

CODEX ALIMENTARIUS COMMISSION



Food and Agriculture
Organization of
the United Nations



World Health
Organization

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

Agenda Item 7(d)

CX/PR 15/47/9

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JOINT FAO/WHO FOOD STANDARDS PROGRAMME

CODEX COMMITTEE ON PESTICIDE RESIDUES

47th Session

Beijing, P.R. China, 13-18 April, 2015

PROPOSED DRAFT TABLES 2 (VEGETABLE COMMODITY GROUPS) AND 3 (GRASSES – CEREAL GRAINS) - EXAMPLES OF SELECTION OF REPRESENTATIVE COMMODITIES (FOR INCLUSION IN THE PRINCIPLES AND GUIDANCE FOR THE SELECTION OF REPRESENTATIVE COMMODITIES FOR THE EXTRAPOLATION OF MAXIMUM RESIDUE LIMITS FOR PESTICIDES TO COMMODITY GROUPS) AT STEP 4

(Prepared by the Electronic Working Group led by the Netherlands and the United States of America)

Codex Members and Observers wishing to submit comments at **Step 3** on this document (see **Appendix I (Table 2 – Vegetable commodity groups) and Appendix II (Table 3 – Grasses / Cereal Grains)**), including possible implications for their economic interests, should do so in conformity with the *Uniform Procedure for the Elaboration of Codex Standards and Related Texts* (Codex Alimentarius Commission Procedural Manual) before **31 March 2015**. Comments should be directed:

to:

Mrs Lifang DUAN
Institute for the Control of Agrochemicals
Ministry of Agriculture
Room 906, No. 18 building
Maizidian Street, Chaoyang District,
Beijing, 100125, P.R. China
Email: ccpr@agri.gov.cn

with a copy to:

Secretariat, Codex Alimentarius Commission,
Joint FAO/WHO Food Standards Programme,
Viale delle Terme di Caracalla,
00153 Rome, Italy
Email: codex@fao.org

BACKGROUND

1. When considering the revision of the *Classification for Foods and Feeds* (CAC/MISC 4-1993), the 40th Session of the Committee on Pesticide Residues (April 2008) agreed that the Principles and Guidance for the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides for Commodity Groups should be developed separately from the revision of the Classification.¹
2. The selection of representative commodities within each crop group, however, should take due account of the revision of the respective crop group in the Classification in order to keep consistency between the Tables on examples and the corresponding commodity groups in the Classification for the purposes of residue extrapolation and allocation of group MRLs.
3. The *Principles and Guidance on the Selection of Representative Commodities for the Extrapolation of Maximum Residue Limits for Pesticides to Commodity Groups* including *Table 1: Examples of the Selection of Representative Commodities (fruit commodity groups)* were adopted by the 35th Session of the Codex Alimentarius Commission.²
4. The 46th Session was not able to agree on the grouping of Groups 011 (Fruiting vegetables, Cucurbits) and 014 (Legume vegetables). The 46th Session of the Committee agreed to return Table 2 to Step 2/3 for redrafting by the Electronic Working on the revision of the Classification of Food and Feed for comments and consideration at its next session.³ The list of participants is contained in Appendix III.

¹ ALINORM 08/31/24, paras 113-115

² REP12/CAC, Appendix III

³ REP14/PR, paras 147, 148, 150

5. In regard to Fruiting vegetables, cucurbits Group 011, there are now three proposals⁴ including (1) Three subgroups including 11A. Cucumber and summer squash; 11B. Melons and 11C. Winter squashes; (2) Two subgroups established by the International Crop Grouping Consulting Committee including 11A. Melon and 11B. Squash/Cucumber and (3) Two subgroups including 11A. Cucurbits with edible peel and 11B. Cucurbits with inedible peel. Options (1) and (2) are presented in this document. Option 3 considers Cucurbits with edible peel and inedible peel, yet many Cucurbits with inedible peel are also consumed in an immature stage as a vegetable or in soups and stews. Examples include casabanana and Chinese cucumber.
6. In regard to Legume vegetables Group 014, there is general agreement for the establishment of 4 subgroups including 14A. Beans with pods, 14B. Peas with pods, 14C. Succulent beans without pods and 14D. Succulent peas without pods.⁴
7. In May 2014, a Circular Letter (CL 2014/16-PR) requested comments from Codex members regarding criteria for crop grouping of Cucurbits and Legume vegetables. One comment was received from the European Union expressing agreement with the 7 characteristics used for crop grouping, but considered criterion #2 (morphology) as the least important. Japan subsequently suggested that priority should be given to criteria #1 (commodity's similar potential for pesticide residues) and #5 (similar GAP for pesticide uses).⁴
8. In an attempt to make progress with these two groups, the EWG was reconvened. Comments were requested from the EWG regarding subgrouping of Fruiting vegetables, Cucurbits and Legume vegetables. Comments were received from Canada, Japan, New Zealand, Thailand and the United States of America. In regards to Cucurbits, Thailand and Japan supported the concept of 3 subgroups, while the United States of America and Canada supported the 2 subgroups established by the International Crop Grouping Consulting Committee. New Zealand supported 2 subgroups including Cucurbits with and without edible peels supported 2 subgroups, similar to the EU system.⁴
9. In regard to Legume vegetables, there was general consensus from Canada, New Zealand and the United States of America. Thailand suggested including *Phaseolous* spp and *Vigna* spp. under the same code.⁴
10. In regard to Pulses, there was support from Canada, Chile and Costa Rica. Peru supported the proposal of Japan and South Africa to combine dry peas and dry beans into a single group and also proposed additional commodities including *Pisum sativum*, *Arachis hypogaea*, *Cajanus cajan*, *Vigna radiate*, *Lablab purpureus* and *Lupinus matabilis*. The Chair proposes that Group 015 - Pulses retain two subgroups 15A. Dried beans (without pods) and 15B. Dried peas (without pods). This will provide opportunities for MRLs for the respective subgroup when data is not available for both commodities (dried beans and dried peas).⁵
11. A revised Table 2 is presented in the Appendix I. In this table the revised groups of root and tuber vegetables, fruiting vegetables, cucurbits, legume vegetables and pulses are now included. For discussion purposes, two options are presented for Fruiting vegetables, cucurbits.
12. These Tables are developed according to the Codex Step Procedure with a view to its inclusion in the Principles and Guidance as complementary information to Table 1 in relation to example of representative commodities for vegetable groups. The inclusion of Table 2 would be considered as a consequential amendment to the Principles and Guidance and would be submitted for final adoption in conjunction with the revision of the Classification as per the vegetable commodity groups.
13. The subsequent Table 3 for Grasses is now included in Appendix II. Note that two options are also presented for Cereal Grains, Group 020. Other tables to follow include Table 4 for Nuts and Seeds and Table 5 for Herbs and Spices in parallel with the revision of the Classification as regards to the relevant commodity groups.⁶

RECOMMENDATION

14. Codex members and observers wishing to submit comments on the commodity groups as presented in Appendix I (Table 2 – Vegetable commodity groups) and Appendix II (Table 3 – Grasses) are kindly reminded of the following:
 - (i) Proposals for Table 2 for Group 015. Pulses, 011. Fruiting vegetables, cucurbits and 014. Legume vegetables should take due account of the discussion held at the 46th Session of CCPR including comments submitted at Step 3 in relation to the revision of the Classification.^{4,5}

⁴ See CX/PR 15/47/7

⁵ See CX/PR 15/47/6

⁶ See CX/PR 15/47/8

- (ii) Proposals for Table 2 for remaining vegetable commodity groups should take due account of the decisions taken at previous sessions of CCPR in relation to those vegetable groups retained at Step 7 awaiting the finalization of the vegetable commodity groups and describe any possible impact on the classification of these groups.⁷
 - (iii) Proposals for Table 3 should take due account of the information and proposals contained in CX/PR 15/47/8 including comments submitted at Step 3 in relation to the revision of the Classification.⁶
15. The Committee is invited to consider Tables 2 and 3 and to advance these proposals for adoption at Step 5 by the 38th Session of the Commission.
16. The Committee is also invited to allocate further work on examples of representative committees to the Electronic Working Group on the revision of the Classification vis-à-vis progress made in the revision of the Classification (see Agenda Items 7a,b,c).

⁷ ALINORM 10/33/24, Appendix IX (42/2010 CCPR) – Group 009. Bulb vegetables / Group 012. Fruiting vegetables, other than cucurbits / Group 18. Edible fungi; REP13/PR, Appendix X (45/2013 CCPR) Group 010. Brassica vegetables (except Brassica leafy vegetables) / Group 013 Leafy vegetables (including Brassica leafy vegetables) / Group 017 Stalk and stem vegetables; and REP14/PR, Appendix IX (46/2014 CCPR) – Group 016. Roots and Tubers.

APPENDIX I**Table 2. Examples of the Selection of Representative Commodities – Vegetables**

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 009 Bulb vegetables	Bulb onion and Spring onion or Leek	<u>Bulb vegetables (VA 0035)</u> : Chives; Chives, Chinese; Daylilly; Elegans hosta; Fritillaria (bulb); Fritillaria (green); Garlic; Garlic chives; Garlic, Great-headed; Garlic, Serpent; Kurrat; Lady's leek; Leek; Lily; Onion, Beltsville bunching; Onion, Bulb; Onion, Chinese; Onion, fresh; Onion macrostem; Onion, Pearl; Onion, potato; Onion, Welsh; Shallot; Silverskin onion; Spring onion; Tree onion; Wild leek
Subgroup 009A, Bulb Onions	Bulb onion	<u>Bulb Onions (VA 2031)</u> : Daylilly; Fritillaria (bulb); Garlic; Garlic, Great-headed; Garlic, Serpent; Lily; Onion, Bulb; Onion, Chinese; Shallot; Silverskin onion
Subgroup 009B, Green Onions	Spring onion or Leek	<u>Green Onions (VA 2032)</u> : Chives; Chives, Chinese; Elegans hosta; Fritillaria (green); Garlic chives; Kurrat; Lady's leek; Leek; Onion, Beltsville bunching; Onion, fresh; Onion macrostem; Onion, Pearl; Onion, potato; Onion, Welsh; Spring onion; Tree onion; Wild leek
Group 010 Brassica (cole or cabbage) vegetables, Head cabbages, Flowerhead cabbages	Broccoli and Cabbage or Chinese cabbage (type Pe-tsai) and Brussels sprouts and Kohlrabi	<u>Brassica (cole or cabbage) vegetables, Flowerhead cabbages (VB0040)</u> : Broccoli; Brussels sprouts; Cabbage, Head; Cabbage, Chinese (napa); Cabbage Savoy; Cauliflower; Kohlrabi; Stem mustard
Group 10A, Flowerhead Brassicas	Broccoli	<u>Flowerhead Brassicas (VB 0042)</u> : Broccoli; Cauliflower
Group 10B, Head Brassicas	Cabbage or Chinese cabbage (type Pe-tsai) and Brussels sprouts	<u>Head Brassicas (VB 2036)</u> : Cabbages, head; Brussels sprouts; Cabbage Savoy; Chinese cabbage (napa)
Group 10C, Stem Brassicas	Kohlrabi	<u>Stem Brassicas (VB 2016)</u> : Kohlrabi; Stem mustard

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 011 Fruiting vegetables, Cucurbits	Cucumber and Squash, Summer and Melon (<i>Cucumis melo</i>)	<u>Fruiting vegetables, Cucurbits (VC 0045)</u> : Balsam apple; Bitter melon; Bottle gourd; Casabanana; Chayote; Chinese cucumber; Cucumber; Cucumber, African horned; Cucumber, exploding; Cucumber, stuffing; Gherkin; Gherkin, West Indian; Gourd, bitter snake; Gourd, buffalo; Gourd, Malabar; Gourd, pointed; Gourd, round; Ivy gourd; Japanese snake gourd; Loofah, angled; Loofah, Smooth; Melons, except watermelon; Melon, nara; Pumpkins; Snake gourd; Squash, Summer; Tacaco; Watermelon; Wax gourd; Winter squash
Subgroup 11A Fruiting vegetables, Cucurbits – edible peel	Cucumber and Squash, Summer	<u>Fruiting vegetables, Cucurbits – edible peel (VC 2039)</u> : Balsam apple; Bitter melon; Bottle gourd; Chayote; Cucumber; Cucumber, exploding; Cucumber, stuffing; Gherkin; Gherkin, West Indian; Gourd, bitter snake; Gourd, buffalo; Gourd, Malabar; Gourd, pointed; Gourd, round; Ivy gourd; Japanese snake gourd; Loofah, angled; Loofah, Smooth; Snake gourd; Squash, Summer; Tacaco
Subgroup 11B Fruiting vegetables, Cucurbits – inedible peel - melons	Melon (<i>Cucumis melo</i>)	<u>Fruiting vegetables, Cucurbits – inedible peel- melons (VC 2040)</u> : Casabanana; Cucumber, African horned; Cucumber, Armenian; Melon, Citron; Melons, except watermelon; Melon, nara; Watermelon

OR (see following page)

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 011 Fruiting vegetables, Cucurbits	Cucumber and Squash, Summer and Melon (<i>Cucumis melo</i>) and Pumpkins and/or Winter squash	<u>Fruiting vegetables, Cucurbits (VC 0045)</u> : Balsam apple; Bitter melon; Bottle gourd; Casabanana; Chayote; Chinese cucumber; Cucumber; Cucumber, African horned; Cucumber, exploding; Cucumber, stuffing; Gherkin; Gherkin, West Indian; Gourd, bitter snake; Gourd, buffalo; Gourd, Malabar; Gourd, pointed; Gourd, round; Ivy gourd; Japanese snake gourd; Loofah, angled; Loofah, Smooth; Melons, except watermelon; Melon, nara; Pumpkins; Snake gourd; Squash, Summer; Tacaco; Watermelon; Wax gourd; Winter squash
Subgroup 11A Fruiting vegetables, Cucurbits – edible peel	Cucumber and Squash, Summer	<u>Fruiting vegetables, Cucurbits – edible peel (VC 2039)</u> : Balsam apple; Bitter melon; Bottle gourd; Chayote; Cucumber; Cucumber, exploding; Cucumber, stuffing; Gherkin; Gherkin, West Indian; Gourd, bitter snake; Gourd, buffalo; Gourd, Malabar; Gourd, pointed; Gourd, round; Ivy gourd; Japanese snake gourd; Loofah, angled; Loofah, Smooth; Snake gourd; Squash, Summer; Tacaco
Subgroup 11B Fruiting vegetables, Cucurbits – inedible peel - melons	Melon (<i>Cucumis melo</i>)	<u>Fruiting vegetables, Cucurbits – inedible peel- melons (VC 2040)</u> : Melons, except watermelon; Melon, nara; Watermelon
Subgroup 11C Fruiting vegetables, Cucurbits – inedible peel – winter squashes	Pumpkins and/or Winter squash	<u>Fruiting vegetables, Cucurbits – inedible peel- winter squashes (VC 2041)</u> : Casabanana ¹ ; Chinese cucumber ² ; Cucumber, African horned ³ ; Pumpkins; Wax gourd; Winter squash

¹ Casabanana is a melon and consumed both in an immature stage as a vegetable or in soups or stews and as a dessert as a mature fruit.

² The Chinese cucumber is harvested as an immature fruit which are cooked and used as vegetables and in curries.

³ The African horned cucumber is classified as a melon.

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 012 Fruiting vegetables, other than Cucurbits	<p>One cultivar of large variety Tomato and one cultivar of small variety Tomato and</p> <p>Sweet Pepper and Chili pepper and</p> <p>One cultivar of large variety eggplant and one cultivar of small variety eggplant</p>	<p><u>Fruiting vegetables, other than Cucurbits (VO 0050)</u>: African eggplant; Bush tomato; Cherry tomato; Cocona; Currant tomato; Eggplant; Garden huckleberry; Goji berry; Ground cherries, Martynia; Okra; Pea eggplant; Pepino; Peppers, Chili; Peppers, sweet; Roselle;</p> <p>Scarlet eggplant; Sunberry; Tomatillo; Tomato; Thai eggplant</p>
Group 12A, Tomatoes	One cultivar of large variety tomato and one cultivar of small variety tomato	<u>Tomatoes (VO 2045)</u> : Bush tomato; Cherry tomato; Cocona; Currant tomato; Garden huckleberry; Goji berry; Ground cherries; Sunberry; Tomatillo; Tomato
Group 12B, Peppers	Sweet Pepper and Chili pepper	<u>Peppers (VO 0051)</u> : Martynia; Okra; Peppers, Chili; Peppers, sweet; Roselle
Group 12C, Eggplants	One cultivar of large variety eggplant and one cultivar of small variety eggplant	<u>Eggplants (VO 2046)</u> : African eggplant; Eggplant; Pea eggplant; Pepino; Scarlet eggplant; Thai eggplant

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 013 Leafy vegetables (including Brassica leafy vegetables)	<p>Head lettuce and/or Leaf lettuce and Spinach and</p> <p>Mustard greens or Kale or Broccoli, Chinese or radish leaves and</p> <p>Beet, garden leaves and</p> <p>Sweet potato leaves or Arrowroot leaves and</p> <p>Grape leaves and</p> <p>Kangkung or Water mimosa or Watercress and</p> <p>Witloof chicory (sprouts) and</p> <p>Leaf lettuce or any crop intended to use as baby leaves (harvested up to 8 true leaf stage)</p>	<p><u>Leafy vegetables (including Brassica leafy vegetables) (VL 0053)</u>: Acacia shoots; African Eggplant leaves; African nightshade; Agretti; Alexanders leaves; Alfalfa sprouts; Amaranth leaves; Arrowroot leaves; Aster, Indian; Ayoyo; Baby leaves; Balsam pear leaves; Bambara groundnut leaves; Barley shoots; Bell flower, Chinese leaves; Ben moringa leaves; Bitawiri; Bitter leaf; Blackjack; Boxtorn; Broccoli, Chinese; Broccoli raab; Cabbage, Abyssinian; Cabbage. Seakale; Cassava leaves; Cat's Wiskers; Chamchwi; Chamnamul; Chamssuk; Chard; Chayote leaves; Chervil; Chicory leaves; Chili pepper leaves; Chinese cabbage (type Pak-choi); Chinese flat cabbage; Chipilin; Cress, Garden; Cress, Upland; Chrysanthum, Edible leaved; Common bean leaves; Corn salad; Cos lettuce; Cosmos; Cowpea leaves; Dandelion; Dangawi; Daylily leaves; Dock; Dolnamul; Ebolo; Endive; Fame flower; Feather cockscomb; Flowering white cabbage; Glasswort, common; Godeulppaegi; Gomchwi; Goosefoot; Grape leaves; Hanover salad; Iceplant; Ivy gourd leaves; Japanese honewort; Jute; Kahurura; Kangkung; Kale; Kohlrabi leaves; Komatsuna; Lettuce, bitter; Lettuce, head; Lettuce; leaf; Maca leaves; Mallow leaves; Melientha; Mizuna; Monkey-bread tree leaves; Mungbean sprouts; Mustard, greens; Mustard, tuberous rooted, Chinese; New Zealand spinach; Okazi leaves; Orach; Papaya leaves; Peanut leaves; Perilla leaves; Plantain leaves; Polygonatum leaves; Pumpkin leaves; Purple-stem mustard; Purslane; Purslane, Winter; Radish leaves; Radish sprouts; Rampion leaves; Rape greens; Roselle leaves; Rucola;</p>

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
	and Mungbean sprouts	Rutabage greens; Salsify leaves; Sanmaneul leaves; Shepherd's purse; Sichuan pepper sprouts; Sowthistle; Soya bean leaves; Soya bean sprouts; Spider plant; Spinach; Spinach. Indian; Ssam cabbage; Seumbagwi; Sweet potato leaves; Tanier spinach; Tannia leaves; Taro leaves; Toona sinensis; Turnip greens; Ullucu leaves; Velvet plant leaves; Violet, Chinese; Wasabi leaves; Water clover; Watercress; Water mimosa; Water shield; White led tree; Wild Rocket; Witloof chicory (sprouts); Yam leaves
Group 13A, Leafy greens	Head lettuce and/or Leaf lettuce and Spinach	<u>Leafy greens (VL 2050)</u> : African Eggplant leaves; African nightshade; Agretti; Amaranth leaves; Aster, Indian; Ayoyo; Bambara groundnut leaves; Barley shoots; Bitawiri; Bitter leaf; Blackjack; Boxtorn; Cat's Wiskers; Chamchwi; Chamnamul; Chamssuk; Chard; Chervil; Chicory leaves; Chili pepper leaves; Chipilin; Chrysanthum, Edible leaved; Common bean leaves; Corn salad; Cos lettuce; Cosmos; Cowpea leaves; Dandelion; Dangawi; Daylily leaves; Dock; Dolnamul; Ebolo; Endive; Fame flower; Feather cockscomb; Glasswort, common; Godeulppaegi; Gomchwi; Goosefoot; Iceplant; Japanese honewort; Jute; Lettuce, bitter; Lettuce, head; Lettuce, leaf; Mallow leaves; New Zealand spinach; Orach; Peanut leaves; Perilla leaves; Plantain leaves; Polygonatum leaves; Purslane; Purslane, Winter; Sanmaneul leaves; Sowthistle; Soya bean leaves; Spider plant; Spinach; Spinach. Indian; Seumbagwi; Tanier spinach; Violet, Chinese
Group 13B, Brassica leafy vegetables	Mustard greens or Kale or Broccoli, Chinese, or radish leaves	<u>Brassica leafy vegetables (VL 0054)</u> : Broccoli, Chinese; Broccoli raab; Cabbage, Abyssinian; Cabbage. Seakale; Chinese cabbage (type Pak-choi); Chinese flat cabbage; Cress, Garden; Cress, Upland; Flowering white cabbage; Hanover salad; Kale; Kohlrabi leaves; Komatsuna; Maca leaves; Mizuna; Mustard, greens; Mustard, tuberous rooted, Chinese; Purple-stem mustard; Radish leaves; Rape greens; Rucola; Rutabage greens; Shepherd's purse; Ssam cabbage; Turnip greens; Wasabi leaves; Wild Rocket

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 13C, Leaves of root and tuber vegetables	Beet, garden leaves and Sweet potato leaves or Arrowroot leaves	<u>Leaves of root and tuber vegetables (VL 2052)</u> : Alexanders leaves; Arrowroot leaves; Bell flower, Chinese leaves; Cassava leaves; Rampion leaves; Salsify leaves; Sweet potato leaves; Tannia leaves; Taro leaves; Ullucu leaves; Velvet plant leaves; Yam leaves
Group 13D, Leaves of trees, shrubs and vines	Grape leaves	<u>Leaves of trees, shrubs and vines (VL 2053)</u> : Acacia shoots; Ben moringa leaves; Grape leaves; Melientha; Monkey-bread tree leaves; Okazi leaves; Papaya leaves; Roselle leaves; Sichuan pepper sprouts; Toona sinensis; White led tree
Group 13E, Leafy aquatic vegetables	Kangkung or Water mimosa or Watercress	<u>Leafy aquatic vegetables (VL 2054)</u> : Kangkung; Water clover; Watercress; Water mimosa; Water shield

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 13F, Witloof	Witloof chicory (sprouts)	Witloof chicory (sprouts)
Group 13G, Leaves of Cucurbitaceae	Chayote leaves or Pumpkin leaves	<u>Leaves of Cucurbitaceae (VL 2056)</u> : Balsam pear leaves; Chayote leaves; Ivy gourd leaves; Kahurura; Pumpkin leaves
Group 13H, Baby leaves	Leaf lettuce or any crop intended to use as baby leaves (harvested up to 8 true leaf stage)	<u>Baby leaves (VL 2057)</u>
Group 13I, Sprouts	Mungbean sprouts	<u>Sprouts (VL 2057)</u> : Alfalfa sprouts; Mungbean sprouts; Radish sprouts; Soya bean sprouts
Group 014 Legume vegetables	Beans with pods (<i>Phaseolus</i> spp.) and Peas with pods (Garden pea or podded pea) and Succulent beans without pods (<i>Phaseolus</i> spp.) and Garden pea	<u>Legume vegetables (VP 0060)</u> : Beans, except broad baes and soya bean (<i>Phaseolus</i> spp.); Beans (<i>Vigna</i> spp.); Beans, shelled (<i>Phaseolus</i> spp.); Beans, shelled (<i>Vigna</i> spp.); Bambara groundnut; Broad bean; Catjang; Chick-pea; Common bean; Cowpea; Garden pea; Goa bean; Grass pea; Guar; Jack bean; Lablab bean; Lentil; Lima bean; Lupin; Moth bean; Mung bean; Peas; Peas, shelled; Pigeon pea; Podded pea; Rice bean; Scarlet runner bean; Soya bean; Stink bean; Sword bean; Urd bean; Velvet bean; Winged pea; Yard-long bean
Subgroup 14A Beans with pods	Bean with pods (<i>Phaseolus</i> spp.)	<u>Beans with pods (VP 2060)</u> : Beans, except broad baes and soya bean (<i>Phaseolus</i> spp.); Beans (<i>Vigna</i> spp.); Broad bean; Catjang; Common bean; Cowpea; Goa bean; Guar; Jack bean; Lablab bean; Moth bean; Mung bean; Rice bean; Scarlet runner bean; Soya bean; Stink bean; Sword bean; Urd bean; Winged pea; Yard- long bean
Subgroup 14B Peas with pods	Peas with pods (Garden pea or podded pea)	<u>Peas with pods (VP2061)</u> : Peas; Garden pea; Grass pea; Lentil; Pigeon pea; Podded pea
Subgroup 14C Succulent beans without pods	Succulent beans without pods (<i>Phaseolus</i> spp.)	<u>Succulent beans without pods (VP 2062)</u> : Beans, shelled (<i>Phaseolus</i> spp.); Beans, shelled (<i>Vigna</i> spp.); Bambara groundnut; Broad bean, shelled; Catjang; Common bean; Cowpea; Goa bean; Jack bean; Lablab bean; Lima bean; Lupin; Moth bean; Scarlet runner bean; Soya bean; Stink bean; Velvet bean
Subgroup 14D Succulent peas without pods	Garden pea	<u>Succulent peas without pods (VP 2063)</u> : Peas, shelled; Chick-pea; Garden pea; Lentil; Pigeon pea

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 015 Pulses	Beans, dry (<i>Phaseolus</i> spp.) and Soya bean, dry and Peas, dry (<i>Pisum</i> spp.)	<u>Pulses (VD 0070)</u> : Beans (<i>Phaseolus</i> spp.); Beans (<i>Vigna</i> spp.); Adzuki bean; African yam bean; Bambara groundnut; Broad bean; Chick-pea; Common bean; Cowpea; Field pea; Goa bean; Grass-pea; Guar; Horse gram; Jack bean; Kersting's groundnut; Lablab bean; Lentil; Lima bean; Lupin; Morama bean; Moth bean; Mung bean; Peas; Pigeon pea; Rice bean; Scarlet runner bean; Soya bean; Tepary bean; Urd bean; Velvet bean; Winged pea
Subgroup 15A Dried beans (without pods)	Beans, dry (<i>Phaseolus</i> spp.) and Soya bean, dry	<u>Dried beans, dry (VD 2065)</u> : Beans (<i>Phaseolus</i> spp.); Beans (<i>Vigna</i> spp.); Adzuki bean; African yam bean; Bambara groundnut; Broad bean; Common bean; Cowpea; Goa bean; Guar; Horse gram; Jack bean; Kersting's groundnut; Lablab bean; Lima bean; Lupin; Morama bean; Moth bean; Mung bean; Rice bean; Scarlet runner bean; Soya bean; Tepary bean; Urd bean; Velvet bean; Winged pea
Subgroup 15B Dried peas (without pods)	Peas, dry (<i>Pisum</i> spp.)	<u>Dried peas, dry (VD 2066)</u> : Peas; Chick-pea; Field pea; Grass-pea; Lentil; Pigeon pea
Group 016 Root and tuber vegetables	Carrot and Radish and Sugar beet or Beetroot and Potato or Sweet potato	<u>Root and tuber vegetables (VR 0075)</u> : Alocasia; American potato bean; Arracacha; Arrowhead; Arrowroot; Arrowroot, Guinea; Arrowroot, Polynesian; Banana, Abyssinian; Beetroot; Bellflower, Chinese; Burdock, greater or edible; Canna, edible; Caraway, Black root; Carrot; Cassava; Cattail; Celeriac; Chayote root; Chervil, Turnip-rooted; Chicory roots; Chinese artichoke; Chinese potato; Chinese water chestnut; Cowpea, wild; Dandelion root; Deodeok; Earthnut pea; Elephant foot yam; Gastrodia tuber; Ginseng; Goa bean root; Horseradish; Jerusalem artichoke; Kaffir- potato; Konjac; Kudzu; Ladybell root; Lotus tuber; Maca; Madeira vine; Mashua; Mauka; Membranous milk-vetch root; Murnong, Mustard, tuberous rooted Chinese; Oca; Olbaggae; Parsley, Turnip-rooted; Parsnip; Pencil yam; Pignut; Polygonatum tuber; Potato; Radish; Radish, Black; Radish, Japanese; Rampion roots; Salsify; Salsify, Spanish; Scorzonera; Skirret; Sugar beet; Swede; Sweet potato; Tannia; Taro; Tiger nut; Ti palm; Turnip, Garden; Ullucu; Water chestnut; Yacon; Yams, Yam bean

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 16A Root vegetables	Carrot and Radish and Sugar beet or Beetroot	<u>Root vegetables (VR 2070)</u> : Beetroot; Bellflower, Chinese; Burdock, greater or edible; Caraway, Black root; Carrot; Celeriac; Chervil, Turnip-rooted; Chicory roots; Dandelion root; Deodeok; Ginseng; Horseradish; Kudzu; Ladybell root; Maca; Madeira vine; Mauka; Murnong, Mustard, tuberous rooted Chinese; Parsley, Turnip-rooted; Parsnip; Pencil yam; Radish; Radish, Black; Radish, Japanese; Rampion roots; Salsify; Salsify, Spanish; Scorzonera; Skirret; Sugar beet; Swede; Ti palm; Turnip, Garden

Table 2. Examples of the Selection of Representative Commodities – Vegetables

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Group 16B Tuberous and corm vegetables	Potato or Sweet potato	<u>Tuberous and corm vegetables (VR 2071)</u> : Alocasia; American potato bean; Arracacha; Arrowroot; Arrowroot, Guinea; Arrowroot, Polynesian; Banana, Abyssinian; Canna, edible; Cassava; Chayote root; Chinese artichoke; Chinese potato; Cowpea, wild; Earthnut pea; Elephant foot yam; Gastrodia tuber; Goa bean root; Jerusalem artichoke; Kaffir-potato; Konjac; Mashua; Oca; Pignut; Potato; Sweet potato; Tannia; Taro; Tiger nut; Ullucu; Yacon; Yams; Yam bean
Group 16C Aquatic root and tuber vegetables	Arrowhead	<u>Aquatic root and tuber vegetables (VR 2072)</u> : Arrowhead; Cattail; Chinese water chestnut; Lotus tuber; Olbanga
Group 017 Stalk and stem vegetables	Celery and Asparagus and/or Artichoke, globe	<u>Stalk and stem vegetables (VS 0078)</u> : Acacia shoots; Agave; Artichoke, globe; Asparagus; Bamboo shoots; Burdock, edible, tops; Cardoon; Celery; Celtuce; Dokhwal shoot; Dureup young shoot; Eumnamu shoot; Fennel, Bulb, Ferns, edible; Giant butterbur; Palm hearts; Prickly pear pads; Rhubarb; Kale, sea; Sweet potato stems; Taro stems; Udo; Water celery; Zuiki
Group 17A, Stems and petioles	Celery	<u>Stems and petioles (VS 2081)</u> : Burdock, edible, tops; Cardoon; Celery; Celtuce; Fennel, Bulb; Giant butterbur; Rhubarb; Sweet potato stems; Taro stems; Zuiki
Group 17B, Young shoots	Asparagus	<u>Young shoots (VS 2081)</u> : Agave; Asparagus; Bamboo shoots; Dokhwal shoot; Dureup young shoot; Eumnamu shoot; Ferns, edible; Kale, sea; Udo
Group 17C, Others	Artichoke, globe	Artichoke, globe; Palm hearts; Prickly pear pads, Water celery
Group 018 Edible fungi	Mushrooms	<u>Edible fungi (VF 2084)</u> : Mushrooms; Black poplar mushroom; Blewitt; Bunashimeji; Cauliflower mushroom; Cep; Chanterelle; Enoke; Hirmeola; Ink mushroom; Maitake; Morel; Nameko; Net bearing Dictyophora; Oyster mushroom; Pine mushroom; Pom pom; Reishi mushroom; Shiitake mushroom; Shimeji; Straw mushroom; Stropharia; Truffle; Wangsongi; White jelly mushroom; Wood ears mushroom

APPENDIX II**Table 3. Examples of the Selection of Representative Commodities – Grasses**

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Proposal A (from International Crop Grouping Consulting Committee)		
Group 020 Cereal Grains	Wheat, Rice, Fresh Sweet Corn and Dried Field Corn and Sorghum or Millet	<u>Cereal Grains</u> : Amaranth, Grain; Amaranth, Purple; Buckwheat; Buckwheat, Tartary; Canarygrass, Annual; Canihua; Chia; Corn, including field corn, sweet corn and popcorn; Cram-cram; Fonio, Black; Huauzontle; Hungry rice; Inca Wheat; Job's tears; Millet; Millet, Barnyard; Millet, Finger; Millet, Foxtail; Millet, Japanese; Millet, Little; Millet, Pearl; Millet, Proso; Oats; Popcorn; Princess-feather; Psyllium; Psyllium, Blond; Quinoa; Rice; Rice, African; Rice, Wild; Rice, Wild, Eastern; Rye; Sorghum; Sweet Corn; Teff; Teosinte; Triticale; Wheat
Group 20A Small Grains	Wheat [and/or Barley ¹]	<u>Small Grains</u> : Amaranth, Grain; Amaranth, Purple; Buckwheat; Buckwheat, Tartary; Canarygrass, Annual; Canihua; Chia; Cram-cram; Fonio, Black; Huauzontle; Hungry rice; Inca Wheat; Job's tears; Oats; Princess-feather; Psyllium; Psyllium, Blond; Quinoa; Rye; Teff; Triticale; Wheat
Group 20B Corn, Grain Sorghum and Millet	Sweet Corn and Field Corn, Sorghum or Millet	<u>Corn, Grain Sorghum and Millet</u> : Corn, including field corn, sweet corn and popcorn; Millet; Millet, Barnyard; Millet, Finger; Millet, Foxtail; Millet, Japanese; Millet, Little; Millet, Pearl; Millet, Proso; Sorghum; Teosinte
Group 20C Rice	Rice	<u>Rice</u> : Rice; Rice, African; Rice, Wild; Rice, Wild, Eastern

¹Barley proposed by Canada as "and/or", but with reduced number of wheat and barley trials.

See following page for alternative proposal B.

Table 3. Examples of the Selection of Representative Commodities – Grasses

Codex Group / Subgroup	Examples of Representative Commodities	Extrapolation to the following commodities
Proposal B		
Group 020 Cereal Grains	Wheat, Barley, Rice, Maize, Sorghum or Millet, Buckwheat and Sweet Corn	<u>Cereal Grains</u> : Amaranth, Grain; Amaranth, Purple; Buckwheat; Buckwheat, Tartary; Canarygrass, Annual; Canihua; Chia; Corn, Sweet; Cram-cram; Fonio, Black; Huauzontle; Hungry rice; Inca Wheat; Job's tears; Maize; Millet; Millet, Barnyard; Millet, Finger; Millet, Foxtail; Millet, Japanese; Millet, Little; Millet, Pearl; Millet, Proso; Princess-feather; Psyllium; Psyllium, Blond; Oats; Popcorn; Quinoa; Rice; Rice, African; Rice, Wild; Rice, Wild, Eastern; Rye; Sorghum; Sweet Corn; Teff; Teosinte; Triticale; Wheat
Subgroup 20A, Wheat	Wheat	<u>Wheat</u> : Canarygrass, Annual?; Cram-cram?; Fonio, black?; Fonio, white?; Huauzontle?; Inca wheat?; Job's tears?; Rye; Teff?; Triticale?; Wheat
Subgroup 20B, Barley	Barley	<u>Barley</u> : Barley; Canarygrass, Annual?; Cram-cram?; Fonio, black?; Fonio, white?; Huauzontle?; Inca wheat?; Job's tears?; Oat, Abyssinian; Oat, Common; Oat, Naked; Oat, Sand; Teff?; Triticale?
Subgroup 20C, Rice	Rice	<u>Rice</u> : Rice, Rice, African; Rice, Wild; Rice, Wild, Eastern
Subgroup 20D, Maize, Millet, Sorghum	Maize and sorghum or millet	<u>Maize, millet and sorghum</u> : Maize; Millet; Millet, Barnyard; Millet, Finger; Millet, Foxtail; Millet, Japanese; Millet, Little; Millet, Pearl; Millet, Proso; Sorghum; Teosinte
Subgroup 20E, Pseudocereals	Buckwheat ?	<u>Buckwheat ?</u> : Amaranth, Grain; Amaranth, Purple; Buckwheat; Buckwheat, Tartary; Canihua, Chia; Inca Wheat; Princess-feather; Psyllium; Psyllium, Blond; Quinoa
Subgroup 20F, Sweet corn	Sweet corn	<u>Sweet corn</u> : Sweet corn

APPENDIX III**LIST OF PARTICIPANTS**

Almut.Bitterhof@ec.europa.eu	Almut.Bitterhof@ec.europa.eu
Barbara Madden	madden.barbara@epa.gov
Brazil Codex Contact Point (codex@agricultura.gov.br)	codex@agricultura.gov.br
Carlos Venâncio (carlos.venancio@agriculture.gov.br)	carlos.venancio@agriculture.gov.br
Codex Contact Point Argentina (codex@minagri.gob.ar)	codex@minagri.gob.ar
Codex Contact Point India (codex-india@nic.in)	codex-india@nic.in
Codex EU	codex@ec.europa.eu
Codex Korea (codexkorea@korea.kr)	codexkorea@korea.kr
codex@acfs.go.th	codex@acfs.go.th
Danny Zust (danny.zust@ms.etat.lu)	danny.zust@ms.etat.lu
David Lunn (dave.lunn@mpi.govt.nz)	dave.lunn@mpi.govt.nz
Duong Kim Thoa (kimthoavrg@gmail.com)	kimthoavrg@gmail.com
florence.gerault@agriculture.gouv.fr	florence.gerault@agriculture.gouv.fr
Frederic Hommet (frederic.hommet@anses.fr)	frederic.hommet@anses.fr
Gordana Jurak (Gordana.Jurak@stampar.hr)	Gordana.Jurak@stampar.hr
Hemlata Dowlut (hdownlut@mail.gov.mu)	hdownlut@mail.gov.mu
José Giménez	josegd78@hotmail.com
K. K. Sharma (kksaicrp@yahoo.co.in)	kksaicrp@yahoo.co.in
Kim Hee-Jung (heejung731@korea.kr)	heejung731@korea.kr
Kim Hyo-Chin (hckim77@korea.kr)	hckim77@korea.kr
Konstantin Eller (eller@ion.ru)	eller@ion.ru
Kwon Chan-Hyeok (chkwon@korea.kr)	chkwon@korea.kr
Laura Bonomi (lbonomi@senasa.gov.ar)	lbonomi@senasa.gov.ar
Laura Nollen (Nollen.laura@epa.gov)	Nollen.laura@epa.gov
Lucia Klauser (lucia.klauser@blv.admin.ch)	lucia.klauser@blv.admin.ch
Mickael Taillandier	mickael.taillandier@anses.fr
Miki Matsui (miki_matsui@nm.maff.go.jp)	miki_matsui@nm.maff.go.jp
Moon-Ik Chang (1004@korea.kr)	1004@korea.kr
Nguyen Thi Hang (nth202@gmail.com)	nth202@gmail.com
P. K. Chakrabarty (adgpp.icar@nic.in)	adgpp.icar@nic.in
P. K. Chakrabarty (pranjibc@hotmail.com)	pranjibc@hotmail.com
Panpilad Saikaew (panpilad@acfs.go.th)	panpilad@acfs.go.th
raj.bhula@apvma.gov.au	raj.bhula@apvma.gov.au
Roberto.MANOS@ec.europa.eu	Roberto.MANOS@ec.europa.eu
SARDA Xavier	Xavier.SARDA@anses.fr
Thach Thi Tu Cau (codexvn@vfa.gov.vn)	codexvn@vfa.gov.vn
Tunde Sigbeku (sigbeku.o@nafdac.gov.ng)	sigbeku.o@nafdac.gov.ng
Volker.WACHTLER@ec.europa.eu	Volker.WACHTLER@ec.europa.eu
Yoshiyuki Takagishi (codex_maff@nm.maff.go.jp)	codex_maff@nm.maff.go.jp
yoshiyuki_takagishi@nm.maff.go.jp	yoshiyuki_takagishi@nm.maff.go.jp
Young-Wook Sohn (s9918@korea.kr)	s9918@korea.kr
Dan Kunkel	kunkel@aesop.rutgers.edu
Jennifer Selwyn	jennifer.selwyn@hc-sc.gc.ca