

digits of the year in which it was established (e.g., if Crop Group 1 is amended in 2007, the revised group will be designated as Crop Group 1-07). If the pre-existing crop group had crop subgroups, these subgroups will be numbered in a similar fashion in the revised crop group. The name of the revised crop group will not be changed from the pre-existing crop group unless the revision so changes the composition of the crop group that the pre-existing name is no longer accurate. Once a revised crop group is established, EPA will no longer establish tolerances under the pre-existing crop group. At appropriate times, EPA will amend tolerances for crop groups that have been superseded by revised crop groups to conform the pre-existing crop group to the revised crop group. Once all of the tolerances for the pre-existing crop group have been updated, the pre-existing crop group will be removed from the CFR.

(k) Establishment of a tolerance does not substitute for the additional need to register the pesticide under a companion law, the Federal Insecticide, Fungicide, and Rodenticide Act. The Registration Division of the Office of Pesticide Programs should be contacted concerning procedures for registration of new uses of a pesticide.

[60 FR 26635, May 17, 1995, as amended at 70 FR 33363, June 8, 2005; 72 FR 69155, Dec. 7, 2007; 75 FR 56014, Sept. 15, 2010]

§ 180.41 Crop group tables.

(a) The tables in this section are to be used in conjunction with §180.40 to establish crop group tolerances.

(b) Commodities not listed are not considered as included in the groups for the purposes of this paragraph, and individual tolerances must be established. Miscellaneous commodities intentionally not included in any group include asparagus, avocado, banana, fig, globe artichoke, hops, mango, papaya, pawpaw, peanut, persimmon, pineapple, water chestnut, and watercress.

(c) Each group is identified by a group name and consists of a list of representative commodities followed by a list of all commodity members for the group. If the group includes subgroups, each subgroup lists the subgroup name, the representative commodity or commodities, and the member commodities for the subgroup. Subgroups, which are a subset of their associated crop group, are established for some but not all crops groups.

(1) *Crop Group 1: Root and Tuber Vegetables Group.*

(i) *Representative commodities.* Carrot, potato, radish, and sugar beet.

(ii) *Table.* The following table 1 lists all the commodities included in Crop Group 1 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 1: ROOT AND TUBER VEGETABLES

Commodities	Related crop subgroups
Arracacha (<i>Arracacia xanthorrhiza</i>)	1C, 1D
Arrowroot (<i>Maranta arundinacea</i>)	1C, 1D
Artichoke, Chinese (<i>Stachys affinis</i>)	1C, 1D
Artichoke, Jerusalem (<i>Helianthus tuberosus</i>)	1C, 1D
Beet, garden (<i>Beta vulgaris</i>)	1A, 1B
Beet, sugar (<i>Beta vulgaris</i>)	1A
Burdock, edible (<i>Arctium lappa</i>)	1A, 1B
Canna, edible (Queensland arrowroot) (<i>Canna indica</i>)	1C, 1D
Carrot (<i>Daucus carota</i>)	1A, 1B
Cassava, bitter and sweet (<i>Manihot esculenta</i>)	1C, 1D
Celeriac (celery root) (<i>Apium graveolens</i> var. <i>rapaceum</i>)	1A, 1B
Chayote (root) (<i>Sechium edule</i>)	1C, 1D
Chervil, turnip-rooted (<i>Chaerophyllum bulbosum</i>)	1A, 1B
Chicory (<i>Cichorium intybus</i>)	1A, 1B
Chufa (<i>Cyperus esculentus</i>)	1C, 1D
Dasheen (taro) (<i>Colocasia esculenta</i>)	1C, 1D
Ginger (<i>Zingiber officinale</i>)	1C, 1D
Ginseng (<i>Panax quinquefolius</i>)	1A, 1B
Horseradish (<i>Armoracia rusticana</i>)	1A, 1B
Leren (<i>Calathea allouia</i>)	1C, 1D
Parsley, turnip-rooted (<i>Petroselinum crispum</i> var. <i>tuberosum</i>)	1A, 1B
Parsnip (<i>Pastinaca sativa</i>)	1A, 1B
Potato (<i>Solanum tuberosum</i>)	1C

TABLE 1—CROP GROUP 1: ROOT AND TUBER VEGETABLES—Continued

Commodities	Related crop subgroups
Radish (<i>Raphanus sativus</i>)	1A, 1B
Radish, oriental (daikon) (<i>Raphanus sativus</i> subvar. <i>longipinnatus</i>)	1A, 1B
Rutabaga (<i>Brassica campestris</i> var. <i>napobrassica</i>)	1A, 1B
Salsify (oyster plant) (<i>Tragopogon porrifolius</i>)	1A, 1B
Salsify, black (<i>Scorzonera hispanica</i>)	1A, 1B
Salsify, Spanish (<i>Scolymus hispanicus</i>)	1A, 1B
Skirret (<i>Sium sisarum</i>)	1A, 1B
Sweet potato (<i>Ipomoea batatas</i>)	1C, 1D
Tanier (cocoyam) (<i>Xanthosoma sagittifolium</i>)	1C, 1D
Turmeric (<i>Curcuma longa</i>)	1C, 1D
Turnip (<i>Brassica rapa</i> var. <i>rapa</i>)	1A, 1B
Yam bean (jicama, manioc pea) (<i>Pachyrhizus</i> spp.)	1C, 1D
Yam, true (<i>Dioscorea</i> spp.)	1C, 1D

(iii) *Table.* The following table 2 identifies the crop subgroups for Crop Group 1, specifies the representative commodity(ies) for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 1 SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 1A. Root vegetables subgroup.	
Carrot, radish, and sugar beet.	Beet, garden; beet, sugar; burdock, edible; carrot; celeriac; chervil, turnip-rooted; chicory; ginseng; horseradish; parsley, turnip-rooted; parsnip; radish; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret; turnip.
Crop Subgroup 1B. Root vegetables (except sugar beet) subgroup.	
Carrot and radish.	Beet, garden; burdock, edible; carrot; celeriac; chervil, turnip-rooted; chicory; ginseng; horseradish; parsley, turnip-rooted; parsnip; radish; radish, oriental; rutabaga; salsify; salsify, black; salsify, Spanish; skirret; turnip.
Crop Subgroup 1C. Tuberous and corn vegetables subgroup.	
Potato.	Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen; ginger; leren; potato; sweet potato; tanier; turmeric; yam bean; yam, true.
Crop Subgroup 1D. Tuberous and corn vegetables (except potato) subgroup.	
Sweet potato.	Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen; ginger; leren; sweet potato; tanier; turmeric; yam bean; yam, true.

(2) *Crop Group 2.* Leaves of Root and Tuber Vegetables (Human Food or Animal Feed) Group (Human Food or Animal Feed) Group.

(i) *Representative commodities.* Turnip and garden beet or sugar beet.

(ii) *Commodities.* The following is a list of all the commodities included in Crop Group 2:

CROP GROUP 2: LEAVES OF ROOT AND TUBER VEGETABLES (HUMAN FOOD OR ANIMAL FEED) GROUP—COMMODITIES

- Beet, garden (*Beta vulgaris*)
- Beet, sugar (*Beta vulgaris*)
- Burdock, edible (*Arctium lappa*)
- Carrot (*Daucus carota*)
- Cassava, bitter and sweet (*Manihot esculenta*)

- Celeriac (celery root) (*Apium graveolens* var. *rapaceum*)
- Chervil, turnip-rooted (*Chaerophyllum bulbosum*)
- Chicory (*Cichorium intybus*)
- Dasheen (taro) (*Colocasia esculenta*)
- Parsnip (*Pastinaca sativa*)
- Radish (*Raphanus sativus*)
- Radish, oriental (daikon) (*Raphanus sativus* subvar. *longipinnatus*)
- Rutabaga (*Brassica campestris* var. *napobrassica*)
- Salsify, black (*Scorzonera hispanica*)
- Sweet potato (*Ipomoea batatas*)
- Tanier (cocoyam) (*Xanthosoma sagittifolium*)
- Turnip (*Brassica rapa* var. *rapa*)
- Yam, true (*Dioscorea* spp.)

(3) *Crop Group 3.* Bulb Vegetables (*Allium* spp.) Group.

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(i) *Representative commodities.* Onion, green; and onion, dry bulb.

(ii) *Commodities.* The following is a list of all the commodities in Crop Group 3.

**CROP GROUP 3: BULB VEGETABLE (*Allium* SPP.)
GROUP—COMMODITIES**

- Garlic, bulb (*Allium sativum*)
- Garlic, great headed, (elephant) (*Allium ampeloprasum* var. *ampeloprasum*)
- Leek (*Allium ampeloprasum*, *A. porrum*, *A. tricoccum*)
- Onion, dry bulb and green (*Allium cepa*, *A. fistulosum*)

**CROP GROUP 3: BULB VEGETABLE (*Allium* SPP.)
GROUP—COMMODITIES—Continued**

- Onion, Welsh, (*Allium fistulosum*)
- Shallot (*Allium cepa* var. *cepa*)

(4) *Crop Group 3-07.* Bulb Vegetable Group.

(i) *Representative Commodities.* Onion, bulb and onion, green.

(ii) *Table.* The following Table 1 lists all the commodities listed in Crop Group 3-07 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 3-07: BULB VEGETABLE GROUP

Commodities	Related crop subgroups
Chive, fresh leaves (<i>Allium schoenoprasum</i> L.)	3-07B
Chive, Chinese, fresh leaves (<i>Allium tuberosum</i> Rottler ex Spreng)	3-07B
Daylily, bulb (<i>Hemerocallis fulva</i> (L.) L. var. <i>fulva</i>)	3-07A
Elegans hosta (<i>Hosta Sieboldiana</i> (Hook.) Engl)	3-07B
Fritillaria, bulb (<i>Fritillaria L. fritillary</i>)	3-07A
Fritillaria, leaves (<i>Fritillaria L. fritillary</i>)	3-07B
Garlic, bulb (<i>Allium sativum</i> L. var. <i>sativum</i>) (<i>A. sativum</i> Common Garlic Group)	3-07A
Garlic, great headed, bulb (<i>Allium ampeloprasum</i> L. var. <i>ampeloprasum</i>) (<i>A. ampeloprasum</i> Great Headed Garlic Group)	3-07A
Garlic, Serpent, bulb (<i>Allium sativum</i> var. <i>ophioscorodon</i> or <i>A. sativum</i> Ophioscorodon Group)	3-07A
Kurrat (<i>Allium kurrat</i> Schweinf. Ex. K. Krause or <i>A. ampeloprasum</i> Kurrat Group)	3-07B
Lady's leek (<i>Allium cernuum</i> Roth)	3-07B
Leek <i>Allium porrum</i> L. (syn: <i>A. ampeloprasum</i> L. var. <i>porrum</i> (L.) J. Gay) (<i>A. ampeloprasum</i> Leek Group)	3-07B
Leek, wild (<i>Allium tricoccum</i> Aiton)	3-07B
Lily, bulb (<i>Lilium</i> spp. (<i>Lilium Leichtlinii</i> var. <i>maximowiczii</i> , <i>Lilium lancifolium</i>))	3-07A
Onion, Beltsville bunching (<i>Allium x proliferum</i> (Moench) Schrad.) (syn: <i>Allium fistulosum</i> L. x <i>A. cepa</i> L.)	3-07B
Onion, bulb (<i>Allium cepa</i> L. var. <i>cepa</i>) (<i>A. cepa</i> Common Onion Group)	3-07A
Onion, Chinese, bulb (<i>Allium chinense</i> G. Don.) (syn: <i>A. bakeri</i> Regel)	3-07A
Onion, fresh (<i>Allium fistulosum</i> L. var. <i>caespitosum</i> Makino)	3-07B
Onion, green (<i>Allium cepa</i> L. var. <i>cepa</i>) (<i>A. cepa</i> Common Onion Group)	3-07B
Onion, macrostem (<i>Allium macrostemom</i> Bunge)	3-07B
Onion, pearl (<i>Allium porrum</i> var. <i>sectivum</i> or <i>A. ampeloprasum</i> Pearl Onion Group)	3-07A
Onion, potato, bulb (<i>Allium cepa</i> L. var. <i>aggregatum</i> G. Don.) (<i>A. cepa</i> Aggregatum Group)	3-07A
Onion, tree, tops (<i>Allium x proliferum</i> (Moench) Schrad. ex Willd.) (syn: <i>A. cepa</i> var. <i>proliferum</i> (Moench) Regel; <i>A. cepa</i> L. var. <i>bulbiferum</i> L.H. Bailey; <i>A. cepa</i> L. var. <i>viviparum</i> (Metz.) Alef.)	3-07B
Onion, Welsh, tops (<i>Allium fistulosum</i> L.)	3-07B
Shallot, bulb (<i>Allium cepa</i> var. <i>aggregatum</i> G. Don.)	3-07A
Shallot, fresh leaves (<i>Allium cepa</i> var. <i>aggregatum</i> G. Don.)	3-07B
Cultivars, varieties, and/or hybrids of these.	

(iii) *Table.* The following Table 2 identifies the crop subgroups for Crop Group 3-07, specifies the representative commodities for each subgroup and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 3-07: SUBGROUP LISTING

Representative commodities	Commodities
Crop subgroup 3-07A. Onion, bulb, subgroup.	Daylily, bulb; fritillaria, bulb; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; lily, bulb; onion, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb; cultivars, varieties, and/or hybrids of these.
Crop subgroup 3-07B. Onion, green, subgroup.	Chive, fresh leaves; chive, Chinese, fresh leaves; elegans hosta; fritillaria, leaves; kurrat; lady's leek; leek; leek, wild; Onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these.

(5) *Crop Group 4. Leafy Vegetables (Except Brassica Vegetables) Group.*

(i) *Representative commodities.* Celery, head lettuce, leaf lettuce, and spinach (*Spinacia oleracea*).

(ii) *Table.* The following table 1 lists all the commodities included in Crop Group 4 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 4: LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES) GROUP

Commodities	Related crop subgroups
Amaranth (leafy amaranth, Chinese spinach, tampala) (<i>Amaranthus</i> spp.)	4A
Arugula (Roquette) (<i>Eruca sativa</i>)	4A
Cardoon (<i>Cynara cardunculus</i>)	4B
Celery (<i>Apium graveolens</i> var. <i>dulce</i>)	4B
Celery, Chinese (<i>Apium graveolens</i> var. <i>secalinum</i>)	4B
Celtuce (<i>Lactuca sativa</i> var. <i>angustana</i>)	4B
Chervil (<i>Anthriscus cerefolium</i>)	4A
Chrysanthemum, edible-leaved (<i>Chrysanthemum coronarium</i> var. <i>coronarium</i>)	4A
Chrysanthemum, garland (<i>Chrysanthemum coronarium</i> var. <i>spatiosum</i>)	4A
Corn salad (<i>Valerianella locusta</i>)	4A
Cress, garden (<i>Lepidium sativum</i>)	4A
Cress, upland (yellow rocket, winter cress) (<i>Barbarea vulgaris</i>)	4A
Dandelion (<i>Taraxacum officinale</i>)	4A
Dock (sorrel) (<i>Rumex</i> spp.)	4A
Endive (escarole) (<i>Cichorium endivia</i>)	4A
Fennel, Florence (finocchio) (<i>Foeniculum vulgare</i> Azoricum Group)	4B
Lettuce, head and leaf (<i>Lactuca sativa</i>)	4A
Orach (<i>Atriplex hortensis</i>)	4A
Parsley (<i>Petroselinum crispum</i>)	4A
Purslane, garden (<i>Portulaca oleracea</i>)	4A
Purslane, winter (<i>Montia perfoliata</i>)	4A
Radicchio (red chicory) (<i>Cichorium intybus</i>)	4A
Rhubarb (<i>Rheum rhabarbarum</i>)	4B
Spinach (<i>Spinacia oleracea</i>)	4A
Spinach, New Zealand (<i>Tetragonia tetragonioides</i> , <i>T. expansa</i>)	4A
Spinach, vine (Malabar spinach, Indian spinach) (<i>Basella alba</i>)	4A
Swiss chard (<i>Beta vulgaris</i> var. <i>cicla</i>)	4B

(iii) *Table.* The following table 2 identifies the crop subgroups for Crop Group 4, specifies the representative

commodities for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 4 SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 4A. Leafy greens subgroup. Head lettuce and leaf lettuce, and spinach (<i>Spinacia oleracea</i>).	Amaranth; arugula; chervil; chrysanthemum, edible-leaved; chrysanthemum, garland; corn salad; cress, garden; cress, upland; dandelion; dock; endive; lettuce; orach; parsley; purslane, garden; purslane, winter; radicchio (red chicory); spinach; spinach, New Zealand; spinach, vine.
Crop Subgroup 4B. Leaf petioles subgroup. Celery.	Cardoon; celery; celery, Chinese; celtuce; fennel, Florence; rhubarb; Swiss chard.

(6) *Crop Group 5. Brassica (Cole) Leafy Vegetables Group.*

(i) *Representative commodities.* Broccoli or cauliflower; cabbage; and mustard greens.

(ii) *Table.* The following table 1 lists all the commodities included in Crop Group 5 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 5: *Brassica* (COLE) LEAFY VEGETABLES

Commodities	Related crop subgroups
Broccoli (<i>Brassica oleracea</i> var. <i>botrytis</i>)	5A

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TABLE 1—CROP GROUP 5: *Brassica* (COLE) LEAFY VEGETABLES—Continued

Commodities	Related crop subgroups
Broccoli, Chinese (gai lon) (<i>Brassica alboglabra</i>)	5A
Broccoli raab (rapini) (<i>Brassica campestris</i>)	5B
Brussels sprouts (<i>Brassica oleracea</i> var. <i>gemmifera</i>)	5A
Cabbage (<i>Brassica oleracea</i>)	5A
Cabbage, Chinese (bok choy) (<i>Brassica chinensis</i>)	5B
Cabbage, Chinese (napa) (<i>Brassica pekinensis</i>)	5A
Cabbage, Chinese mustard (gai choy) (<i>Brassica campestris</i>)	5A
Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i>)	5A
Cavalo broccolo (<i>Brassica oleracea</i> var. <i>botrytis</i>)	5A
Collards (<i>Brassica oleracea</i> var. <i>acephala</i>)	5B
Kale (<i>Brassica oleracea</i> var. <i>acephala</i>)	5B
Kohlrabi (<i>Brassica oleracea</i> var. <i>gongylodes</i>)	5A
Mizuna (<i>Brassica rapa</i> Japonica Group)	5B
Mustard greens (<i>Brassica juncea</i>)	5B
Mustard spinach (<i>Brassica rapa</i> Perviridis Group)	5B
Rape greens (<i>Brassica napus</i>)	5B

(iii) *Table*. The following table 2 identifies the crop subgroups for Crop Group 5, specifies the representative commodity(ies) for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 5 SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 5A. Head and stem <i>Brassica</i> subgroup Broccoli or cauliflower; and cabbage	Broccoli; broccoli, Chinese; brussels sprouts; cabbage; cabbage, Chinese (napa); cabbage, Chinese mustard; cauliflower; cavalo broccolo; kohlrabi
Crop Subgroup 5B. Leafy <i>Brassica</i> greens subgroup. Mustard greens	Broccoli raab; cabbage, Chinese (bok choy); collards; kale; mizuna; mustard greens; mustard spinach; rape greens

(7) *Crop Group 6.* Legume Vegetables (Succulent or Dried) Group.

(i) *Representative commodities.* Bean (*Phaseolus* spp.; one succulent cultivar and one dried cultivar); pea (*Pisum* spp.;

one succulent cultivar and one dried cultivar); and soybean.

(ii) *Table*. The following table 1 lists all the commodities included in Crop Group 6 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 6: LEGUME VEGETABLES (SUCCULENT OR DRIED)

Commodities	Related crop subgroups
Bean (<i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin)	6C
Bean (<i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)	6A, 6B, 6C
Bean (<i>Vigna</i> spp.) (includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, yardlong bean)	6A, 6B, 6C
Broad bean (fava bean) (<i>Vicia faba</i>)	6B, 6C
Chickpea (garbanzo bean) (<i>Cicer arietinum</i>)	6C
Guar (<i>Cyamopsis tetragonoloba</i>)	6C
Jackbean (<i>Canavalia ensiformis</i>)	6A
Lablab bean (hyacinth bean) (<i>Lablab purpureus</i>)	6C
Lentil (<i>Lens esculenta</i>)	6C
Pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)	6A, 6B, 6C
Pigeon pea (<i>Cajanus cajan</i>)	6A, 6B, 6C
Soybean (<i>Glycine max</i>)	N/A
Soybean (immature seed) (<i>Glycine max</i>)	6A
Sword bean (<i>Canavalia gladiata</i>)	6A

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(iii) *Table.* The following table 2 identifies the crop subgroups for Crop Group 6, specifies the representative commodities for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 6 SUBGROUP LISTING

Representative commodities	Commodities
<p>Crop Subgroup 6A. Edible-podded legume vegetables subgroup. Any one succulent cultivar of edible-podded bean (<i>Phaseolus</i> spp.) and any one succulent cultivar of edible-podded pea (<i>Pisum</i> spp.).</p>	<p>Bean (<i>Phaseolus</i> spp.) (includes runner bean, snap bean, wax bean); bean (<i>Vigna</i> spp.) (includes asparagus bean, Chinese longbean, moth bean, yardlong bean); jackbean; pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-pod pea, snow pea, sugar snap pea); pigeon pea; soybean (immature seed); sword bean.</p>
<p>Crop Subgroup 6B. Succulent shelled pea and bean subgroup. Any succulent shelled cultivar of bean (<i>Phaseolus</i> spp.) and garden pea (<i>Pisum</i> spp.).</p>	<p>Bean (<i>Phaseolus</i> spp.) (includes lima bean (green)); broad bean (succulent); bean (<i>Vigna</i> spp.) (includes blackeyed pea, cowpea, southern pea); pea (<i>Pisum</i> spp.) (includes English pea, garden pea, green pea); pigeon pea.</p>
<p>Crop Subgroup 6C. Dried shelled pea and bean (except soybean) subgroup Any one dried cultivar of bean (<i>Phaseolus</i> spp.); and any one dried cultivar of pea (<i>Pisum</i> spp.).</p>	<p>Dried cultivars of bean (<i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); (<i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean (dry), navy bean, pinto bean; tepary bean; bean (<i>Vigna</i> spp.) (includes adzuki bean, blackeyed pea, catjang, cowpea, Crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean); broad bean (dry); chickpea; guar; lablab bean; lentil; pea (<i>Pisum</i> spp.) (includes field pea); pigeon pea.</p>

(8) *Crop Group 7. Foliage of Legume Vegetables Group.* (ii) *Table.* The following table 1 lists the commodities included in Crop Group 7.
 (i) *Representative commodities.* Any cultivar of bean (*Phaseolus* spp.), field pea (*Pisum* spp.), and soybean.

TABLE 1—CROP GROUP 7: FOLIAGE OF LEGUME VEGETABLES GROUP

Representative commodities	Commodities
Any cultivar of bean (<i>Phaseolus</i> spp.) and field pea (<i>Pisum</i> spp.), and soybean (<i>Glycine max</i>).	Plant parts of any legume vegetable included in the legume vegetables that will be used as animal feed.

(iii) *Table.* The following table 2 identifies the crop subgroup for Crop Group 7 and specifies the representative commodities for the subgroup, and lists all the commodities included in the subgroup.

TABLE 2—CROP GROUP 7 SUBGROUP LISTING

Representative commodities	Commodities
<p>Crop Subgroup 7A. Foliage of legume vegetables (except soybeans) subgroup Any cultivar of bean (<i>Phaseolus</i> spp.), and field pea (<i>Pisum</i> spp.).</p>	<p>Plant parts of any legume vegetable (except soybeans) included in the legume vegetables group that will be used as animal feed.</p>

(9) *Crop Group 8. Fruiting Vegetables Group.* (ii) *Commodities.* The following is a list of all the commodities included in Crop Group 8:
 (i) *Representative commodities.* Tomato, bell pepper, and one cultivar of non-bell pepper.

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**CROP GROUP 8: FRUITING VEGETABLES
(EXCEPT CUCURBITS)—COMMODITIES**

- Eggplant (*Solanum melongena*)
- Groundcherry (*Physalis* spp.)
- Pepino (*Solanum muricatum*)
- Pepper (*Capsicum* spp.) (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper)
- Tomatillo (*Physalis ixocarpa*)
- Tomato (*Lycopersicon esculentum*)

(10) *Crop Group 8–10*. Fruiting Vegetable Group.

(i) *Representative commodities*. Tomato, standard size, and one cultivar of small tomato; bell pepper and one cultivar of small nonbell pepper.

(ii) *Commodities*. The following is a list of all commodities included in the Crop group 8–10.

TABLE 1—CROP GROUP 8–10: FRUITING VEGETABLE GROUP

Commodities	Related crop subgroups
African eggplant, <i>Solanum macrocarpon</i> L	8–10B, 8–10C
Bush tomato, <i>Solanum centrale</i> J.M. Black	8–10A
Cocona, <i>Solanum sessiliflorum</i> Dunal	8–10A
Currant tomato, <i>Lycopersicon pimpinellifolium</i> L	8–10A
Eggplant, <i>Solanum melongena</i> L	8–10B, 8–10C
Garden huckleberry, <i>Solanum scabrum</i> Mill	8–10A
Goji berry, <i>Lycium barbarum</i> L	8–10A
Groundcherry, <i>Physalis alkekengi</i> L., <i>P. grisea</i> (Waterf.) M. Martinez, <i>P. peruviana</i> L., <i>P. pubescens</i> L ..	8–10A
Martynia, <i>Proboscidea louisianica</i> (Mill.) Thell	8–10B, 8–10C
Naranjilla, <i>Solanum quitoense</i> Lam	8–10A
Okra, <i>Abelmoschus esculentus</i> (L.) Moench	8–10B, 8–10C
Pea eggplant, <i>Solanum torvum</i> Sw.	8–10B, 8–10C
Pepino, <i>Solanum muricatum</i> Aiton	8–10B, 8–10C
Pepper, bell, <i>Capsicum annuum</i> L. var. <i>annuum</i> , <i>Capsicum</i> spp	8–10B
Pepper, nonbell, <i>Capsicum chinese</i> Jacq., <i>C. annuum</i> L. var. <i>annuum</i> , <i>C. frutescens</i> L., <i>C. baccatum</i> L., <i>C. pubescens</i> Ruiz & Pav., <i>Capsicum</i> spp.	8–10B, 8–10C
Roselle, <i>Hibiscus sabdariffa</i> L	8–10B, 8–10C
Scarlet eggplant, <i>Solanum aethiopicum</i> L	8–10B, 8–10C
Sunberry, <i>Solanum retroflexum</i> Dunal	8–10A
Tomatillo, <i>Physalis philadelphica</i> Lam	8–10A
Tomato, <i>Solanum lycopersicum</i> L., <i>Solanum lycopersicum</i> L. var. <i>lycopersicum</i>	8–10A
Tree tomato, <i>Solanum betaceum</i> Cav	8–10A
Cultivars, varieties and/or hybrids of these	

(iii) *Table*. The following Table 2 identifies the crop subgroups for Crop Group 8–10, specifies the representative

commodities for each subgroup and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 8–10. SUBGROUP LISTING

Representative commodities	Commodities
Crop subgroup 8–10A. Tomato subgroup Tomato, standard size, and one cultivar of small tomato	Bush tomato; cocona; currant tomato; garden huckleberry; goji berry; groundcherry; naranjilla; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these.
Crop subgroup 8–10B. Pepper/Eggplant subgroup Bell pepper and one cultivar of small nonbell pepper	African eggplant; bell pepper; eggplant; Martynia; nonbell pepper; okra; pea eggplant; pepino; roselle; scarlet eggplant; cultivars, varieties, and/or hybrids of these.
Crop subgroup 8–10C. Nonbell pepper/Eggplant subgroup One cultivar of small nonbell pepper or one cultivar of small eggplant.	African eggplant; eggplant; martynia; nonbell pepper; okra; pea eggplant; pepino; roselle; scarlet eggplant; cultivars, varieties, and/or hybrids of these.

(11) *Crop Group 9*. Cucurbit Vegetables Group.

(i) *Representative commodities*. Cucurbit, muskmelon, and summer squash.

(ii) *Table*. The following table 1 lists all the commodities included in Crop Group 9 and identifies the related subgroups.

TABLE 1—CROP GROUP 9: CUCURBIT VEGETABLES

Commodities	Related crop subgroups
Chayote (fruit) (<i>Sechium edule</i>)	9B
Chinese waxgourd (Chinese preserving melon) (<i>Benincasa hispida</i>)	9B
Citron melon (<i>Citrullus lanatus</i> var. <i>citroides</i>)	9A
Cucumber (<i>Cucumis sativus</i>)	9B
Gherkin (<i>Cucumis anguria</i>)	9B
Gourd, edible (<i>Lagenaria</i> spp.) (includes hyotan, cucuzza); (<i>Luffa acutangula</i> , <i>L. cylindrica</i>) (includes hechima, Chinese okra)	9B
<i>Momordica</i> spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber)	9B
Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i>) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon)	9A
Pumpkin (<i>Cucurbita</i> spp.)	9B
Squash, summer (<i>Cucurbita pepo</i> var. <i>melopepo</i>) (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini)	9B
Squash, winter (<i>Cucurbita maxima</i> ; <i>C. moschata</i>) (includes butternut squash, calabaza, hubbard squash); (<i>C. mixta</i> ; <i>C. pepo</i>) (includes acorn squash, spaghetti squash)	9B
Watermelon (includes hybrids and/or varieties of <i>Citrullus lanatus</i>)	9A

(iii) *Table.* The following table 2 identifies the crop subgroups for Crop Group 9, specifies the representative commodities for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 9 SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 9A. Melon subgroup Cantaloupes	Citron melon; muskmelon; watermelon
Crop Subgroup 9B. Squash/cucumber subgroup One cultivar of summer squash and cucumber.	Chayote (fruit); Chinese waxgourd; cucumber; gherkin; gourd, edible; <i>Momordica</i> spp.; pumpkin; squash, summer; squash, winter.

(12) *Crop Group 10.* Citrus Fruit Group.

(i) *Representative commodities.* Sweet orange; lemon and grapefruit.

(ii) *Commodities.* The following is a list of all the commodities in Crop Group 10:

CROP GROUP 10: CITRUS FRUITS (CITRUS SPP., FORTUNELLA SPP.) GROUP—COMMODITIES

Calamondin (*Citrus mitis*×*Citrofortunella mitis*)
Citrus citron (*Citrus medica*)
Citrus hybrids (*Citrus* spp.) (includes chironja, tangelo, tangor)
Grapefruit (*Citrus paradisi*)
Kumquat (*Fortunella* spp.)

Lemon (*Citrus jambhiri*, *Citrus limon*)
Lime (*Citrus aurantiifolia*)
Mandarin (tangerine) (*Citrus reticulata*)
Orange, sour (*Citrus aurantium*)
Orange, sweet (*Citrus sinensis*)
Pummelo (*Citrus grandis*, *Citrus maxima*)
Satsuma mandarin (*Citrus unshiu*)

(13) *Crop Group 10–10.* Citrus Fruit Group.

(i) *Representative commodities.* Orange or Tangerine/Mandarin, Lemon or Lime, and Grapefruit.

(ii) *Commodities.* The following is a list of all the commodities in Crop Group 10–10.

TABLE 1—CROP GROUP 10–10: CITRUS FRUIT GROUP

Commodities	Related crop subgroups
Australian desert lime, <i>Eremocitrus glauca</i> (Lindl.) Swingle	10–10B
Australian finger lime, <i>Microcitrus australasica</i> (F. Muell.) Swingle	10–10B
Australian round lime, <i>Microcitrus australis</i> (A. Cunn. Ex Mudie) Swingle	10–10B
Brown River finger lime, <i>Microcitrus papuana</i> Winters	10–10B
Calamondin, <i>Citrofortunella microcarpa</i> (Bunge) Wijnands	10–10A
Citron, <i>Citrus medica</i> L	10–10A
Citrus hybrids, <i>Citrus</i> spp., <i>Eremocitrus</i> spp., <i>Fortunella</i> spp., <i>Microcitrus</i> spp., and <i>Poncirus</i> spp	10–10A

TABLE 1—CROP GROUP 10–10: CITRUS FRUIT GROUP—Continued

Commodities	Related crop sub-groups
Grapefruit, <i>Citrus paradisi</i> Macfad	10–10C
Japanese summer grapefruit, <i>Citrus natsudaikai</i> Hayata	10–10C
Kumquat, <i>Fortunella</i> spp	10–10B
Lemon, <i>Citrus limon</i> (L.) Burm. f	10–10B
Lime, <i>Citrus aurantiifolia</i> (Christm.) Swingle	10–10B
Mediterranean mandarin, <i>Citrus deliciosa</i> Ten	10–10A
Mount White lime, <i>Microcitrus garrowayae</i> (F.M. Bailey) Swingle	10–10B
New Guinea wild lime, <i>Microcitrus warburgiana</i> (F.M. Bailey) Tanaka	10–10B
Orange, sour, <i>Citrus aurantium</i> L	10–10A
Orange, sweet, <i>Citrus sinensis</i> (L.) Osbeck	10–10A
Pummelo, <i>Citrus maxima</i> (Burm.) Merr	10–10C
Russell River lime, <i>Microcitrus inodora</i> (F.M. Bailey) Swingle	10–10B
Satsuma mandarin, <i>Citrus unshiu</i> Marcow	10–10A
Sweet lime, <i>Citrus limetta</i> Risso	10–10B
Tachibana orange, <i>Citrus tachibana</i> (Makino) Tanaka	10–10A
Tahiti lime, <i>Citrus latifolia</i> (Yu. Tanaka) Tanaka	10–10B
Tangelo, <i>Citrus xtangelo</i> J.W. Ingram & H.E. Moore	10–10A, 10–10C
Tangerine (Mandarin), <i>Citrus reticulata</i> Blanco	10–10A
Tangor, <i>Citrus nobilis</i> Lour	10–10A
Trifoliolate orange, <i>Poncirus trifoliata</i> (L.) Raf	10–10A
Uniq fruit, <i>Citrus aurantium</i> Tangelo group	10–10C
Cultivars, varieties and/or hybrids of these.	

(iii) Table. The following Table 2 identifies the crop subgroups for Crop Group 10–10, specifies the representa-

tive commodities for each subgroup and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 10–10: SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 10–10A. Orange subgroup Orange or tangerine/mandarin	Calamondin; citron; citrus hybrids; mediterranean mandarin; orange, sour; orange, sweet; satsuma mandarin; tachibana orange; tangerine (mandarin); tangelo; tangor; trifoliolate orange; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 10–10B. Lemon/Lime subgroup Lemon or lime	Australian desert lime; Australian finger lime; Australian round lime; brown river finger lime; kumquat; lemon; lime; mount white lime; New Guinea wild lime; Russell River lime; sweet lime; Tahiti lime; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 10–10C. Grapefruit subgroup Grapefruit	Grapefruit; Japanese summer grapefruit; pummelo; tangelo; uniq fruit; cultivars, varieties, and/or hybrids of these.

(14) Crop Group 11: Pome Fruits Group.

(i) Representative commodities. Apple and pear.

(ii) Commodities. The following is a list of all the commodities included in Crop Group 11:

CROP GROUP 11: POME FRUITS GROUP—
COMMODITIES

- Apple (*Malus domestica*)
- Crabapple (*Malus* spp.)
- Loquat (*Eriobotrya japonica*)
- Mayhaw (*Crataegus aestivalis*, *C. opaca*, and *C. rufula*)
- Pear (*Pyrus communis*)

- Pear, oriental (*Pyrus pyrifolia*)
- Quince (*Cydonia oblonga*)

(15) Crop group 11–10. Pome Fruit Group.

(i) Representative commodities. Apple and Pear

(ii) Commodities. The following is a list of all the commodities in Crop Group 11–10.

CROP GROUP 11–10: POME FRUIT GROUP—
COMMODITIES

- Apple, *Malus domestica* Borkh.
- Azarole, *Crataegus azarolus* L.
- Crabapple, *Malus sylvestris* (L.) Mill., *M. prunifolia* (Willd.) Borkh.

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Loquat, *Eriobotrya japonica* (Thunb.) Lindl.
 Mayhaw, *Crataegus aestivalis* (Walter) Torr. & A. Gray, *C. opaca*
 Hook. & Arn., and *C. rufula* Sarg.
 Medlar, *Mespilus germanica* L.
 Pear, *Pyrus communis* L.
 Pear, Asian, *Pyrus pyrifolia* (Burm. f.) Nakai var. *culta* (Makino) Nakai
Pseudocydonia sinensis (Thouin) C.K. Schneid.
 Quince, *Cydonia oblonga* Mill.
 Quince, Chinese, *Chaenomeles speciosa* (Sweet) Nakai,
 Quince, Japanese, *Chaenomeles japonica* (Thunb.) Lindl. ex Spach
 Tejocote, *Crataegus mexicana* DC.
 Cultivars, varieties and/or hybrids of these.

CROP GROUP 12: STONE FRUITS GROUP—
 COMMODITIES

Apricot (*Prunus armeniaca*)
 Cherry, sweet (*Prunus avium*),
 Cherry, tart (*Prunus cerasus*)
 Nectarine (*Prunus persica*)
 Peach (*Prunus persica*)
 Plum (*Prunus domestica*, *Prunus* spp.)
 Plum, Chickasaw (*Prunus angustifolia*)
 Plum, Damson (*Prunus domestica* spp. *insititia*)
 Plum, Japanese (*Prunus salicina*)
 Plumcot (*Prunus. armeniaca*×*P. domestica*)
 Prune (fresh) (*Prunus domestica*, *Prunus* spp.)

(16) *Crop Group 12. Stone Fruits Group.*

(i) *Representative commodities.* Sweet cherry or tart cherry; peach; and plum or fresh prune (*Prunus domestica*, *Prunus* spp.)

(ii) *Commodities.* The following is a list of all the commodities included in Crop Group 12:

(17) *Crop Group 13. Berries Group.*

(i) *Representative commodities.* Any one blackberry or any one raspberry; and blueberry.

(ii) *Table.* The following table 1 lists all the commodities included in Crop Group 13 and identifies the related subgroups.

TABLE 1—CROP GROUP 13: BERRIES GROUP

Commodities	Related crop subgroups
Blackberry (<i>Rubus eubatus</i>) (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)	13A
Blueberry (<i>Vaccinium</i> spp.)	13B
Currant (<i>Ribes</i> spp.)	13B
Elderberry (<i>Sambucus</i> spp.)	13B
Gooseberry (<i>Ribes</i> spp.)	13B
Huckleberry (<i>Gaylussacia</i> spp.)	13B
Loganberry (<i>Rubus loganobaccus</i>)	13A
Raspberry, black and red (<i>Rubus occidentalis</i> , <i>Rubus strigosus</i> , <i>Rubus idaeus</i>)	13A

(iii) *Table.* The following table 2 identifies the crop subgroups for Crop Group 13, specifies the representative

commodities for each subgroup, and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 13 SUBGROUPS LISTING

Representative commodities	Commodities
Crop Subgroup 13A. Caneberry (blackberry and raspberry) subgroup. Any one blackberry or any one raspberry.	Blackberry; loganberry; red and black raspberry; cultivars and/or hybrids of these.
Crop Subgroup 13B. Bushberry subgroup. Blueberry, highbush.	Blueberry, highbush and lowbush; currant; elderberry; gooseberry; huckleberry.

(18) *Crop Group 13-07. Berry and Small Fruit Crop Group*

(i) *Representative commodities.* Any one blackberry or any one raspberry; highbush blueberry; elderberry or mul-

berry; grape; fuzzy kiwifruit, and strawberry.

(ii) *Table.* The following Table 1 lists all the commodities listed in Crop

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Group 13-07 and identifies the related crop subgroups.

TABLE 1—CROP GROUP 13-07: BERRY AND SMALL FRUIT CROP GROUP

Commodities	Related crop subgroups
Amur river grape (<i>Vitis amurensis</i> Rupr)	13-07D, 13-07E, 13-07F
Aronia berry (<i>Aronia</i> spp.)	13-07B
Bayberry (<i>Myrica</i> spp.)	13-07C
Bearberry (<i>Arctostaphylos uva-ursi</i>)	13-07G, 13-07H
Bilberry (<i>Vaccinium myrtillus</i> L.)	13-07G, 13-07H
Blackberry (<i>Rubus</i> spp.) (including Andean blackberry, arctic blackberry, bingleberry, black satin berry, boysenberry, brombeere, California blackberry, Chesterberry, Cherokee blackberry, Cheyenne blackberry, common blackberry, coryberry, darrowberry, dewberry, Dirksen thornless berry, evergreen blackberry, Himalayaberry, hullberry, lavacaberry, loganberry, lowberry, Lucretiaberry, mammoth blackberry, marionberry, mora, mures deronce, nectarberry, Northern dewberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, Southern dewberry, tayberry, youngberry, zarzamora, and cultivars, varieties and/or hybrids of these.)	13-07A
Blueberry, highbush (<i>Vaccinium</i> spp.)	13-07B
Blueberry, lowbush (<i>Vaccinium angustifolium</i> Aiton)	13-07B
Buffalo currant (<i>Ribes aureum</i> Pursh)	13-07B
Buffaloberry (<i>Shepherdia argentea</i> (Pursh) Nutt.)	13-07C
Che (<i>Cudrania tricuspidata</i> Bur. Ex Lavallee)	13-07C
Chilean guava (<i>Myrtus ugni</i> Mol.)	13-07B
Chokecherry (<i>Prunus virginiana</i> L.)	13-07C
Cloudberry (<i>Rubus chamaemorus</i> L.)	13-07G, 13-07H
Cranberry (<i>Vaccinium macrocarpon</i> Aiton)	13-07G, 13-07H
Currant, black (<i>Ribes nigrum</i> L.)	13-07B
Currant, red (<i>Ribes rubrum</i> L.)	13-07B
Elderberry (<i>Sambucus</i> spp.)	13-07B, 13-07C
European barberry (<i>Berberis vulgaris</i> L.)	13-07B
Gooseberry (<i>Ribes</i> spp.)	13-07B, 13-07D, 13-07E, 13-07F
Grape (<i>Vitis</i> spp.)	13-07D, 13-07F
Highbush cranberry (<i>Viburnum opulus</i> L. var. <i>Americanum</i> Aiton)	13-07B
Honeysuckle, edible (<i>Lonicera caerulea</i> L. var. <i>emphylocalyx</i> Nakai, <i>Lonicera caerulea</i> L var . <i>edulis</i> Turcz. ex herder)	13-07B
Huckleberry (<i>Gaylussacia</i> spp.)	13-07B
Jostaberry (<i>Ribes x nidigrolaria</i> Rud. Bauer and A. Bauer)	13-07B
Juneberry (Saskatoon berry) (<i>Amelanchier</i> spp.)	13-07B, 13-07C
Kiwifruit, fuzzy (<i>Actinidia deliciosa</i> A. Chev.) (C.F. Liang and A.R. Fergusons, <i>Actinida chinensis</i> Planch.)	13-07D, 13-07E
Kiwifruit, hardy (<i>Actinidia arguta</i> (Siebold and Zucc.) Planch. ex Miq)	13-07D, 13-07E, 13-07F
Lingonberry (<i>Vaccinium vitis-idaea</i> L.)	13-07B, 13-07G 13-07H
Maypop (<i>Passiflora incarnata</i> L.)	13-07E, 13-07F
Mountain pepper berries (<i>Tasmannia lanceolata</i>)(Poir.) A.C.Sm.	13-07C
Mulberry (<i>Morus</i> spp.)	13-07C
Muntries (<i>Kunzea pomifera</i> F. Muell.)	13-07G, 13-07H
Native currant (<i>Acrotriche depressa</i> R. BR.)	13-07B
Partridgeberry (<i>Mitchella repens</i> L.)	13-07G, 13-07H
Phalsa (<i>Grewia subinaequalis</i> DC.)	13-07C
Pincherry (<i>Prunus pensylvanica</i> L.f.)	13-07C
Raspberry, black and red (<i>Rubus</i> spp.)	13-07A
Riberry (<i>Syzygium luehmannii</i>)	13-07C
Salal (<i>Gaultheria shallon</i> Pursh.)	13-07B, 13-07C
Schisandra berry (Schisandra chinensis (Turcz.) Baill.)	13-07D, 13-07E, 13-07F
Sea buckthorn (<i>Hippophae rhamnoides</i> L.)	13-07B
Serviceberry (<i>Sorbus</i> spp.)	13-07C
Strawberry (<i>Fragaria x ananassa</i> Duchesne)	13-07G
Wild raspberry (<i>Rubus muelleri</i> Lefevre ex P.J. Mull)	13-07A
Cultivars, varieties, and/or hybrids of these.	

(iii) Table. The following Table 2 identifies the crop subgroups for Crop Group 13-07, specifies the representa-

tive commodities for each subgroup and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 13-07: SUBGROUP LISTING

Representative commodities	Commodities
Crop Subgroup 13-07A. Caneberry subgroup Any one blackberry or any one raspberry..	Blackberry; loganberry; raspberry, red and black; wild raspberry; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 13-07B. Bushberry subgroup. Blueberry, highbush.	Aronia berry; blueberry, highbush; blueberry, lowbush; buffalo currant; Chilean guava; currant, black; currant, red; elderberry; European, barberry; gooseberry; cranberry, highbush; honeysuckle, edible; huckleberry; jostaberry; Juneberry; lingonberry; native currant; salal; sea buckthorn; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 13-07C. Large shrub/tree berry subgroup. Elderberry or mulberry.	Bayberry; buffaloberry; che; chokecherry; elderberry; Juneberry; mountain pepper berries; mulberry; phalsa; pincherry; riberry; salal; serviceberry; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 13-07D. Small fruit vine climbing subgroup. Grape and fuzzy kiwifruit.	Amur river grape; gooseberry; grape; kiwifruit, fuzzy; kiwifruit, hardy; Maypop; schisandra berry; cultivars, varieties, and /or hybrids of these.
Crop Subgroup 13-07E. Small fruit vine climbing subgroup, except grape. Fuzzy kiwifruit.	Amur river grape; gooseberry; kiwifruit, fuzzy; kiwifruit, hardy; Maypop; schisandra berry; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 13-07F. Small fruit vine climbing subgroup except fuzzy kiwifruit. Grape.	Amur river grape; gooseberry; grape; kiwifruit, hardy; Maypop; schisandra berry; cultivars varieties, and/or hybrids of these.
Crop Subgroup 13-07G. Low growing berry subgroup. Strawberry.	Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these.
Crop Subgroup 13-07H. Low growing berry subgroup, except strawberry. Cranberry.	Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; cultivars, varieties, and/or cultivars of these.

(19) *Crop Group 14. Tree Nuts Group.*
 (i) *Representative commodities.* Almond and pecan.
 (ii) *Commodities.* The following is a list of all the commodities included in Crop Group 14:

- CROP GROUP 14: TREE NUTS—COMMODITIES
- Almond (*Prunus dulcis*)
 - Beech nut (*Fagus* spp.)
 - Brazil nut (*Bertholletia excelsa*)
 - Butternut (*Juglans cinerea*)
 - Cashew (*Anacardium occidentale*)
 - Chestnut (*Castanea* spp.)
 - Chinquapin (*Castanea pumila*)
 - Filbert (hazelnut) (*Corylus* spp.)
 - Hickory nut (*Carya* spp.)
 - Macadamia nut (bush nut) (*Macadamia* spp.)
 - Pecan (*Carya illinoensis*)
 - Walnut, black and English (Persian) (*Juglans* spp.)

(20) *Crop Group 15. Cereal Grains Group.*
 (i) *Representative commodities.* Corn (fresh sweet corn and dried field corn), rice, sorghum, and wheat.

(ii) *Commodities.* The following is a list of all the commodities included in Crop Group 15:

- CROP GROUP 15: CEREAL GRAINS—COMMODITIES
- Barley (*Hordeum* spp.)
 - Buckwheat (*Fagopyrum esculentum*)
 - Corn (*Zea mays*)
 - Millet, pearl (*Pennisetum glaucum*)
 - Millet, proso (*Panicum milliaceum*)
 - Oats (*Avena* spp.)
 - Popcorn (*Zea mays* var. *evarta*)
 - Rice (*Oryza sativa*)
 - Rye (*Secale cereale*)
 - Sorghum (milo) (*Sorghum* spp.)
 - Teosinte (*Euchlaena mexicana*)
 - Triticale (*Triticum-Secale* hybrids)
 - Wheat (*Triticum* spp.)
 - Wild rice (*Zizania aquatica*)

(21) *Crop Group 16. Forage, Fodder and Straw of Cereal Grains Group.*
 (i) *Representative commodities.* Corn, wheat, and any other cereal grain crop.
 (ii) *Commodities.* The commodities included in Crop Group 16 are: Forage, fodder, and straw of all commodities

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included in the group cereal grains group.

(22) *Crop Group 17*. Grass Forage, Fodder, and Hay Group.

(i) *Representative commodities*. Bermuda grass; bluegrass; and bromegrass or fescue.

(ii) *Commodities*. The commodities included in Crop Group 17 are: Any grass, *Gramineae* family (either green or cured) except sugarcane and those included in the cereal grains group, that will be fed to or grazed by livestock, all pasture and range grasses and grasses grown for hay or silage.

(23) *Crop Group 18*. Nongrass Animal Feeds (Forage, Fodder, Straw, and Hay) Group.

(i) *Representative commodities*. Alfalfa and clover (*Trifolium* spp.)

(ii) *Commodities*. The following is a list of all the commodities included in Crop Group 18:

CROP GROUP 18: NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW, AND HAY) GROUP—COMMODITIES

- Alfalfa (*Medicago sativa* subsp. *sativa*)
- Bean, velvet (*Mucuna pruriens* var. *utilis*)
- Clover (*Trifolium* spp., *Melilotus* spp.)
- Kudzu (*Pueraria lobata*)
- Lespedeza (*Lespedeza* spp.)
- Lupin (*Lupinus* spp.)
- Sainfoin (*Onobrychis viciifolia*);
- Trefoil (*Lotus* spp.)
- Vetch (*Vicia* spp.)
- Vetch, crown (*Coronilla varia*)
- Vetch, milk (*Astragalus* spp.)

(24) *Crop Group 19*. Herbs and Spices Group.

(i) *Representative commodities*. Basil (fresh and dried); black pepper; chive; and celery seed or dill seed.

(ii) *Table*. The following table 1 lists all the commodities included in Crop Group 19 and identifies the related subgroups.

TABLE 1—CROP GROUP 19: HERBS AND SPICES GROUP

Commodities	Related crop sub-groups
Allspice (<i>Pimenta dioica</i>)	19B
Angelica (<i>Angelica archangelica</i>)	19A
Anise (anise seed) (<i>Pimpinella anisum</i>)	19B
Anise, star (<i>Illicium verum</i>)	19B
Annatto (seed)	19B
Balm (lemon balm) (<i>Melissa officinalis</i>)	19A
Basil (<i>Ocimum basilicum</i>)	19A
Borage (<i>Borago officinalis</i>)	19A

TABLE 1—CROP GROUP 19: HERBS AND SPICES GROUP—Continued

Commodities	Related crop sub-groups
Burnet (<i>Sanguisorba minor</i>)	19A
Camomile (<i>Anthemis nobilis</i>)	19A
Caper buds (<i>Capparis spinosa</i>)	19B
Caraway (<i>Carum carvi</i>)	19B
Caraway, black (<i>Nigella sativa</i>)	19B
Cardamom (<i>Elettaria cardamomum</i>)	19B
Cassia bark (<i>Cinnamomum aromaticum</i>)	19B
Cassia buds (<i>Cinnamomum aromaticum</i>)	19B
Catnip (<i>Nepeta cataria</i>)	19A
Celery seed (<i>Apicum graveolens</i>)	19B
Chervil (dried) (<i>Anthriscus cerefolium</i>)	19A
Chive (<i>Allium schoenoprasum</i>)	19A
Chive, Chinese (<i>Allium tuberosum</i>)	19A
Cinnamon (<i>Cinnamomum verum</i>)	19B
Clary (<i>Salvia sclarea</i>)	19A
Clove buds (<i>Eugenia caryophyllata</i>)	19B
Coriander (cilantro or Chinese parsley) (leaf) (<i>Coriandrum sativum</i>)	19A
Coriander (cilantro) (seed) (<i>Coriandrum sativum</i>)	19B
Costmary (<i>Chrysanthemum balsamita</i>)	19A
Culantro (leaf) (<i>Eryngium foetidum</i>)	19A
Culantro (seed) (<i>Eryngium foetidum</i>)	19B
Cumin (<i>Cuminum cyminum</i>)	19B
Curry (leaf) (<i>Murraya koenigii</i>)	19A
Dill (dillweed) (<i>Anethum graveolens</i>)	19A
Dill (seed) (<i>Anethum graveolens</i>)	19B
Fennel (common) (<i>Foeniculum vulgare</i>)	19B
Fennel, Florence (seed) (<i>Foeniculum vulgare</i> Azoricum Group)	19B
Fenugreek (<i>Trigonella foenumgraecum</i>)	19B
Grains of paradise (<i>Aframomum melegueta</i>)	19B
Horehound (<i>Marrubium vulgare</i>)	19A
Hyssop (<i>Hyssopus officinalis</i>)	19A
Juniper berry (<i>Juniperus communis</i>)	19B
Lavender (<i>Lavandula officinalis</i>)	19A
Lemongrass (<i>Cymbopogon citratus</i>)	19A
Lovage (leaf) (<i>Levisticum officinale</i>)	19A
Lovage (seed) (<i>Levisticum officinale</i>)	19B
Mace (<i>Myristica fragrans</i>)	19B
Marigold (<i>Calendula officinalis</i>)	19A
Marjoram (<i>Origanum</i> spp.) (includes sweet or annual marjoram, wild marjoram or oregano, and pot marjoram)	19A
Mustard (seed) (<i>Brassica juncea</i> , <i>B. hirta</i> , <i>B. nigra</i>)	19B
Nasturtium (<i>Tropaeolum majus</i>)	19A
Nutmeg (<i>Myristica fragrans</i>)	19B
Parsley (dried) (<i>Petroselinum crispum</i>)	19A
Pennyroyal (<i>Mentha pulegium</i>)	19A
Pepper, black (<i>Piper nigrum</i>)	19B
Pepper, white	19B
Poppy (seed) (<i>Papaver somniferum</i>)	19B
Rosemary (<i>Rosemarinus officinalis</i>)	19A
Rue (<i>Ruta graveolens</i>)	19A
Saffron (<i>Crocus sativus</i>)	19B
Sage (<i>Salvia officinalis</i>)	19A
Savory, summer and winter (<i>Satureja</i> spp.)	19A
Sweet bay (bay leaf) (<i>Laurus nobilis</i>)	19A
Tansy (<i>Tanacetum vulgare</i>)	19A
Tarragon (<i>Artemisia dracunculus</i>)	19A
Thyme (<i>Thymus</i> spp.)	19A
Vanilla (<i>Vanilla planifolia</i>)	19B
Wintergreen (<i>Gaultheria procumbens</i>)	19A
Woodruff (<i>Galium odorata</i>)	19A
Wormwood (<i>Artemisia absinthium</i>)	19A

(iii) *Table*. The following table 2 identifies the crop subgroups for Crop

Group 19, specifies the representative lists all the commodities included in commodities for each subgroup, and each subgroup.

TABLE 2—CROP GROUP 19 SUBGROUPS

Representative commodities	Commodities
<p>Crop Subgroup 19A. Herb subgroup. Basil (fresh and dried) and chive.</p>	<p>Angelica; balm; basil; borage; burnet; camomile; catnip; chervil (dried); chive; chive, Chinese, clary; coriander (leaf); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram (<i>Origanum</i> spp.); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; and wormwood.</p>
<p>Crop Subgroup 19B. Spice subgroup. Black pepper; and celery seed or dill seed.</p>	<p>Allspice; anise (seed); anise, star; annatto (seed); caper (buds); caraway; caraway, black; cardamom; cassia (buds); celery (seed); cinnamon; clove (buds); coriander (seed); culantro (seed); cumin; dill (seed); fennel, common; fennel, Florence (seed); fenugreek; grains of paradise; juniper (berry); lovage (seed); mace; mustard (seed); nutmeg; pepper, black; pepper, white; poppy (seed); saffron; and vanilla.</p>

(25) *Crop Group 20.* Oilseed Group.
(i) *Representative commodities.*
Rapeseed (canola varieties only); sunflower, seed and cottonseed.

(ii) *Table.* The following Table 1 lists all the commodities listed in Crop Group 20 and identifies the related crop subgroups and includes cultivars and/or varieties of these commodities.

TABLE 1—CROP GROUP 20: OILSEED GROUP

Commodities	Related crop subgroups
Borage, <i>Borago officinalis</i> L	20A
Calendula, <i>Calendula officinalis</i> L	20B
Castor oil plant, <i>Ricinus communis</i> L	20B
Chinese tallowtree, <i>Triadica sebifera</i> (L.) Small	20B
Cottonseed, <i>Gossypium hirsutum</i> L. <i>Gossypium</i> spp	20C
Crambe, <i>Crambe hispanica</i> L.; <i>C. abyssinica</i> Hochst. ex R.E. Fr	20A
Cuphea, <i>Cuphea hyssopifolia</i> Kunth	20A
Echium, <i>Echium plantagineum</i> L	20A
Euphorbia, <i>Euphorbia esula</i> L	20B
Evening primrose, <i>Oenothera biennis</i> L	20B
Flax seed, <i>Linum usitatissimum</i> L	20A
Gold of pleasure, <i>Camelina sativa</i> (L.) Crantz	20A
Hare's ear mustard, <i>Conringia orientalis</i> (L.) Dumort	20A
Jojoba, <i>Simmondsia chinensis</i> (Link) C.K. Schneid	20B
Lesquerella, <i>Lesquerella recurvata</i> (Engelm. ex A. Gray) S. Watson	20A
Lunaria, <i>Lunaria annua</i> L	20A
Meadowfoam, <i>Limnanthes alba</i> Hartw. ex Benth	20A
Milkweed, <i>Asclepias</i> spp	20A
Mustard seed, <i>Brassica hirta</i> Moench, <i>Sinapis alba</i> L. subsp. <i>Alba</i>	20A
Niger seed, <i>Guizotia abyssinica</i> (L.f.) Cass	20B
Oil radish, <i>Raphanus sativus</i> L. var. <i>oleiformis</i> Pers	20A
Poppy seed, <i>Papaver somniferum</i> L. subsp. <i>Somniferum</i>	20A
Rapeseed, <i>Brassica</i> spp.; <i>B. napus</i> L	20A
Rose hip, <i>Rosa rubiginosa</i> L	20B
Safflower, <i>Carthamus tinctorious</i> L	20B
Sesame, <i>Sesamum indicum</i> L., <i>S. radiatum</i> Schumach. & honn	20A
Stokes aster, <i>Stokesia laevis</i> (Hill) Greene	20B
Sunflower, <i>Helianthus annuus</i> L	20B
Sweet rocket, <i>Hesperis matronalis</i> L	20A
Tallowwood, <i>Ximenia americana</i> L	20B
Tea oil plant, <i>Camellia oleifera</i> C. Abel	20B
Vernonia, <i>Vernonia galamensis</i> (Cass.) Less	20B
Cultivars, varieties, and/or hybrids of these.	

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(iii) *Table.* The following Table 2 identifies the crop subgroups for Crop Group 20, specifies the representative commodities for each subgroup and lists all the commodities included in each subgroup.

TABLE 2—CROP GROUP 20: SUBGROUP LISTING

Representative commodities	Commodities
Crop subgroup 20A. Rapeseed subgroup Rapeseed, canola varieties only	Borage; crambe; cuphea; echium; flax seed; gold of pleasure; hare's ear mustard; lesquerella; lunaria; meadowfoam; milkweed; mustard seed; oil radish; poppy seed; rapeseed; sesame; sweet rocket cultivars, varieties, and/or hybrids of these.
Crop subgroup 20B. Sunflower subgroup Sunflower, seed	Calendula; castor oil plant; chinese tallowtree; euphorbia; evening primrose; jojoba; niger seed; rose hip; safflower; stokes aster; sunflower; tallowwood; tea oil plant; vernonia; cultivars, varieties, and/or hybrids of these.
Crop subgroup 20C. Cottonseed subgroup Cottonseed	Cottonseed; cultivars, varieties, and/or hybrids of these.

(26) *Crop Group 21.* Edible fungi Group.

(i) *Representative commodities.* White button mushroom and any one oyster mushroom or any Shiitake mushroom.

(ii) *Table.* The following is a list of all the commodities in Crop Group 21. There are no related subgroups.

**CROP GROUP 21—EDIBLE FUNGI GROUP—
COMMODITIES**

- Blewitt (*Lepista nuda*)
- Bunashimeji (*Hypsizygus marmoratus*)
- Chinese mushroom (*Volvariella volvacea*) (Bull.) Singer
- Enoki (*Fiammullina velutipes*) (Curt.) Singer
- Hime-Matsutake (*Agaricus blazei*) Murill
- Hirmeola (*Auricularia auricular*)
- Maitake (*Grifola frondosa*)
- Morel (*Morchella* spp.)
- Nameko (*Pholiota nameko*)
- Net Bearing (*Dictyophora*)
- Oyster mushroom (*Pleurotus* spp.)
- Pom Pom (*Hericium erinaceus*)
- Reishi mushroom (*Ganoderma lucidum* (Leyss. Fr.) Karst.)
- Rodman's agaricus (*Agaricus bitorquis*) (Quel.) Saccardo
- Shiitake mushroom (*Lentinula edodes* (Berk.) Pegl.)
- Shimeji (*Tricholoma conglobatum*)
- Stropharia (*Stropharia* spp.)
- Truffle (*Tuber* spp.)
- White button mushroom (*Agaricus bisporus* (Lange) Imbach)
- White Jelly Fungi (*Tremella fuciformis*)

[60 FR 26635, May 17, 1995, as amended at 72 FR 69156, 69157, Dec. 7, 2007; 73 FR 52, Jan. 2, 2008; 75 FR 76289, Dec. 8, 2010]

Subpart C—Specific Tolerances

EDITORIAL NOTE: Nomenclature changes to subpart C appear at 67 FR 41803–41808, June 19, 2002; 67 FR 42393–42397, June 21, 2002; 68 FR 39430–39435, July 1, 2003; 71 FR 74804–74812, Dec. 13, 2006; 72 FR 53137–53151, Sept. 18, 2007;

72 FR 61536, Oct. 31, 2007; 73 FR 60155–60157, Oct. 10, 2008; 75 FR 56014, Sept. 15, 2010; and 76 FR 34885, June 15, 2011.

§ 180.101 Specific tolerances; general provisions.

(a) The tolerances established for pesticide chemicals in this subpart C apply to residues resulting from their application prior to harvest or slaughter, unless otherwise stated. Tolerances are expressed in terms of parts by weight of the pesticide chemical per one million parts by weight of the raw agricultural commodity.

(b) The poisonous and deleterious substances for which tolerances are established by the regulations in this subpart C are named by their common names wherever practicable, otherwise by their chemical names.

(c) The analytical methods to be used for determining whether pesticide residues, including negligible residues, in or on raw agricultural commodities are in compliance with the tolerances established in this part 180 are identified among the methods contained or referenced in the Food and Drug Administration's "Pesticide Analytical Manual" which is available from the Food and Drug Administration, Department of Health, Education, and Welfare, 200 C Street SW., Washington, DC 20204.

§ 180.103 Captan; tolerances for residues.

(a)(1) *General.* Tolerances are established for residues of the fungicide,