

INDEX OF CROPS/CROP GROUPS/CROP SUBGROUPS, AND CROP DEFINITIONS

May 3, 2016

CROPS/CROP GROUPS/CROP SUBGROUPS (including crop grouping revisions per Federal Register [FR] Final Rules beginning Dec. 7, 2007):

The crop group table below includes all crop groups, subgroups, representative (rep) crops and commodities that were established with the crop grouping regulation published in the FR in 1995 (published as regulation in 17 MAY 95 FR:40 CFR 180.41). In October 2002 the IR-4/USDA International Crop Grouping Symposium was held to propose expansion of crop groups to include many “orphan” minor crops and to propose new crop groups, subgroups and rep crops.

In the crop group table below, the name of each revised/new crop group is hyperlinked to the FR Final Rule that codified it. The 2-digit numbers following some crop groups/subgroups designate the year they were revised (-07 would be 2007, -10 would be 2010 and so on). If there is no 2-digit number following the crop group/subgroup, it is a new group that was not previously codified.

The first set of revisions to the 1995 crop grouping regulation (based on results of the Oct. 2002 Symposium) was published in the FR December 7, 2007, and included the following:

- Crop Group 3-07: Bulb Vegetable Group;
- Crop Group 13-07: Berry and Small Fruit Crop Group;
- new Crop Group 21: Edible Fungi Group

The second set of revisions to the 1995 crop grouping regulation was published in the FR December 8, 2010, and included the following:

- Crop Group 8-10: Fruiting Vegetable Group;
- Crop Group 10-10: Citrus Fruit Group;
- Crop Group 11-10: Pome Fruit Group;
- new Crop Group 20: Oilseed Group

The third set of revisions to the 1995 crop grouping regulation was published in the FR August 22, 2012, and included the following:

- Crop Group 12-12: Stone Fruit Group;
- Crop Group 14-12: Tree Nut Group

The fourth set of revisions to the 1995 crop grouping regulation was published in the FR May 3, 2016, and included the following:

- Crop Group 4-16: Leafy Vegetable Group;
- Crop Group 5-16: Head and Stem Brassica Vegetable Group;
- new Crop Group 22: Stalk, Stem and Leaf Petiole Vegetable Group;
- new Crop Group 23: Tropical and Subtropical Fruit, Edible Peel Group;
- new Crop Group 24: Tropical and Subtropical Fruit, Inedible Peel Group

NOTE: Crop group conversions based upon Crop Group 4 and 5 tolerances will not be straight forward and may result in displaced commodities (see [EPA's Supplementary Guidance for Phase IV of Crop Group Revisions Rulemaking](#) memorandum, and [EPA's Visual Summary of Crop Group Phase IV Revisions – Changes from Groups 4 and 5 to Groups 4-16, 5-16 and 22 for full details](#)).

- The commodities arugula, garden cress and upland cress were members of Subgroup 4A (represented by lettuces and spinach), and have become members of Subgroup 4-16B (represented by mustard greens); a conversion request from Subgroup 4A to Subgroup 4-16A would result in the displacement of these 3 commodities, and tolerances will have to be requested for each of them individually.
- The commodity Swiss chard was a member of Subgroup 4B (represented by celery), and has become a member of Subgroup 4-16A (represented by lettuces and spinach); a conversion request from Subgroup 4B to Subgroup 22A would result in the displacement of this commodity, and a tolerance will have to be requested for it individually.
- The commodities celtuce and Florence fennel were members of Subgroup 4B (represented by celery), and have become members of Subgroup 22A (represented by asparagus); a conversion request from Subgroup 4B to Subgroup 22B would result in the displacement of these 2 commodities, and tolerances will have to be requested for each of them individually.
- The commodity Chinese broccoli was a member of Subgroup 5A (represented by cabbage; and broccoli or cauliflower), and has become a member of Subgroup 4-16B (represented by mustard greens); a conversion request from Subgroup 5A to Crop Group 5-16 would result in the displacement of this commodity, and a tolerance will have to be requested for it individually.
- The commodity kohlrabi was a member of Subgroup 5A (represented by cabbage; and broccoli or cauliflower), and has become a member of Subgroup 22A (represented by asparagus); a conversion request from Subgroup 5A to Crop Group 5-16 would result in the displacement of this commodity, and a tolerance will have to be requested for it individually.

Each of these displaced commodities in the Crop Grouping table below is presented in a different font color.

As crop group revisions continue to be codified via FR Final Rules, they will be added to this table (rows colored beige), and new petition submissions to EPA will request tolerances for the revised crop groups/subgroups. For existing tolerances and crop group/subgroup registrations based on the 1995 regulation, there will not be automatic revisions to the new groups. Instead, these changes will need to be specifically requested by registrants, or by IR-4 when submitting tolerance petitions.

CROP DEFINITIONS AND INTERPRETATIONS, per 40CFR 180.1(g):

The crop group table below also includes a number of crop definitions as established per 40 CRR 180.1, paragraph (g). These entries are in rows colored light blue (any new or revised crop definitions codified along with new crop groups/crop group revisions via FR Final Rules are shown in rows colored pink with the new or revision date). These definitions may exclude some commodities that have subsequently been included in crop groups and subgroups (for example, the definitions of Bean and Pea). By these definitions, tolerances and exemptions established for pesticide chemicals in or on the general category of raw agricultural commodity (RAC) listed in column A only apply to the corresponding specific RACs listed in column B. However, a tolerance or exemption for a specific RAC in column B does not apply to the general category of RAC in Column A. For example, a tolerance requested and established for the general category of RAC, Onion (in column A), by crop definition, applies to and covers the specific RACs bulb onion, green onion and garlic (the commodities listed in column B). However, a tolerance requested and established for the specific RAC, garlic (in column B), does not apply to the general category of RAC, Onion, in column A.

Colors in table below:

Blue = Crop Definitions

Pink = Newer Revised Crop Definitions

Beige = Revised or New Crop Groups

White = Crop Groups per 1995 FR Final rule

Crop Groups and Subgroups – Number and Name	Representative Commodities	Commodities
1. ROOT AND TUBER VEGETABLES	Carrot, potato, radish and sugar beet	Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; beet, garden; beet, sugar; burdock, edible; canna, edible; carrot; cassava, bitter and sweet; celeriac; chayote (root); chervil, turnip-rooted; chicory; chufa; dasheen (taro); ginger; ginseng; horseradish; leren; parsley, turnip-rooted; parsnip; potato; radish; radish, oriental (daikon); rutabaga; salsify; salsify, black; salsify, Spanish; skirret; sweet potato; tanier; turmeric; turnip; yam bean; yam, true
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 (daikon); rutabaga; salsify; salsify, black; salsify, Spanish; skirret; turnip
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 (daikon); rutabaga; salsify; salsify, black; salsify, Spanish; skirret; turnip
1C. Tuberous and corm vegetables subgroup	Potato	Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; potato; sweet potato; tanier; turmeric; yam bean; yam, true
1D. Tuberous and corm vegetables (except potato) subgroup	Sweet potato	Arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; sweet potato; tanier; turmeric; yam bean; yam, true

Crop Group 1 Crop Definitions	A	B
	Radish, oriental, roots	<i>Raphanus sativus</i> var. <i>longipinnatus</i> (roots and tops), including Chinese or Japanese radish (both white and red); winter radish, daikon; lobok; lo pak; and other cultivars and/or hybrids of these
	Radish, oriental, tops	<i>Raphanus sativus</i> var. <i>longipinnatus</i> (roots and tops), including Chinese or Japanese radish (both white and red); winter radish, daikon; lobok; lo pak; and other cultivars and/or hybrids of these
	Sweet potato	Sweet potato; yam
2. LEAVES OF ROOT AND TUBER VEGETABLES (HUMAN FOOD OR ANIMAL FEED)	Turnip and garden beet or sugar beet	Beet, garden; beet, sugar; burdock, edible; carrot; cassava, bitter and sweet; celeriac; chervil, turnip-rooted; chicory; dasheen (taro); parsnip; radish; radish, oriental (daikon); rutabaga; salsify, black; sweet potato; tanier; turnip; yam, true
3-07. BULB VEGETABLE GROUP	Onion, bulb and onion, green	Chive, fresh leaves; chive, Chinese, fresh leaves; daylily, bulb; elegans hosta; fritillaria, bulb; fritillaria, leaves; garlic, bulb; garlic, great-headed, bulb; garlic, serpent, bulb; kurrat; lady's leek; leek; leek, wild; lily, bulb; onion, Beltsville bunching; onion, bulb; onion, Chinese, bulb; onion, fresh; onion, green; onion, macrostem; onion, pearl; onion, potato, bulb; onion, tree, tops; onion, Welsh, tops; shallot, bulb; shallot, fresh leaves; cultivars, varieties, and/or hybrids of these
3-07A. Onion, bulb, subgroup	Onion, bulb	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
3-07 B. Onion, green, subgroup	Onion, green	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
Crop Group 3-07 Crop Definitions	A	B
	Garlic	Garlic, great headed; garlic; garlic, serpent, bulb
	Onion	Onion, bulb; onion, green; garlic
	Onion, bulb	Onion, bulb; garlic, bulb; garlic, great headed, bulb; garlic, serpent, bulb; onion, Chinese, bulb; onion, pearl; onion, potato, bulb; shallot, bulb
	Onion, green	Onion, green; lady's leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, tree, tops; onion, Welsh, tops; shallot, fresh leaves

3. BULB VEGETABLES	Onion, green and onion, dry bulb	Garlic; garlic, great-headed; leek; onion, dry bulb and green; onion, Welsh; shallot
4-16. LEAFY VEGETABLE GROUP	Head lettuce, leaf lettuce, mustard greens and spinach	Amaranth, Chinese; amaranth, leafy; arugula; aster, Indian; blackjack; broccoli, Chinese; broccoli raab; cabbage, abyssinian; cabbage, Chinese, bok choy; cabbage, seakale; cat's whiskers; cham-chwi; cham-na-mul; chervil, fresh leaves; chipilin; chrysanthemum, garland; cilantro, fresh leaves; collards; corn salad; cosmos; cress, garden; cress, upland; dandelion, leaves; dang-gwi, leaves; dillweed; dock; dol-nam-mul; ebolo; endive; escarole; fameflower; feather cockscomb; good king henry; hanover salad; huauzontle; jute, leaves; kale; lettuce, bitter; lettuce, head; lettuce, leaf; maca, leaves; mizuna; mustard greens; orach; parsley, fresh leaves; plantain, buckhorn; primrose, English; purslane, garden; purslane, winter; radicchio; radish, leaves; rape greens; rocket, wild; shepherd's purse; spinach; spinach, Malabar; spinach, New Zealand; spinach, tanier; Swiss chard; turnip greens; violet, Chinese, leaves; watercress; cultivars, varieties, and hybrids of these commodities
4-16A. Leafy greens subgroup	Head lettuce, leaf lettuce and spinach	Amaranth, Chinese; amaranth, leafy; aster, Indian; blackjack; cat's whiskers; cham-chwi; cham-na-mul; chervil, fresh leaves; chipilin; chrysanthemum, garland; cilantro, fresh leaves; corn salad; cosmos; dandelion, leaves; dang-gwi, leaves; dillweed; dock; dol-nam-mul; ebolo; endive; escarole; fameflower; feather cockscomb; good king henry; huauzontle; jute, leaves; lettuce, bitter; lettuce, head; lettuce, leaf; orach; parsley, fresh leaves; plantain, buckhorn; primrose, English; purslane, garden; purslane, winter; radicchio; spinach; spinach, Malabar; spinach, New Zealand; spinach, tanier; Swiss chard; violet, Chinese, leaves; cultivars, varieties, and hybrids of these commodities
4-16B. Brassica leafy greens subgroup	Mustard greens	Arugula; broccoli, Chinese; broccoli raab; cabbage, abyssinian; cabbage, Chinese, bok choy; cabbage, seakale; collards; cress, garden; cress, upland; hanover salad; kale; maca, leaves; mizuna; mustard greens; radish, leaves; rape greens; rocket, wild; shepherd's purse; turnip greens; watercress; cultivars, varieties, and hybrids of these commodities
Crop Group 4-16 Crop Definitions	A	B
	Endive	Endive; escarole
	Lettuce	Lettuce, head; lettuce, leaf
	Lettuce, head	Lettuce, head; crisphead varieties only
	Lettuce, leaf	Lettuce, leaf; cos (romaine), butterhead varieties
	Turnip greens or turnip tops	Broccoli raab (raab, raab salad); hanover salad; turnip greens (turnip tops)

4. LEAFY VEGETABLES (EXCEPT BRASSICA VEGETABLES)	Celery, head lettuce, leaf lettuce, and spinach	Amaranth (Chinese spinach); arugula (roquette); cardoon; celery; celery, Chinese; celtuce; chervil; chrysanthemum, edible-leaved; chrysanthemum, garland; corn salad; cress, garden; cress, upland; dandelion; dock (sorrel); endive (escarole); fennel, Florence; lettuce, head and leaf; orach; parsley; purslane, garden; purslane, winter; radicchio (red chicory); rhubarb; spinach; spinach, New Zealand; spinach, vine; Swiss chard
4A. Leafy greens subgroup	Head and leaf lettuce, and spinach	Amaranth (Chinese spinach); arugula (roquette); chervil; chrysanthemum, edible-leaved; chrysanthemum, garland; corn salad; cress, garden; cress, upland; dandelion; dock (sorrel); endive (escarole); lettuce; orach; parsley; purslane, garden; purslane, winter; radicchio (red chicory); spinach; spinach, New Zealand; spinach, vine
4B. Leaf petioles subgroup	Celery	Cardoon; celery; celery, Chinese; celtuce; fennel, Florence; rhubarb; Swiss chard
5-16. BRASSICA HEAD AND STEM VEGETABLE GROUP	Broccoli or cauliflower and cabbage	Broccoli; Brussels sprouts; cabbage; cabbage, Chinese, napa; cauliflower; cultivars, varieties, and hybrids of these commodities
Crop Group 5-16 Crop Definitions	A	B
	Broccoli (revised 5/3/2016)	Broccoli; Chinese broccoli (gai lon, white flowering broccoli)
	Cabbage	Cabbage; Chinese cabbage (tight-heading varieties only)
5. BRASSICA (COLE) LEAFY VEGETABLES	Broccoli or cauliflower, cabbage, and mustard greens	Broccoli; broccoli, Chinese (gai lon); broccoli raab (rapini); Brussels sprouts; cabbage; cabbage, Chinese (bok choy); cabbage, Chinese (napa); cabbage, Chinese mustard (gai choy); cauliflower; cavalo broccolo; collards; kale; kohlraabi ; mizuna; mustard greens; mustard spinach; rape greens
5A. Head & Stem Brassica subgroup	Broccoli or cauliflower and cabbage	Broccoli; broccoli, Chinese (gai lon); Brussels sprouts; cabbage; cabbage, Chinese (napa); cabbage, Chinese mustard (gai choy); cauliflower; cavalo broccolo; kohlraabi
5B. Leafy Brassica greens subgroup	Mustard greens	Broccoli raab (rapini); cabbage, Chinese (bok choy); collards; kale; mizuna; mustard greens; mustard spinach; rape greens
6. LEGUME VEGETABLES (SUCCULENT OR DRIED)	Bean (<i>Phaseolus</i> spp.) (succulent & dried), pea (<i>Pisum</i> spp.) (succulent & dried) and soybean	Bean (<i>Lupinus</i> spp.) (includes grain lupin, sweet lupin, white lupin, and white sweet lupin); bean (<i>Phaseolus</i> spp.) (includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean); 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); broad bean (fava); chickpea (garbanzo); guar; jackbean; lablab bean (hyacinth bean); lentil; pea (<i>Pisum</i> spp.) (includes dwarf pea, edible-podded pea, English pea, field pea, garden pea, green pea, snowpea, sugar snap pea); pigeon pea; soybean; soybean (immature seed); sword bean

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.)	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-podded pea, snow pea, sugar snap pea); pigeon pea; soybean (immature seed); sword bean
6B. Succulent pea and bean subgroup	Any succulent shelled cultivar of bean (<i>Phaseolus</i> spp.) and garden pea (<i>Pisum</i> spp.)	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
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.)	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 (hyacinth bean); lentil; pea (<i>Pisum</i> spp.) (includes field pea); pigeon pea
Crop Group 6 Crop Definitions	A	B
	Bean	<i>Cicer arietinum</i> (chickpea, garbanzo bean); <i>Lupinus</i> spp. (including sweet lupine, white sweet lupine, white lupine, and grain lupine); <i>Phaseolus</i> spp. (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and waxbean); <i>Vicia faba</i> (broad bean, fava bean); <i>Vigna</i> spp. (including asparagus bean, blackeyed pea and cowpea)
	Bean, dry	All beans above in dry form only
	Bean, succulent	All beans above in succulent form only
	Pea	<i>Cajanus cajan</i> (includes pigeon pea); <i>Cicer</i> spp. (includes chickpea and garbanzo bean); <i>Lens culinaris</i> (lentil); <i>Pisum</i> spp. (includes dwarf pea, garden pea, green pea, English pea, field pea, and edible-pod pea). [Note: A variety of pesticide tolerances have been previously established for pea and/or bean. Chickpea/garbanzo bean is now classified in both the bean and the pea categories. For garbanzo bean/chickpea only, the highest established pea or bean tolerance will apply to pesticide residues found in this commodity.]
	Pea, dry	All peas in dry form only
	Pea, succulent	All peas in succulent form only
7. FOLIAGE OF LEGUME VEGETABLES	Any cultivar of bean (<i>Phaseolus</i> spp.), field pea (<i>Pisum</i> spp.) and soybean	Plant parts of any legume vegetable included in the legume vegetables group that will be used as animal feed

7A. Foliage of legume vegetables (except soybeans) subgroup	Any cultivar of bean (<i>Phaseolus</i> spp.) and field pea (<i>Pisum</i> spp.)	Plant parts of any legume vegetable (except soybeans) included in the legume vegetables group that will be used as animal feed
8-10. FRUITING VEGETABLE GROUP	Tomato, standard size and one cultivar of small tomato; bell pepper and one cultivar of small non-bell pepper	African eggplant; bush tomato; bell pepper; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; martynia; naranjilla; okra; pea eggplant; pepino; non-bell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these
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
8-10B. Pepper/Eggplant subgroup	Bell pepper and one cultivar of small non-bell pepper	African eggplant; bell pepper; eggplant; martynia; non-bell pepper; okra; pea eggplant; pepino; roselle; scarlet eggplant; cultivars, varieties, and/or hybrids of these
8-10C. Non-bell pepper/Eggplant subgroup	One cultivar of small non-bell pepper or one cultivar of small eggplant	African eggplant; eggplant; martynia; non-bell pepper; okra; pea eggplant; pepino; roselle; scarlet eggplant ; cultivars, varieties, and/or hybrids of these
Crop Group 8-10 Crop Definitions	A	B
	Pepper	All varieties of pepper including pimento and bell, hot, and sweet pepper
	Tomato	Tomato; tomatillo
8. FRUITING VEGETABLES (EXCEPT CUCURBITS)	Tomato, bell pepper and one cultivar of non-bell pepper	Eggplant; groundcherry (<i>Physalis</i> spp); pepino; pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato
9. CUCURBIT VEGETABLES	Cucumber, muskmelon and summer squash	Chayote (fruit); Chinese waxgourd (Chinese preserving melon); citron melon; cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); muskmelon (includes cantaloupe); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash); watermelon
9A. Melon subgroup	Cantaloupe	Citron melon; muskmelon (includes cantaloupe); watermelon
9B. Squash/Cucumber subgroup	One cultivar of summer squash and cucumber	Chayote (fruit); Chinese waxgourd (Chinese preserving melon); cucumber; gherkin; gourd, edible (includes hyotan, cucuzza, hechima, Chinese okra); <i>Momordica</i> spp (includes balsam apple, balsam pear, bittermelon, Chinese cucumber); pumpkin; squash, summer; squash, winter (includes butternut squash, calabaza, hubbard squash, acorn squash, spaghetti squash)

Crop Group 9 Crop Definitions	A	B
	Melon	Muskmelon, including hybrids and/or varieties of <i>Cucumis melo</i> (includes true cantaloupe, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon); and watermelon, including hybrids and/or varieties of (<i>Citrullus</i> spp.)
	Muskmelon	<i>Cucumis melo</i> (includes true cantaloupe, cantaloupe, casaba, Santa Claus melon, crenshaw melon, honeydew melon, honey balls, Persian melon, golden pershaw melon, mango melon, pineapple melon, snake melon, and other varieties and/or hybrids of these.)
	Squash	Pumpkin, summer squash and winter squash
	Squash, summer	Fruits of the gourd (<i>Cucurbitaceae</i>) family that are consumed when immature, 100% of the fruit is edible either cooked or raw, once picked it cannot be stored, has a soft rind which is easily penetrated, and if seeds were harvested they would not germinate; e.g., <i>Cucurbita pepo</i> (i.e., crookneck squash, straightneck squash, scallop squash, and vegetable marrow); <i>Lagenaria</i> spp. (i.e., spaghetti squash, hyotan, cucuzza); <i>Luffa</i> spp. (i.e., hechima, Chinese okra); <i>Momordica</i> spp. (i.e., bitter melon, balsam pear, balsam apple, Chinese cucumber); <i>Sechium edule</i> (chayote); and other cultivars and/or hybrids of these
10-10. CITRUS FRUIT GROUP	Orange or tangerine/mandarin, lemon or lime and grapefruit	Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these
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; trifoliate orange; cultivars, varieties, and/or hybrids of these
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
10-10C. Grapefruit subgroup	Grapefruit	Grapefruit; Japanese summer grapefruit; pummelo; tangelo; uniq fruit; cultivars, varieties, and/or hybrids of these

Crop Group 10-10 Crop Definitions	A	B
	Tangerine (revised 12/8/2010)	Tangerine (mandarin or mandarin orange), clementine, Mediterranean mandarin, satsuma mandarin, tangelo, tangor, cultivars, varieties and or hybrids of these
	Fruit, citrus	Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these
	Tangerine	Tangerine (mandarin or mandarin orange), tangelo, tangor, and other hybrids of tangerine with other citrus
10. CITRUS FRUITS	Sweet orange, lemon and grapefruit	Calamondin; citrus citron; citrus hybrids (includes chironja, tangelo, tangor); grapefruit; kumquat; lemon; lime; mandarin (tangerine); orange, sour; orange, sweet; pummelo; Satsuma mandarin
11-10. POME FRUIT GROUP	Apple and pear	Apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these
11. POME FRUITS	Apple and pear	Apple; crabapple; loquat; mayhaw; pear; pear, oriental; quince
12-12. STONE FRUIT GROUP	Sweet cherry or Tart cherry, Peach and Plum or Prune plum	Apricot; apricot, Japanese; capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry, tart; Jujube, Chinese; nectarine; peach; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; plumcot; sloe; cultivars, varieties, and/or hybrids of these
12-12A. Cherry subgroup	Cherry, sweet or Cherry, tart	Capulin; cherry, black; cherry, Nanking; cherry, sweet; cherry, tart; cultivars, varieties, and/or hybrids of these
12-12B. Peach subgroup	Peach	Nectarine; peach; cultivars, varieties, and/or hybrids of these
12-12C. Plum subgroup	Plum, or prune plum	Apricot; apricot, Japanese; Jujube, Chinese; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; plumcot; sloe; cultivars, varieties, and/or hybrids of these
Crop Group 12-12 Crop Definitions	A	B
	Cherry	Cherry, sweet and cherry, tart
	Peach	Peach, nectarine
12. STONE FRUITS	Sweet or tart cherry, peach and plum or fresh prune	Apricot; cherry, sweet; cherry, tart; nectarine; peach; plum; plum, Chickasaw; plum, Damson; plum, Japanese; plumcot; prune (fresh)

13-07. BERRY AND SMALL FRUIT	Any one blackberry or any one raspberry, highbush blueberry, elderberry or mulberry, grape, fuzzy kiwifruit and strawberry	Amur river grape; aronia berry; bayberry; bearberry; bilberry; blackberry (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, Orgeon evergreen berry, phenomenalberry, rangeberry, ravenberry, rossberry, Shawnee blackberry, Southern dewberry, tayberry, youngberry, zarzamora, and cultivars, varieties and/or hybrids of these); blueberry, highbush; blueberry, lowbush; buffalo currant; buffaloberry; che; Chilean guava; chokecherry; cloudberry; cranberry; cranberry, highbush; currant, black; currant, red; elderberry; European barberry; gooseberry; grape; honeysuckle, edible; huckleberry; jostaberry; Juneberry (Saskatoon berry); kiwifruit, fuzzy; kiwifruit, hardy; lingonberry; maypop; mountain pepper berries; mulberry; muntries; native currant; partridgeberry; phalsa; pincherry; raspberry, black and red; riberry; salal; schisandra berry; sea buckthorn; serviceberry; strawberry; wild raspberry; cultivars, varieties, and/or hybrids of these
13-07A. Caneberry subgroup	Any one blackberry or any one raspberry	Blackberry; loganberry; raspberry, black and red; wild raspberry; cultivars, varieties, and/or hybrids of these
13-07B. Bushberry subgroup	Blueberry, highbush	Aronia berry; blueberry, highbush; blueberry, lowbush; buffalo currant; Chilean guava; cranberry, highbush; currant, black; currant, red; elderberry; European barberry; gooseberry; honeysuckle, edible; huckleberry; jostaberry; Juneberry (Saskatoon berry); lingonberry; native currant; salal; sea buckthorn; cultivars, varieties, and/or hybrids of these
13-07C. Large shrub/tree berry subgroup	Elderberry or mulberry	Bayberry; buffaloberry; che; chokecherry; elderberry; Juneberry (Saskatoon berry); mountain pepper berries; mulberry; phalsa; pincherry; riberry; salal; serviceberry; cultivars, varieties, and/or hybrids of these
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
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
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

13-07G. Low growing berry subgroup	Strawberry	Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these
13-07H. Low growing berry subgroup, except strawberry	Cranberry	Bearberry; bilberry; blueberry, lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; cultivars, varieties, and/or hybrids of these
Crop Group 13-07 Crop Definitions	A	B
	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, rangerberry, ravenberry, rossberry, Shawnee blackberry, and varieties and/or hybrids of these)
	Caneberry	<i>Rubus</i> spp. (including blackberry); <i>Rubus caesius</i> (youngberry); <i>Rubus loganbaccus</i> (loganberry); <i>Rubus idaeus</i> (red and black raspberry); cultivars, varieties, and/or hybrids of these
	Raspberry	<i>Rubus</i> spp. (including bababerry; black raspberry; blackcap; caneberry; framboise; frambueso; himbeere; keriberry; mayberry; red raspberry; thimbleberry; tulameen; yellow raspberry; and cultivars, varieties, and/or hybrids of these)
13. BERRIES	Any one blackberry or any one raspberry and blueberry	Blackberry (including bingleberry, boysenberry, dewberry, lowberry, marionberry, olallieberry, youngberry); blueberry; currant; elderberry; gooseberry; huckleberry; loganberry; raspberry, black and red
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
13B. Bushberry subgroup	Blueberry, highbush	Blueberry, highbush and lowbush; currant; elderberry; gooseberry; huckleberry
14-12. TREE NUT GROUP	Almond and pecan	African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; coquito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okari nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachio; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these

14.TREE NUTS	Almond and pecan	Almond; beechnut; Brazil nut; butternut; cashew; chestnut; chinquapin; filbert (hazelnut); hickory nut; macadamia nut; pecan; walnut, black and English
15. CEREAL GRAINS	Corn (fresh sweet corn and dried field corn), rice, sorghum, and wheat	Barley; buckwheat; corn; millet, pearl; millet, proso; oats; popcorn; rice; rye; sorghum (milo); teosinte; triticale; wheat; wild rice
Crop Group 15 Crop Definitions	A	B
	Sorghum, grain, grain	<i>Sorghum</i> spp. (sorghum, grain, sudangrass (seed crop), and hybrids of these grown for its seed)
	Wheat	Wheat, triticale
16. FORAGE, FODDER AND STRAW OF CEREAL GRAINS	Corn, wheat and any other cereal grain crop	Forage, fodder and straw of all commodities included in the cereal grains group
Crop Group 16 Crop Definition	A	B
	Sorghum, forage, stover	<i>Sorghum</i> spp. (sorghum, forage; sorghum, stover; sudangrass and hybrids of these grown for forage and/or stover)
17. GRASS FORAGE, FODDER, AND HAY GROUP	Bermuda grass, bluegrass and bromegrass or fescue	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
18. NONGRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY)	Alfalfa and clover (<i>Trifolium</i> spp.)	Alfalfa; bean, velvet; clover (<i>Trifolium</i> spp., <i>Melilotus</i> spp.); kudzu; lespedeza; lupin; sainfoin; trefoil; vetch; vetch, crown; vetch, milk
Crop Group 18 Crop Definition	A	B
	Alfalfa	<i>Medicago sativa</i> L. <i>sativa</i> , (alfalfa, lucerne); <i>Onobrychio viciifolia</i> Scop. (sainfoin, holy clover, esparcet); and <i>Lotus corniculatus</i> L. (trefoil); and varieties and/or hybrids of these
19. HERBS AND SPICES	Basil (fresh & dried), black pepper, chive and celery seed or dill seed	Allspice; angelica; anise (seed); anise, star; annatto (seed); balm (lemon balm); basil; borage; burnet; camomile; caper buds; caraway; caraway, black; cardamom; cassia bark; cassia buds; catnip; celery seed; chervil (dried); chive; chive, Chinese; cinnamon; clary; clove buds; coriander leaf (cilantro or Chinese parsley); coriander seed (cilantro); costmary; culantro (leaf); culantro (seed); cumin; curry (leaf); dill (dillweed); dill (seed); fennel (common); fennel, Florence (seed); fenugreek; grains of paradise; horehound; hyssop; juniper berry; lavender; lemongrass; lovage (leaf); lovage (seed); mace; marigold; marjoram (includes sweet or annual marjoram, wild marjoram or oregano, and pot marjoram); mustard (seed); nasturtium; nutmeg; parsley (dried); pennyroyal; pepper, black; pepper, white; poppy (seed);

		rosemary; rue; saffron; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; vanilla; wintergreen; woodruff; wormwood
19A. Herb subgroup	Basil (fresh & dried) and chive	Angelica; balm (lemon balm); basil; borage; burnet; camomile; catnip; chervil (dried); chive; chive, Chinese; clary; coriander leaf (cilantro or Chinese parsley); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marjoram (includes sweet or annual marjoram, wild marjoram or oregano, and pot marjoram); nasturtium; parsley (dried); pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay; tansy; tarragon; thyme; wintergreen; woodruff; and wormwood
19B. Spice subgroup	Black pepper and celery seed or dill seed	Allspice; anise (seed); anise, star; annatto (seed); caper buds; caraway; caraway, black; cardamom; cassia bark; cassia buds; celery seed; cinnamon; clove (buds); coriander seed (cilantro); 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
Crop Group 19 Crop Definition	A	B
	Marjoram	<i>Origanum</i> spp. (includes sweet or annual marjoram, wild marjoram or oregano and pot marjoram)
20. OILSEED GROUP	Rapeseed (canola varieties only); sunflower, seed; and cottonseed	Borage; calendula; castor oil plant; Chinese tallowtree; cottonseed; crambe; cuphea; echium; euphorbia; evening primrose; flax seed; gold of pleasure; hare's ear mustard; jojoba; lesquerella; lunaria; meadowfoam; milkweed; mustard seed; niger seed; oil radish; poppy seed; rapeseed; rose hip; safflower; sesame; stokes aster; sunflower; sweet rocket; tallowwood; tea oil plant; vernonia; cultivars, varieties, and/or hybrids of these
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
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