

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
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Agenda Item 7(b)

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REVISION OF THE CLASSIFICATION OF FOOD AND FEED: CLASS A: PRIMARY FOOD COMMODITIES OF PLANT ORIGIN TYPE 05: HERBS AND SPICES GROUP 027 HERBS GROUP 028 SPICES (AT STEP 7)

(Prepared by the Electronic Working Group chaired by the United States of America
and co-chaired by the Netherlands)

Codex members and Observers wishing to submit specific comments on Groups 027 and 028 should do so as instructed in CL 2018/20-PR.

Circular letters are available on the Codex webpage/Circular Letters:

<http://www.fao.org/fao-who-codexalimentarius/resources/circular-letters/en>

BACKGROUND

1. Background on the discussion of the revision of the Classification of Food and Feed (CXM 4-1989) can be found in the reports of the 36th – 49th sessions of the Committee on Pesticide Residues (CCPR) including relevant sessions of the Codex Alimentarius (CAC) held from 2004 to 2017.¹

2. The practice adopted by the Committee in the revision of the Classification is to retain the revision of the commodity groups (e.g. fruit commodity groups, vegetable commodity groups, etc.) awaiting final compilation of the related commodity groups and the corresponding tables on examples of representative commodities for inclusion in the Classification of Food and Feed and the Principles and Guidance on the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups (CXG 84-2012) respectively. Therefore, this item should be read in conjunction with Agenda Item 7(e) (CX/PR 18/50/10) as per the table on examples of representative commodities for Type 05.

3. The Electronic Working Group² (EWG) on the Revision of the Classification revised all groups in Type 05 to make it consistent with the approach³ taken by CCPR49 on the revision of the Classification (editorial amendments⁴) i.e. (i) to include a commodity only in one group or subgroup to avoid confusion of having two different CXLs for the same commodity; (ii) to include the same commodity with different plant parts in different groups to allow consideration of plant parts when describing a commodity; (iii) to include cross-referencing where commodities (without a code number) can be listed in a group, but with reference to its primary classification; (iv) to include the words “sub-group of” to the description of all subgroups to prevent misinterpretation between subgroups and individual commodities that share the same.

4. Groups 027 and 028 were finalized⁵ by CCPR43 (2011) and retained at Step 7 pending finalization of the revision of the Classification. CCPR44 (2012) agreed to hold⁶ the commodity group on “edible flowers” at Step 7 pending finalization of the revision of the Classification in relation to the herbs group.

¹ Reports of Codex committee meetings are available at:

<http://www.fao.org/fao-who-codexalimentarius/committees/committee/en/?committee=CCPR>

² The list of participants can be found in CX/PR 18/50/6, Appendix V

³ REP17/PR, para. 112

⁴ REP17/PR, para. 142

⁵ REP11/PR, para. 91, Appendix VI

⁶ REP12/PR, para. 108, Appendix X

5. In addition, the EWG revised the groups to consider new commodities in accordance with the terms of reference (TOR)⁷ given by CCPR49 (2017). In doing so, the EWG has proposed the following changes:
6. Additional herbs and spices developed within the EWG are highlighted in Appendices I and II and coded as HH 3220 to HH 3274 for new Herb commodities and HS 3283 to HS 3350 for new Spice commodities.
7. Based upon comments by Japan, Wasabi stem was included in Subgroup 027A (CCPR45, REP13/PR, para. 121), and code FC 2211 was included as Yuzu, with Yuja included as a synonym (CCPR44, REP12/PR, para. 101).
8. Based upon comments by Germany, additional commodities were added to subgroups 027A, 028A, 028B, 028D and 028H. Caraway seed was moved from 028A to 028B.
9. In response to comments by Canada, cross references were added for black, brown and white mustard seeds. Various corrections have been made in response to comments from the European Union (EU). The commodity kokam, (FI 2487) was removed from earlier drafts because it is already a member of Subgroup 006B (Assorted tropical and sub-tropical fruits - inedible smooth peel - large).
10. The EU also proposed that Subgroups 028H Citrus peel and 028I Dried chili pepper would be more appropriate for Class D. Processed Foods of Plant Origin. Japan proposed that dried chili peppers should be included in 028B Spices, fruit or berry rather than in Subgroup 028I Dried Chili Peppers.

CONCLUSIONS

11. This document presents all the proposed revised commodity groups under Type 05 of the Classification.
12. Groups 027 and 028 as revised by the EWG are shown in Appendices I and II respectively. No comments are requested on these groups except for specific comments on the addition of commodities and other issues raised as indicated in paragraphs 5-10.
13. The revision is consistent with the proposals on examples of representative commodities for commodity groups for Type 05 under Agenda Item 7(e).
14. Agreement by CCPR on the revised groups will complete revision of Type 05 for final adoption by CAC41 (2018).
15. Following adoption by CAC, the revised Type 05 (commodity groups and examples of representative commodities) will be included in the Classification of Food and Feed and the Guidance on the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups respectively.

RECOMMENDATIONS

11. The EWG recommends the Committee to forward the revised Type 05 Herbs and spices (Agenda Item 7b) and the corresponding Table on examples of representative commodities for commodity groups for this type (Agenda Item 7e) to CAC41 for final adoption.

⁷ REP17/PR, para. 141

APPENDIX I

CLASS A: PRIMARY FOOD COMMODITIES OF PLANT ORIGIN
TYPE 05: HERBS AND SPICES
GROUP 027 HERBS
(At Step 7)
(For specific comments)

Class A**Type 5 Herbs and spices Group 027 Group Letter Code HH**

Group 27. 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 into three subgroups:

027A Herbs (herbaceous plants)

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

027C Edible flowers

Portion of the commodity to which the MRL applies (and which is analysed): **Whole commodity as marketed, mainly in the fresh form.**

Group 027 Herbs**Code No. Commodity**

HH 0092 **Group of Herbs**

(includes all commodities in this group)

Subgroup 027A Herbs (herbaceous plants)**Code No. Commodity**

HH 2095 **Subgroup of Herbs (herbaceous plants)**

(includes all commodities in this subgroup)

HH 3220 **Agrimony**

Agrimonia eupatoria L.

HH 0720 **Angelica, leaves**

Angelica archangelica L.; *A. sylvestris* L. *A. dahurica* (Hoffm.) Benth & Hook.
F. ex Franch. & Sav.

Angelica, fragrant, see Angelica, HH 0720

HH 3190 **Anise, leaves**

Pimpinella anisum L.

- **Applemint, see Mints, HH 0738**

Mentha suaveolens Ehrh.

HH 3221 **Avarum**

Senna auriculata (L.) Roxb.

- HH 3222 Aztec sweet herb
Lippia dulcis Trevir.
- HH 3223 Balloon pea
Lessertia frutescens (L.) Goldblatt & J. C. Manning
- HH 0721 **Balm, leaves**
Melissa officinalis L.
- HH 3224 Barrenwort
Epimedium grandiflorum C. Morren
- HH 0722 **Basil, leaves**
Ocimum basilicum L.; *Ocimum x citrodorum* Vis.; *O. minimum* L.;
O. americanum L.; *O. gratissimum* L.; *O. tenuiflorum* L.
- HH 3225 Bisongrass
Anthoxanthum nitens (Weber) Y. Schouten & Veldkamp
- HH 3226 Blue mallow
Malva sylvestris L.
- HH 3227 Boneset
Eupatorium perfoliatum L.
- HH 0724 **Borage**
Borago officinalis L.
- HH 3191 **Borage, Indian**
Plectranthus amboinicus (Lour.) Spreng.
- HH 0725 **Burnet**
Sanguisorba officinalis L.; *Sanguisorba minor* Scop.
- HH 3192 **Calamint**
Calamintha grandiflora (L.) Moench; *Calamintha nepeta* (L.) Savi
- HH 3228 **Calendula, leaves**
Calendula officinalis L.
- HH 3229 Caltrop
Tribulus terrestris L.
- HH 3193 **Caraway, leaves**
Carum carvi L.
- HH 0726 **Catmint**
Nepeta cataria L.
- **Catnip**, see Catmint, HH 0726
- HH 3230 Catnip, Japanese
Schizonepeta multifida (L.) Briq. L.) Briq

- HH 3231 **Celandine, greater**
Chelidonium majus L.
- HH 3232 **Celandine, lesser**
Ficaria verna Huds.
- HH 0624 **Celery, leaves**
Apium graveolens L.; var. *seccalinum* (Alef) Mansf.
- HH 3233 **Centaury**
Centaurium erythrae Rafn.
- HH 3234 **Chaste tree**
Vitex agnus-castus L.
- **Chervil, leaves**, see Group 013: Leafy vegetables, VL 0465
- **Chives**, see Group 009: Bulb vegetables, VA 2605
- **Cilantro**, see Coriander leaves HH 3194
- **Clary**, see Sage (and related *Salvia* species), HH 0743
Salvia sclarea L.
- HH 3194 **Coriander, leaves**
Coriandrum sativum L.
- HH 3195 **Coriander, Bolivian**
Porophyllum ruderale (Jacq.) Cass.
- HH 3196 **Coriander, Vietnamese**
Persicaria odorata (Lour.) Sojak.
- HH 0748 **Costmary**
Tanacetum balsamita L.;
- HH 3197 **Cover fern**
Marsilea crenata C. Presl.
- Creeping thyme, see Thyme HH 0750
- *Thymus serpyllum* L.
- HH 3198 **Culantro, leaves**
Eryngium foetidum L.
- HH 3199 **Curry plant**
Helichrysum italicum (Roth.) G. Don
- HH 3235 **Cut leaf**
Prostanthera incisa R. Br.
- **Daylily, flowers**, see Edible flowers, HH 3200
- **Daylily, leaves**, see Group 013, Leafy vegetables, VL 2600
- HH 0730 **Dill, leaves**
Anethum graveolens L.

- HH 3236 **Dokudami**
Houttuynia cordata Thunb.
- HH 3201 **Epazote**
Dysphania ambrosioides (L.) Mosyakin & Clemants
- **Estragon**, see Tarragon, HH 0749
- HH 3237 **Evening primrose**
Oenothera biennis L.
- HH 0731 **Fennel, leaves**
Foeniculum vulgare Mill.;
- HH 3202 **Fennel, Spanish**
Nigella hispanica L. and *Nigella damascena* L.
- HH 3203 **Fenugreek, leaves**
Trigonella foenum-graecum L.
- HH 3238 **Feverfew**
Tanacetum parthenium (L.) Sch. Bip.
- HH 3239 **Field pennycress**
Thlaspi arvense L.
- HH 3240 **Fumitory**
Fumaria officinalis L.
- HH 3241 **Gambir**
Uncaria gambir (W. Hunter) Roxb.
- HH 3204 **Geranium, leaves**
Pelargonium crispum (P.J. Bergius) L'Her and *Pelargonium graveolens* L'Her; *Pelargonium tomentosum* Jacq.; *Pelargonium quercifolium* (L.f.) L'Hér. ex Aiton and other scented varieties]
- HH 3242 **Germander, golden**
Teucrium polium L.
- HH 3243 **Greater burnet-saxifrage**
Pimpinella major (L.) Huds.
- HH 3244 **Gypsywort**
Lycopus europaeus L.
- HH 3245 **Heal-all**
Prunella vulgaris L.
- HH 3246 **Honewort**
Cryptotaenia canadensis (L.) DC.

- HH 0732 **Horehound**
Marrubium vulgare L.
- HH 0733 **Hyssop**
Hyssopus officinalis L.
- HH 3205 **Hyssop, anise**
Agastache foeniculum (Pursh) Kuntze; *Agastache rugosa* (Fisch. & C.A. Mey) Kuntze
- HH 3247 **Jasmine**
Jasminum officinale L.
- HH 3248 **Labrador tea**
Rhododendron groenlandicum (Oeder) Kron & Judd , *R. tomentosum* Harmaja
- HH 0734 **Lavender**
Lavendula angustifolia Mill.;
- HH 3206 **Lemongrass**
Cymbopogon citratus (DC.) Stapf; *C. flexuosus* (Nees ex Steud.) Will. Watson
- HH 3249 **Lemon savory**
Micromeria biflora (Buch.-Ham. ex D.Don.) Benth.
- Lemon thyme, see Thyme HH 0750
- HH 0735 **Lovage, leaves**
Levisticum officinale Koch.
- Love-in-a-mist, see Fennel, Spanish, HH 3202
Nigella damascene L.
- HH 3207 **Marigold, leaves**
Tagetes erecta L.; *T. filifolia* Lag; *T. lucida* Cav.; *T. micrantha* Cav.; *T. minuta* L.; *T. patula* L.; *T. minuta* L.; *T. tenuifolia* Cav.
- HH 0736 **Marjoram**
Origanum marjorana L.; *O. vulgare* L. *O. onites* L.
- HH 3250 **Marshmallow**
Althaea officinalis L.
- HH 3208 **Meadowsweet**
Filipendula ulmaria (L.) Maxim.
- HH 0738 **Mint**
Several *Mentha* species and hybrids; (see also individual Mints)
including *M. arvensis* L.; *M. spicata* L., syn: *M. cordifolia* Opiz ex Fresen.;
M. x piperita L.; *Mentha x gracilis* Sole; *M. aquatica* L.; *M. longifolia* (L.) Huds.; *M. arvensis* L.; *M. suaveolens* Ehrh.; *M. requienii* Benth.

- HH 3251 **Mint, Korean**
Agastache rugosa (Fisch. & C. A. Mey.) Kun
- HH 3209 **Mioga**, shoots and flower buds
Zingiber mioga (Thunb.) Roscoe
- HH 3210 **Monarda**
Monarda didyma L.; *M. fistulosa* L.; *M. punctata* L.; *M. citriodora* Cerv. Ex Lag.; *M. pectinata* Nutt.
- HH 3252 **Motherwort**
Leonurus cardiaca L.
- HH 3253 **Mountainmint**
Pycnanthemum spp.
 Including *M. muticum* (Michx.) Pers.; *M. incanum* Michx.; *M. virginianum* (L.) T. Durand & B.D. Jacks. Ex B.L. Rob. & Fernald; *M. verticillatum* (Michx.) Pers.;
- **Mugwort**, see Southernwood, HH 0754
Artemisia vulgaris L.
- HH 3254 **Mullein**
Verbascum densiflorum Bertol.
- **Myrrh**, see Sweet Cicely, HH 0747
- HH 0739 **Nasturtium, leaves**
Tropaeolum majus L.; *T. minus* L.
- HH 3211 **Nettle**
Urtica dioica L.
- **Oregano**, see Marjoram, HH 0736
Origanum vulgare L.; *O. onitum* L.
- HH 3212 **Oregano, Mexican**
Lippia graveolens Kunth; *L. micromera* Schauer
- HH 3213 **Pandan, leaves**
Pandanus amaryllifolius Roxb.
- HH 3255 **Pansy, leaves**
Viola tricolor L.
- HH 0740 **Parsley, leaves**
Petroselinum crispum (Mill.) Nyman ex A. W. Hill;
 syn: *P. sativum* Hoffm.; *P. hortense* auct.
P. crispum var. *neapolitanum* Danert
- **Pennyroyal**, see Mint, 0738
Mentha pulegium L.

- HH 3214 **Pennywort**
 Centella asiatica (L.) Urb.
- **Peppermint**, see Mints, HH 0738
 Mentha x piperita L.
- HH 3215 **Perilla, leaves**
 Perilla frutescens (L.) Britton var. *crispa* (Thunb.) W. Deane
- **Phak ka yaeng**, see Rice paddy herb, HH 3217
- HH 3216 **Phak paew**
 Trichodesma indicum (L.) Sm.
- HH 3217 **Rice paddy herb**
 Limnophila chinensis (Osbeck) Merr.
 syn: *Limnophila aromatica* (Lam.) Merr.
- HH 0741 **Rosemary**
 Rosmarinus officinalis L.
- HH 0743 **Sage and related *Salvia* species**
 Salvia officinalis L.; *S. sclarea* L.; *S. lavandulifolia* Vahl; *S. fruticosa* Mill.
- HH 3256 **Santolina**
 Santolina rosmarinifolia L.; *Santolina rosmarinifolia* 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.
- **Spearmint, Scotch**, see Mints, HH 0738
 Mentha x gracilis Sole
- **Spotted beebalm**, see Monarda, HH 3210
 Monarda punctata L.
- HH 3218 **Stevia**
 Stevia rebaudiana (Bertoni) Bertoni
- **Stink weed or Stinking**, see Culantro, leaves, HH 3198
 Eryngium foetidum L.
- **Swamp leaf**, see Rice paddy herb, HH 3217

- HH 0747 **Sweet Cicely**
 Myrrhis odorata (L.) Scop.
- HH 3257 **Syrian oregano**
 Origanum syriacum L.
- HH 0749 **Tarragon**
 Artemisia dracunculus L.; *A. drancunculoides* Pursh.
- HH 0750 **Thyme**
 Thymus vulgaris L.; *T. serpyllum* L.; *T. mastichina* (L.) L.
 T. citriodorus (Pers.) Schreb, *T. serpyllum* L. and *Thymus* hybrids.
- HH 3258 **Toon, Chinese**
 Toona sinensis (A. Juss.) M. Roem.
- HH 3259 **Veronica**
 Veronica officinalis L.
- **Vietnamese mint**, see Coriander, Vietnamese, HH 3196
 Polygonum odoratum Lour.
- **Wasabi, leaves**, see Subgroup 013B Brassica leafy vegetables, VL 2786
 Wasabia japonica (Miq.) Matsum.
- **Watercress**, see Group 013: Leafy vegetables, VL 0473
- **Watermint**, see Mints, HH 0738
 Mentha aquatic L.
- HH 3260 **Wasabi, stem**
 Eutrema japonicum (Miq.) Koidz.
- HH 3221 **Waterpepper, Japanese**
 Persicaria hydropiper (L.) Delabre
- **Wild bergamot**, see Monarda, HH 3210
 Monarda fistulosa L.
- HH 3322 **Wild betle leaf bush**
 Piper sarmentosum Roxb.
- HH 0751 **Winter cress, Common; American**
 Barbarea vulgaris W.T. Aiton.; *B. verna* (Mill.) Asch.
- HH 0752 **Wintergreen, leaves**
 Gaultheria procumbens L.
 (not including herbs of the Wintergreen family (*Pyrolaceae*))
- Wormwood, see Southernwood, HH 0754
 Artemisia absinthium L.
- Wormwood, Roman, see Southernwood, HH 0754
 Artemisia pontica L.

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| HH 3223 | Yarrow <i>Achillea millefolium</i> L. |
| HH 3261 | Yellow gentian <i>Gentiana lutea</i> L. |
| HH 3262 | Yerba santa <i>Eriodictyon californicum</i> (Hook. & Arn.) Torr. |
| HH 3224 | Yomogi <i>Artemisia princeps</i> L. |
| Subgroup 027B Leaves of woody plants | |
| Code No. | Commodity |
| HH 2096 | Subgroup of Leaves of woody plants (includes all commodities in this subgroup) |
| HH 3230 | Aniseed myrtle <i>Syzygium anisatum</i> (Vickery) Craven & Biffen |
| - | Bay leaves , see Laurel leaves HH 0723 |
| HH 3231 | Boldo <i>Peumus boldus</i> Molina |
| HH 3263 | Buchi <i>Gentiana lutea</i> L. |
| HH 0729 | Curry, leaves <i>Bergera koenigii</i> L. syn: <i>Murraya koenigii</i> L. Sprengel |
| HH 3264 | Damiana <i>Turnera diffusa</i> Willd. |
| HH 3232 | Japanese pepper leaves <i>Zanthoxylum piperitum</i> (L.) DC. |
| HH 3233 | Kaffir lime, leaves <i>Citrus hystrix</i> DC. |
| HH 0723 | Laurel, leaves <i>Laurus nobilis</i> L. |
| HH 3234 | Lemon myrtle <i>Backhousia citriodora</i> F. Muell. |
| HH 3264 | Linden <i>Tilia americana</i> L. |
| - | Malabar leaf , see Tejpat leaves, HH 3237 |
| - | Malabathrum , see Tejpat leaves, HH 3237 |

HH 3266 Myrtle

Myrtus communis L.

HH 3235 Native mint

Prostanthera incise R. Br, *P. rotundifolia* R. Br.

HH 3267 Pepper, leaves

Piper spp.

HH 3236 Pepperbush, leaves

Tasmania lanceolata (Poir.) A.C. Sm.; kaffirsassafrasDorrigo pepper, *T. stipitata* (Vick.)

HH 0742 Rue

Ruta graveolens L.

HH 3268 Siamese cassia

Senna siamea (Lam.) H. S. Irwin & Barneby

HH 0744 Sassafras, leaves

Sassafras albidum (Nutt.) Nees

HH 3237 Tejpat, leaves

Cinnamomum tamala (Buch.-Ham) Nees & Eberm.

Subgroup 027C Edible Flowers

HH 3200 Edible flowers, and including other edible flowers

HH 3269 Calendula, flowers

Calendula officinalis L.

HH 3270 Courgette, flowers

Cucurbita pepo L.

HH 3271 Daylily, flowers

Hemerocallis sp.

HH 3272 Daisy, common, flowers

Bellis perennis L.

HH 3273 Geranium, flowers

Pelargonium crispum (P.J.Bergius) L'Her and *Pelargonium graveolens* L'Her

HH 0737 Marigold, flowers

Tagetes minuta L. *Tagetes tenuifolia* Cav. and other *Tagetes* spp.

HH 3274 Nasturtium, flowers

Tropaeolum majus L., *Tropaeolum minus* L.

HH 3219 Violet, flowers

Viola odorata L.; *V. tricolor* L.

APPENDIX II

GROUP 028 SPICES
(At Step 7)
(For specific comments)

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 condiments.

The group Spices is divided in eight subgroups:

028A Spices, seeds

028B Spices, fruit or berry

028C Spices, bark

028D Spices, root or rhizome

028E Spices, buds

028F Flower or stigma

028G Spices, aril

028H Spices, Citrus peel

028I Dried Chili Peppers

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**Code No. Commodity**

HS 0093 **Group of Spices** (includes all commodities in this group)

Subgroup 028A Seeds**Code No. Commodity**

HS 0190 **Subgroup of Spices, seeds** (includes all commodities in this subgroup)

HS 3280 **Achiote, seed**

Bixa orellana L.

HS 3281 **Ajwain**

Trachyspermum ammi (L.) Sprague ex Turrill

syn: *T. copticum* L.

HS 3283 **Ambrette, seed**

Abelmoschus esculentus (L.) Moench

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| HS 0720 | Angelica, seed <i>Angelica archangelica</i> L.; <i>A. sylvestris</i> L. |
| - | Aniseed , see Anise, seed, HS 0771 |
| HS 0771 | Anise, seed <i>Pimpinella anisum</i> L. |
| HS 3284 | Annatto, seed <i>Bixa orellana</i> L. |
| HS 0722 | Basil, seed <i>Ocimum</i> spp. |
| HS 3285 | Black bread weed <i>Nigella arvensis</i> L. |
| HS 3282 | Black caraway <i>Nigella sativa</i> L. |
| HS 3286 | Calabash nutmeg <i>Monodora myristicica</i> (Gaertn.) Dunal |
| HS 3287 | Candlenut <i>Aleurites moluccanus</i> (L.) Willd. |
| HS 3288 | Candlebush <i>Senna alata</i> (L.) Roxb. |
| HS 0624 | Celery, seed <i>Apium graveolens</i> L. |
| HS 3289 | Chervil, seed <i>Anthriscus cerefolium</i> (L.) Hoffm. |
| HS 3290 | Chinese nutmeg tree <i>Torreya grandis</i> Fortune |
| HS 0779 | Coriander, seed <i>Coriandrum sativum</i> L. |
| HS 3291 | Cubeb, seed <i>Piper cubeba</i> L. f. |
| HS 3284 | Culantro, seed <i>Eryngium foetidum</i> L. |
| HS 0780 | Cumin, seed <i>Cuminum cyminum</i> L. |
| HS 3292 | Daharian angelica, seed <i>Angelica dahurica</i> (Hoffm.) Benth. & Hook. f. ex Franch. & Sav. |
| HS 0730 | Dill, seed <i>Anethum graveolens</i> L. |

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| HS 0731 | Fennel, seed | <i>Foeniculum vulgare</i> Mill. subsp. <i>vulgare</i> var. <i>vulgare</i> , Fennel, Florence, seed, <i>Foeniculum vulgare</i> Mill. subsp. <i>vulgare</i> var. <i>azoricum</i> (Mill.) Thell. |
| HS 3293 | Fennel flower, seed | <i>Nigella hispanica</i> L. |
| HS 0782 | Fenugreek, seed | <i>Trigonella foenum-graecum</i> L.; <i>T. caerulea</i> (L.) Ser. |
| HS 3294 | Grains of Paradise, seed | <i>Aframomum melegueta</i> K. Schum. |
| HS 3295 | Guarana | <i>Paullinia cupana</i> Kunt |
| HS 3285 | Honewort, seed | <i>Cryptotaenia japonica</i> Hassk. |
| HS 0735 | Lovage, seed | <i>Levisticum officinale</i> Koch. |
| HS 3286 | Mahaleb | <i>Prunus mahaleb</i> L. |
| HS XXXX | Marjoram, seed | <i>Origanum marjorana</i> L.; <i>O. vulgare</i> L. <i>O. onites</i> L. |
| HS3296 | Malabar tamarind | <i>Garcinia</i> spp. |
| HS 3297 | Milk thistle | <i>Silybum marianum</i> (L.) Gaertn. |
| - | Mustard, black, seed, see Oilseeds, SO 0485 | <i>Silybum marianum</i> (L.) Gaertn. |
| - | Mustard, brown, seed, see Oilseeds, SO 0485 | <i>Brassica juncea</i> (L.) Czern. var. <i>juncea</i> |
| - | Mustard, white, seed, see Oilseeds SO 0485 | <i>Sinapis alba</i> L. ssp. <i>alba</i> |
| HS 0789 | Nutmeg | Seed of <i>Myristica fragrans</i> Houtt. |
| HS 0740 | Parsley, seed | <i>Petroselinum crispum</i> (Mill.) Nyman ex A. W. Hill; |
| HS 3298 | Perilla, seed | <i>Perilla frutescens</i> (L.) Britton var. <i>crispa</i> (Thunb.) W. Deane |
| - | Poppy seed, SO 0495, see Group 023: Oilseed | |
| - | Sesame seed, SO 01700, see Group 023: Oilseed | |

HS 3287 **Wattle seed**
 Acacia victoriae Bent. and other spp.

Subgroup 028B Fruit or berry

Code No. Commodity

HS 0191 **Subgroup of Spices, fruit or berries** (includes all commodities in this subgroup)

- **Allspice fruit**, see Pimento, HS 0792

HS 3299 Anise pepper
 Zanthoxylum piperitum (L.) DC.

HS 3300 Ashwagandha, fruit
 Withania somnifera (L.) Dunal

HS 3301 Batavia-cassia, fruit
 Withania somnifera (L.) Dunal

HS 3302 Belleric myrobalan
 Terminalia bellirica (Gaertn.) Roxb.

HS 3290 **Caper, berries**
 Capparis spinosa L.

HS 0774 **Caraway, fruit**
 Carum carvi L.

HS 0775 **Cardamom, pods and seeds**
 Amomum spp.; Cardamon, Nepal, *Amomum subulatum* Roxb., *Amomum aromaticum* Roxb.; Cardamon-amomum, *Amomum compactum* Sol. ex Maton; Malabar cardamom, *Amomum villosum* Lour.; Cardomon, Ethiopian, *Aframomum corrorima* (A. Braun) P. C. M. Jansen; Cardomon, green, *Elettaria cardamomum* (L.) Maton

HS 3303 Cassia, fruit
 Cinnamomum spp.; Cassia, Chinese, fruit, *Cinnamomum aromaticum* Nees.

HS 3304 Chasteberry, berry
 Vitex negundo L.

HS 3305 Chinese hawthorn
 Crataegus pinnatifida Bunge

HS 3306 Chinese-pepper
 Zanthoxylum simulans Hance; Chinese prickly ash, *Zanthoxylum bungeanum* Maxim

HS 3307 Cinnamon, fruit
 Cinnamomum verum J. Presl; Cinnamon, Saigon, fruit, *Cinnamomum loureiroi* Nees

HS 3308 Coriander, fruit
 Coriandrum sativum L.

- HS 3291 **Cumin, black**
Bunium persicum (Boiss.) B. Fedtsch.
- HS 3309 **Dorrigo pepper, berry**
Tasmannia stipitata (Vick.) A.C. Smith
- HS 3292 **Eucalyptus, fruit**
Eucalyptus spp.
- HS 0731 Fennel, fruit
Foeniculum vulgare Mill. subsp. *vulgare* var. *vulgare*, Fennel, Florence, fruit, *Foeniculum vulgare* Mill. subsp. *vulgare* var. *azoricum* (Mill.) Thell.
- HS 3310 **Gambooge**
Garcinia gummi-gutta (L.) N. Robson
- HS 3293 **Gardenia, fruit**
Gardenia jasminoides J.Ellis
- HS 3294 **Grains of Selim**
Xylopi aethiopica (Dunal) A. Rich.
- HS 0786 **Juniper, berry**
Juniperis communis L.
- HS 3295 **Luo han guo**
Siraitia grosvenorii (Swingle) C. Jeffrey ex. A.M. Lu & Zhi Y. Zhang
- HS 3296 **Miracle fruit**
Synsepalum dulciferum (Scumach. & Thonn.) Daniell
- HS 0790 **Pepper, Black; White; Pink; Green** (see Note 1)
Piper nigrum L.
- HS 3297 **Pepper, Cubeb**
Piper cuceba L. f.
- HS 0791 **Pepper, Long**
Piper longum L.; *P. retrofractum* Vahl.;
- HS 3298 **Pepper, Sichuan**
Zanthoxylum bungeanum Maxim.; *Z. schinifolium* Siebold & Zucc.;
Z. simulans Hance; *Z. piperitum* (L.) DC
- HS 3299 **Pepperbush, berry**
Tasmannia lanceolata (Poir.) A.C. Sm.; *T. stipitata* (Vick.) A.C. Smith
- HS 3300 **Peppertree**
Schinus spp.; Peppertree, Brazilian, *Schinus terebinthifolius* Raddi; Peppertree, Peruvian, *S. molle* L.
- HS 0792 **Pimento, fruit**
Pimenta dioica (L.) Merrill

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| HS 3311 | Saunders, red |
| | <i>Pterocarpus santalinus</i> L. f. |
| HS 3301 | Star anise |
| | <i>Illicium verum</i> Hook.f. |
| HS 3312 | Sumac |
| | <i>Rhus coriaria</i> L. |
| - | Tahiti vanilla |
| | <i>Vanilla tahitensis</i> J. W. Moore |
| | See Vanilla, beans, HS 0795 |
| HS 0369 | Tamarind, sour varieties |
| | see also Group 006: Assorted tropical and sub-tropical fruits - inedible peel |
| | <i>Tamarindus indica</i> L. |
| HS 3313 | Tasmanian pepper berry |
| | <i>Tasmannia lanceolata</i> (Poir.) A. C. Sm |
| HS 0370 | Tonka bean |
| | <i>Dipteryx odorata</i> (Aubl.) Willd. |
| HS 3314 | Tsao-Ko |
| | <i>Amomum tsao-ko</i> Crevost & Lemarié |
| HS 3315 | Uzazi |
| | <i>Zanthoxylum gillettii</i> (De Wild.) P.G.Waterman |
| | basionym: <i>Fagara tessmannii</i> |
| HS 0795 | Vanilla, beans |
| | <i>Vanilla planifolia</i> Andrews |
| HS 3316 | West African pepper |
| | <i>Piper guineense</i> Thonn. |
| - | West Indian vanilla |
| | <i>Vanilla pompona</i> Schiede |
| | See Vanilla, beans, HS 0795 |

Subgroup 028C Bark

| <u>Code No.</u> | <u>Commodity</u> |
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| HS 0192 | Subgroup of bark (includes all commodities in this subgroup) |
| HS 3317 | Angostura, bark |
| | <i>Angostura trifoliata</i> (Willd.) T. S. Elias |
| HS 3318 | Canella bark, bark |
| | <i>Canella winterana</i> (L.) Gaertn. |

- HS 3319 Cascada buckthorn, bark
Frangula purshiana (DC.) A. Gray
- **Cassia bark**, see Cinnamon bark (including Cinnamon, Chinese bark), HS 0777
Cinnamomum aromaticum Nees;
- HS 3320 Catechu, bark
Senegalia catechu (L. f.) P. J. H. Hurter & Mabb.
- HS 0777 **Cinnamon, bark** (including Cinnamon, Chinese bark)
Cinnamomum verum J. Presl.; Cassia, Chinese, bark, *C. aromaticum* Nees; Batavia-cassia bark, *C. burmannii* (Nees & T. Nees) Blume; Cinnamon, Saigon, bark, *C. loureiroi* Nees;
- HS 3321 Copaiba
Copaifera officinalis (Jacq.) L.
- HS 3310 **Eucalyptus, bark**
Eucalyptus spp.
- HS 3322 Eucommia, bark
Eucommia ulmoides Oliv.
- HS 3323 Frankincense
Boswellia sacra Flueck.; Frankincense, Indian, *Boswellia serrata* Roxb. ex Colebr.
- HS 3324 Galbanum
Ferula gummosa Boiss.
- HS 3325 Guaiac
Guaiacum officinale L.
- HS 3326 Guggul
Commiphora wightii (Arn.) Bhandari
- HS 3327 Gum arabic
Senegalia senegal (L.) Britton
- HS 3328 Gum ghatti
Anogeissus latifolia (Roxb. ex DC.) Wall. ex Guill. & Perr.
- HS 3329 Gum karaya
Sterculia urens Roxb.
- HS 3330 Gum tragacanth
Astragalus gummifer Labill.
- HS 3331 Haw, black
Viburnum prunifolium L.
- HS 3332 Magnolia, bark
Magnolia officinalis Rehder & E. H. Wilson

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| HS 3311 | Mastic <i>Pistacia lentiscus</i> L. |
| HS 3333 | Myrrh <i>Commiphora myrrha</i> (Nees) Engl. <i>Commiphora africana</i> (A. Rich.) Engl.; Myrrh, bisabol, <i>Commiphora kataf</i> (Forssk.) Engl |
| HS 3334 | Pine, maritime <i>Pinus pinaster</i> Aiton |
| HS 3335 | Pygeum <i>Prunus africana</i> (Hook.f.) Kalkman |
| HS 3336 | Quassia, bark <i>Quassia amara</i> L. |
| HS 3337 | Quebracho, bark <i>Aspidosperma quebracho-blanco</i> Schltl. |
| HS 3338 | Quillaja <i>Quillaja saponaria</i> Molina |
| - | Quinine , see Red cinchona, HS 3312 |
| HS 3312 | Red cinchona <i>Cinchona pubescens</i> Vahlk; <i>C. officinalis</i> L. |
| HS 3339 | Simaruba, bark <i>Simarouba amara</i> Aubl. |
| HS 3340 | Slippery elm <i>Ulmus rubra</i> Muhl. |
| Subgroup 028D Root or rhizome | |
| <u>Code No.</u> | <u>Commodity</u> |
| HS 0193 | Subgroup of Spices, root or rhizome (includes all commodities in this subgroup) |
| HS 3341 | Angelica, root <i>Angelica archangelica</i> L.; <i>A. sylvestris</i> L. <i>A. dahurica</i> (Hoffm.) Benth & Hook. F. ex Franch. & Sav. |
| HS 3320 | Asafoetida, roots (see also Note 2) <i>Ferula foetida</i> (Bunge) Regel; <i>F. assa-foetida</i> L. |
| HS 0772 | Calamus-root <i>Acorus calamus</i> L. |
| HS 3342 | Cat's claw, root <i>Uncaria tomentosa</i> (Willd.) DC., <i>Uncaria guianensis</i> (Aubl.) J. F. Gmel. |
| HS 3343 | Chinesetree, root <i>Vitex negundo</i> L. |
| HS 3344 | Coptis <i>Coptis chinensis</i> Franch., <i>Coptis</i> spp. |

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| HS 3321 | Coriander, root <i>Coriandrum sativum</i> L. |
| HS 0781 | Elecampane, root <i>Inula helenium</i> L. |
| HS 3322 | Fingerroot <i>Boesenbergia rotunda</i> (L.) Mansf. syn: <i>B. pandurata</i> (Roxb.) Schltr. |
| HS 0783 | Galangal, rhizome <i>Languas galanga</i> (L.) Stunz; syn: <i>Alpinia galanga</i> Sw.; <i>Languas officinarum</i> (Hance) Farwell; syn: <i>Alpinia officinarum</i> Hance <i>Kaempferia galanga</i> L. |
| HS 0784 | Ginger, rhizome <i>Zingiber officinale</i> Roscoe |
| - | Horseradish , see VR 0583, Group 016: Root and Tuber vegetables |
| HS 3345 | Jalap <i>Ipomoea purga</i> (Wender.) Hayne |
| - | Krachai , see Fingerroot, HS 3322 |
| - | Licorice , see Liquorice, root, HS 0787 |
| HS 0787 | Liquorice, root <i>Glycyrrhiza glabra</i> L. |
| HS 3323 | Lovage, root <i>Levisticum officinale</i> Koch. |
| HS 3346 | Temulawak <i>Curcuma zanthorrhiza</i> Roxb. |
| HS 0794 | Turmeric, root <i>Curcuma longa</i> L.; <i>C. mangga</i> Valetton & van Zijp |
| HS 3347 | Yellow gentian, root <i>Gentiana lutea</i> L. |
| HS 3324 | Zedoary <i>Curcuma zedoaria</i> (Cristm.) Roscoe |
| Subgroup 028E Buds | |
| <u>Code No.</u> | <u>Commodity</u> |
| HS 0194 | Subgroup of Spices, buds (includes all commodities in this subgroup) |
| HS 0773 | Caper, bud <i>Capparis spinosa</i> L. |

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| HS 0776 | Cassia, bud <i>Cinnamomum aromaticum</i> (L.) Nees |
| HS 0778 | Cloves, bud <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. |
| HS 0739 | Nasturtium, pod <i>Tropaeolum</i> spp.; Nasturtium bush, pods, <i>Tropaeolum minus</i> L.; Nasturtium, garden, pods, <i>Tropaeolum majus</i> L. |

Subgroup 028F Flower or stigma

| <u>Code No.</u> | <u>Commodity</u> |
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| HS 0195 | Subgroup of Spices, flower or stigma (includes all commodities in this subgroup) |
| HS 3348 | Kewra, flowers <i>Pandanus fascicularis</i> Lam. |
| HS 3340 | Saffron <i>Crocus sativus</i> L. |

Subgroup 028G Aril

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

Subgroup 028H Citrus Peel

| <u>Code No.</u> | <u>Commodity</u> |
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| HS 0197 | Subgroup of Spices, Citrus peel (includes all commodities in this subgroup) |
| HS 2206 | Kaffir lime, peel <i>Citrus hystrix</i> DC. |
| HS 3349 | Lemon, peel <i>Citrus limon</i> Burm. f.; |
| HS 3350 | Orange, peel <i>Citrus sinensis</i> Osbeck |
| HS 3350 | Satsuma mandarin, peel <i>Citrus unshiu</i> Marcow. |
| HS 2211 | Yuzu, peel <i>Citrus junos</i> Siebold ex Tanaka |
| | Yuja, peel , see Yuzu peel, HS 2211 |

Subgroup 028I Dried Chili Peppers

| <u>Code No.</u> | <u>Commodity</u> |
|------------------------|--|
| HS 0444 | Subgroup of Dried Chili Peppers (includes all commodities in this subgroup) |
| HS 0444 | Peppers, Chili, dried <i>Capsicum</i> spp. |

Note 1: 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. The scientific name of green pepper and pink pepper is *Piper nigrum* L. Pink pepper is mature pepper. Green pepper is an immature stage of pink pepper.

Note 2: Asafoetida is not only marketed as root, but also as products (resin, powder, flour), which are produced from a gum of the root.