

APPENDIX VII**PART A**

**DRAFT AND PROPOSED DRAFT REVISION OF THE CLASSIFICATION OF FOOD AND FEED:
CLASS A: PRIMARY FOOD COMMODITIES OF PLANT ORIGIN
TYPE 04: NUTS, SEEDS AND SAPS**

(For adoption at Step 8 and 5/8)

Tree nuts Group 022 Group Letter Code TN

Group 022, Tree nuts are the seeds of a variety of trees and shrubs, which are characterized by an 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 natural, dried or processed forms.

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

<u>Code No.</u>	<u>Commodity</u>
TN 0085	Group of Tree nuts (includes all commodities in this group)
TN 3100	African nut <i>Ricinodendron heudelotii</i> (Baill.) Heckel
TN 0660	Almond <i>Prunus dulcis</i> (Mill.) D. A. Webb, syn: <i>Amygdalus communis</i> L., <i>Prunus amygdalus</i> Batsch.
TN 3101	Araucaria nut <i>Araucaria bidwillii</i> Hook; <i>A. angustifolia</i> (Bertol.) Kuntze; <i>A. araucana</i> (Molina) K. Koch
TN 0661	Beech nut <i>Fagus sylvatica</i> L.; <i>F. grandifolia</i> Ehrh.
TN 3102	Betel nut <i>Areca catechu</i> L.
TN 0662	Brazil nut <i>Bertholletia excelsa</i> Humb. & Bonpl.
-	Brazilian pine , see Araucaria nut, TN 3101 <i>Araucaria angustifolia</i> (Bertol.) Kuntze
-	Bunya , see Araucaria nut, TN 3101 <i>Araucaria bidwillii</i> Hook
-	Bur oak , see Oak nut, TN 3107 <i>Quercus macrocarpa</i> Michx.
-	Bush nut , see Macadamia nut, TN 0669

- TN 0663 **Butter nut**
 Juglans cinerea L.
- **Cajou**, see Cashew nut, TN 0295
 Anacardium giganteum Hancock ex Engl.
- TN 3111 **Canarium nut/galip nut**
 Canarium harveyi
- TN 3103 **Candle nut**
 Aleurites moluccanus (L.) Willd.
- TN 0295 **Cashew nut**
 Anacardium occidentale L.; *Anacardium giganteum* Hancock ex Engl.
- **Castanha-do-maranhão**, see Pachira nut, TN 0670
 Pachira glabra Pasq.
 syn: *Bombacopsis glabra* (Pasq.) A. Robyns
- TN 0664 **Chestnut**
 Castanea spp.
- TN 3112 Chilean hazelnut**
Gevuina avellana Molina
- **Chinquapin**, see Chestnut, TN 0664
 Castanea pumila (L.) Mill.
- TN 0665 **Coconut**
 Cocos nucifera L.
- TN 3104 **Dika nut**
 Irvingia gabonensis (Aubry-Lecomte ex O'Rorke) Baill.
- **Filberts**, see Hazelnut, TN 0666
 Corylus maxima Mill.
- TN 3105 **Ginkgo**
 Ginkgo biloba L.
- **Guiana chestnut**, see Pachira nut, TN 0670
 Pachira aquatica Aubl.
- **Heartnut**, see Walnut, TN 0678
 Juglans ailantifolia var. *cordiformis* (Makino) Rehder
- TN 0666 **Hazelnut**
 Corylus avellana L.; *C. maxima* Mill.;
 C. americana Marschall; *C. californica* (A. DC.) Rose
- TN 0667 **Hickory nut**
 Carya ovata (Mill.) K. Koch.; *C. glabra* (Mill.) Sweet;
 other sweet *Carya* species

- TN 0668 **Japanese horse-chestnut**
Aesculus turbinata Blume;
- **Java almond**, see Pili nut, TN 0674
Canarium vulgare Leenh.; *C indicum* L.
- TN 0669 **Macadamia nut**
Macadamia ternifolia F. Muell.; *M. tetraphylla* L.A.S. Johnson;
M.intregifolia Maiden & Betche
- TN 3106 **Mongongo**
Schinziophyton rautanenii Schinz) Radcl.-Sm
- **Monkey-pot**, see Sapucaia nut, TN 0676
Lecythis pisonis Cambess.
- **Monkey-puzzle**, see Araucaria nut, TN 3101
Araucaria araucana (Molina) K. Koch
- TN 3107 **Oak nut**
Quercus spp.
- TN 3108 **Okari nut**
Terminalia kaernbachii Warb.
- TN 0670 **Pachira nut**
Pachira insignis Savigny; *Pachira glabra* Pasq.; *Pachira aquatica* Aubl.
- **Paradise nut**, see Sapucaia nut TN 0676
Lecythis zabucajo Aubl.
- TN 0672 **Pecan**
Carya illinoensis (Wangenh.) K. Koch
- TN 3109 **Pequi seed**
Caryocar brasiliense Cambess.
- **Pignolia or Pignoli**, see Pine nut, TN 0673
- TN 0674 **Pili nut**
Canarium ovatum Engl.; *C. luzonicum* A Gray; *C. vulgare* Leenh.;
C indicum L.
- TN 0673 **Pine nut**
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,
except *P. armandii* Franch. and *P. massoniana* Lamb.
- **Pinocchi**, see Pine nut, TN 0673
- **Piñon nut**, see Pine nut, 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 **Walnut**
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 Walnut, TN 0678
Juglans nigra L.; *J. hindsii* Jeps. Ex R.E. Sm.; *J. microcarpa* Berland
var. *microcarpa*
- **Walnut, English; Walnut, Persian**, see Walnut, TN 0678
Juglans regia L.
- TN 3110 **Yellow-horn**
Xanthoceras sorbifolium Bunge

- SO 3163 **Evening primrose seed**
Oenothera biennis
- **Flax-seed**, see Linseed, SO 0693
- SO 3141 **Gold of pleasure seed**
Camelina sativa (L.) Crantz
- SO 3142 **Hare's ear mustard seed**
Congringia orientalis (L.) Dumort
- SO 3164 **Honesty seed**
Lunaria annua
- SO 3143 **Lesquerella seed** (gaslight bladderpod)
Lesquerella recurvata (Engelm. ex. A. Gray) S. Watson
- SO 0693 **Linseed**
Linum usitatissimum L.
- SO 3144 **Meadow foam seed**
Limnanthes alba Hartw. ex Benth.
- SO 0485 **Mustard seed**
Brassica nigra (L.) Koch; *Sinapis alba* L.
Synonym: *Brassica hirta* Moench.
- SO 0694 **Mustard seed, Field**
Brassica campestris L., var. *sarson* Prain; *B. campestris* L., var. *toria* Duthie & Fuller
- SO 0478 **Mustard seed, Indian**
Brassica Juncea (L.) Czern. & Coss.
- SO 3145 **Perilla seed**
Perilla frutescens (L.) Britton var. *frutescens*
- SO 0698 **Poppy seed**
Papaver somniferum L.
- SO 3165 **Purple viper's bugloss seed**
Echium plantagineum
- SO 3166 **Radish seed**
Raphanus sativus convar. *Oleifer*
- SO 0495 **Rape seed**
Brassica napus L.
- **Rape seed, Indian**, see Mustard seed, Field, SO 0694
Brassica campestris L., var. *toria* Duthie & Fuller
- SO 0700 **Sesame seed**
Sesamum indicum L.
Synonym: *S. orientale* L.

SO 3167 **Turnip rape seed**
 Brassica rapa subsp. Oleifera

Subgroup 023B Sunflower seeds

Code No. **Commodity**

SO 2091 **Subgroup of Sunflower seeds**
 (includes all commodities in this subgroup)

SO 3146 **Jojoba seed**
 Simmondsia chinensis (Link) C. K. Schneid.

SO 0695 **Niger seed**
 Guizotia abyssinica (L.) Cass.

SO 0699 **Safflower seed**
 Carthamus tinctorius L.

SO 0702 **Sunflower seed**
 Helianthus annuus L.

SO 3147 **Tallowwood nut**
 Ximenia americana L.

SO 3148 **Tea oil plant seed**
 Camellia oleifera C. Abel

Subgroup 023C Cottonseed

SO 0691 **Cottonseed**
 Gossypium spp.; several species and cultivars

Subgroup 023D Other oilseeds

Code No. **Commodity**

SO 3150 **American oil palm seed**
 Elaeis oleifera (Kunth) Cortés

SO 3169 **Argan nut**
 Argania spinosa

SO 3151 **Babassu seed**
 Attalea speciosa Mart. Ex Spreng

SO 0690 **Ben Moringa seed**
 Moringa oleifera Lam.
 Synonyms: *M. pterygosperma* Gaertn.

SO 3170 **Castor bean**
 Ricinus communis

- **Coconut**, see Group 022: Tree nuts, TN 0665

SO 3152 **Coyoli palm seed**
 Acrocomia aculeata (Jacq.) Lodd. ex Mart.

- **Drumstick tree seed**, see Ben Moringa seed, SO 0690

SO 3153	Grape seed <i>Vitis vinifera</i> L., several cultivars
-	Groundnut , see Peanut, SO 0697
SO 3154	Hempseed <i>Cannabis sativa</i> L. var. <i>sativa</i>
-	Horseradish tree seed , see Ben Moringa seed, SO 0690
SO 0692	Kapok <i>Ceiba pentandra</i> (L.) Gaertn.
-	Karite nuts , see Shea nuts SO 0701
-	Maize , see Group 020: Cereal grains
SO 3155	Melon seed <i>Cucumis melo</i> L. spp. several species and cultivars
-	Palm kernel , see Palm nut, SO 0696
SO 0696	Palm nut <i>Elaeis guineensis</i> Jacq.
SO 0697	Peanut <i>Arachis hypogaea</i> L.
SO 0703	Peanut, whole , see Peanut, SO 0697
SO 3156	Pumpkin seed <i>Cucurbita pepo</i> L. ssp. <i>pepo</i>
SO 3171	Sea buckthorn/sallow thorn seed <i>Hippophaë rhamnoides</i>
SO 0701	Shea nuts <i>Butyrospermum paradoxum</i> (Gaertn.) Hepper, subsp. <i>parkii</i> (G. Don.) Hepper Synonym: <i>B. parkii</i> (G. Don.) Kotsky
-	Soya bean (dry) , see Group 015: Pulses, VD 0541
-	Soybean (dry) , see Soya bean (dry)
Subgroup 23 E Oilfruits	
<u>Code No.</u>	<u>Commodity</u>
SO 2093	Subgroup of Oilfruits (includes all commodities in this subgroup)
SO 3158	American oil palm fruit <i>Elaeis oleifera</i> (Kunth) Cortés
-	Desert date , see Group 005: Assorted topical and sub-tropical fruits - edible peel, FT 0296
SO 3159	Maripa palm fruit <i>Attalea maripa</i> (Aubl.) Mart
SO 0305	Olives for oil production <i>Olea europaea</i> L., var. <i>europaea</i>

- **Olives (Table olives)**, see Group 005: Assorted tropical and sub-tropical fruits - edible peel
- SO 3160 **Palm fruit (African oil palm)**
Elaeis guineensis Jacq.
- **Peach palm**, see Group 005: Assorted topical and sub-tropical fruits - edible peel,
Bactris gasipaes Kunth var. *gasipaes* .
- SO 3161 **Tucum fruit**
Bactris setosa Mart.

GROUP 024 SEEDS FOR BEVERAGES AND SWEETS

Seeds for beverages and sweets Group 024 Group Letter Code SB

The seeds for beverages and sweets are derived from tropical and sub-tropical trees and shrubs. After processing the seeds are used in the production of beverages and sweets.

These seeds are protected from pesticides applied during the growing season by the shell or other parts of the fruit.

Portion of the commodity to which the MRL applies (and which is analysed): Unless otherwise specified, seed only.

<u>Code No.</u>	<u>Commodity</u>
SB 0091	Group of seeds for beverages (includes all commodities in this group)
SB 0715	Cacao bean <i>Theobroma cacao</i> L.; several ssp.
SB 0716	Coffee bean among others <i>Coffea arabica</i> L.; <i>C. canephora</i> Pierre ex Froehner <i>C. liberica</i> Bull ex Hiern.; ssp. and cultivars
SB 0717	Cola nut <i>Cola nitida</i> (Vent.) Schott & Endl.; <i>C. acuminata</i> (P. Beauv.) Schott & Endl.; <i>C. anomala</i> K. Schum.; <i>C. verticillata</i> (Thonn.) Stapf ex A. Chev.
-	Kola , see Cola nut, SB 0717
SB 0718	Senna seed <i>Senna obtusifolia</i> (L.) H. S. Irwin & Barneby.

GROUP 025 TREE SAPS

Tree saps Group 025 Group Letter Code ST

Tree saps are collected by drilling holes into appropriate tree trunks and collecting the exuded sap, or the sap can be collected from the inflorescence of the trees. The sap is concentrated to syrup by heating to evaporate much of the water. Syrup is used as a sweetener on foods, used as an ingredient in baking and as a sweetener or flavouring agent.

Portion of the commodity to which the MRL applies (and which is analysed): **Unless specified, the fresh sap**

<u>Code No.</u>	<u>Commodity</u>
ST 2095	Group of tree saps (includes all commodities in this group)
ST 3400	Birch , tree sap <i>Betula</i> spp.
ST 3401	Coconut , inflorescence sap <i>Cocos nucifera</i> L.
ST 3402	Hophornbeam , tree sap <i>Ostrya</i> spp.
ST 3403	Manna , tree sap <i>Fraxinus</i> spp.
ST 3404	Maple , tree sap <i>Acer</i> spp.
ST 3405	Nut , tree sap <i>Juglans</i> spp.
ST 3406	Palm , tree sap <i>Jubea</i> spp. and <i>Phoenix</i> spp.
ST 3407	Palmyra Palm , inflorescence sap <i>Borassus flabellifer</i> Linn.
ST 3408	Sycamore , tree sap <i>Platanus</i> spp.

APPENDIX VII**PART B****PROPOSED DRAFT TABLE 4 ON EXAMPLES OF SELECTION OF REPRESENTATIVE COMMODITIES****Type 04 Nuts, Seeds and Saps**

(For inclusion in the *Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups (CAC/GL 84-2012)*)

(For adoption at Step 5/8)

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Group 022 Tree nuts	Two commodities from Almonds, Chestnuts, Pecan, Pistachio and Walnuts; Coconut is not an acceptable representative commodity	<u>Tree nuts (TN 0085)</u> : African nut; Almond; Araucaria nut; Beech nut; Betel nut; Brazil nut; Butter nut; Canarium nut, Candle nut; Cashew nut; Chestnut; Chilean hazelnut ; Coconut; Dika nut; Ginkgo; Hazelnut; Hickory nut; Japanese horse chestnut; Macadamia nut; Mongongo; Oak nut; Okari nut; Pachira nut; Pecan; Pequi seed; Pili nut; Pine nut; Pistachio nut; Sapucaia nut; Tropical almond; Walnut; Yellow-Horn;
Group 023 Oilseeds and oilfruits		
Subgroup 023A Small seed oilseeds	Rapeseed	<u>Small seed oilseeds (SO 2090)</u> : Borage seed; Corn gromwell seed; Evening primrose seed; Gold of pleasure seed; Hare's ear mustard seed; Honesty seed; Lesquerella seed; Linseed; Meadow foam seed; Mustard seed; Mustard seed, field; Mustard seed, Indian; Perilla seed ; Poppy seed; Purple viper's bugloss seed; Radish seed; Rape seed; Sesame seed;
Subgroup 023B Sunflower seeds	Sunflower seed	<u>Sunflower seeds (SO 2091)</u> : Jojoba seed; Niger seed; Safflower seed; Sunflower seed; Tallowwood nut; Tea oil plant seed;
Subgroup 023C Cotton seed	Cotton seed	Cotton seed
Subgroup 023D Other oilseeds	²⁾	American oil palm seed; Argan nut; Babassu seed; Ben Moringa seed; Castor bean; Coyoli palm seed; Grape seed; Hempseed; Kapok; Melon seed; Palm nut; Peanut; Pumpkin seed; Sea buckthorn seed; Shea nut;
Subgroup 023E Oilfruits	Olives for oil production	<u>Oilfruits (SO 2093)</u> : American oil palm fruit; Maripa palm fruit; Olives for oil production; Palm fruit (African oil palm); Tucum fruit;
Group 024 Seeds for beverages and sweets	Cacao bean and Coffee bean	<u>Seed for beverages (SB 0091)</u> : Cacao bean; Coffee bean; Cola nut; Senna seed

Codex Group / Subgroup	Examples of Representative Commodities ¹⁾	Extrapolation to the following commodities
Group 025 Tree saps	Any commodity in this subgroup	Tree saps (ST_2095): Birch sap; Coconut, inflorescence sap ; Hophornbeam sap; Manna sap; Maple sap; Nut sap; Palm sap; Palmyra palm, inflorescence sap ; Sycamore sap;

- 1) Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production
- 2) It is not possible to set a group-CXL for this subgroup because of the broad range of crops in this subgroup.