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GLOBAL FOOD REGULATORY
SCIENCE SOCIETY

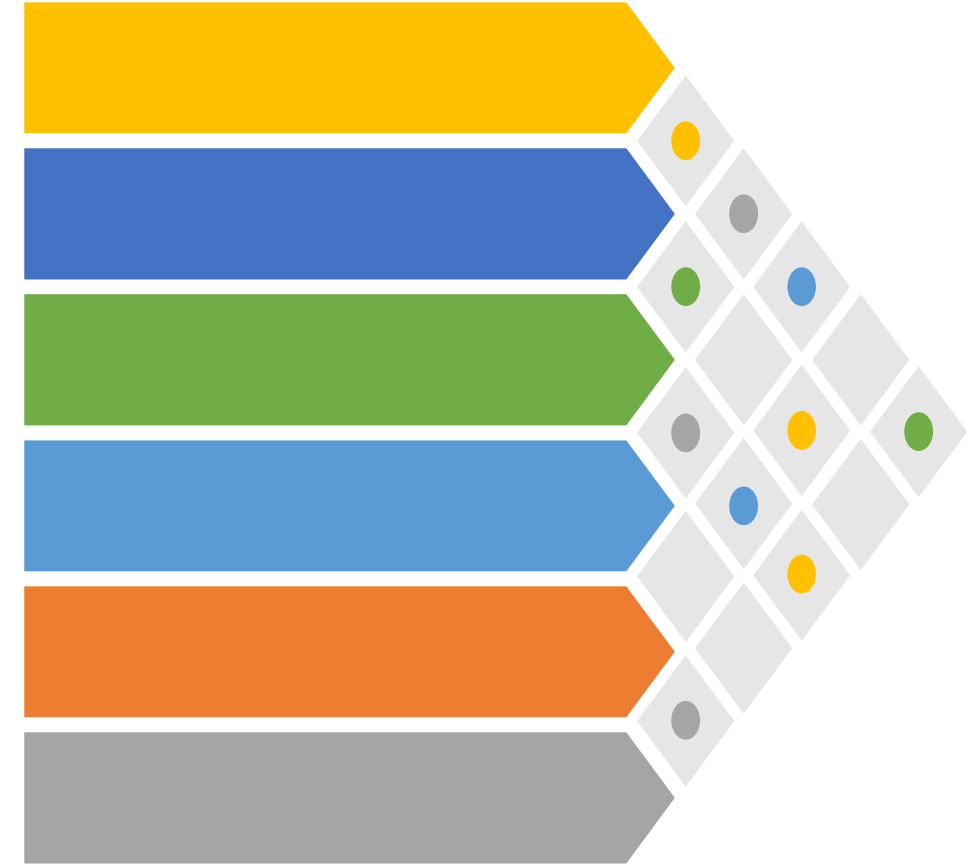


Asia
CODEX

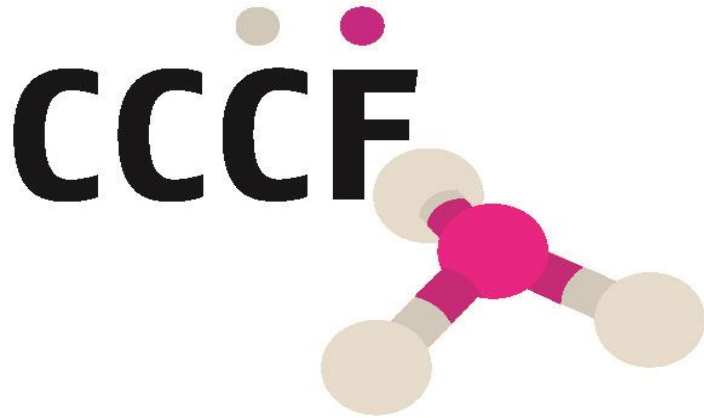
REVIEW OF PRIORITY AGENDA ITEMS:
CCCF15, CCPR53 AND CCSCH6 FOR
CONSIDERATION BY CAC45

Outline

- **Introduction**
- **Outcomes of the Codex Committee on Contaminants in Food (CCCF15)**
- **Outcomes of the Codex Committee on Pesticide Residues (CCPR53)**
- **Outcomes of the Codex Committee on Spices and Culinary Herbs (CCSCH6)**
- **Suggestions and Recommendations**



CCCF15



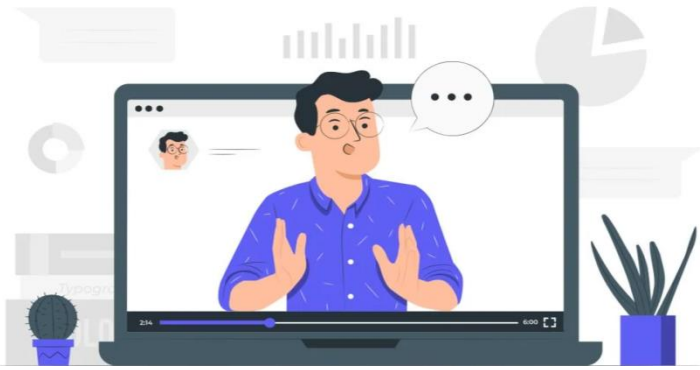
Codex Committee on
Contaminants in Food
(CCCF15)



The 15th session of the Codex Committee on Contaminants in Foods (CCCF15) was organized virtually between the 9th and 13th of May 2022.

The meeting gathered more than **400 delegates** from member states and observer organizations.

Priority Agenda Items (CCCF15)



Lead in certain food categories **(Item 7)**



Methylmercury in certain fish species **(Items 8 and 13)**



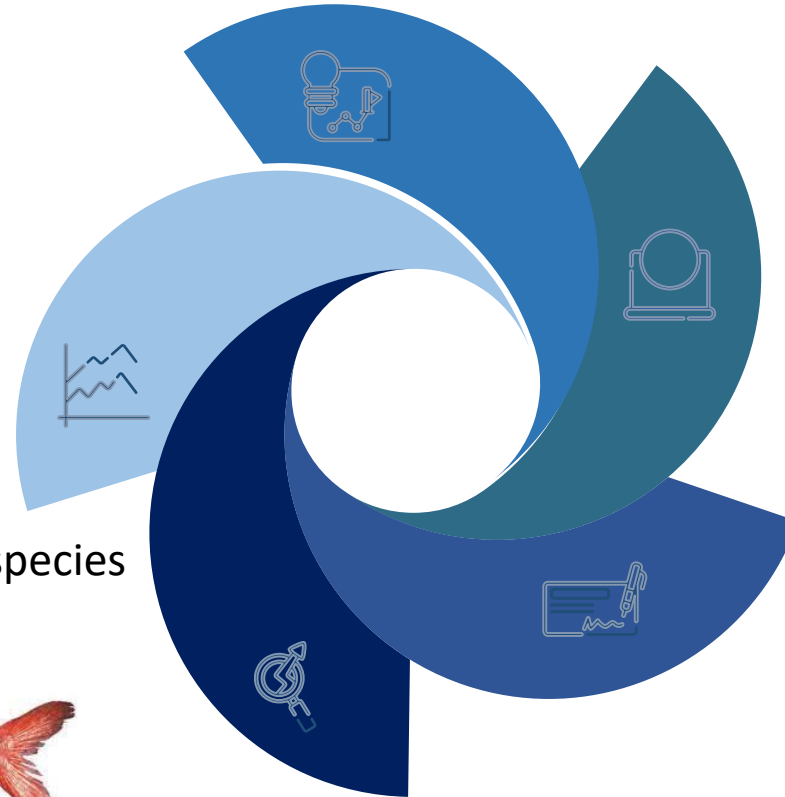
Cadmium in Cocoa Powder **(Items 5 and 6)**



Total aflatoxins and ochratoxin A in spices **(Item 11)**



Total aflatoxins in certain cereals and cereal-based products and in Ready-to-Eat Peanuts **(Items 9 and 10)**



Agenda Items 5 & 6

CCCF15
(2022)

- ◆ **Item 5:** Maximum levels for cadmium in cocoa powder containing or declaring 100% total cocoa solids on a dry matter basis ready for consumption (at step 4)
- ◆ **Item 6:** Code of practice for the prevention and reduction of cadmium contamination in cocoa beans (at step 7).



Cocoa Product	ML (mg/kg)	Suggested Levels (mg/kg)	Global Rejection Rates (%)	Rejection Rates for LAC (%)
GEMS/Food	2.0-3.0	2.0	4.39	13.03
		3.0	1.87	5.08



Major Discussions

Similar to previous discussions regarding other categories of chocolate, the European Union, with the support of Norway and Switzerland, has expressed its lack of support for the 2mg/kg limit and proposed 0.60 mg/kg as a ML for this category.

Recommendations of the Committee

- Item 5:** to advance the adoption of 2 mg/kg for Cadmium in cocoa powder (100% total cocoa solids on a dry matter basis) ready for consumption at Step 5/8 at next Codex Alimentarius Commission (CAC45).
- Item 6:** to advance the adoption of the COP at Step 8, by CAC45

Agenda Item 7



CCCF15
(2022)

Maximum levels for lead in certain food categories (at Step 4).



Return the MLs to Step 2/3

- Culinary herbs (fresh) (except Rosemary)
- Culinary herbs (dried)
- Dried spices Floral parts (cloves, excluding saffron)
- Fruits and berries spices (excluding star anise and sumac)
- Rhizomes, bulbs and roots spice (excluding garlic)
- Bark
- Seeds spices (excluding, carom, celery, dill, mahlab, mustard and poppy)



Adoption at step 5/8

- Honey
- **Ready-to-eat meals for infants and young children (step 5)**
- Sugar, white and refined
- Cereal-based products for infants and young children, expressed “as is”
- Hard candies, Gummy and jellies
- Soft candies / Candy powder
- Corn and maple syrups



Discontinue Work

- Garlic
- Molasses
- Fresh eggs



Reconsider the MLs

- Sugar, brown and raw

Agenda Item 7

Discussions about MLs for lead as proposed by the Electronic Working Group chaired by Brazil

CCCF15 (2022)



Garlic
0.4 mg/kg

Discontinue work on a ML for lead in dried garlic.



Fresh Eggs
0.25 mg/kg

Discontinue work on MLs for lead in fresh eggs considering its low relevance for international trade and the low occurrence levels observed.



Molasses
0.3 mg/kg

Discontinue work on a ML for molasses as there were insufficient data..

Forward a ML of 0.1 mg/kg for lead in white sugar to CAC45 for **adoption at Step 5/8**.

Sugar, white and refined
0.1 mg/kg



Re-consider the ML for brown and raw sugars based on data available from GEMS/Foods and submit a proposal for consideration by CCCF16 (2023).

Sugar, brown and raw
0.1 mg/kg



Forward a ML of 0.1 mg/kg for lead in honey to CAC45 for **adoption at Step 5/8**;

Honey
0.06 mg/kg



Agenda Item 7

Discussions about MLs for lead as proposed by the Electronic Working Group chaired by Brazil

CCCF15 (2022)



Hard candies,
Gummy and
jellies
0.05 mg/kg



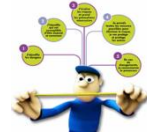
Soft candies
0.07 mg/kg



Candy powder
0.2 mg/kg



Corn and maple
syrups
0.1 mg/kg



Forward a ML of 0.1 mg/kg for lead in corn and maple syrup to CAC45 for **adoption at Step 5/8.**

Forward a ML of 0.1 mg/kg for lead in corn and maple syrup to CAC45 for **adoption at Step 5/8.**

Forward a ML of 0.02 mg/kg for lead in ready-to-eat meals for infants and young children to CAC45 for **adoption at Step 5** and further consideration in the EWG, as per the possible exclusion of certain foods that may not be able to achieve this ML for consideration at CCCF16 (2023).

Forward a ML of 0.02 mg/kg for lead in cereal-based foods for infants and young children to CAC45 for **adoption at Step 5/8;**

Ready-to-eat meals for infants and young children



Cereal-based products for infants and young children, expressed "as is"



Agenda Item 9

CCCF15
(2022)



Maximum levels for Total Aflatoxins in certain cereals and cereal-based products including foods for infants and young children and associated sampling plans (at Step 4).

Food Commodities	Suggested ML (µg/kg)	Recommended ML for adoption at step 5/8 by CAC45 (µg/kg)	Additional Remarks
AFT in maize grains destined for further processing	20	15	To be revised in 5 years
Flour, meal, semolina and flakes derived from maize	10	10	To be revised in 5 years
Husked rice	20	20	To be revised in 5 years , with the encouragement of the Chair to member countries to submit more data to the GEMS/Food database
Polished rice	5	5	Reservation of India
Sorghum grain, destined for further processing	10	10	To be revised in 5 years
Cereal-based Food for infants and young children	5	5	Excluding food destined for the world food program where a ML of 10 µg/kg would apply, to be re-examined in 5 years

Agenda Item 10



CCCF15 Maximum Level for Total Aflatoxins in Ready-to-Eat peanuts (RTP) and Associated Sampling (2022) Plan (at step 4).

Recommendations of the Committee

- **Return the ML and associated sampling plan to Step 2/3 for further consideration** and to re-establish the EWG chaired by India, and co-chaired by Senegal to prepare a new proposal for a ML for AFT in RTE peanuts; and an associated sampling plan.


Major Discussions


- It was clearly highlighted that the EWG should carefully consider all the data and take into account all comments submitted, particularly regarding the **identification of data specific for RTE peanuts**.




Summary of Outcomes


- 5/8 Maximum levels for total aflatoxins in certain cereals and cereal-based products including foods for infants and young children and associated sampling plans


4  **item 9**
- 2/3 Maximum Level for Total Aflatoxins in Ready-to-Eat peanuts and Associated Sampling Plan


4  **item 10**
- 2/3 Maximum levels for total aflatoxins and ochratoxin A in nutmeg, dried chili and paprika, ginger, pepper and turmeric

4  **Item 11**

- 5/8 Maximum levels for cadmium in cocoa powder

4  **item 5**
- 8 CoP for the prevention and reduction of cadmium contamination in cocoa beans

7  **Item 6**
- 4 Maximum levels for lead in certain food categories

4  **Item 7**
- 5/8 - Honey, Sugar, white and refined, Cereal-based products for infants and young children, Hard candies, Gummy and jellies, Soft candies / Candy powder, Corn and maple syrups
- 5 - Ready-to-eat meals for infants and young children (step 5)
- x - Garlic, Molasses, Fresh eggs
- 2 - Sugar, brown and raw, some spices



Codex Committee on Pesticide Residues(CCPR53)

The 53rd session of the Codex Committee on Pesticide Residues (CCPR53) was held virtually from 4-8 and 13 July 2022, with the participation of **more than 400 members** from Member States, as well as from several observer organizations.

Priority Agenda Items (CCPR53)

Item 6 : MRLs for pesticides in food and feed (at Steps 7 and 4)

Item 7 : Revision of the Classification of Food and Feed (CXA 4-1989)

Item 8 : Coordination of work between CCPR and CCRVDF

Item 9 : Guidelines for compounds of low public health concern that may be exempted from the establishment of Codex MRLs or do not give rise to residues (at Step 7)

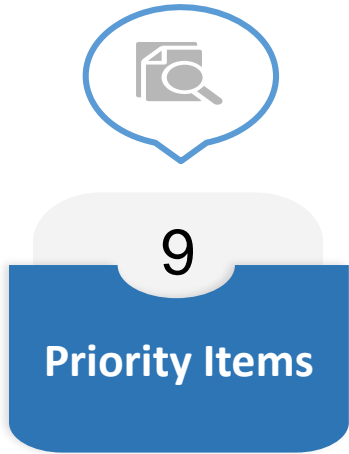
Item 11 : Management of unsupported compounds without public health concern scheduled for periodic review

Item 12 : National registrations of pesticides

Item 13 : Establishment of Codex Schedules and Priority Lists of Pesticides for Evaluation/Re-Evaluation by JMPR

Item 14 : Review of mass spectrometry provisions in the Guidelines on the use of mass spectrometry for the identification, confirmation and quantitative determination of pesticide residues (CXG 56- 2005) and the Guidelines on performance criteria of pesticide residues in food and feed (CXG 90-2017)

Item 15 : Monitoring the purity and stability of certified reference material of multi-class pesticides during prolonged storage



Agenda Item 6

MRLs for pesticides in food and feed (at Steps 7 and 4)

Item 6



CCPR53 's main recommendations :

- ❖ **The committee agreed to present some suggested maximum limits for pesticide residues in some food products for adoption in step 5/8:**

METCONAZOLE , IMAZALIL ,CHLORIOTHALONIL, SPIROPIDION ,METALAXYL and METALAXYL-M , PYRAZIFLUMID, PYRASULFOTOLE, FLUTIANIL, FENPICOXAMID, ETHIPROLE, ISOPROTHIOLANE, PENDIMETHALIN, TRINEXAPAC-ETHYL, ISOXAFLUTOLE ,FLUENSULFONE, BIXAFEN, SULFOXAFLO, THIAMETHOXAM, ACETAMIPRID ,FLUOPYRAM , CLOTHIANIDIN ,SPINETORAM ,PROTHIOCONAZOLE, DIFENOCONAZOLE, QUINOXYFEN ,FENHEXAMID, TRIFLOXYSTROBIN ,METHOXYFENOZIDE ,CYPRODINIL ,FENPYROXIMATE ,CLOFENTEZINE,METHOPRENE,

- ❖ **The committee decided to keep some of the proposed maximum residue limits for some food products in step 4 under the four-year rule:**

CHLORPYRIFOS-METHYL, TRIFLOXYSTROBIN, FIPRONIL ,BIFENTHRIN, FENPYROXIMATE

- ❖ **The committee decided to revoke certain pesticide residue limits in certain food products**

METALAXYL / METALAXYL-M, FENPYROXIMATE, BIFENTHRIN, PROFENOFOS, CHLORPYRIFOS, PYFLUBUMIDE

Agenda Item 7-d

Coordination of work between CCPR and CCRVDF: Harmonized definition for edible offal and other edible animal tissues

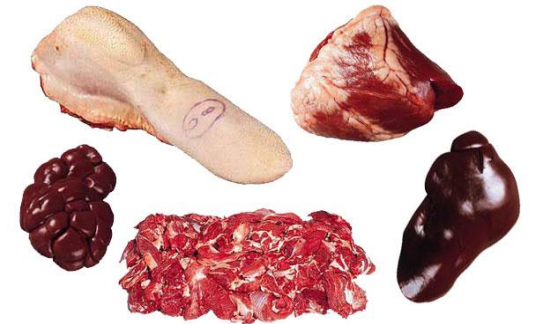
Item 7.d



CCPR53 's main recommendations :

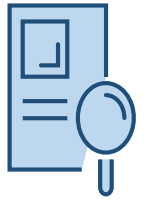
The Committee recommended to:

- ❖ Align its definition of edible offal with the definition of CCRVDF and as adopted by the Codex Alimentarius;
- ❖ Align the definition of fat, meat and muscle with the JECFA/CCRVDF definition as proposed by the JECFA/JMPR eWG
- ❖ Refer the definitions of edible offal, meat, muscle and fat to the Codex Alimentarius Commission for approval.



Agenda Item 14

Discussion paper on the review of mass spectrometry provisions in the Guidelines on the use of mass spectrometry for the identification, confirmation and quantitative determination of pesticide residues (CXG 56- 2005) and the Guidelines on performance criteria of pesticide residues in food and feed (CXG 90-2017)



**CCPR53
(2022)**

CCPR53 's main recommendations :

- (i) to revoke the Guidelines on the use of mass spectrometry for the identification, confirmation and quantitative determination of pesticide residues (CXG 56-2005); and
- (ii) that the Guidelines on performance criteria of pesticide residues in food and feed (CXG 90-2017) could be revised in the future and that any member could make a proposal for such revision in light of new developments in science and technology in this area.

Agenda Item 15



Item 15 : Discussion paper on monitoring the purity and stability of certified reference material of multi-class pesticides during prolonged storage

CCPR53 's main recommendations :



- (i) to re-establish the EWG, chaired by India and co-chaired by Iran, working in English to refine the discussion paper and proposal for new work taking into account comments made at the session and submitted in writing to the session and to build on and explain more clearly the rationale for the new work; and
- (ii) to encourage all members and observers to participate in the EWG in particular those delegations who had made interventions during the session, in particular, China, Japan, Singapore, Egypt and IFT to actively participate in the EWG to facilitate the consideration of and decision-making on this matter at CCPR54.



Codex Committee on Spices and Culinary
Herbs

(CCSCH6)

The **6th session** of the Codex Committee on Spices and Culinary Herbs (CCSCH6) was held virtually from 26 to 30 September and 3 October 2022 with the participation of more than **400 members** from Member States, including several observer organizations

Recommendations on Priority Agenda Items of CCSCH6

The most important outputs and decisions concern a range of products included in the following agenda items:

- Item 3** : Draft Standard for saffron
- Item 4.1** : Draft Standard for dried nutmeg
- Item 5.1** : Proposed draft Standard for dried or dehydrated chilli peppers and paprika
- Item 5.2** : Proposed draft standard for small cardamom
- Item 5.3** : Proposed draft standard for spices in dried fruits and berries (allspices, juniper berry, Star anise and Vanilla)
- Item 6** : Proposed draft standard for turmeric

Item 3 : Dried floral parts : Draft Standard for Saffron



Major Recommendations and Outputs



The CCSCH6 agreed to keep " Extra class" in the standard.

The Committee supported the proposal for a mandatory declaration of the harvest country.

CCSCH6 agreed to forward:

- ❖ Draft standard for saffron to CAC45 **for adoption at step 8**;
- ❖ The provisions on labelling and methods of analysis to CCFL and CCMAS, respectively, for endorsement.



Item 4.1 : Dried seeds: Draft Standard for dried nutmeg



Major Recommendations and Outputs

CCSCH6 agreed to :

- ❖ forward the draft standard for dried seeds - nutmeg to CAC45 **for adoption at Step 8**
- ❖ Re-submit the methods of analysis to CCMAS for endorsement



Item 5.1 : Proposed draft Standard for dried or dehydrated chilli peppers and paprika



Major Recommendations and Outputs

The Committee agreed to forward:

- ❖ the proposed draft standard for dried or dehydrated chilli pepper and paprika for **adoption by CAC45 at Step 5/8**
- ❖ the provisions for labelling and methods of analysis to CCFL and CCMAS, respectively, for endorsement.



Item 5.2 : Proposed draft standard for small cardamom



Major Recommendations and Outputs

CCSCH6 agreed to forward:

- ❖ the proposed draft standard for dried small cardamom to CAC45 for **adoption at Step 5**
- ❖ the provisions on labelling and methods of analysis to CCFL and CCMAS, respectively, for endorsement;

And agreed to establish an EWG, chaired by India and co-chaired by Guatemala and Iran to consider the outstanding parameters or values, taking into account the comments submitted at Step 6 as well as discussions at CCSCH6.



Item 5.3: Proposed Draft Standard for Spices derived from Dried Fruits and Berries (Allspice, Juniper Berry, Star Anise and Vanilla)



Major Recommendations and Outcomes

CCSCH6 agreed to:

- i. forward to CAC45 the provisions for the proposed draft group standard for **adoption at Step 5**;
- ii. forward to CCFL and CCMAS for endorsement the labelling provisions and methods of analysis, respectively;
- iii. Return the provisions for vanilla in the proposed draft group standard for spices derived from dried fruits and berries to Step 2/3 for redrafting and circulation for comments
- iv. Establish an EWG, led by the United States of America, and Co-chaired by Madagascar, Mexico and India, to further the work on this proposed draft group standard.



