smith
- HS 3298      **Peppertree**  
                  *Schinus terebinthifolius* Raddi; *S. molle* L.
- **Pimento, fruit**, see Allspice, fruit, HS 0792
- HS 3299      **Star anise**  
                  *Illicium verum* Hook.f.
- HS 0369      **Tamarind**, see also Group 006: Assorted tropical and sub-tropical fruits - inedible peel  
                  *Tamarindus indica* L., sour varieties

HS 0795 **Vanilla, beans**  
*Vanilla planifolia* Andrews

**Group 028C Bark**

<u>Code No.</u>	<u>Commodity</u>
HS 0192	<b>Spices, bark</b> (includes all commodities in this subgroup)
-	<b>Cassia bark</b> , see Cinnamon bark (including Cinnamon, Chinese bark), HS 0777
HS 0777	<b>Cinnamon bark</b> (including Cinnamon, Chinese bark) <i>Cinnamomum verum</i> J. Presl; <i>C. aromaticum</i> Nees; <i>C. burmannii</i> (Nees & T. Nees) Blume; <i>C. loureiroi</i> Nees; <i>C. tamala</i> (Buch.-Ham.) Nees & Eberm.
-	<b>Tejpat</b> , see Cinnamon bark (including Cinnamon, Chinese bark), HS 0777 <i>Cinnamomum tamala</i> (Buch.-Ham.) Nees & Eberm.
HS 3310	<b>Mastic</b> <i>Pistacia lentiscus</i> L.
-	<b>Quinine</b> , see Red cinchona, HS 3311
HS 3311	<b>Red cinchona</b> <i>Cinchona pubescens</i> Vahlk; <i>C. officinalis</i> L.

**Group 028D Root or rhizome**

<u>Code No.</u>	<u>Commodity</u>
HS 0193	<b>Spices, root or rhizome</b> (includes all commodities in this subgroup)
-	<b>Angelica, root, stem and leaves</b> , see Group 027: Herbs, Angelica HH 0720
HS 3320	<b>Asafetida</b> <i>Ferula foetida</i> (Bunge) Regel; <i>F. assa-foetida</i> L.
-	<b>Coriander, root</b> , see Group 027: Herbs, Cilantro, HH 3194 <i>Coriandrum sativum</i> L.
HS 0783	<b>Galangal, rhizomes</b> <i>Languas galanga</i> (L.) Stunz ; syn: <i>Alpinia galanga</i> Sw.; <i>Languas officinarum</i> (Hance) Farwelll; syn: <i>Alpinia officinarum</i> Hance <i>Kaempferia galanga</i> L.
HS 0784	<b>Ginger, root</b> <i>Zingiber officinale</i> Rosc.
-	<b>Horseradish</b> , see VR 0583, Group 016: Root and Tuber vegetables
-	<b>Licorice</b> , see Liquorice, roots, HS 0787
HS 0787	<b>Liquorice, roots</b> <i>Glycyrrhiza glabra</i> L.
HS 0794	<b>Turmeric, root</b>

*Curcuma longa* L.

HS 3321            **Zedoary**  
                          *Curcuma zedoaria* (Cristm.) Roscoe

**Group 028E Buds**

<u>Code No.</u>	<u>Commodity</u>
HS 0194	<b>Spices, buds</b> (includes all commodities in this subgroup)
HS 0773	<b>Caper buds</b> <i>Capparis spinosa</i> L.
HS 0776	<b>Cassia buds</b> <i>Cinnamomum aromaticum</i> (L.) Nees
HS 0778	<b>Cloves, buds</b> <i>Syzygium aromaticum</i> (L.) Merr. & Perr.;; syn: <i>Eugenia caryophyllus</i> (Sprengel) Bullock & Harrison; <i>E. aromatica</i> Kuntze; <i>E. caryophyllata</i> Thunb.; <i>Caryophyllus aromaticus</i> L.

**Group 028F Flower or stigma**

<u>Code No.</u>	<u>Commodity</u>
HS 0195	<b>Spices, flower or stigma</b> (includes all commodities in this subgroup)
HS 3340	<b>Saffron</b> <i>Crocus sativus</i> L.

**Group 028G Aril**

<u>Code No.</u>	<u>Commodity</u>
HS 0196	<b>Spices, aril</b> (includes all commodities in this subgroup)
HS 0788	<b>Mace</b> Dried aril of <i>Myristica fragrans</i> Houtt.

**Note:** Although white pepper is in principle a processed food belonging to Type 13: Derived products of plant origin, it is listed for convenience in Group 028 Spices. White pepper is prepared from Black pepper, *Piper nigrum* L.: The seeds are retted in water and dried after removal of the mesocarp. The resulting white pepper may or may not be ground into powder.