

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
United Nations



World Health  
Organization

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

Agenda Item 7(a)

CX/PR 18/50/6  
February 2018

## JOINT FAO/WHO FOOD STANDARDS PROGRAMME CODEX COMMITTEE ON PESTICIDE RESIDUES

50<sup>th</sup> Session

Haikou, PR. China, 9 - 14 April 2018

**REVISION OF THE CLASSIFICATION OF FOOD AND FEED:  
CLASS A: PRIMARY FOOD COMMODITIES OF PLANT ORIGIN|  
TYPE 04: NUTS, SEEDS AND SAPS  
Group 022 - Tree nuts  
Group 023 - Oilseeds  
Group 024 - Seed for beverages and sweets  
Group 025 - Tree saps  
(AT STEPS 4 AND 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 comments at Step 6 on Group 024 Seed for beverages and sweets should do so as instructed in CL 2018/12-PR.

Codex members and Observers wishing to submit comments at Step 3 on Group 025 Tree saps should do so as instructed in CL 2018/13-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 36<sup>th</sup> – 49<sup>th</sup> sessions of the Committee on Pesticide Residues (CCPR) including relevant sessions of the Codex Alimentarius (CAC) held from 2004 to 2017.<sup>1</sup>
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 for representative commodities for Type 04.
3. The Electronic Working Group<sup>2</sup> (EWG) on the Revision of the Classification revised all groups in Type 04 to make it consistent with the approach<sup>3</sup> taken by CCPR49 on the revision of the Classification (editorial amendments<sup>4</sup>) 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.

<sup>1</sup> Reports of Codex committee meetings are available at:

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

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

<sup>3</sup> REP17/PR, para. 112

<sup>4</sup> REP17/PR, para. 142

4. One of the terms of reference<sup>5</sup> (TOR) from CCPR49 (2017) was to continue work on Group 024 Seeds for beverages and sweets and the new Group 025 Tree saps and determine if these groups can be expanded to other commodities.

5. Group 022 was finalized<sup>6</sup> by CCPR43 (2011) and Group 023 was finalized<sup>7</sup> by CCPR42 (2010). The Committee retained these groups at Step 7 pending finalization of the remaining groups in Type 04. Groups 022 and 023 are shown in Appendix I and Appendix II respectively. No comments are requested on these groups.

6. Group 024, Seeds for beverages and sweets was considered by CCPR49 (2017) and forwarded to CAC40 (2017) for adoption at Step 5. The Commission adopted the Group at Step 5. Group 025 was considered by CCPR49 and returned to Step 2 for redrafting. Both groups were revised in line with the TOR of the EWG.

## **CONCLUSIONS**

7. This document presents all the proposed revised commodity groups under Type 04 Nuts, seeds and saps of the Classification (Appendices I to IV). Agreement by CCPR on the revised groups will complete revision of Type 04 for final adoption by CAC41 (2018).

8. The revision is consistent with the proposals on examples of representative commodities for commodity groups for Type 04 under Agenda Item 7(e).

9. Following adoption by CAC, the revised Type 04 (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**

10. The EWG recommends the Committee to forward the revised Type 04 Nuts, seeds and saps (Agenda Item 7a) and the corresponding Table on examples of representative commodities for commodity groups for this type (Agenda Item 7e) to CAC41 (2018) for final adoption.

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<sup>5</sup> REP17/PR, para. 141

<sup>6</sup> REP11/PR, para. 91, Appendix VI

<sup>7</sup> ALINORM 10/33/24, para. 96, Appendix IX

**APPENDIX I**

**CLASS A: PRIMARY FOOD COMMODITIES OF PLANT ORIGIN**  
**TYPE 04: NUTS, SEEDS AND SAPS**  
**GROUP 022 TREE NUTS**  
**(At Step 7)**  
**For consideration by CCPR**

**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. Chestnut: whole in skin.**

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

**GROUP 023 OILSEEDS  
(At Step 7)  
For consideration by CCPR**

**Class A****Type 4                    Nuts and seeds Group 023 Group Letter Code SO**

Oilseed consists of seeds from a variety of plants used in the production of edible vegetable oils, seed meals and cakes for animal feed. Some important vegetable oil seeds are by-products of fibre or fruit crops (e.g. cotton seed, olives).

Some of the oilseeds are, directly or after slight processing (e.g. roasting), used as food (e.g. peanuts) or for food flavouring (e.g. poppy seed, sesame seed).

Oilseeds are protected from pesticides applied during the growing season by the shell or husk of fruit flesh.

The group Oilseed is divided into five subgroups:

023A Small seed oilseeds

023B Sunflower seeds

023C Cottonseed

023D Other oilseeds

023E Oilfruits

Portion of the commodity to which the MRL applies (and which is analysed): **Oilseeds: Unless otherwise specified, seed or kernels, with shell or husk. Oilfruits: whole commodity**

**Group 023      Oilseed****Code No.        Commodity**

SO 0088        **Group of Oilseeds** (rape seeds, sunflower seeds, cotton seeds and other oilseeds and oilfruits) (includes all commodities in this group)

SO 0089        **Subgroup of Oilseeds, except peanut**

**Subgroup 023A Small seed oilseeds****Code No.        Commodity**

SO 2090        **Subgroup of small seed oilseeds**  
(includes all commodities in this subgroup)

SO 0090        **Subgroup of Mustard seeds**  
(Mustard seed; Mustard seed, Field; Mustards seed, Indian)

SO 3140        **Borage seed**  
*Borago officinalis* L.

-                **Colza**, see Rape seed, SO 0495

-                **Colza, Indian**, see Mustard seed, Field, SO 0694

SO 3162        **Corn gromwell seed**  
*Buglossoides arvensis*; syn: *Lithospermum arvense*

-                **Canola**, see Rape seed, SO 0495

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	<b>Hare's ear mustard seed</b> <i>Congringia orientalis</i> (L.) Dumort
SO 3164	<b>Honesty seed</b> <i>Lunaria annua</i>
SO 3143	<b>Lesquerella seed</b> (gaslight bladderpod) <i>Lesquerella recurvata</i> (Engelm. ex. A. Gray) S. Watson
SO 0693	<b>Linseed</b> <i>Linum usitatissimum</i> L.
SO 3144	<b>Meadow foam seed</b> <i>Limnanthes alba</i> Hartw. ex Benth.
SO 0485	<b>Mustard seed</b> <i>Brassica nigra</i> (L.) Koch; <i>Sinapis alba</i> L. Synonym: <i>Brassica hirta</i> Moench.
SO 0694	<b>Mustard seed, Field</b> <i>Brassica campestris</i> L., var. <i>sarson</i> Prain; <i>B. campestris</i> L., var. <i>toria</i> Duthie & Fuller
SO 0478	<b>Mustard seed, Indian</b> <i>Brassica Juncea</i> (L.) Czern. & Coss.
SO 3145	<b>Perilla seed</b> <i>Perilla frutescens</i> (L.) Britton var. <i>frutescens</i>
SO 0698	<b>Poppy seed</b> <i>Papaver somniferum</i> L.
SO 3165	<b>Purple viper's bugloss seed</b> <i>Echium plantagineum</i>
SO 3166	<b>Radish seed</b> <i>Raphanus sativus</i> convar. <i>Oleifer</i>
SO 0495	<b>Rape seed</b> <i>Brassica napus</i> L.
-	<b>Rape seed, Indian</b> , see Mustard seed, Field, SO 0694 <i>Brassica campestris</i> L., var. <i>toria</i> Duthie & Fuller
SO 0700	<b>Sesame seed</b> <i>Sesamum indicum</i> L. Synonym: <i>S. orientale</i> L.
SO 3167	<b>Turnip rape seed</b> <i>Brassica rapa</i> subsp. <i>Oleifera</i>
<b>Subgroup 023B Sunflower seeds</b>	
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
SO 2091	<b>Subgroup of Sunflower seeds</b> (includes all commodities in this subgroup)
SO 3146	<b>Jojoba seed</b> <i>Simmondsia chinensis</i> (Link) C. K. Schneid.

SO 3168	<b>Milk thistle seed</b> <i>Silybum marianum</i>
SO 0695	<b>Niger seed</b> <i>Guizotia abyssinica</i> (L.) Cass.
SO 0699	<b>Safflower seed</b> <i>Carthamus tinctorius</i> L.
SO 0702	<b>Sunflower seed</b> <i>Helianthus annuus</i> L.
SO 3147	<b>Tallowwood nut</b> <i>Ximenia americana</i> L.
SO 3148	<b>Tea oil plant seed</b> <i>Camellia oleifera</i> C. Abel
<b>Subgroup 023C Cotton seed</b>	
SO 0691	<b>Cotton seed</b> <i>Gossypium</i> spp.; several species and cultivars
<b>Subgroup 023D Other oilseeds</b>	
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
SO 3150	<b>American oil palm seed</b> <i>Elaeis oleifera</i> (Kunth) Cortés
SO 3169	<b>Argan nut</b> <i>Argania spinosa</i>
SO 3151	<b>Babassu seed</b> <i>Attalea speciosa</i> Mart. Ex Spreng
SO 0690	<b>Ben Moringa seed</b> <i>Moringa oleifera</i> Lam. Synonyms: <i>M. pterygosperma</i> Gaertn.
SO 3170	<b>Castor bean</b> <i>Ricinus communis</i>
-	<b>Coconut</b> , see Group 022: Tree nuts, TN 0665
SO 3152	<b>Coyoli palm seed</b> <i>Acrocomia aculeata</i> (Jacq.) Lodd. ex Mart.
-	<b>Drumstick tree seed</b> , see Ben Moringa seed, SO 0690
SO 3153	<b>Grape seed</b> <i>Vitis vinifera</i> L., several cultivars
-	<b>Groundnut</b> , see Peanut, SO 0697
SO 3154	<b>Hempseed</b> <i>Cannabis sativa</i> L. var. <i>sativa</i>
-	<b>Horseradish tree seed</b> , see Ben Moringa seed, SO 0690
SO 0692	<b>Kapok</b> <i>Ceiba pentandra</i> (L.) Gaertn.
-	<b>Karite nuts</b> , see Shea nuts SO 0701
-	<b>Maize</b> , see Group 020: Cereal grains



SO 3155	<b>Melon seed</b> <i>Cucumis melo</i> L. spp. several species and cultivars
-	<b>Palm kernel</b> , see Palm nut, SO 0696
SO 0696	<b>Palm nut</b> <i>Elaeis guineensis</i> Jacq.
SO 0697	<b>Peanut</b> <i>Arachis hypogaea</i> L.
SO 0703	<b>Peanut, whole</b> , see Peanut, SO 0697
SO 3156	<b>Pumpkin seed</b> <i>Cucurbita pepo</i> L. subsp. <i>pepo</i>
SO 3171	<b>Sea buckthorn/sallow thorn seed</b> <i>Hippophaë rhamnoides</i>
SO 0701	<b>Shea nuts</b> <i>Butyrospermum paradoxum</i> (Gaertn.) Hepper, subsp. <i>parkii</i> (G. Don.) Hepper Synonym: <i>B. parkii</i> (G. Don.) Kotsky
-	<b>Soya bean (dry)</b> , see Group 015: Pulses, VD 0541
-	<b>Soybean (dry)</b> , see Soya bean (dry)
<b>Subgroup 23 E Oilfruits</b>	
<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
SO 2093	<b>Subgroup of Oilfruits</b> (includes all commodities in this subgroup)
SO 3158	<b>American oil palm fruit</b> <i>Elaeis oleifera</i> (Kunth) Cortés
-	<b>Desert date</b> , see Group 005: Assorted topical and sub-tropical fruits - edible peel, FT 0296
SO 3159	<b>Maripa palm fruit</b> <i>Attalea maripa</i> (Aubl.) Mart
SO 0305	<b>Olives for oil production</b> <i>Olea europeaea</i> L., var. <i>euroaea</i>
-	<b>Olives (Table olives)</b> , see Group 005: Assorted tropical and sub-tropical fruits - edible peel
SO 3160	<b>Palm fruit (African oil palm)</b> <i>Elaeis guineensis</i> Jacq.
-	<b>Peach palm</b> , see Group 005: Assorted topical and sub-tropical fruits - edible peel, <i>Bactris gasipaes</i> Kunth var. <i>gasipaes</i> .
SO 3161	<b>Tucum fruit</b> <i>Bactris setosa</i> Mart.

**APPENDIX III**

**GROUP 024 SEED FOR BEVERAGES AND SWEETS**  
**(For comments at Step 6)**

**Seed 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.**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
SB 0091	<b>Group of seeds for beverages</b>
SB 0715	<b>Cacao bean</b> <i>Theobroma cacao</i> L.; several ssp.
SB 0716	<b>Coffee bean</b> 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	<b>Cola nut</b> <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.
-	<b>Kola</b> , see Cola nut, SB 0717
SB 0718	<b>Senna seed</b> <i>Senna obtusifolia</i> (L.) H. S. Irwin & Barneby.

**APPENDIX IV****GROUP 025 TREE SAPS  
(For comments at Step 3)****Tree saps                    Group 025 Group Letter Code ST**

Tree saps are collected by drilling holes into appropriate tree trunks and collecting the exuded sap. The sap is concentrated to syrup by heating to evaporate much of the water. Syrup is used as a sweetener on other 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**

<b><u>Code No.</u></b>	<b><u>Commodity</u></b>
ST 2095	<b>Group of tree saps</b> (includes all commodities in this group)
ST 3400	<b>Birch sap</b> <i>Betula</i> spp.
ST 3401	<b>Hophornbeam sap</b> <i>Ostrya</i> spp.
ST 3402	<b>Manna sap</b> <i>Fraxinus</i> spp.
ST 3403	<b>Maple sap</b> <i>Acer</i> spp.
ST 3404	<b>Nut sap</b> <i>Juglans</i> spp.
ST 3405	<b>Palm sap</b> <i>Jubea</i> spp. and <i>Phoenix</i> spp.
ST 3406	<b>Sycamore sap</b> <i>Platanus</i> spp.

**APPENDIX V****LIST OF PARTICIPANTS**

<b>Name</b>	<b>Country/Organization</b>	<b>Email</b>
Bill Barney (Chair)	USA / IR-4	barney@njaes.rutgers.edu
Dorin Poelmans (Co-Chair)	Netherlands / Dutch Food and Consumer Product Safety Authority	d.a.m.poelmans@nvwa.nl
Gauhar Amirova	Kazakhstan / National Center for Expertise	Amirova.gauhar@gmail.com
Jakeline Arias	Ecuador / Ministerio de Agricultura	jakeline.arias@agrocalidad.gob.ec
Sinan Arslan	Turkey / Ministry of Food, Agriculture	sinan.arslan@tarim.gov.tr
Alexandra de Athayde	International Feed Industry Federation (observer status)	alexandra.athayde@ifif.org
Sunil Bakshi	India	sbakshi@fssai.gov.in
Doris Emilce Novoa Bautista	Columbia / Instituto Colombiano Agropecuario	doris.novoa@ica.gov.co
Sarita Bhalla	India / Ministry of Agriculture and Farmer's Welfare	saritabhalla3@gmail.com
Almut Bitterhof	EU / European Commission	almut.bitterhof@ec.europa.eu
Arnaud Bouxin	European Feed Manufacturers Federation (observer)	abouxin@fefac.eu
Peter Chan	Canada / Health Canada	peter.chan@canada.ca
Codex Contact, Argentina	Argentina	codex@magyp.gob.ar
Codex Contact, Australia	Australia	codex.contact@agriculture.gov.au
Codex Contact, Japan	Japan / Ministry of Health, Labour and Welfare	codexj@mhlw.go.jp
Codex Contact, Republic of Korea	Korea / Ministry of Food and Drug Safety	inukioo@korea.kr
Julian Cudmore	United Kingdom / Chemicals Regulation Division	julian.cudmore@hse.gov.uk
James Deller	Australia / Australian Pesticides and Veterinary Medicines Authority	james.deller@apvma.gov.au
Christophe Didion	EU / European Commission	<a href="mailto:christophe.didion@ec.europa.eu">christophe.didion@ec.europa.eu</a>
Ian Gardiner	Canada / Agriculture and Agri-Food Canada (observer)	ian.gardiner@agr.gc.ca
Maria Gaspari	Greece / Hellenic Ministry of Rural Development and Food	mgaspari@minagric.gr
Jose Eduardo Gimenez-Duarte	Paraguay/ Departamento de Trazabilidad Vegetal	josegd78@hotmail.com
Angela Goebel	Germany / Federal Ministry of Food and Agriculture	313@bmel.bund.de
Caroline Harris	IUPAC	charris@exponent.com
Karsten Hohgardt	Germany / Federal Office of Consumer Protection and Food Safety	karsten.hohgardt@bvl.bund.de
Kyung-hee Jung	Republic of Korea / Ministry of Food and Drug Safety	inukioo@korea.kr
George Kiminza	Kenya : Kenya Bureau of Standards	kiminzag@kebs.org
Monica Le	Canada / Health Canada	monica.le@canada.ca
Aluwani Alice Madzivhandila	South Africa / Department of Health	aluwani.madzivhandila@health.gov.za
Roberto Manos	European Union / European Commission	roberto.manos@ec.europa.eu

<b>Name</b>	<b>Country/Organization</b>	<b>Email</b>
Maria Maratos	United States / United States Department of Agriculture, US Codex Office	marie.maratos@fsis.usda.gov
Yoshiyuki Matsubara	Japan / Ministry of Health, Labour and Welfare	codexj@mhlw.go.jp
Ray McAllister	US / Crop Life America	ray@croplife.us
Jakeline Fernanda Arias Méndez	Ecuador / Coordinator of Subcommittee of Pesticide Residues	jakeline.arias@agrocalidad.gob.ec
Christoph Neumann	CropLife International	wibke.meyer@croplife.org
Lucy Namu	Kenya / Kenya Plant Health Inspectorate Service	Inamu@kephis.org
Roya Noorbakhsh	Iran / Standard Research Institute	roybakhsh@yahoo.com
Yuta Ogawa	Japan / Ministry of Health, Labour and Welfare of Japan	codexj@mhlw.go.jp
Geoffrey Onen	Uganda / Directorate of Government Analytical Laboratory	onengff@hotmail.com
Veronica Picado Pomar	Costa Rica / Servicio Fitosanitario del Estado	vpicado@sfe.go.cr
Ian Reichstein	Australia / National Residue Survey, Department of Agriculture	ian.reichstein@agriculture.gov.au
Panpilad Saikaew	Thailand / National Bureau of Agricultural Commodity and Food	pls_pilad@hotmail.com
Todd F Scholz	US / Global Pulse Confederation (observer)	tscholz@usapulses.org
Jennifer Selwyn	Canada / Health Canada	jennifer.selwyn@canada.ca
Krishna Kumar Sharma	India / Indian Council of Agricultural Research	kksaicrp@yahoo.co.in
Simone SooHoo	International Council of Beverages Associations	simone@icba-net.org
Tania Daniela Fosado Soriano	Mexico / Secretaría de Economía (observer)	Tania.fosado@economia.gob.mx
Yoshiyuki Takagishi	Japan / Ministry of Agriculture, Forestry and Fisheries	yoshiyuki_takagis500@maff.go.jp
Joyce Thaiya	Kenya / State Department of Livestock	thaiyajcw@yahoo.com
Zhanar Tolysbayeva	Kazakhstan / The Ministry of Healthcare	tolyzhan@mail.ru
Chris Williams	Australia / Department of Agriculture	chris.williams@agriculture.gov.au
Yukiko Yamada	Japan / Ministry of Agriculture, Forestry and Fisheries	yyamada1201@gmail.com