AMENDMENT TO CX/FA 24/54/6 ANNEX 1 (EXPLANATORY)

ISSUE RELATED TO CXS 288-1976

1. Canada, as the Chair of the Alignment EWG/PWG, identified small discrepancies in both the most recent 2023 updates to the online and pdf versions of the General Standard on Food Additives (GSFA, CXS 192-1995) with content that was endorsed at CCFA53, and which may impact the alignment of CXS 288-1976. A recommendation to resolve this issue is found in annex 1 to this document.

ISSUE RELATED TO CXS 66-1981

2. Following publication of the CX/FA 24/54/6, the Chair received a minor clarification request for Issue 9, from co-Chair Japan. Proposed revisions to Issue 9 of annex 1 of CX/FA 24/54/6 are found in annex 1 to this document.

ISSUE RELATED TO CXS 323R-2017

3. Following publication of the CX/FA 24/54/6, the Chair is proposing Note revisions related to Issue 17 of annex 1 of CX/FA 24/54/6, to be consistent with a previously proposed Note revision for Issue 12 in that same annex. Proposed revisions to Issue 17 of annex 1 of CX/FA 24/54/6 are found in annex 1 to this document.

AMENDMENTS TO CX/FA 24/54/6 ANNEX 2 (AMENDMENTS TO GSFA DUE TO ALIGNMENT OF CCMMP STANDARDS, CXS 243 & CXS 288)

4. Following publication of the CX/FA 24/54/6, the Chair received minor notices of minor errata from Australia. Proposed revisions to annex 2 of CX/FA 24/54/6 are found in annex 2 to this document.

5. Throughout annexes 1 and 2, new text is indicated in bold and underline, while text to be removed is indicated in strikethrough.

PROPOSED WORKPLAN FOR THE FUTURE ALIGNMENT OF THE FOOD ADDITIVE PROVISIONS OF COMMODITY STANDARDS

7. CCFA53\(^1\) agreed to update the work plan for future alignment of the food additive provisions of commodity Committees contained in the Information Document titled Guidance to Commodity Committees on the Alignment of Food Additive Provisions (REP23/FA para 68).

\(^1\) REP23/FA paragraph 68
Progress since CCFA53

8. A revised workplan was not circulated to the EWG during the 3 rounds of consultation as the new Chair considered efficiencies to be gained and lessons learned from the initial years of work on alignment. A proposed workplan is included in annex 3 to this document.

9. The PWG on alignment is invited to:
   (i) review the new proposal from the Chair of the Alignment EWG/PWG (annexes 1 and 2); and
   (ii) consider the proposed Workplan for the future alignment of the food additive provisions of the commodity standards (annex 3).

List of Annexes of this document

Annex 1: Issues affecting CX/FA 24/54/6 Annex 1 (explanatory)
Annex 2: Revised proposed revisions to CX/FA 24/54/6 Annex 2
Annex 3: Workplan for the future alignment of the food additive provisions of commodity standards
ISSUES AFFECTING CX/FA 24/54/6 ANNEX 1 (EXPLANATORY)

ISSUE RELATED TO CXS 288-1976

The WG acknowledges CCFA53’s decision to replace Note 236 with Note XS 288 (REP23/FA paragraph 47ii). However, this change has not been accurately reflected in the GSFA PDF version. Additionally, in some locations where XS 288 has replaced note 236, the former note 236 text is still present rather than the XS288 note in both the PDF and online version of the GSFA. The Working Group therefore requests that the Codex Secretariat implement the following revisions:

- In the GSFA online version: Note XS288 should be revised to read as: "Excluding products conforming to the Standard for Cream and Prepared Creams (CODEX STAN 288-1976)."

- In the GSFA PDF version: Note236 should be replaced with Note XS 288. Additionally, Note XS 288 should be revised to read as: "Excluding products conforming to the Standard for Cream and Prepared Creams (CODEX STAN 288-1976)."

ISSUE RELATED TO CXS 66-1981

The co-Chair, Japan, and Chair have prepared the following revisions to the paragraph immediately preceding the Chair’s initial proposal for Issue 9 in CX/FA 24/54/6 (i.e., 5th paragraph under “Follow-up analysis”) and, also, revisions to the Chair’s proposal itself. These revisions are considered necessary to: attempt to make the linkage between the preceding paragraph and the Chair’s proposal more clear; and correct an inaccurate reference to Note 578 (replace with Note 579) and Note B66 in the Chair’s initial proposal. This does not change the proposal itself but is thought to add increased clarity and accuracy to the proposal.

The physical working group should consider the following amendments and updated proposals to Issue 9 in CX/FA 24/54/6.

5th paragraph under “Follow-up analysis”:

- With respect to additives in FC 04.2.2.3 with thickener function in addition to other functions, the only relevant additives in Tables 1 and 2 are certain PHOSPHATES and propylene glycol alginate (INS 405). It is unclear if INS 405 is technologically justified in this FC because although the general reference to Tables 1&2 in CXS 66-1981 allows for thickeners, CCPFV26 did not identify technological needs for INS 405 to be used for table olives (REP13/PFV para 107); thus, in order to apply a conservative approach, it is proposed to add XS66 on INS 405 in FC 04.2.2.3.

Chair’s Proposal:

Chair’s proposal (final): Considering the above, the following proposals are put forward:

(1) For INS 385 and 386, note A66 is proposed as follows:

Except for use in products conforming to the Standard for Table Olives (CXS 66-1981): antioxidant and preservative functions are permitted for use in all table olives, while use as a colour retention agent is permitted only for table olives darkened with oxidation.

(2) For INS 578 and 585 that have the sole function of colour retention agent, an alternative note A66a is proposed:


(3) For INS 405, it is proposed to add XS66 and delete the previous note B66 (For use in table olives conforming to the Standard for Table Olives (CXS 66-1981): table olives with stuffing only), given that it is unlikely to be justified as a thickener in foods conforming to FC 04.2.2.3. Note, however, that this conclusion means that the only permitted Tables 1 and 2 thickeners in stuffed table olives are certain PHOSPHATES.

For certain PHOSPHATES, a new note P66 is proposed (see below under miscellaneous issues on the new note for PHOSPHATES).
ISSUE RELATED TO CXS 323R-2017

The Chair is proposing Note revisions related to Issue 17 of annex 1 of CX/FA 24/54/6, to be consistent with a previously proposed Note revision for Issue 12. The Chair considers it important to be consistent in Note recommendations for all CCF54 Alignment proposals and, as such, is proposing to remove the term “only” from Notes 64 (For use in dry beans only), 76 (For use in potatoes only), 144 (For use in sweet and sour products only), 345 (For use in curried products only) and 348 (For general use in dried seaweed only), in order to maintain notes for the specific foods in which the additives are permitted but at the same time, not inadvertently restrict the use to one food when they are permitted for use in more than one food. For Issue 17, the Chair previously noted that some of these limiting Notes are used together (i.e., 144 with 345, and 144 with 348) but seemingly refer to different products and so these Notes are considered to be mutually exclusive rather than mutually inclusive. This does not change the Chair’s original proposal but expands upon it to ensure consistent treatment within the CCFA54 Alignment proposals.

It is recommended that the Physical Working Group consider the following revisions to the Chair’s proposal in CX/FA 24/54/6:

Chair’s Proposal (final): to proceed with adding Note B-323R to relevant food additive provisions, as have been proposed in Tables 1 and 2 of the Regional Standards in Annex 4; and to remove the term “only” from Notes 64, 76, 144, 345 and 348.
## CALCIUM CHLORIDE

**INS:** 509  
**Functional class:** Firming agent, Stabilizer, Thickener

<table>
<thead>
<tr>
<th>Food Cat. No.</th>
<th>Food Category</th>
<th>Max Level</th>
<th>Notes</th>
<th>Step/Year Adopted</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.2.1.1</td>
<td>Fermented milks (Plain), not heat treated after fermentation</td>
<td>GMP</td>
<td>234, 235, R243</td>
<td></td>
<td>Adopt</td>
</tr>
<tr>
<td>01.2.1.2</td>
<td>Fermented milks (Plain), heat-treated after fermentation</td>
<td>GMP</td>
<td>234, R243</td>
<td></td>
<td>Adopt</td>
</tr>
<tr>
<td>01.4.1</td>
<td>Pasteurised cream (plain)</td>
<td>GMP</td>
<td>XS288</td>
<td>2013</td>
<td>No change</td>
</tr>
<tr>
<td>01.4.2</td>
<td>Sterilized and UHT creams, whipping and whipped creams, and reduced fat creams (plain)</td>
<td>GMP</td>
<td>2013</td>
<td></td>
<td>No changes required due to Alignment work, same use levels in CXS 288</td>
</tr>
</tbody>
</table>

## PONCEAU 4R (COCHINEAL RED A)

**INS:** 124  
**Functional Class:** Colour

<table>
<thead>
<tr>
<th>Food Cat. No.</th>
<th>Food Category</th>
<th>Max Level</th>
<th>Notes</th>
<th>Step/Year Adopted</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.1.4</td>
<td>Flavoured fluid milk drinks</td>
<td>150 mg/kg</td>
<td>52</td>
<td>2023</td>
<td>No change</td>
</tr>
<tr>
<td>01.7</td>
<td>Dairy-based desserts (e.g. pudding, fruit or flavoured yoghurt)</td>
<td>150 mg/kg</td>
<td>2023</td>
<td></td>
<td>No change</td>
</tr>
</tbody>
</table>

Food category 01.2.1.2: Fermented milks (plain), heat-treated after fermentation

<table>
<thead>
<tr>
<th>Additive</th>
<th>INS</th>
<th>Max Level</th>
<th>Notes</th>
<th>Recommendations</th>
</tr>
</thead>
<tbody>
<tr>
<td>CALCIUM CHLORIDE</td>
<td>509</td>
<td>GMP</td>
<td>234, R243</td>
<td>Adopt</td>
</tr>
<tr>
<td>TAMARIND SEED POLYSACCHARIDE</td>
<td>437</td>
<td>GMP</td>
<td>234, 235</td>
<td>No change. In reference to REP21/FA, para 130, INS 437 was to be adopted for use in foods subject to CXS 243-2003 and without note XS243 in food categories 01.2.1.1. and 01.2.1.2.</td>
</tr>
</tbody>
</table>
Except for use in products conforming to the Standard for Fermented Milks (CXS 243-2003):
sodium dihydrogen phosphate (INS 339(i)), disodium hydrogen phosphate (INS 339(ii)), trisodium
phosphate (INS 339(iii)), potassium dihydrogen phosphate (INS 340(i)), dipotassium hydrogen
phosphate (INS 340(ii)), tripotassium phosphate (INS 340(iii)), calcium dihydrogen phosphate
(INS 341(i)), calcium hydrogen phosphate (INS 341(ii)), tricalcium phosphate (INS 341(iii)),
ammonium dihydrogen phosphate (INS 342(i)), diammonium hydrogen phosphate (INS 342(ii)),
magnesium dihydrogen phosphate (INS 343(i)), magnesium hydrogen phosphate (INS 343(ii)),
trimagnesium phosphate (INS 343(iii)), Disodium diphosphate (INS 450(i)), trisodium diphosphate
(INS 450(ii)), tetrasodium diphosphate (INS 450(iii)), tetrapotassium diphosphate (INS 450(iv)),
dicalcium diphosphate (INS 450(vi)), calcium dihydrogen diphosphate (INS 450(vii)), magnesium
dihydrogen diphosphate (INS 450(ix)), pentasodium triphosphate (INS 451(i)), pentapotassium
triphosphate (INS 451(ii)), sodium polyphosphate (INS 452(i)), potassium polyphosphate (INS 452(ii)),
sodium calcium polyphosphate (INS 452(iii)), calcium polyphosphate (INS 452(iv)), ammonium polyphosphate (INS 452(v)) and bone phosphate (INS 542), as phosphorous, as
stabilizers and/or thickeners, singly or in combination, at 1000 mg/kg.

sodium dihydrogen phosphate (INS 339(i)), disodium hydrogen phosphate (INS 339(ii)), trisodium
phosphate (INS 339(iii)), potassium dihydrogen phosphate (INS 340(i)), dipotassium hydrogen phosphate (INS 340(ii)), tripotassium phosphate (INS 340(iii)), calcium dihydrogen phosphate (INS 341(i)), calcium hydrogen phosphate (INS 341(ii)), tricalcium phosphate (INS 341(iii)), ammonium dihydrogen phosphate (INS 342(i)), diammonium hydrogen phosphate (INS 342(ii)), magnesium dihydrogen phosphate (INS 343(i)), magnesium hydrogen phosphate (INS 343(ii)), trimagnesium phosphate (INS 343(iii)), Disodium diphosphate (INS 450(i)), trisodium diphosphate (INS 450(ii)), tetrasodium diphosphate (INS 450(iii)), tetrapotassium diphosphate (INS 450(iv)),
dicalcium diphosphate (INS 450(vi)), calcium dihydrogen diphosphate (INS 450(vii)), magnesium
dihydrogen diphosphate (INS 450(ix)), pentasodium triphosphate (INS 451(i)), pentapotassium
triphosphate (INS 451(ii)), sodium polyphosphate (INS 452(i)), potassium polyphosphate (INS 452(ii)),
sodium calcium polyphosphate (INS 452(iii)), calcium polyphosphate (INS 452(iv)), ammonium polyphosphate (INS 452(v)) and bone phosphate (INS 542), as phosphorous, as
stabilizers and/or thickeners, singly or in combination, at 1,100 mg/kg.
WORKPLAN FOR THE FUTURE ALIGNMENT OF THE FOOD ADDITIVE PROVISIONS
OF COMMODITY STANDARDS

Cross-reference of standards to be aligned (see FA/54 INF/02, Appendix 1, Part II)

**Bold** = has additives; normal/unbold = no additives permitted or there is provision for additives but none are currently allowed.

**Strikeout** = aligned at CCFA54 (pending confirmation)

Numbers in brackets indicate the relative FC of the GSFA, according to Annex C of the GSFA.

CCAFRICA (R)

334R-2020: Fermented Cooked Cassava-Based Products
335R-2020: Fresh Leaves of Gnetum spp.²
350R-2022: Dried Meat

CCASIA (R)

298R-2009: Fermented Soybean Paste
301R-2011: Edible Sago Flour
313R-2013: Tempe
322R-2015: Non-fermented Soybean Products
323R-2017: Laver Products
354R-2023: soybean products fermented with bacillus species
355R-2023: cooked rice wrapped in plant leaves

CCPC

86-1981: Cocoa Butter

CCCPL

151-1989: Gari (04.2.2.7)  173-1989: Sorghum Flour (06.2.1)
153-1985: Maize (Corn) (06.1)  176-1989: Edible Cassava Flour (06.2.1)
154-1985: Whole Maize (Corn) Meal (06.2.1)  178-1991: Durum Wheat Semolina and Durum Wheat Flour (06.2.1)
155-1985: Degermed Maize (Corn) Meal and Maize (Corn) Grits (06.2.1)  198-1995: Rice (06.1)
169-1989: Whole and Decorticated Pearl Millet Grains (06.1)  199-1995: Wheat and Durum Wheat (06.1)
170-1989: Pearl Millet Flour (06.2.1)  200-1995: Peanuts (04.2.1.1)
171-1989: Certain Pulses (04.2.2.1)  201-1995: Oats (06.1)
172-1989: Sorghum Grains (06.1)  333-2019: Quinoa (06.1)

² The Chair notes that CX 335R-2020 is missing from the INF/02 document.
CCFFP

191-1995: Quick Frozen Squid (09.2.1)
292-2008: Live and Raw Bivalve Molluscs (09.1.2, 09.2.1)
312-2013: Live Abalone and for Raw (09.1.2, 09.2.1)

CCFFV

182-1993: Pineapples (04.1.1.1) 237-2003: Pitahayas (04.1.1.1)
183-1993: Papaya (04.1.1.1) 238-2003: Sweet Cassava (04.2.1.1)
184-1993: Mangoes (04.1.1.1) 245-2004: Oranges (04.1.1.1)
185-1993: Nopal (04.2.1.1) 246-2005: Rambutan (04.1.1.1)
186-1996: Prickly pear (04.2.1.1) 255-2007: Table Grapes (04.1.1.1)
187-1993: Carambola (04.1.1.1) 293-2008: Tomatoes (04.2.1.1)
188-1993: Baby corn (04.2.1.1) 299-2010: Apples (04.1.1.1)
196-1995: Litchi (04.1.1.1) 300-2010: Bitter Cassava (04.2.1.1)
197-1995: Avocado (04.2.1.1) 303-2011: Tree Tomatoes (04.2.1.1)
204-1995: Mangosteens (04.1.1.1) 307-2011: Chili Peppers (04.2.1.1)
205-1997: Bananas (04.1.1.1) 310-2013: Pomegranate (04.1.1.1)
213-1999: Limes (04.1.1.1) 316-2013: Passion Fruit (04.1.1.1)
214-1999: Pummelos (04.1.1.1) 317-2013: Durian (04.1.1.1)
215-1999: Guavas (04.1.1.1) 318-2014: Okra (04.2.1.1)
216-1999: Chayotes (04.1.1.1) 330-2018: Aubergines (04.2.1.1, 04.2.1.2)
217-1999: Mexican Limes (04.1.1.1) 337-2020: Fresh Garlic (04.2.1.1, 04.2.1.2)
218-1999: Ginger (04.2.1.1) 338-2020: Kiwifruit (04.1.1.1)
219-1999: Grapefruits (04.1.1.1) 339-2020: Ware Potatoes (04.2.1.1, 04.2.1.2)
220-1999: Longans (04.1.1.1) 340-2020: Yam (04.2.1.1)
224-2001: Tannia (04.2.1.1) 348-2022: Onions and Shallots (04.2.1.1)
225-2001: Asparagus (04.2.1.1) 349-2022: Berry Fruits (04.1.1.1)
226-2001: Cape Gooseberry (04.1.1.1)

CCLAC (R)

304R-2011: Culantro Coyote
305R-2011: Lucuma
324R-2017: Yacon

CCMMP

243-2003: Fermented Milks
288-1976: Cream and Prepared Creams
CCNASWP (R)

336R-2020: Kava Products for Use as a Beverage When Mixed with Water
356R-2023: Fermented Noni Fruit Juice

CCNE (R)

257R-2007: Canned Humus with Tehena
258R-2007: Canned Foul Medames
259R-2007: Tehena
308R-2011: Harissa
314R-2013: Date Paste
341R-2020: Mixed Zaatar

CCNFSDU

53-1981: Special Dietary Foods with Low-Sodium Content (including Substitutes)
118-1979: “Gluten-free Foods”

CCPFV

17-1981: Canned Applesauce (FC 04.1.2.4)
38-1981: Edible Fungi and Fungus Products (04.2.1.1, 04.2.2 and subcats)
39-1981: Dried Edible Fungi (04.2.2.2)
52-1981: Quick Frozen Strawberries (04.1.2.1)
60-1981: Canned Raspberries (04.1.2.4)
62-1981: Canned Strawberries (04.1.2.4)
66-1981: Table Olives
67-1981: Raisins (04.1.2.2)³
69-1981: Quick Frozen Raspberries (04.1.2.1)
75-1981: Quick Frozen Peaches (04.1.2.1)
76-1981: Quick Frozen Bilberries (04.1.2.1)
78-1981: Canned Fruits Cocktail (04.1.2.4)⁴
99-1981: Canned Tropical Fruit Salad (04.1.2.4)⁴
103-1981: Quick Frozen Blueberries (04.1.2.1)
115-1981: Pickled Cucumbers (Cucumber Pickles) (04.2.2.3)
130-1981: Dried Apricots (04.1.2.2)³
131-1981: Unshelled Pistachios Nuts (04.2.1.1)
143-1985: Dates (04.1.1.2)³
145-1985: Canned Chestnuts and Canned Chestnut Puree (04.2.2.4)
177-1991: Grated Desiccated Coconut (04.1.2.2)
223-2001: Kimchi (04.2.2.7)
240-2003: Aqueous Coconut Products – Coconut Milk and Coconut Cream (04.1.2.8)
241-2003: Canned Bamboo Shoots (04.2.2.4)
242-2003: Canned Stone Fruits (04.1.2.4)
254-2007: Certain Canned Citrus Fruits (04.1.2.4)
260-2007: Pickled Fruits and Vegetables
296-2009: Jams, Jellies and Marmalades (04.1.2.5)
297-2009: Certain Canned Vegetables (General Provisions) (04.2.2.4)
320-2015: Quick Frozen Vegetables
321-2015: Ginseng Products (04.2.2.2)

CCSCH

342-2021: Dried Oregano

343-2021: Dried Roots, Rhizomes and Bulbs: Dried or Dehydrated Ginger

344-2021: Dried Floral Parts: Cloves

345-2021: Dried Basil

347-2019: Dried or Dehydrated Garlic

351-2022: Dried Floral Parts – Saffron

352-2022: Dried Seeds – Nutmeg

353-2022: Dried or Dehydrated Chilli Pepper and Paprika

TFFJ

247-2005: Fruit Juices and Nectars
Proposed plan of alignment by year

Notes:

i. Standard numbers in **bold** represent standards with food additive provisions (i.e., likely to be more complex to align).

ii. CCCPL, CCFFV and CCPFV standards are separated according to relative GSFA food categories.

- **Green**: 06.1
- **Dark blue**: 06.2.1
- **Red**: 04.1.1.1
- **Orange**: 04.1.2 and subcategories
- **Purple**: 04.2.1 and subcategories
- **Light blue**: 04.2.2 and subcategories

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>CCAFRICA (3)</td>
<td>334R, 335R, 350R (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCLAC (2)</td>
<td>304R, 305R (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCNASWP (2)</td>
<td>336R, 356R (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCNE (4)</td>
<td>257R, 258R, 259R, 341R (4)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCCPC (1)</td>
<td>153, 169, 172, 198, 199, 201, 333 (7)</td>
<td>154, 155, 170, 173, 176, 178 (6)</td>
<td>151, 171, 200 (3)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCCPL (16)</td>
<td>191, 292, 312 (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CCFFP (3)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>182, 183, 184, 187, 196, 204, 205, 213, 214, 215, 216, 217 (12)</td>
</tr>
<tr>
<td>CCNFSDU (2)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>53, 118 (2)</td>
</tr>
<tr>
<td>CCSCH (8)</td>
<td>342, 343, 344, 345, 347, 351, 352, 353 (8)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TFFJ (1)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>247 (1)</td>
</tr>
<tr>
<td><strong>Total aligned</strong></td>
<td>17</td>
<td>14</td>
<td>27</td>
<td>26</td>
<td>22</td>
<td>9</td>
</tr>
</tbody>
</table>