

# CODEX ALIMENTARIUS COMMISSION



Food and Agriculture  
Organization of the  
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World Health  
Organization

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Agenda Item 7(d)

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

**51<sup>st</sup> Session**

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**PROPOSED TABLES ON EXAMPLES OF REPRESENTATIVE COMMODITIES FOR COMMODITY GROUPS IN  
DIFFERENT TYPES UNDER CLASS C – PRIMARY ANIMAL FEED COMMODITIES AND CLASS D –  
PROCESSED FOOD COMMODITIES OF PLANT ORIGIN**

**(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 (CXG 84-2012)*)**

**(AT STEP 3)**

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

## APPENDIX I

Table 7. Examples of the selection of representative commodities

## Class C, Type 11 Primary Animal Feed Commodities

(includes Legume Feed Products, Cereal grains and grasses (including pseudocereals) feed products and Miscellaneous feed products)

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
Group 050 Legume feed products	2)	
Subgroup 050A Products of legume feeds with high water content (forage)	Bean, forage and/or Pea, vines or alfalfa	<u>Products of legume feeds with high water content (forage) (AL 3300)</u> : Alfalfa, forage; Bean, adzuki, forage; Bean, forage ( <i>Phaseolus</i> spp.); Bean, forage ( <i>Vigna</i> spp.); Berlandier acacia, forage; Black medic, forage; Black wattle, forage; <b>Brazilian stylo</b> ; Burclover, forage; Chick-pea, forage; Clover, forage; Cowpea, forage; <b>Horse bean, forage</b> ; Huisache, forage; Kudzu, forage; Leadplant, forage; Lespedeza, forage; Leucaena, forage; Lupin, forage; Pea, vines; Peanut, forage; Pigeon pea, forage; Purple prairie clover, forage; Roundleaf cassia, forage; Sainfoin, forage; Sesbania, forage; Soya bean, forage; Thorn mimosa, forage; Trefoil, forage; Vetch, forage
Subgroup 050B Products of legume feeds with low water content (hay)	Bean, hay and Pea hay	<u>Products of legume feeds with low water content (hay) (AL 3301)</u> : Bean, hay; Alfalfa, hay; Bean, hay ( <i>Phaseolus</i> spp.); Bean, hay ( <i>Vigna</i> spp.); <b>Bean, adzuki, hay</b> , hay; Bean, velvet, hay; Centurion, hay; Chick-pea, hay; Clover, hay; Cowpea, hay; Crotalaria, hay; Guar, hay; Horse gram, hay; Jackbean, hay; Pea, hay; Pea, pigeon, hay; Pea, southern, hay; Peanut, hay; Perennial peanut, hay; Purple prairie-clover, hay; Sainfoin, hay; Soya bean, hay; Trefoil, hay; Vetch, hay
Subgroup 050C Processed products (such as silage, meal, hulls)	2)	
Group 051		<u>Cereal grains and grasses (including pseudocereals) feed products:</u>
Subgroup 051A Cereal grains and grasses (including pseudocereals) feed products with high water content (forage) <b>Option 1</b>	Any forage commodity in this subgroup	<u>Products of cereal grains and grasses with high water content (forage) (AF 3303)</u> : Amaranth, forage; Barley, forage; Buckwheat, forage; Canarygrass, annual, forage; Hungry rice, forage; Maize, forage; Millet, forage; Oat, forage; Rice, forage; Rye, forage; Ryegrass, Italian, forage; Sorghum, forage; Sweet corn, forage; Timothy, forage; Triticale, forage; Wheat, forage
Subgroup 051B Cereal grains and grasses (including pseudocereals) feed products with low water content (hay, straw) <b>Option 1</b>	Any hay or straw commodity in this subgroup	<u>Products of cereal grains and grasses with low water content (hay, straw) (AS 3304)</u> : Amaranth, hay; Barley, hay; Barley, straw; Buckwheat, hay; Canarygrass, annual, hay; Hungry rice, hay; Maize, hay; <b>Maize, stover</b> ; Millet, hay; Millet, straw; Oat, hay; Oat, straw; Pangola, hay; Pop corn, stover; Rice, straw; Rye, straw; Ryegrass, Italian, hay; Sorghum, hay; Sorghum, stover; Sweet corn, stover; Teff, hay; Teff, straw; Teosinte, hay; Triticale, straw and hay; Wheat, hay; Wheat, straw

Commented [WPB3]: Addition proposed by Australia

Commented [WPB4]: Addition proposed by Thailand

Commented [WPB1]: Additional representative commodity of "and/or pea vines" proposed by Ghana

Commented [WPB2]: Additional representative commodity proposed by the EU.

Commented [WPB5]: Addition proposed by Australia

Commented [WPB6]: Addition proposed by Australia.

Commented [William P7]: Moved from 051C as proposed by Japan

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Subgroup 051A</b> Cereal grains and grasses (including pseudocereals) feed products with high water content (forage) <b>Option 2</b>	Forage of wheat and barley-type Cereals	Amaranth, forage; Barley, forage; Buckwheat, forage; Canarygrass, annual, forage; Oat, forage; Rye, forage; Ryegrass, Italian, forage; Timothy, forage; Triticale, forage; Wheat, forage
	Forage of Rice-type Cereals	Hungry rice, forage; Rice, forage;
	Forage of Sorghum Grain-type Cereals	Millet, forage; Sorghum, forage;
	Forage of Maize-type Cereals	Maize, forage; Sweet corn, forage;
<b>Subgroup 051B</b> Cereal grains and grasses (including pseudocereals) feed products with low water content (hay, straw) <b>Option 2</b>	Hay of wheat and barley-type Cereals	Amaranth, hay; Barley, hay; Buckwheat, hay; Canarygrass, annual, hay; Oat, hay; Rye, hay; Ryegrass, Italian, hay; Timothy, hay; Triticale, hay; Wheat, hay
	Hay of Rice-type Cereals	Hungry rice, hay; Rice, hay;
	Hay of Sorghum Grain-type Cereals	Millet, hay; Sorghum, hay;
	Hay of Maize-type Cereals	Maize, hay; Sweet corn, hay;
<b>Subgroup 051A</b> Cereal grains and grasses (including pseudocereals) feed products with high water content (forage) <b>Option 3</b>	Forage of wheat and barley-type Cereals	Forage of commodities group 020A and 020B; Ryegrass, Italian, forage; Timothy, forage;
	Forage of Rice-type Cereals	Forage of commodities group 020C
	Forage of Sorghum Grain-type Cereals	Forage of commodities group 020D
	Forage of Maize-type Cereals	Forage of commodities group 020E
<b>Subgroup 051B</b> Cereal grains and grasses (including pseudocereals) feed products with low water content (hay, straw) <b>Option 3</b>	Hay, straw of wheat and barley-type Cereals	Hay of commodities group 020A and 020B; Pangola, hay; Ryegrass, Italian, hay; Timothy, hay;
	Hay, straw of Rice-type Cereals	Hay of commodities group 020C
	Hay, straw of Sorghum Grain-type Cereals	Hay of commodities group 020D
	Hay, straw of Maize-type Cereals	Hay of commodities group 020E

**Commented [William P8]:** Proposed by the EU to align with the representative commodities in Group 020.

**Commented [William P9]:** Proposed by the EU to align with the representative commodities in Group 020.

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
Subgroup 051C Cereal grains and grasses (including pseudocereals) feed products processed products (such as silage, bran, hulls)	2)	
<b>To create Subgroup 051D Cool Season Grasses and 051E Warm Season Grasses?</b>		<p>Subgroup proposed by Canada</p> <p>Grasses that are currently included in Group 051B include Ryegrass, Italian and Pangola. There is made a cross reference to subgroup of hay of grasses for bermudagrass, fescue, bluegrass, brome grass and darnel. Grasses may also be appropriately separated into warm season and cool season grasses.</p> <p>Forage and hay of cereals may also serve as representative commodities for forage and hay of grasses.</p> <p><b>See Appendix II in Agenda item 7(a) for list of warm season and cool season grasses.</b></p>
Group 052 Miscellaneous Feed Products	2)	
Subgroup 052A Products of miscellaneous hay and forage crops with high water content (forage, beet tops)	2)	
Subgroup 052B Products with low water content (hay)	2)	
Subgroup 052C Processed products of miscellaneous hay and forage crops (such as meal, hulls, dried pulp, molasses)	2)	

<sup>1)</sup> Alternative representative commodities may be selected based on documented regional/country differences in dietary consumption and/or areas of production

<sup>2)</sup> It is not possible to set a group-CXL for this subgroup because of the broad range of crops in this subgroup.

## APPENDIX II

Table 8. Examples of the selection of representative commodities  
Class D, Type 12 Secondary food commodities of plant origin

(includes Dried fruits, Dried vegetables, Dried herbs, and Milled cereal products (early milling stages)) and Type 13 Derived products of plant origin (includes Cereal grain milling fractions, Teas, Vegetable oils, crude, Vegetable oils, edible, Miscellaneous derived edible products of plant origin, Fruit juices and By-products, used for animal feeding purposes, derived from fruit and vegetable processing)

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
Group 055 Dried fruits	2)	
Group 056 Dried vegetables	2)	
Group 057 Dried Herbs	Any commodity of subgroup 057A and 057B	<u>Group of Dried herbs (DH 0170)</u> : Angelica, including Garden Angelica, dry; Balm leaves, dry; Basil, dry; Bay leaves, dry; Borage, dry; Burning bush, dry; Cat's claw, dry; Catmint, dry; Celery leaves, dry; Chervil, dry; Chinese chastetree, dry; Chinese foxglove, dry; Chive, dry; Chive, Chinese, dry; Coriander leaves, dry; Creat, dry; Dillweed, dry; Echinacea, dry; Eucommia, dry; Fennel, dry; Galbanum, dry; Gambir, dry; Gotu kola, dry; Gymnema, dry; Hops, dry; Horehound, dry; Hyssop, dry; Lavender, dry; Lemongrass, dry; Lovage, dry; Mamaki, dry; Marjoram, dry; Mints, dry; Mulberry, dry; Parsley, dry; Rosemary, dry; Rue, dry; Sage, dry; Savory, Summer, Winter, dry; Squaw vine, dry; Stevia, dry; St. John's Wort, dry; Winter, dry; Sweet cicely, dry; Tansy and related species, dry; Tarragon, dry; Thyme, dry; Vasaka, dry; Wintergreen leaves, dry; Wood betony, dry; Woodruff, dry; Wormwoods, dry
Group 057A Dried Herbs - Subgroup of Dried herbs of herbaceous plants	Any commodity in this subgroup	<u>Subgroup of Dried herbs of herbaceous plants (DH 2095)</u> : Angelica, including Garden Angelica, dry; Balm leaves, dry; Basil, dry; Basil, dry; Borage, dry; Burning bush, dry; Catmint, dry; Celery leaves, dry; Chervil, dry; Chinese foxglove, dry; Chive, dry; Chive, Chinese, dry; Coriander leaves, dry; Creat, dry; Dillweed, dry; Echinacea, dry; Fennel, dry; Galbanum, dry; Gambir, dry; Gotu kola, dry; Horehound, dry; Hyssop, dry; Lavender, dry; Lemongrass, dry; Lovage, dry; Mamaki, dry; Marjoram, dry; Mints, dry; Parsley, dry; Rosemary, dry; Sage, dry; Savory, Summer, Winter, dry; Stevia, dry; Sweet cicely, dry; Tansy and related species, dry; Tarragon, dry; Thyme, dry; Wintergreen leaves, dry; Wood betony, dry; Woodruff, dry; Wormwoods, dry
Group 057B Dried Herbs - Subgroup of Dried herbs of woody plants	Any commodity in this subgroup	<u>Subgroup of Dried herbs of woody plants (DH 2096)</u> : Bay leaves, dry; Cat's claw, dry; Chinese chastetree, dry; Eucommia, dry; Gymnema, dry; Mulberry, dry; Rue, dry; Squaw vine, dry; St. John's Wort, dry; Vasaka, dry
Group 058 Milled cereal products (early milling stages)	2)	
Group 059 Miscellaneous secondary food	2)	

Commented [WPB10]: Addition proposed by the EU

Commented [WPB11]: Addition proposed by the EU

Commented [WPB12]: Addition proposed by the EU

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
commodities of plant origin		
Group 065 Cereal grain milling fractions - Subgroup of cereal grains, flour	Wheat and Barley and Rice and Sorghum Grain and Maize and Sweet corn	<u>Group of cereal grains, flour (CF 0080)</u> : Amaranth, grain; Baby corn (immature corn); Barley; Buckwheat; Buckwheat, tartary; Canarygrass, annual; Cañihua; Chia; Corn-on-the-cob (kernels plus cob with husk removed); Cram-cam; Hungry rice; Huauzontle; Job's tears; Maize; Millet; Oats; Popcorn; Psyllium sp., Quinoa; Rice; Rice, African; Rye; Sorghum; Sweet corn (whole kernel without cob or husk); Teff or Tef; Teosinte; Triticale; Wheat; Wild rice
Group 065 Cereal grain milling fractions - Subgroup of Wheat, similar grains, and pseudocereals without husks, flour	Wheat	<u>Subgroup of Wheat, similar grains, and pseudocereals without husks, flour (CF 2086)</u> : Amaranth, grain; Cañihua; Chia; Cram-cam; Huauzontle; Psyllium sp., Quinoa; Rye; Triticale; Wheat;
Group 065 Cereal grain milling fractions - Subgroup of Barley, similar grains, and pseudocereals with husks, flour	Barley	<u>Subgroup of Barley, similar grains, and pseudocereals with husks, flour (CF 2087)</u> : Barley; Buckwheat; Buckwheat, tartary; Canarygrass, annual; Oats
Group 065 Cereal grain milling fractions - Subgroup of Rice cereals, flour	Rice	<u>Subgroup of Rice cereals, flour (CF 2088)</u> : Rice; Rice, African; Wild rice
Group 065 Cereal grain milling fractions - Subgroup of Sorghum Grain and Millet, flour	Sorghum Grain	<u>Subgroup of Sorghum Grain and Millet, flour (CF 2089)</u> : Hungry rice; Job's tears; Millet; Sorghum Grain; Teff or Tef;
Group 065 Cereal grain milling fractions - Subgroup of Maize Cereals, flour	Maize	<u>Subgroup of Maize Cereals, flour (CF 2090)</u> : Maize; Popcorn; Teosinte
Group 066 Teas	<i>Camellia sinensis</i>	<u>Teas (Tea and Herb teas) (DT 0171)</u> : Camomile or Chamomile; Chrysanthemum, dry blossoms; <b>Cyclocarya paliarius, dry leaves</b> ; Lemon verbena; Lime blossoms; Maté (dry leaves); <b>Noble dendrobium</b> ; Roselle (calyx and flowers), dry; Rooibos; Tea, Black (black, fermented and dried); Tea, Green
Group 067 Vegetable oils, crude	2)	
Group 068 Vegetable oils, edible (or refined)	2)	

Commented [WPB13]: All teas proposed by China

Codex Group / Subgroup	Examples of Representative Commodities <sup>1)</sup>	Extrapolation to the following commodities
<b>Group 069</b> Miscellaneous derived edible products of plant origin	2)	
<b>Group 070</b> Fruit juices	2)	
<b>Group 071</b> By-products, derived from fruit and vegetable processing	2)	

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 group because of the broad diversity of crops. However, when a group contains a number of processed commodities originating from raw commodities from one (sub)group in Class A (primary food commodities), the representative commodity from that (sub)group in Class A can be used as a representative crop for the corresponding commodities in processed form.

**Commented [WPB14]:** Revised footnote proposed by the EU