

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
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OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

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Subject: Preferred Vocabulary for Establishing Pesticide Tolerances

From: Bernard Schneider, Ph.D., Senior Plant Physiologist *Bas*
Yuenshaung Ng, Ph.D., Biologist *y.s. Ng*
Matthew Crowley, Biologist *Matthew Crowley*
Michael Doherty, Ph.D., Senior Chemist *Michael Doherty*
Health Effects Division
Office of Pesticide Programs

Through: Pete Savoia, Chair *Pete Savoia*
Chemistry Science Advisory Council (ChemSAC)
Health Effects Division
Office of Pesticide Programs

To: All Staff
Health Effects Division
Office of Pesticide Programs

Table of Contents

1.0	Background.....	3
2.0	Preferred Vocabulary Terms.....	4
3.0	Using Preferred Vocabulary in Tolerance Expressions	47
4.0	References.....	49
	Appendix A – Previously-Used Crop Groups in 40 CFR §180.41.....	51

1.0 Background

Pesticide tolerances – the maximum legal residue level allowed in/on commodities in the U.S. food supply – or exemptions from pesticide tolerances are documented in Section 40 of the Code of Federal Regulations (CFR)¹, and, in general, are organized first by pesticide active ingredient then by food commodity (e.g., apple) and tolerance level (often parts per million, ppm). Publication in the CFR can allow for stakeholders (e.g., farmers/growers, food importers and exporters, pesticide chemical manufacturers, governmental enforcement agencies, etc.) to find tolerances for chemicals and/or food commodities of interest.

In order to facilitate efficient tolerance searches, the Agency recognizes the utility in using standardized vocabulary and avoiding use of free text style entries that can complicate even rudimentary searches. A very simple example is a tolerance established on “pecans” for one pesticide and a tolerance established on “pecan” for another pesticide. In a text search of the CFR for “pecans” one would (unknowingly) miss any tolerances established using the term “pecan”. More complicated are tolerances established on group terms such as the crops groups and subgroups identified in 40 CFR §180.41, or where a term acts as a “pseudo-group” (e.g., “bean, dry, seed”, “poultry”, “muskmelon”) such as those in 40 CFR §180.1(g). While crop groups are an efficient format for establishing tolerances, searching for tolerances by commodity needs to account for the hierarchical nature of these groups. Thus a well-designed search tool would allow one to search for “apple” and be returned tolerances established specifically on “apple” as well as any tolerances established on groups that contain “apple”. In database jargon “apple” is referred to as the “child” and the groups to which it belongs its “parents”. Unfortunately, the current lack of a system that utilizes standardized vocabulary has resulted in various forms of the same group term – all of which are intended to mean the same thing. Combine that with a lack of a hierarchical search structure, and small differences in vocabulary can render difficult what might otherwise appear to be a simple query.

This document presents stakeholders who propose pesticide tolerances and regulatory staff charged with reviewing those proposals with:

- The preferred vocabulary terms both for individual commodities and crop groups and subgroups
- A visual display – to the extent possible in a document/paper style format – of group hierarchies via bullet format and indentation
- Identification of preferred processed commodity terms in italics
- Instructions for establishing “all group”-style tolerances and associated notations/comments

It is intended to be a universal reference for the routine everyday work of pesticide regulatory staff and the regulated pesticide community but also for potential use in a relational database format. It is also important to note what information this document does not include at this time. The Agency recognizes that other countries, as well as just a typical U.S. citizen, might not use

¹ <https://www.ecfr.gov>; Pesticide tolerances and exemptions from pesticide tolerances can be found in Section 40 Part 180 Subparts C and D and Part 176 Subpart W.

the same terminology – commodities can be called different things by different people or organizations. What is provided in this file are the preferred terms to be used by the U.S. EPA to establish tolerances. A more robust database would link preferred terms to synonyms, non-preferred terms, or even foreign language translations. Currently EPA’s Food and Feed Commodity Vocabulary² is a useful tool that attempts to mitigate some ambiguity in the form of “lookup” terms, but this data source is under revision, both to include the preferred terms in this document as well as review and update the “lookup” terms. Even more useful are scientific names for each commodity, particularly when trying to communicate internationally. Documenting and linking all of these terms to the preferred vocabulary terms would be a useful future improvement.

Additionally, this document does not give guidance on interpreting tolerances that were established using vocabulary outside of those listed in this document (i.e., “legacy” terms). Some existing tolerance vocabulary terms might be simple fixes (e.g., spelling errors) while other terms such as “Citrus fruits” or “Grain, crop” are not readily defined and more difficult to interpret and revise. This document does not provide definitions of or hierarchies for these “legacy” terms. Registration Review – a regulatory process whereby each pesticide is reviewed every 15 years – can be a vehicle to enact a systematic review and revision to existing tolerance terms. The Agency can also attempt to universally/broadly revise the tolerance vocabulary in the CFR outside of the Registration Review process. However, the scope of this document is intended to establish systematic use of standardized and structured vocabulary from a “point forward”, not to provide instructions for correcting existing (non-preferred) tolerance terms.

Finally, while the list was compiled based on knowledge of existing established tolerances in the CFR and expert input from regulatory staff, it should be viewed as a “living document”. As new commodity groups are formed or as tolerance petitions are submitted for any commodities not currently listed, it can be revised. However, it should be revised considering its original intent: to utilize standardized and structured vocabulary to allow for easy and efficient searches by pesticide regulatory staff and pesticide industry stakeholders. Therefore, revisions should be mindful of:

- Prohibiting duplicate terms for the same commodity.
- Properly mapping individual commodity preferred terms from “old” groups to any new groups.
- Properly mapping any “retired” terms to corresponding new/revised preferred terms to avoid legacy term issues.

2.0 Preferred Vocabulary Terms

The following list specifies the U.S EPA’s preferred vocabulary terms for establishing tolerances. It follows the naming conventions laid out in Federal Register tolerance nomenclature rules from 2002 to 2009 (references provided in Section 4). Many of the terms also represent updates to the terminology provided in EPA’s Food and Feed Vocabulary³.

² <https://www.epa.gov/pesticide-tolerances/food-and-feed-commodity-vocabulary>

³ Ibid.

The list is organized first by the crop groups outlined in 40 CFR §180.41. As they are no longer preferred terms, previous (“old”) crop groups and their commodities are not listed in this section, but are listed in Appendix A for reference. Following the crop groups are those commodities that are not currently subsumed by any crop group (i.e., “orphan” commodities such as peanuts, hops, as well as animal commodities) and then, lastly, all-encompassing terms such as “All Food Commodities” that are sometimes used to establish tolerances for certain pesticide uses like wide area public health mosquitocides. Footnotes and other references provide additional information but should not be included when using the vocabulary term in a tolerance expression. Additionally, as previously noted, processed commodities are italicized simply for ease of identification.

- Vegetable, root and tuber, group 1
 - Vegetable, root, subgroup 1A
 - Beet, garden, roots
 - Beet, sugar, roots
 - *Beet, sugar, dried pulp*
 - *Beet, sugar, refined sugar*
 - *Beet, sugar, molasses*
 - Burdock, edible, roots
 - Carrot, roots
 - *Carrot, juice*
 - Celeriac, roots
 - Chervil, turnip rooted, roots
 - Chicory, roots
 - Ginseng
 - Horseradish
 - Parsley, turnip rooted
 - Parsnip, roots
 - Radish, roots
 - Radish, oriental, roots
 - Radish, oriental, leaves [40 CFR §180.1(g)]⁴
 - Rutabaga, roots
 - Salsify, roots
 - Salsify, black, roots
 - Salsify, spanish, roots
 - Skirret, roots
 - Turnip, roots
 - Vegetable, root, except sugar beet, subgroup 1B
 - Beet, garden, roots
 - Burdock, edible, roots
 - Carrot, roots

⁴ Here and elsewhere a “40 CFR §180.1(g)” notation indicates that the referenced term is a “child” of the preceding term according to the commodity definitions outlined in 40 CFR §180.1(g).

- *Carrot, juice*
 - Celeriac, roots
 - Chervil, turnip rooted, roots
 - Chicory, roots
 - Ginseng
 - Horseradish
 - Parsley, turnip rooted
 - Parsnip, roots
 - Radish, roots
 - Radish, oriental, roots
 - Radish, oriental, leaves [40 CFR §180.1(g)]
 - Rutabaga, roots
 - Salsify, roots
 - Salsify, black, roots
 - Salsify, spanish, roots
 - Skirret, roots
 - Turnip, roots
- Vegetable, tuberous and corm, subgroup 1C
 - Arracacha, tuberous roots
 - Arrowroot
 - *Arrowroot, flour*
 - Artichoke, chinese
 - Artichoke, jerusalem, tuber
 - Canna, edible, rhizome
 - Cassava, bitter, roots
 - Cassava, sweet, roots
 - Chayote, tuberous roots
 - Chufa, tuber
 - Taro, corm
 - Ginger
 - Leren, tuber
 - Potato
 - *Potato, chips*
 - *Potato, granules/flakes*
 - *Potato, processed potato waste*
 - *Potato, wet peel*
 - Sweet potato, tuber
 - Tanier, corm
 - Turmeric, roots
 - Jicama, tuber
 - Yam, true, tuber
 - *Vegetable, tuberous and corm, subgroup 1C, granules/flakes*
 - *Potato, granules/flakes*

- *Vegetable, tuberous and corm, subgroup 1C, chips*
 - *Potato, chips*
 - Vegetable, tuberous and corm, except potato, subgroup 1D
 - Arracacha, tuberous roots
 - Arrowroot
 - *Arrowroot, flour*
 - Artichoke, chinese
 - Artichoke, jerusalem, tuber
 - Canna, edible, rhizome
 - Cassava, bitter, roots
 - Cassava, sweet, roots
 - Chayote, tuberous roots
 - Chufa, tuber
 - Taro, corm
 - Ginger
 - Leren, tuber
 - Sweet potato, tuber
 - Tanier, corm
 - Turmeric, roots
 - Jicama, tuber
 - Yam, true, tuber
 - Vegetable, leaves of root and tuber, group 2
 - Beet, garden, leaves
 - Beet, sugar, leaves
 - Burdock, edible, leaves
 - Carrot, leaves
 - Cassava, bitter, leaves
 - Cassava, sweet, leaves
 - Celeriac, leaves
 - Chervil, turnip rooted, leaves
 - Chicory, leaves
 - Taro, leaves
 - Parsnip, leaves
 - Radish, leaves
 - Radish, oriental, leaves
 - Radish, oriental, roots [40 CFR §180.1(g)]
 - Rutabaga, leaves
 - Salsify, black, leaves
 - Sweet potato, leaves
 - Tanier, leaves
 - Turnip, leaves
 - Yam, true, leaves
 - Vegetable, bulb, group 3-07

- Onion, bulb, subgroup 3-07A
 - Daylily, bulb
 - Fritillaria, bulb
 - Lily, bulb
 - Onion, bulb
 - *Onion, bulb, dried*
 - Garlic, bulb [40 CFR §180.1(g)]
 - Garlic, great headed, bulb [40 CFR §180.1(g)]
 - Garlic, serpent, bulb [40 CFR §180.1(g)]
 - Onion, chinese, bulb [40 CFR §180.1(g)]
 - Onion, pearl, bulb [40 CFR §180.1(g)]
 - Onion, potato, bulb [40 CFR §180.1(g)]
 - Shallot, bulb [40 CFR §180.1(g)]
 - *Onion, bulb, subgroup 3-07A, dried*
 - *Onion, bulb, dried*
- Onion, green, subgroup 3-07B
 - Chive, chinese, fresh leaves
 - Chive, fresh leaves
 - Elegans hosta
 - Fritillaria, leaves
 - Kurrat
 - Onion, macrostem
 - Onion, green
 - Lady's leek [40 CFR §180.1(g)]
 - Leek [40 CFR §180.1(g)]
 - Leek, wild [40 CFR §180.1(g)]
 - Onion, beltsville bunching [40 CFR §180.1(g)]
 - Onion, fresh [40 CFR §180.1(g)]
 - Onion, tree, tops [40 CFR §180.1(g)]
 - Onion, welsh, tops [40 CFR §180.1(g)]
 - Shallot, fresh leaves [40 CFR §180.1(g)]
- Vegetable, leafy, group 4-16
 - Leafy greens subgroup 4-16A
 - Amaranth, chinese
 - Amaranth, leafy
 - Chervil, fresh leaves
 - Chrysanthemum, garland
 - Corn salad
 - Dandelion, leaves
 - Dock
 - Endive
 - Escarole [40 CFR §180.1(g)]

- Lettuce, head
- Lettuce, leaf
- Orach
- Parsley, fresh leaves
- Purslane, garden
- Purslane, winter
- Radicchio
- Spinach
- Spinach, malabar
- Spinach, new zealand
- Swiss chard
- Aster, indian
- Blackjack
- Cat's whiskers
- Cham-chwi
- Cham-na-mul
- Chipilin
- Cilantro, fresh leaves
- Cosmos
- Dang-gwi, leaves
- Dillweed
- Dol-nam-mul
- Ebolo
- Fameflower
- Feather cockscomb
- Good king henry
- Huauzontle
- Jute, leaves
- Lettuce, bitter
- Plantain, buckthorn
- Primrose, english
- Spinach, tanier
- Violet, chinese, leaves
- Brassica, leafy greens, subgroup 4-16B
 - Radish, leaves
 - Arugula
 - Cress, garden
 - Cress, upland
 - Broccoli, chinese
 - Cabbage, chinese, bok choy
 - Collards
 - Kale
 - Mizuna

- Mustard greens
 - Rape greens
 - Cabbage, abyssinian
 - Cabbage, seakale
 - Maca, leaves
 - Wild rocket
 - Shepherd's purse
 - Turnip greens
 - Broccoli raab [40 CFR §180.1(g)]
 - Hanover salad [40 CFR §180.1(g)]
 - Watercress
- Vegetable, brassica, head and stem, group 5-16
 - Brussels sprouts
 - Cabbage
 - Cabbage, chinese, napa [40 CFR §180.1(g)]
 - Cauliflower
 - Broccoli
 - Broccoli, chinese [40 CFR §180.1(g)]
- Vegetable, legume, group 6
 - Vegetable, legume, edible-podded, subgroup 6A
 - Bean, edible podded⁵
 - Bean, snap, succulent
 - Soybean, vegetable, succulent
 - Pea, edible podded⁶
 - Pea and bean, succulent shelled, subgroup 6B
 - Bean, succulent shelled⁷
 - Bean, lima, succulent
 - Pea, blackeyed, succulent
 - Pea, southern, succulent
 - Soybean, vegetable, succulent

⁵ Note: besides the preferred terms listed, this pseudo-group also includes, but is not limited to the following (non-preferred term) commodities: bean, asparagus, edible podded; bean, moth, edible podded; bean, runner, edible podded; bean, wax, edible podded; bean, yardlong, edible podded; jackbean, edible podded; longbean, Chinese, edible podded; swordbean, edible podded.

⁶ Note: this pseudo-group includes, but is not limited to the following (non-preferred term) commodities: pea, dwarf, edible podded; pea, China, edible podded; pea, Ming, edible podded; pea, snap, edible podded; pea, sugar snap, edible podded; pea, snow, edible podded; pea, pigeon, edible podded.

⁷ Note: besides the preferred terms listed, this pseudo-group includes, but is not limited to the following (non-preferred term) commodities: bean, broad, succulent; cowpea, succulent; bean, filet, succulent; bean, flageolet, succulent; bean, French, succulent; bean, French horticultural, succulent; bean, garden, succulent; bean, green, succulent; bean, haricot, succulent; bean, Italian, succulent; bean, magic, succulent; bean, romano, succulent; vanica, succulent. See 40 CFR §180.1(g).

- Pea, succulent shelled⁸
 - Pea and bean, dried shelled, except soybean, subgroup 6C
 - Bean, dry, seed⁹
 - Bean, lima, dry, seed
 - Chickpea, dry, seed
 - *Chickpea, flour*
 - Lentil, dry, seed
 - Pea, blackeyed, dry, seed
 - Pea, southern, dry, seed
 - Pea, dry, seed¹⁰
 - Soybean, seed
 - *Soybean, hulls*
 - *Soybean, meal*
 - *Soybean, refined oil*
 - *Soybean, soy milk*
 - *Soybean, flour*
 - Grain, aspirated fractions
- Vegetable, foliage of legume, group 7
 - Vegetable, foliage of legume, group 7, forage
 - Cowpea, forage
 - Cowpea, silage
 - Pea, field, forage
 - Pea, field, silage
 - Soybean, forage
 - Soybean, silage
 - Vegetable, foliage of legume, group 7, silage
 - Cowpea, silage
 - Pea, field, silage

⁸ Note: this pseudo-group includes, but is not limited to the following (non-preferred term) commodities: pea, pigeon, succulent; pea, English, succulent; pea, garden, succulent; pea, green, succulent. See 40 CFR §180.1(g).

⁹ Note: besides the preferred terms listed, this pseudo-group also includes, but is not limited to the following (non-preferred term) commodities: bean, adzuki, dry, seed; bean, broad, dry, seed; bean, field, dry, seed; bean, kidney, dry, seed; bean, lablab, dry, seed; bean, moth, dry, seed; bean, mung, dry, seed; bean, navy, dry, seed; bean, pinto, dry, seed; bean, rice, dry, seed; bean, tepary, dry, seed; bean, urd, dry, seed; catjang, dry, seed; cowpea, dry, seed; guar, dry, seed; lupin, grain, dry, seed; lupin, sweet, dry, seed; lupin, white, dry, seed; lupin, white sweet, dry, seed; pea, crowder, dry, seed; bean, black, dry, seed; bean, cranberry, dry, seed; bean, habichuela, dry, seed; bean, marrow, dry, seed; bean, small red, dry, seed; bean, small white, dry, seed; bean, soldier, dry, seed; bean, turtle, dry, seed; bean, black turtle, dry, seed; cannellini, dry, seed; bean, great northern, dry, seed; bean, mexican red, dry, seed; bean, pink, dry, seed; popbean, dry, seed; bean, sutter, dry, seed; bean, yellow eye, dry, seed. See 40 CFR §180.1(g).

¹⁰ Note: this pseudo-group includes, but is not limited to the following (non-preferred term) commodities: pea, field, dry, seed; pea, pigeon, dry, seed. See 40 CFR §180.1(g).

- Soybean, silage
 - Vegetable, foliage of legume, except soybean, subgroup 7A, silage
 - Cowpea, silage
 - Pea, field, silage
 - Vegetable, foliage of legume, group 7, hay
 - Cowpea, hay
 - Pea, field, hay
 - Soybean, hay
 - Vegetable, foliage of legume, except soybean, subgroup 7A, hay
 - Cowpea, hay
 - Pea, field, hay
 - Vegetable, foliage of legume, except soybean, subgroup 7A
 - Vegetable, foliage of legume, except soybean, subgroup 7A, forage
 - Cowpea, forage
 - Cowpea, silage
 - Pea, field, forage
 - Pea, field, silage
 - Vegetable, foliage of legume, except soybean, subgroup 7A, silage
 - Cowpea, silage
 - Pea, field, silage
 - Vegetable, foliage of legume, except soybean, subgroup 7A, hay
 - Cowpea, hay
 - Pea, field, hay
- Vegetable, fruiting, group 8-10
 - Tomato subgroup 8-10A
 - Bush tomato
 - Cocona
 - Currant tomato
 - Garden huckleberry
 - Goji berry
 - Groundcherry
 - Naranjilla
 - Sunberry
 - Tomato
 - Tomatillo [40 CFR §180.1(g)]
 - *Tomato, dried*
 - *Tomato, paste*
 - *Tomato, puree*
 - Tree tomato
 - Pepper/eggplant subgroup 8-10B
 - Eggplant
 - African eggplant

- Martynia
 - Okra
 - Pea eggplant
 - Pepper, bell
 - *Pepper, bell, dried*
 - Pepper, nonbell
 - *Pepper, nonbell, dried*
 - Roselle
 - Scarlett eggplant
 - Pepino
- Nonbell pepper/eggplant subgroup 8-10C
 - Eggplant
 - African eggplant
 - Martynia
 - Okra
 - Pea eggplant
 - Pepper, nonbell
 - *Pepper, nonbell, dried*
 - Roselle
 - Scarlett eggplant
 - Pepino
- Vegetable, cucurbit, group 9
 - Melon subgroup 9A
 - Melon, citron
 - Muskmelon¹¹
 - Cantaloupe
 - Watermelon
 - *Watermelon, juice*
 - Squash/cucumber subgroup 9B
 - Waxgourd, chinese
 - Cucumber
 - Gherkin, west indian
 - Squash, summer
 - Gourd, edible [40 CFR §180.1(g)]
 - Bitter melon [40 CFR §180.1(g)]
 - Balsam apple [40 CFR §180.1(g)]
 - Balsam pear [40 CFR §180.1(g)]
 - Chayote, fruit [40 CFR §180.1(g)]
 - Cucumber, chinese [40 CFR §180.1(g)]
 - Pumpkin

¹¹ Note: besides the preferred term listed, this pseudo-group also includes, but is not limited to the following (non-preferred term) commodities: honeydew melon; casaba melon; crenshaw melon. See 40 CFR §180.1(g).

- Squash, winter
- Fruit, citrus, group 10-10
 - Orange subgroup 10-10A
 - Calamondin
 - Citron
 - Citrus hybrids¹²
 - Tangelo
 - Orange
 - *Orange, juice*
 - Orange, tachibana
 - Tangerine
 - Mandarin, mediterranean [40 CFR §180.1(g)]
 - Mandarin, satsuma [40 CFR §180.1(g)]
 - Tangelo [40 CFR §180.1(g)]
 - Tangor [40 CFR §180.1(g)]
 - *Tangerine, juice*
 - Orange trifoliolate
 - *Orange subgroup 10-10A, juice*
 - *Orange, juice*
 - *Tangerine, juice*
 - *Orange subgroup 10-10A, dried pulp*
 - *Orange subgroup 10-10A, oil*
 - Lemon/lime subgroup 10-10B
 - Australian desert lime
 - Australian finger lime
 - Australian round lime
 - Brown river finger lime
 - Kumquat
 - Lemon
 - *Lemon, juice*
 - Lime
 - *Lime, juice*
 - Mount white lime
 - New guinea wild lime
 - Russel river lime
 - Sweet lime
 - Tahiti lime
 - *Lemon/lime subgroup 10-10B, juice*
 - *Lemon, juice*
 - *Lime, juice*

¹² Note: besides the preferred term listed, this pseudo-group also includes, but is not limited to the following (non-preferred term) commodities: chironja, tangor, limequat, cintrangequat.

- *Lemon/lime subgroup 10-10B, dried pulp*
 - *Lemon/lime subgroup 10-10B, oil*
 - Grapefruit subgroup 10-10C
 - Grapefruit
 - *Grapefruit, juice*
 - Grapefruit, japanese summer
 - Pummelo
 - Uniq fruit
 - Tangelo
 - *Grapefruit subgroup 10-10C, juice*
 - *Grapefruit, juice*
 - *Grapefruit subgroup 10-10C, dried pulp*
 - *Grapefruit subgroup 10-10C, oil*
 - *Fruit, citrus, group 10-10, juice*
 - *Orange subgroup 10-10A, juice*
 - *Orange, juice*
 - *Tangerine, juice*
 - *Lemon/lime subgroup 10-10B, juice*
 - *Lemon, juice*
 - *Lime, juice*
 - *Grapefruit subgroup 10-10C, juice*
 - *Grapefruit, juice*
 - *Fruit, citrus, group 10-10, dried pulp*
 - *Orange subgroup 10-10A, dried pulp*
 - *Lemon/lime subgroup 10-10B, dried pulp*
 - *Grapefruit subgroup 10-10C, dried pulp*
 - *Fruit, citrus, group 10-10, oil*
 - *Orange subgroup 10-10A, oil*
 - *Lemon/lime subgroup 10-10B, oil*
 - *Grapefruit subgroup 10-10C, oil*
- Fruit, pome, group 11-10
 - Apple
 - *Apple, dried*
 - *Apple, wet pomace*
 - *Apple, juice*
 - Azarole
 - Crabapple
 - Loquat
 - Mayhaw
 - Medlar
 - Pear
 - *Pear, juice*
 - *Pear, dried*

- Pear, asian
- Quince
- Quince, chinese
- Quince, japanese
- Tejocote
- *Fruit, pome, group 11-10, juice*
 - *Apple, juice*
 - *Pear, juice*
- *Fruit, pome, group 11-10, dried*
 - *Apple, dried*
 - *Pear, dried*
- Fruit, stone, group 12-12
 - Cherry subgroup 12-12A
 - Capulin
 - Cherry, black
 - Cherry, nanking
 - Cherry, sweet
 - *Cherry, juice*
 - *Cherry, dried*
 - Cherry, tart
 - *Cherry, juice*
 - *Cherry, dried*
 - *Cherry subgroup 12-12A, juice*
 - *Cherry, juice*
 - *Cherry subgroup 12-12A, dried*
 - *Cherry, dried*
 - Peach subgroup 12-12B
 - Peach
 - Nectarine [40 CFR §180.1(g)]
 - *Peach, juice*
 - *Peach, dried*
 - *Peach subgroup 12-12B, juice*
 - *Peach, juice*
 - *Peach subgroup 12-12B, dried*
 - *Peach, dried*
 - Plum subgroup 12-12C
 - Apricot
 - *Apricot, juice*
 - *Apricot, dried*
 - Apricot, japanese
 - Jujube, chinese
 - Plum

- Plum, american
- Plum, beach
- Plum, canada
- Plum, cherry
- Plum, chickasaw
- Plum, damson
- Plum, japanese
- Plum, klamath
- Plum, prune, fresh
 - *Plum, prune, dried*
 - *Plum, prune, juice*
- Plumcot
- Sloe
- *Plum subgroup 12-12C, juice*
 - *Apricot, juice*
 - *Plum, prune, juice*
- *Plum subgroup 12-12C, dried*
 - *Apricot, dried*
 - *Plum, prune, dried*
- *Fruit, stone, group 12-12, juice*
 - *Cherry subgroup 12-12A, juice*
 - *Cherry, juice*
 - *Peach subgroup 12-12B, juice*
 - *Peach, juice*
 - *Plum subgroup 12-12C, juice*
 - *Apricot, juice*
 - *Plum, prune, juice*
- *Fruit, stone, group 12-12, dried*
 - *Cherry subgroup 12-12A, dried*
 - *Cherry, dried*
 - *Peach subgroup 12-12B, dried*
 - *Peach, dried*
 - *Plum subgroup 12-12C, dried*
 - *Apricot, dried*
 - *Plum, prune, dried*
- Berry and small fruit, group 13-07
 - Caneberry subgroup 13-07A
 - Blackberry
 - *Blackberry, juice*
 - Loganberry
 - Raspberry
 - *Raspberry, juice*

- Raspberry, wild
- Youngberry
- *Caneberry subgroup 13-07A, juice*
 - *Blackberry, juice*
 - *Raspberry, juice*
- Bushberry subgroup 13-07B
 - Aronia berry
 - Blueberry
 - Currant
 - *Currant, dried*
 - Chilean guava
 - Elderberry
 - European barberry
 - Gooseberry
 - Cranberry, highbush
 - Honeysuckle, edible
 - Huckleberry
 - Jostaberry
 - Juneberry
 - Lingonberry
 - Salal
 - Sea buckthorn
 - *Bushberry subgroup 13-07B, dried*
 - *Currant, dried*
- Berry, large shrub/tree, subgroup 13-07C
 - Bayberry
 - Buffaloberry
 - Che
 - Chokecherry
 - Elderberry
 - Juneberry
 - Mountain pepper berries
 - Mulberry
 - Phalsa
 - Pincherry
 - Riberry
 - Salal
 - Serviceberry
- Fruit, small, vine climbing, subgroup 13-07D
 - Amur river grape
 - Gooseberry
 - Grape
 - Grape, table grape

- *Grape, juice*
 - *Grape, raisin*
 - *Grape, wine grape*
 - *Kiwifruit, fuzzy*
 - *Kiwifruit, hardy*
 - *Maypop*
 - *Schisandra berry*
 - *Fruit, small, vine climbing, subgroup 13-07D, juice*
 - *Grape, juice*
 - *Fruit, small, vine climbing, subgroup 13-07D, dried*
 - *Grape, raisin*
- *Fruit, small, vine climbing, except grape, subgroup 13-07E*
 - *Amur river grape*
 - *Gooseberry*
 - *Kiwifruit, fuzzy*
 - *Kiwifruit, hardy*
 - *Maypop*
 - *Schisandra berry*
- *Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F*
 - *Amur river grape*
 - *Gooseberry*
 - *Grape*
 - *Grape, table grape*
 - *Grape, juice*
 - *Grape, raisin*
 - *Grape, wine grape*
 - *Kiwifruit, hardy*
 - *Maypop*
 - *Schisandra berry*
 - *Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F, juice*
 - *Grape, juice*
 - *Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F, dried*
 - *Grape, raisin*
- *Berry, low growing, subgroup 13-07G*
 - *Bearberry*
 - *Bilberry*
 - *Blueberry*
 - *Cloudberry*
 - *Cranberry*
 - *Cranberry, juice*
 - *Cranberry, dried*
 - *Lingonberry*
 - *Muntries*

- Partridgeberry
- Strawberry
 - *Strawberry, juice*
 - *Strawberry, dried*
- *Berry, low growing, subgroup 13-07G, juice*
 - *Cranberry, juice*
 - *Strawberry juice*
- *Berry, low growing, subgroup 13-07G, dried*
 - *Cranberry, dried*
 - *Strawberry, dried*
- *Berry, low growing, except strawberry, subgroup 13-07H*
 - Bearberry
 - Bilberry
 - Blueberry
 - Cloudberry
 - Cranberry
 - *Cranberry, juice*
 - *Cranberry, dried*
 - Lingonberry
 - Muntries
 - Partridgeberry
 - *Berry, low growing, except strawberry, subgroup 13-07H, juice*
 - *Cranberry, juice*
 - *Berry, low growing, except strawberry, subgroup 13-07H, dried*
 - *Cranberry, dried*
- *Berry and small fruit, group 13-07, juice*
 - *Caneberry subgroup 13-07A, juice*
 - *Blackberry, juice*
 - *Raspberry, juice*
 - *Fruit, small, vine climbing, subgroup 13-07D, juice*
 - *Grape, juice*
 - *Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F, juice*
 - *Grape, juice*
 - *Berry, low growing, subgroup 13-07G, juice*
 - *Cranberry, juice*
 - *Strawberry juice*
 - *Berry, low growing, except strawberry, subgroup 13-07H, juice*
 - *Cranberry, juice*
- *Berry and small fruit, group 13-07, dried*
 - *Bushberry subgroup 13-07B, dried*
 - *Currant, dried*
 - *Fruit, small, vine climbing, subgroup 13-07D, dried*

- *Grape, raisin*
 - *Fruit, small, vine climbing, except fuzzy kiwifruit, subgroup 13-07F, dried*
 - *Grape, raisin*
 - *Berry, low growing, subgroup 13-07G, dried*
 - *Cranberry, dried*
 - *Strawberry, dried*
 - *Berry, low growing, except strawberry, subgroup 13-07H, dried*
 - *Cranberry, dried*
- *Nut, tree, group 14-12*
 - *African nut-tree*
 - *Almond*
 - *Almond, oil*
 - *Beechnut*
 - *Nut, brazil*
 - *Pine, brazilian*
 - *Bunya*
 - *Oak, bur*
 - *Butternut*
 - *Nut, cajou*
 - *Candlenut*
 - *Cashew*
 - *Chestnut*
 - *Chinquapin*
 - *Coconut*
 - *Coconut, oil*
 - *Coconut, copra*
 - *Nut, coquito*
 - *Nut, dika*
 - *Ginkgo*
 - *Chestnut, guiana*
 - *Hazelnut*
 - *Hazelnut, oil*
 - *Heartnut*
 - *Nut, hickory*
 - *Horse-chestnut, japanese*
 - *Nut, macadamia*
 - *Nut, mongongo*
 - *Nut, monkey puzzle*
 - *Monkey-pot*
 - *Nut, okari*
 - *Nut, pachira*
 - *Nut, peach palm*
 - *Palm, oil*

- Pecan
- Pequi
- Nut, pili
- Nut, pine
- Pistachio
- Nut, sapucaia
- Almond, tropical
- Walnut, black
- Walnut, english
- Yellowhorn
- *Nut, tree, group 14-12, oil*
 - *Almond, oil*
 - *Coconut, oil*
 - *Hazelnut, oil*
 - *Palm, oil*
- Grain, cereal, group 15
 - Barley, grain
 - *Barley, bran*
 - *Barley, flour*
 - *Barley, pearled barley*
 - Buckwheat, grain
 - *Buckwheat, flour*
 - Corn, field, grain
 - *Corn, field, dry milling*
 - *Corn, field, flour*
 - *Corn, field, grits*
 - *Corn, field, meal*
 - *Corn, field, milled byproducts*
 - *Corn, field, refined oil*
 - *Corn, field, starch*
 - *Corn, field, wet milling*
 - *Corn, field, syrup*
 - *Corn, field, bran*
 - *Grain, aspirated fractions*
 - Corn, pop, grain
 - Corn, sweet, kernel plus cob with husks removed
 - Millet, pearl, grain
 - Millet, proso, grain
 - *Millet, proso, flour*
 - Oat, grain
 - *Oat, bran*
 - *Oat, flour*
 - *Oat, groats/rolled oats*

- Rice, grain
 - *Rice, bran*
 - *Rice, flour*
 - *Rice, polished rice*
 - *Rice, hulls*
- Rice, wild, grain
- Rye, grain
 - *Rye, bran*
 - *Rye, flour*
- Sorghum, grain, grain
 - *Sorghum, grain, flour*
 - Grain, aspirated fractions
- Teosinte, grain
- Wheat, grain
 - Triticale, grain [40 CFR §180.1(g)]
 - *Triticale, flour*
 - *Wheat, bran*
 - *Wheat, flour*
 - *Triticale, flour* [40 CFR §180.1(g)]
 - *Wheat, germ*
 - *Wheat, gluten*
 - *Wheat, middlings*
 - *Wheat, milled byproducts*
 - *Wheat, shorts*
 - Grain, aspirated fractions
- *Grain, cereal, group 15, bran*
 - *Barley, bran*
 - *Corn, field, bran*
 - *Oat, bran*
 - *Rice, bran*
 - *Rye, bran*
 - *Wheat, bran*
- *Grain, cereal, group 15, flour*
 - *Barley, flour*
 - *Buckwheat, flour*
 - *Corn, field, flour*
 - *Millet, proso, flour*
 - *Oat, flour*
 - *Rice, flour*
 - *Rye, flour*
 - *Sorghum, grain, flour*
 - *Wheat, flour*
 - *Triticale, flour* [40 CFR §180.1(g)]

- Grain, cereal, forage, fodder and straw, group 16
 - Grain, cereal, forage, fodder and straw, group 16, forage
 - Corn, field, forage
 - Corn, sweet, forage
 - *Corn, sweet, cannery waste*
 - Millet, pearl, forage
 - Millet, proso, forage
 - Oat, forage
 - Rye, forage
 - Sorghum, grain, forage
 - Wheat, forage
 - Triticale, forage [40 CFR §180.1(g)]
 - Buckwheat, forage
 - Grain, cereal, forage, fodder and straw, group 16, hay
 - Barley, hay
 - Millet, pearl, hay
 - Millet, proso, hay
 - Oat, hay
 - Wheat, hay
 - Triticale, hay [40 CFR §180.1(g)]
 - Buckwheat, hay
 - Teosinte, hay
 - Grain, cereal, forage, fodder and straw, group 16, straw
 - Barley, straw
 - Millet, pearl, straw
 - Millet, proso, straw
 - Oat, straw
 - Rye, straw
 - Wheat, straw
 - Triticale, straw [40 CFR §180.1(g)]
 - Buckwheat, straw
 - Teosinte, straw
 - Grain, cereal, forage, fodder and straw, group 16, stover
 - Corn, field, stover
 - Corn, pop, stover
 - Corn, sweet, stover
 - Millet, pearl, stover
 - Millet, proso, stover
 - Sorghum, grain, stover
- Grass, forage, fodder and hay, group 17
 - Grass, forage, fodder and hay, group 17, forage
 - Bermudagrass, forage
 - Bermudagrass, silage

- Bluegrass, forage
 - Bluegrass, silage
 - Bromegrass, forage
 - Bromegrass, silage
 - Fescue, forage
 - Fescue, silage
 - Grass, forage, fodder and hay, group 17, silage
 - Bermudagrass, silage
 - Bluegrass, silage
 - Bromegrass, silage
 - Fescue, silage
 - Grass, forage, fodder and hay, group 17, hay
 - Bermudagrass, hay
 - Bluegrass, hay
 - Bromegrass, hay
 - Fescue, hay
 - Grass, forage, fodder and hay, group 17, straw
 - Bermudagrass, straw
 - Bluegrass, straw
 - Bromegrass, straw
 - Fescue, straw
 - Grass, forage, fodder and hay, group 17, seed screenings
- Animal feed, nongrass, group 18
 - Alfalfa, seed
 - Animal feed, nongrass, group 18, forage
 - Alfalfa, forage
 - Alfalfa, silage
 - Trefoil, forage [40 CFR §180.1(g)]
 - Sainfoin, forage [40 CFR §180.1(g)]
 - Clover, forage
 - Clover, silage
 - Crownvetch, forage
 - Kudzu, forage
 - Lespedeza, forage
 - Lupin, forage
 - Velvetbean, forage
 - Vetch, forage
 - Vetch, milk, forage
 - Animal feed, nongrass, group 18, silage
 - Alfalfa, silage
 - Clover, silage
 - Animal feed, nongrass, group 18, hay

- Alfalfa, hay
 - *Alfalfa, meal*
 - Trefoil, hay [40 CFR §180.1(g)]
 - Sainfoin, hay [40 CFR §180.1(g)]
 - Clover, hay
 - Crownvetch, hay
 - Kudzu, hay
 - Lespedeza, hay
 - Lupin, hay
 - Velvetbean, hay
 - Vetch, hay
 - Vetch, milk, hay
 - Herbs and spices group 19
 - Herb subgroup 19A
 - Herb subgroup 19A, fresh leaves
 - Angelica, fresh leaves
 - Hyssop, fresh leaves
 - Balm, fresh leaves
 - Basil, fresh leaves
 - Borage, fresh leaves
 - Burnet, fresh leaves
 - Camomile, fresh leaves
 - Catnip, fresh leaves
 - Chive, Chinese, fresh leaves
 - Chive, fresh leaves
 - Cilantro, fresh leaves
 - Clary, fresh leaves
 - Costmary, fresh leaves
 - Culantro, fresh leaves
 - Curry leaf, fresh leaves
 - Dillweed
 - Horehound, fresh leaves
 - Lavender, fresh leaves
 - Lemongrass, fresh leaves
 - Lovage, fresh leaves
 - Marigold, fresh leaves
 - Marjoram, fresh leaves
 - Nasturtium, fresh leaves
 - Pennyroyal, fresh leaves
 - Rosemary, fresh leaves
 - Rue

- Sage, fresh leaves
- Savory, summer, fresh leaves
- Savory, winter, fresh leaves
- Sweet bay, fresh leaves
- Tansy, fresh leaves
- Tarragon, fresh leaves
- Thyme, fresh leaves
- Wintergreen, fresh leaves
- Woodruff, fresh leaves
- Wormwood, fresh leaves
- Herb subgroup 19A, dried leaves
 - Angelica, dried leaves
 - Hyssop, dried leaves
 - Balm, dried leaves
 - Basil, dried leaves
 - Borage, dried leaves
 - Burnet, dried leaves
 - Camomile, dried leaves
 - Catnip, dried leaves
 - Chervil, dried leaves
 - Chive, dried leaves
 - Chive, Chinese, dried leaves
 - Cilantro, dried leaves
 - Clary, dried leaves
 - Costmary, dried leaves
 - Culantro, dried leaves
 - Curry leaf, dried leaves
 - Dillweed, dried leaves
 - Horehound, dried leaves
 - Lavender, dried leaves
 - Lemongrass, dried leaves
 - Lovage, dried leaves
 - Marigold, dried leaves
 - Marjoram, dried leaves
 - Nasturtium, dried leaves
 - Parsley, dried leaves
 - Pennyroyal, dried leaves
 - Rosemary, dried leaves
 - Rue
 - Sage, dried leaves
 - Savory, summer, dried leaves

- Savory, winter, dried leaves
- Sweet bay, dried leaves
- Tansy, dried leaves
- Tarragon, dried leaves
- Thyme, dried leaves
- Wintergreen, dried leaves
- Woodruff, dried leaves
- Wormwood, dried leaves
- Spice subgroup 19B
 - Allspice
 - Anise seed
 - Anise, star
 - Annatto seed
 - Caper buds
 - Caraway, fruit
 - Caraway, black
 - Cardamom, green
 - Cassia bark
 - Cassia fruit
 - Celery seed
 - Cinnamon, bark
 - Cinnamon, fruit
 - Clove buds
 - Coriander, seed
 - Culantro, seed
 - Cumin
 - Dill, seed
 - *Dill, seed, oil*
 - Fennel, common, seed
 - Fennel, florence, seed
 - Fenugreek, seed
 - Grains of paradise
 - Juniper berry
 - Lovage, seed
 - Mace
 - Mustard seed
 - Nutmeg
 - Pepper, black
 - Pepper, white
 - Poppy seed
 - Saffron crocus
 - Vanilla
- Oilseed group 20

- Rapeseed subgroup 20A
 - Borage, seed
 - Cuphea, seed
 - Echium, seed
 - Flax, seed
 - *Flax, seed, oil*
 - *Flax, seed, meal*
 - Gold of pleasure, seed
 - Hare's ear mustard, seed
 - Lesquerella, seed
 - Lunaria, seed
 - Meadowfoam, seed
 - Milkweed, seed
 - Mustard seed
 - Oil radish, seed
 - Poppy seed
 - Rapeseed, seed
 - *Rapeseed, oil*
 - *Rapeseed, meal*
 - Crambe, seed [40 CFR §180.1(g)]
 - Sesame, seed
 - *Sesame, oil*
 - Sweet rocket, seed
 - *Rapeseed subgroup 20A, oil*
 - *Flax, seed, oil*
 - *Rapeseed, oil*
 - *Sesame, oil*
 - *Rapeseed subgroup 20A, meal*
 - *Rapeseed, meal*
 - *Flax, seed, meal*
- Sunflower subgroup 20B
 - Calendula, seed
 - Castor oil plant, seed
 - Chinese tallowtree, seed
 - Euphorbia, seed
 - Evening primrose, seed
 - Jojoba, seed
 - Niger seed, seed
 - Rose hip, seed
 - Safflower, seed
 - *Safflower, meal*
 - *Safflower, oil*

- Stokes aster, seed
- Sunflower, seed
 - *Sunflower, meal*
 - *Sunflower, oil*
- Tallowwood, seed
- Tea oil plant, seed
- Vernonia, seed
- *Sunflower subgroup 20B, oil*
 - *Safflower, oil*
 - *Sunflower, oil*
- *Sunflower subgroup 20B, meal*
 - *Safflower, meal*
 - *Sunflower, meal*
- Cottonseed subgroup 20C
 - Cotton, undelinted seed
 - *Cotton, hulls*
 - *Cotton, meal*
 - *Cotton, refined oil*
 - *Cottonseed subgroup 20C, oil*
 - *Cotton, refined oil*
 - *Cottonseed subgroup 20C, meal*
 - *Cotton, meal*
- *Oilseed group 20, oil*
 - *Rapeseed subgroup 20A, oil*
 - *Flax, seed, oil*
 - *Rapeseed, oil*
 - *Sesame, oil*
 - *Sunflower subgroup 20B, oil*
 - *Safflower, oil*
 - *Sunflower, oil*
 - *Cottonseed subgroup 20C, oil*
 - *Cotton, refined oil*
- *Oilseed group 20, meal*
 - *Rapeseed subgroup 20A, meal*
 - *Flax, seed, meal*
 - *Rapeseed, meal*
 - *Sunflower subgroup 20B, meal*
 - *Safflower, meal*
 - *Sunflower, meal*
 - *Cottonseed subgroup 20C, meal*
 - *Cotton, meal*
- Edible fungi group 21

- Blewitt
- Bunashimeji
- Chinese mushroom
- Enoki
- Hime-matsutake
- Hirmeola
- Maitake
- Morel
- Nameko
- Net bearing
- Oyster mushroom
- Pom Pom
- Reishi mushroom
- Rodman's agaricus
- Shiitake mushroom
- Shimeji
- Stropharia
- Truffle
- White button mushroom
- White jelly fungi
- Vegetable, stalk, stem, and leaf petiole group 22
 - Stalk and stem vegetable subgroup 22A
 - Celtuce
 - Fennel, florence, fresh leaves and stalk
 - Kale, sea
 - Kohlrabi
 - Agave
 - Aloe vera
 - Asparagus
 - Bamboo, shoots
 - Fern, edible, fiddlehead
 - Palm hearts
 - Prickly pear, pads
 - Prickly pear, texas, pads
 - Leaf petiole subgroup 22B
 - Cardoon
 - Celery
 - Fennel, florence, fresh leaves and stalk [40 CFR §180.1(g)]
 - Celery, Chinese
 - Rhubarb
 - Fuki
 - Udo
 - Zuiki

- Fruit, tropical and subtropical, edible peel, Group 23
 - Tropical and subtropical, small fruit, edible peel subgroup 23A
 - Acerola
 - African plum
 - Agritos
 - Almondette
 - Appleberry
 - Arbutus berry
 - Bayberry, red
 - Bignay
 - Breadnut
 - Cabeluda
 - Carandas-plum
 - Ceylon iron wood
 - Ceylon olive
 - Cherry-of-the-rio-grande
 - Chinese olive, black
 - Chinese olive, white
 - Chirauli-nut
 - Cocoplum
 - Desert-date
 - False sandalwood
 - Fragrant manjack
 - Gooseberry, abyssinian
 - Gooseberry, ceylon
 - Gooseberry, otaheite
 - Governor's plum
 - Grumichama
 - Guabiroba
 - Guava berry
 - Guava, brazilian
 - Guava, costa rican
 - Guayabillo
 - Illawarra plum
 - Indian-plum
 - Jamaica-cherry
 - Jambolan
 - Kaffir-plum
 - Kakadu plum
 - Kapundung
 - Karanda
 - Lemon aspen
 - Mombin, yellow

- Monos plum
- Mountain cherry
- Olive
 - *Olive, oil*
- Persimmon, black
- Pitomba
- Plum-of-martinique
- Rukam
- Rumberry
- Sea grape
- Sete-capotes
- Silver aspen
- Water apple
- Water pear
- Water berry
- Wax jambu
- Tropical and subtropical, medium to large fruit, edible peel, subgroup 23B
 - Achachairu
 - Ambarella
 - Araza
 - Babaco
 - Bilimbi
 - Borojo
 - Cajou, fruit
 - Cambuca
 - Carob
 - Cashew apple
 - Ciruela verde
 - Davidson's plum
 - Feijoa
 - Fig
 - *Fig, dried*
 - Gooseberry, indian
 - Guava
 - Guava, cattley [40 CFR §180.1(g)]
 - Guava, Para [40 CFR §180.1(g)]
 - Guava, purple strawberry [40 CFR §180.1(g)]
 - Guava, strawberry [40 CFR §180.1(g)]
 - Guava, yellow strawberry [40 CFR §180.1(g)]
 - Imbe
 - Imbu
 - Jaboticaba
 - Jujube, indian

- Kwai muk
- Mangaba
- Marian plum
- Mombin, malayan
- Mombin, purple
- Monkeyfruit
- Nance
- Natal plum
- Noni
- Papaya, mountain
- Persimmon, japanese
- Pomerac
- Rambai
- Rose apple
- Sentul
- Starfruit
- Surinam cherry
- Tamarind
- Uvalha
- Tropical and subtropical, palm fruit, edible peel subgroup 23C
 - Acai
 - Apak palm
 - Bacaba palm
 - Bacaba-de-leque
 - Date
 - *Date, dried*
 - Doum palm coconut
 - Jelly palm
 - Pataua
 - Peach palm, fruit
- Fruit, tropical and subtropical fruit, inedible peel, group 24
 - Tropical and subtropical, small fruit, inedible peel subgroup 24A
 - Aisen
 - Bael fruit
 - Burmese grape
 - Cat's-eyes
 - Inga
 - Longan
 - Lychee
 - *Lychee, dried*
 - Madras-thorn
 - Manduro
 - Matisia

- Mesquite
- Mongongo, fruit
- Pawpaw, small-flower
- Satinleaf
- Sierra Leone-tamarind
- Spanish lime
- Velvet tamarind
- Wampi
- White star apple
- Tropical and subtropical, medium to large fruit, smooth, inedible peel subgroup 24B
 - Abiu
 - Akee apple
 - Avocado
 - Avocado, guatemalan
 - Avocado, mexican
 - Avocado, west indian
 - Bacury
 - Banana
 - Plantain [40 CFR §180.1(g)]
 - *Plantain, dried*
 - *Banana, dried*
 - *Plantain, dried* [40 CFR §180.1(g)]
 - Banana, dwarf
 - Binjai
 - Canistel
 - Cupuacu
 - Etambe
 - Jatoba
 - Kei apple
 - Langsat
 - Lanjut
 - Lucuma
 - Mabololo
 - Mango
 - *Mango, juice*
 - *Mango, dried*
 - Mango, horse
 - Mango, saipan
 - Mangosteen
 - Paho
 - Papaya
 - *Papaya, juice*

- *Papaya, dried*
 - Pawpaw, common
 - Pelipisan
 - Pequia
 - Persimmon, american
 - Pomegranate
 - Poshte
 - Quandong
 - Sapote, black
 - Sapote, green
 - Sapote, white
 - Sataw
 - Screw-pine
 - Star apple
 - Tamarind-of-the-indies
 - Wild loquat
 - *Tropical and subtropical, medium to large fruit, smooth, inedible peel subgroup 24B, juice*
 - *Mango, juice*
 - *Papaya, juice*
- Tropical and subtropical, medium to large fruit, rough or hairy, inedible peel subgroup 24C
 - Biriba
 - Breadfruit
 - Champedak
 - Cherimoya
 - Durian
 - Elephant-apple
 - Ilama
 - Jackfruit
 - Karuka
 - Mammy-apple
 - Marang
 - Marmaladebox
 - Monkey-bread-tree
 - Nicobar-breadfruit
 - Pandanus
 - Pineapple
 - *Pineapple, juice*
 - *Pineapple, dried*
 - *Pineapple, process residue*
 - Pulasan
 - Rambutan

- Sapodilla
- Sapote, mamey
- Soncoya
- Soursop
- Sugar apple
 - Atemoya [40 CFR §180.1(g)]
 - Custard apple [40 CFR §180.1(g)]
- Sun sapote
- *Tropical and subtropical, medium to large fruit, rough or hairy, inedible peel subgroup 24C, juice*
 - *Pineapple, juice*
- Tropical and subtropical, inedible peel, cactus, subgroup 24D
 - Dragon fruit
 - Pitahaya
 - Pitaya
 - Pitaya, amarilla
 - Pitaya, roja
 - Pitaya, yellow
 - Prickly pear, fruit
 - Prickly pear, texas, fruit
 - Saguaro
- Tropical and subtropical, inedible peel, vine, subgroup 24E
 - Granadilla
 - Granadilla, giant
 - Monstera
 - Passionflower, winged-stem
 - Passionfruit
 - *Passionfruit, juice*
 - Passionfruit, banana
 - Passionfruit, purple
 - Passionfruit, yellow
 - *Tropical and subtropical, inedible peel, vine, subgroup 24E, juice*
 - *Passionfruit, juice*
- *Tropical and subtropical fruit, inedible peel, group 24, juice*
 - *Tropical and subtropical, medium to large fruit, smooth, inedible peel subgroup 24B, juice*
 - *Mango, juice*
 - *Papaya, juice*
 - *Tropical and subtropical, medium to large fruit, rough or hairy, inedible peel subgroup 24C, juice*
 - *Pineapple, juice*
 - *Tropical and subtropical, inedible peel, vine, subgroup 24E, juice*
 - *Passionfruit, juice*

- Cattle, fat
- Cattle, meat¹³
 - *Cattle, meat, dried*
- Cattle, meat byproducts¹⁴
- Goat, fat
- Goat, meat
- Goat, meat byproducts
- Hog, fat
- Hog, meat
- Hog, meat byproducts
- Horse, fat
- Horse, meat
- Horse, meat byproducts
- Poultry¹⁵, fat
- Poultry, meat
- Poultry, meat byproducts
- Egg
 - *Egg, dried*
- Sheep, fat
- Sheep, meat
- Sheep, meat byproducts
- Game¹⁶, fat
- Game, meat
- Game, meat byproducts
- Honey
- Honeycomb
- Milk
- Milk, fat
- Fish, freshwater, finfish¹⁷
- Fish, saltwater, finfish¹⁸

¹³ Here and elsewhere “meat” refers to skeletal muscle.

¹⁴ Here and elsewhere “meat byproducts” refers to everything but fat and skeletal muscle.

¹⁵ Here and elsewhere, “poultry” includes, but is not limited to, the following (non-preferred term) commodities: chicken, turkey, emu, ostrich, duck, dove, goose, guinea hen, partridge, pheasant, pigeon, quail, squab, wild duck.

¹⁶ Here and elsewhere, “game” includes, but is not limited to, the following (non-preferred term) commodities: armadillo, bear, beaver, caribou, deer, elk, frog, groundhog, moose, snake, possum, raccoon, squirrel, turtle, rabbit.

¹⁷ Note: this pseudo-group includes, but is not limited to, the following freshwater or diadromous (non-preferred term) fish: carp, catfish, sturgeon, pike, salmon, tilapia, trout, barb, perch, cod, eel.

¹⁸ Note: this pseudo-group includes, but is not limited to, the following saltwater (non-preferred term) fish: alewife, anchovy, barracuda, bass, bluefish, bonita, butterfish, cisco, cod, croaker, dolphinfish, drum, flatfish, flounder, grouper, haddock, halibut, herring, kingfish, mackerel, menhaden, monkfish, mullet, perch, Pollock, pompano, porgy, rockfish, roughy, sablefish, sardine, sea trout, scup, shad, shark, skate, smelt, snapper, sole, swordfish, tilefish, tomcod, tuna, whitefish, whiting.

- *Fish, saltwater, finfish, dried*
- Fish, shellfish, crustacean¹⁹
- Fish, shellfish, mollusc²⁰
- Seaweed²¹
- Almond, hulls
- Cotton, gin byproducts
- Peanut
 - *Peanut, meal*
 - *Peanut, refined oil*
- Peanut, hay
- Peanut, hulls
- Teff, grain
 - *Teff, flour*
 - *Teff, bran*
- Teff, hay
- Teff, straw
- Teff, forage
- Hop, dried cones
- Coffee, green bean
 - *Coffee, roasted bean*
 - *Coffee, instant*
- Spearmint, fresh leaves
 - *Spearmint, oil*
- Spearmint, dried leaves
- Peppermint, fresh leaves
 - *Peppermint, oil*
- Peppermint, dried leaves
- Sugarcane, cane
 - *Sugarcane, refined sugar*
 - *Sugarcane, molasses*
- Cacao, dried bean
 - *Cacao bean, chocolate*
 - *Cacao bean, roasted bean*
 - *Cacao bean, cocoa powder*
- Tea, plucked leaves
 - *Tea, dried*

¹⁹ Note: this pseudo-group includes, but is not limited to, the following (non-preferred terms): crab, crayfish, cuttlefish, lobster, octopus, squid, shrimp, prawns.

²⁰ Note: this pseudo-group includes, but is not limited to, the following (non-preferred terms): abalone, clam, conch, mussel, oyster, scallop, snail, jellyfish.

²¹ Note: this pseudo-group includes, but is not limited to, the following (non-preferred terms): algae, Irish moss, kelp, spirulina, agar, laver, wakame.

▪ *Tea, instant*

- Canadian garlic
- Ajankuiri
- Andigena
- Bamboo, tuber
- Beet, fodder, roots
- Beet, fodder, leaves
- Dandelion, roots
- Rucki
- Betelnut
- Castanha-do-maranhao
- Sorghum, sweet, stalk
 - *Sorghum, sweet, syrup*
- African horned cucumber
- Agrimony, fresh leaves
- Agrimony, dried leaves
- Amaranth, grain, grain
- Amaranth, grain, stover
- Applemint, fresh leaves
- Applemint, dried leaves
- Arrowhead, corm
- Arrowroot, polynesian
- Artichoke, globe
- Asafoetida
- Bambara groundnut, seed
- Bean, goa, roots
- Bean, goa, seed
- Bean, goa, succulent
- Bean, tonka, seed
- Ben moringa seed, seed
- Black bread weed, seed
- Black wattle, forage
- Black wattle, hay
- Borage, indian, fresh leaves
- Borage, indian, dried leaves
- Calamus-root
- Calopo
- Camwood, forage
- Camwood, hay
- Castorbean, seed
- Chaya, fresh leaves

- Chaya, dried leaves
- Chia, seed
- Cola, seed
- Comfrey, fresh leaves
- Comfrey, dried leaves
- Crotalaria
- Cucumber, wild
- Dahlia, garden, roots
- Dokudami, fresh leaves
- Echinacea, roots
- Echinacea, dried leaves
- Elecampane, roots
- Endive, belgian
- Epazote, fresh leaves
- Epazote, dried leaves
- Evening primrose, common, roots
- Flowers, edible, fresh
- Flowers, edible, dried
- Galangal, roots
- Geranium, scented, fresh leaves
- Geranium, scented, dried leaves
- Ginger, white, flower
- Globemallow, leaves
- Gourd, buffalo, seed
- Gow kee, leaves
- Guajillo, forage
- Guarana
- Gumweed, curlycup, fresh leaves
- Gumweed, curlycup, dried leaves
- Gumweed, great valley, fresh leaves
- Gumweed, great valley, dried leaves
- Honewort, fresh leaves
- Horsemint, fresh leaves
- Horsemint, dried leaves
- Huisache, forage
- Iceplant, fresh leaves
- Iceplant, dried leaves
- Japanese honewort, leaves
- Jute, nalta
- Kapok
 - *Kapok, oil*

- Kenaf, forage
- Koa, forage
- Koa, hay
- Kochia, forage
- Kochia, hay
- Laurel, cherry
- Leadplant, forage
- Leadplant, hay
- Lemon verbena, fresh leaves
- Lemon verbena, dried leaves
- Leucaena, forage
- Leucaena, hay
- Licorice, roots
- Lime blossom
- Lotus root
- Maca, roots
- *Maple, sugar, syrup*
- Marshmarigold, fresh leaves
- Marshmarigold, dried leaves
- Mashua, leaves
- Mashua, tuber
- Mauka, leaves
- Mauka, roots
- Mint, lemon, fresh leaves
- Mint, lemon, dried leaves
- Mioga, flower
- Monarda, fresh leaves
- Monarda, dried leaves
- Mountainmint, fresh leaves
- Mountainmint, dried leaves
- Mulga, forage
- Oca, tuber
- Oregano, mexican, fresh leaves
- Oregano, mexican, dried leaves
- Pea, rough, forage
- Pea, rough, hay
- Pea, winged, succulent
- Peanut, perennial, forage
- Peanut, perennial, hay
- Pennyroyal, american, leaves
- Pepper leaf, fresh leaves

- Pepper leaf, dried leaves
- Perilla, fresh leaves
- Perilla, dried leaves
- Plantain, common, fresh leaves
- Plantain, common, dried leaves
- Pokeweed
- Potato, specialty
- Prairieclover, purple, forage
- Prairieclover, purple, hay
- Psyllium, seed
- Quinoa, grain
- Rampion, roots
- Rampion, leaves
- Roundleaf cassia, forage
- Roundleaf cassia, hay
- Sedge, threadleaf, forage
- Sedge, threadleaf, hay
- Sesbania
- Shea butter tree, seed
- Snakegourd
- Southernwood, fresh leaves
- Southernwood, dried leaves
- Fennel, spanish, fresh leaves
- Fennel, spanish, dried leaves
- Spanish fennel, seed
- Spiny hopsage, forage
- Spiny hopsage, hay
- Stevia, dried leaves
- Sumac, smooth leaf
- Swamp leaf
- Tapertip hawksbeard, forage
- Tapertip hawksbeard, hay
- Thorn mimosa, forage
- Thorn mimosa, hay
- Ti, leaves
- Ti, roots
- Tyfon
- Ulluco, leaves
- Ulluco, tuber
- Vetch, chickling, forage
- Vetch, chickling, hay

- Vetch, kidney, forage
- Vetch, kidney, hay
- Coriander, vietnamese, fresh leaves
- Coriander, vietnamese, dried leaves
- Violet, flower
- Wasabi
- Water bamboo
- Water dropwort, leaves
- Water spinach, leaves
- Waterchestnut
- Watermint, fresh leaves
- Watermint, dried leaves
- Yacon
- Yarrow, dried leaves
- Yarrow, fresh leaves
- Rapeseed, forage
- All Processed Commodities
 - All italicized entries above
- All Feed Commodities
 - Animal feed, nongrass, group 18
 - Alfalfa, seed
 - Animal feed, nongrass, group 18, forage
 - Alfalfa, forage
 - Alfalfa, silage
 - Trefoil, forage [40 CFR §180.1(g)]
 - Sainfoin, forage [40 CFR §180.1(g)]
 - Clover, forage
 - Clover, silage
 - Crownvetch, forage
 - Kudzu, forage
 - Lespedeza, forage
 - Lupin, forage
 - Velvetbean, forage
 - Vetch, forage
 - Vetch, milk, forage
 - Animal feed, nongrass, group 18, silage
 - Alfalfa, silage
 - Clover, silage
 - Animal feed, nongrass, group 18, hay
 - Alfalfa, hay
 - *Alfalfa, meal*
 - Trefoil, hay [40 CFR §180.1(g)]

- Sainfoin, hay [40 CFR §180.1(g)]
 - Clover, hay
 - Crownvetch, hay
 - Kudzu, hay
 - Lespedeza, hay
 - Lupin, hay
 - Velvetbean, hay
 - Vetch, hay
 - Vetch, milk, hay
- Almond, hulls
- *Apple, wet pomace*
- Barley, grain
- Barley, hay
- Barley, straw
- Bean, dry, seed
- Beet, sugar, leaves
 - *Beet, sugar, molasses*
 - *Beet, sugar, dried pulp*
- Carrot, roots
- *Fruit, citrus, group 10-10, dried pulp*
- Corn, field, grain
 - *Corn, field, milled byproducts*
 - Grain, aspirated fractions
- Corn, field, forage
- Corn, field, stover
- Corn, pop, grain
- Corn, pop, stover
- Corn, sweet, forage
 - *Corn, sweet, cannery waste*
- Corn, sweet, stover
- Cotton, gin byproducts
- Cotton, undelinted seed
 - *Cotton, hulls*
 - *Cotton, meal*
- Cowpea, forage
- Cowpea, hay
- Flax, seed, meal
- Grass, forage, fodder and hay, group 17, forage
 - Bermudagrass, forage
 - Bermudagrass, silage
 - Bluegrass, forage
 - Bluegrass, silage
 - Bromegrass, forage
 - Bromegrass, silage
 - Fescue, forage

- Fescue, silage
 - Grass, forage, fodder and hay, group 17, silage
 - Bermudagrass, silage
 - Bluegrass, silage
 - Bromegrass, silage
 - Fescue, silage
- Grass, forage, fodder and hay, group 17, hay
 - Bermudagrass, hay
 - Bluegrass, hay
 - Bromegrass, hay
 - Fescue, hay
- Millet, pearl, grain
- Millet, proso, grain
- Millet, pearl, straw
- Millet, proso, straw
- Millet, pearl, hay
- Millet, proso, hay
- Millet, pearl, forage
- Millet, proso, forage
- Oat, grain
- Oat, forage
- Oat, hay
- Oat, straw
- Pea, field, hay
- Pea, field, forage
 - Pea, field, silage
- Pea, dry, seed
- Peanut, hay
 - *Peanut, meal*
- *Pineapple, process residue*
- Potato
 - *Potato, processed potato waste*
- Rapeseed, forage
- *Rapeseed, meal*
- Rice, grain
 - *Rice, bran*
- Rye, grain
- Rye, forage
- Rye, straw
- *Safflower, meal*
- Sorghum, grain, grain
 - Grain, aspirated fractions
- Sorghum, grain, forage
- Sorghum, grain, stover
- Soybean, forage

- Soybean, silage
 - Soybean, hay
 - Soybean, seed
 - *Soybean, hulls*
 - *Soybean, meal*
 - Grain, aspirated fractions
 - *Sugarcane, molasses*
 - *Sunflower, meal*
 - Turnip, roots
 - Turnip, leaves
 - Wheat, grain
 - Triticale, grain [40 CFR §180.1(g)]
 - *Wheat, milled byproducts*
 - Grain, aspirated fractions
 - Wheat, forage
 - Triticale, forage [40 CFR §180.1(g)]
 - Wheat, hay
 - Triticale, hay [40 CFR §180.1(g)]
 - Wheat, straw
 - Triticale, straw [40 CFR §180.1(g)]
- All Processed Feed Commodities
 - Italicized entries in All Feed Commodities listed above
- All Food Commodities²²
 - Entire list above, as well as other food commodities that are not specified as preferred tolerance terms

3.0 Using Preferred Vocabulary in Tolerance Expressions

While it is fairly straightforward to choose one of the preferred vocabulary terms in Section 2.0 when establishing a tolerance, there are a few situations where additional formatting rules can also help to standardize and structure tolerance expressions.

1. Exceptions

Sometimes pesticides are not registered in the U.S. for use on certain commodities while simultaneously registered for use on other commodities within the same crop group or subgroup. This can arise directly from a pesticide registrant not requesting a registration for that particular use or as a result of a regulatory decision where a particular use is no longer allowed. Such cases should also be evaluated in terms of the relevance of the tolerance for international trade purposes.

If it is indeed the case that a commodity is to be excluded from its group *and a different tolerance is not otherwise established on the individual commodity*, in

²² See 40 CFR §180.1(n)

lieu of individually listing the group's remaining commodities and their tolerance levels in the CFR, an efficient approach can be to list the tolerance as an "exception-style" term. For example, "Grain, cereal, group 15, except rice, grain". Additionally, unlike the previous example, sometimes a tolerance might be established on an individual commodity that is different than the tolerance established on the remainder of the commodities within the same group. In all cases, where a commodity appears to have multiple tolerances, the highest tolerance applies.

Using the preferred tolerance vocabulary, the generic form of these exceptions can be read as:

[Preferred group term], except [preferred individual commodity term(s)].

Importantly, as the construct implies, the second ("excepted") term must: a) be a member of the preceding group term, and b) must be an individual commodity term, not a group term.

This continues the efficient use of crop group tolerances instead of individually listing commodity terms.

2. *"All"-style Group Tolerances*

In addition to crop groups and subgroups, tolerances are sometimes established using broader group terms for special use or conditional circumstances. For example, chemicals used as mosquitocides are often sprayed over wide areas, including over agricultural fields. Another example would be a chemical used in food handling establishments such as food storage areas, warehouses, and distribution facilities. In these cases, as before, the broader group terms provide an efficient method for establishing legal residue limits for "non-direct" pesticide applications on a wide variety of commodities without individually listing each commodity term. As shown in Section 2.0, the following terms are applicable to these types of tolerances:

- All Food Commodities
- All Feed Commodities
- All Processed Commodities
- All Processed Feed Commodities

When these terms are used the tolerance is typically accompanied by a footnote or notation in the CFR describing its special circumstance or condition.

Outside of commodity vocabulary, in terms of how to express chemicals, analytes, and regulatory compliance/enforcement, users are directed to a separate memorandum: HED's Interim Guidance on Tolerance Expressions (S. Knizner, 5/27/09).

4.0 References

40 C.F.R. § 180.1(g)

40 C.F.R. § 180.1(n)

40 C.F.R. § 180.41

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Appendix A – Previously-Used Crop Groups in 40 CFR §180.41

The following list captures previously-used crop grouping terms, all of which are currently non-preferred terms. For purposes of assisting with determining parent-child relationships, the group's hierarchies are presented as well. Comparisons between these groups and the groups in Section 2.0 can be made to see what commodities were in previous groups compared with current groups. Listings in bold font indicate that the term remains a preferred term in the current crop group (see Section 2.0).

Proposed tolerances should use the preferred term list in Section 2.0 above and existing tolerances should be converted from older terms and groups as necessary. Some additional notes are provided to help relate previous terms to current terms.

- Vegetable, bulb, group 3
 - **Garlic, bulb**
 - Garlic, great headed, (elephant) – now “Garlic, great headed, bulb” in Onion, bulb, subgroup 3-07A
 - **Leek**
 - Onion, dry bulb and green – now “Onion, bulb” in Onion, bulb, subgroup 3-07A and “Onion, green” in Onion, green, subgroup 3-07B
 - **Onion, bulb, dried**
 - Onion, welsh – now “Onion, welsh, tops” in Onion, green, subgroup 3-07B
 - Shallot – now “Shallot, bulb” in Onion, bulb, subgroup 3-07A and “Shallot, fresh leaves” in Onion, green, subgroup 3-07B
- Vegetable, leafy, except brassica, group 4
 - Leafy greens subgroup 4A
 - Amaranth (Leafy amaranth, chinese spinach, tampala): now “Amaranth, leafy” in Leafy greens subgroup 4-16A
 - Arugula (Roquette): now “Arugula” in Brassica, leafy greens, subgroup 4-16B
 - Chervil: now “Chervil, fresh leaves” in Leafy greens subgroup 4-16A
 - Chrysanthemum, edible leaved: now a synonym of “Chrysanthemum, garland” in Leafy greens subgroup 4-16A
 - **Chrysanthemum, garland**
 - **Corn salad**
 - **Cress, garden**
 - Cress, upland (yellow rocket, winter cress) – now “Cress, upland” in Brassica, leafy greens, subgroup 4-16B
 - Dandelion – now “Dandelion, leaves” in Brassica, leafy greens, subgroup 4-16B
 - Dock (sorrel) – now “Dock” in Leafy greens subgroup 4-16A
 - Endive (escarole) – now “Endive” and “Escarole” in Leafy greens subgroup 4-16A

- Lettuce, head and leaf – now “Lettuce, head” and “Lettuce, leaf” in Leafy greens subgroup 4-16A
 - **Orach**
 - Parsley – now “Parsley, fresh leaves” in Leafy greens subgroup 4-16A
 - **Purslane, garden**
 - **Purslane, winter**
 - Radicchio (red chicory) – now “Radicchio” in Leafy greens subgroup 4-16A
 - **Spinach**
 - **Spinach, new zealand**
 - Spinach, vine (Malabar spinach, Indian spinach) – now “Spinach, malabar” in Leafy greens subgroup 4-16A
 - Leaf petioles subgroup 4B
 - **Cardoon**
 - **Celery**
 - Fennel, florence (finocchio) [40 CFR §180.1(g)] – now “Fennel, florence, fresh leaves and stalk” in Stalk and stem vegetable subgroup 22A
 - **Celery, chinese**
 - **Celtuce**
 - **Rhubarb**
 - **Swiss chard**
- Vegetable, brassica, leafy, group 5
 - Brassica, head and stem, subgroup 5A
 - **Broccoli**
 - Broccoli, chinese (gai lion) – now “Broccoli, chinese” in Brassica, leafy greens, subgroup 4-16B
 - **Brussels sprouts**
 - **Cabbage**
 - Cabbage, chinese (napa) – now “Cabbage, chinese, napa” in Vegetable, brassica, head and stem, group 5-16
 - Cabbage, chinese, mustard (gai choy) – now a synonym for “Mustard greens” in Brassica, leafy greens, subgroup 4-16B
 - **Cauliflower**
 - Cavalo broccolo – now a synonym for “Cauliflower” and “Broccoli” in Vegetable, brassica, head and stem, group 5-16
 - **Kohlrabi**
 - Brassica, leafy greens, subgroup 5B
 - Broccoli raab (rapini) – now “Broccoli raab” in Brassica, leafy greens, subgroup 4-16B
 - **Cabbage, chinese, bok choy**
 - **Collards**
 - **Kale**

- **Mizuna**
 - **Mustard greens**
 - Mustard spinach – now a synonym for “Mustard greens” in Brassica, leafy greens, subgroup 4-16B
 - **Rape greens**
- Vegetable, fruiting, group 8
 - **Eggplant**
 - **Groundcherry**
 - **Pepino**
 - **Tomatillo**
 - **Tomato**
 - *Tomato, dried*
 - *Tomato, paste*
 - *Tomato, puree*
 - Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper) – now “Pepper, bell” and “Pepper, nonbell” in Pepper/eggplant subgroup 8-10B and Nonbell pepper/eggplant subgroup 8-10C
 - *Pepper, bell, dried*
 - *Pepper, nonbell, dried*
- Fruit, citrus, group 10
 - **Calamondin**
 - Citrus citron – now “Citron” in Orange subgroup 10-10A
 - Citrus hybrids (includes chironja, tangelo, tangor) – now “Citrus hybrids” in Orange subgroup 10-10A
 - **Tangelo**
 - **Tangor**
 - **Grapefruit**
 - **Grapefruit, juice**
 - **Kumquat**
 - **Lemon**
 - **Lemon, juice**
 - **Lime**
 - **Lime, juice**
 - Mandarin (tangerine) – now “Tangerine” in Orange subgroup 10-10A
 - *Tangerine, juice*
 - Orange, sour – now “Orange” in Orange subgroup 10-10A
 - *Orange, juice*
 - Orange, sweet – now “Orange” in Orange subgroup 10-10A
 - *Orange, juice*
 - **Pummelo**
 - Satsuma mandarin – now “Mandarin, satsuma” in Orange subgroup 10-10A
- Fruit, pome, group 11
 - **Apple**

- *Apple, dried*
 - *Apple, wet pomace*
 - *Apple, juice*
 - **Crabapple**
 - **Loquat**
 - **Mayhaw**
 - **Pear**
 - *Pear, juice*
 - *Pear, dried*
 - Pear, oriental – now “Pear, asian” in Fruit, pome, group 11-10
 - **Quince**
- Fruit, stone, group 12
 - **Apricot**
 - *Apricot, juice*
 - *Apricot, dried*
 - **Cherry, sweet**
 - *Cherry, juice*
 - *Cherry, dried*
 - **Cherry, tart**
 - *Cherry, juice*
 - *Cherry, dried*
 - **Peach**
 - *Peach, juice*
 - *Peach, dried*
 - Nectarine [40 CFR §180.1(g)]
 - **Plum**
 - **Plum, chickasaw**
 - **Plum, damson**
 - **Plum, japanese**
 - **Plumcot**
 - Prune (fresh) – now “Plum, prune, fresh” in Plum subgroup 12-12C
 - *Plum, prune, dried*
 - *Plum, prune, juice*
- Berry group 13
 - Caneberry subgroup 13A
 - Blackberry (including bingleberry, black satin berry, boysenberry, Cherokee blackberry, Chesterberry, Cheyenne blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, Himalayaberry, hullberry, Lavacaberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, nectarberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, youngberry, and varieties and/or hybrids of these) – now “Blackberry” in Caneberry subgroup 13-07A
 - *Blackberry, juice*

- **Loganberry**
 - Raspberry, black and red – now “Raspberry” in Caneberry subgroup 13-07A
 - *Raspberry, juice*
 - **Youngberry**
 - Bushberry subgroup 13B
 - **Blueberry**
 - **Currant**
 - *Currant, dried*
 - **Elderberry**
 - **Gooseberry**
 - **Huckleberry**
- Nut, tree, group 14
 - **Almond**
 - *Almond, oil*
 - Beech nut – now “Beechnut” in Nut, tree, group 14-12
 - Brazil nut – now “Nut, brazil” in Nut, tree, group 14-12
 - **Butternut**
 - **Cashew**
 - **Chestnut**
 - **Chinquapin**
 - Filbert (hazelnut) – now “Hazelnut” in Nut, tree, group 14-12
 - *Hazelnut, oil*
 - Hickory nut – now “Nut, hickory” in Nut, tree, group 14-12
 - Macadamia nut – now “Nut, macadamia” in Nut, tree, group 14-12
 - **Pecan**
 - Walnut, black and English (Persian) – now “Walnut, black” and “Walnut, english” in Nut, tree, group 14-12