

40 C.F.R. § 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 paragraph (b), and individual tolerances must be established. Miscellaneous commodities intentionally not included in any group include globe artichoke, hops, peanut, and water chestnut.
- (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
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 corm 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 corm 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.

(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 (<i>Allium sativum</i>)
Garlic, great headed, (elephant) (<i>Allium ampeloprasum</i> var. <i>ampeloprasum</i>)
Leek (<i>Allium ampeloprasum</i> , <i>A. porrum</i> , <i>A. tricoccum</i>)
Onion, dry bulb and green (<i>Allium cepa</i> , <i>A. fistulosum</i>)
Onion, Welsh, (<i>Allium fistulosum</i>)
Shallot (<i>Allium cepa</i> var. <i>cepa</i>)

(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</i> L. <i>fritillary</i>)	3-07A
Fritillaria, leaves (<i>Fritillaria</i> L. <i>fritillary</i>)	3-07B
Garlic, bulb (<i>Allium sativum</i> L. var. <i>sativum</i>) (A. <i>sativum</i> Common Garlic Group)	3-07A
Garlic, great headed, bulb (<i>Allium ampeloprasum</i> L. var. <i>ampeloprasum</i>) (A. <i>ampeloprasum</i> Great Headed Garlic Group)	3-07A
Garlic, Serpent, bulb (<i>Allium sativum</i> var. <i>ophioscorodon</i> or A. <i>sativum</i> Ophioscorodon Group)	3-07A
Kurrat (<i>Allium kurrat</i> Schweinf. Ex. K. Krause or A. <i>ampeloprasum</i> Kurrat Group)	3-07B
Lady's leek (<i>Allium cernuum</i> Roth)	3-07B
Leek <i>Allium porrum</i> L. (syn: A. <i>ampeloprasum</i> L. var. <i>porrum</i> (L.) J. Gay) (A. <i>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 A. <i>cepa</i> L.)	3-07B
Onion, bulb (<i>Allium cepa</i> L. var. <i>cepa</i>) (A. <i>cepa</i> Common Onion Group)	3-07A
Onion, Chinese, bulb (<i>Allium chinense</i> G. Don.) (syn: A. <i>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>) (A. <i>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 A. <i>ampeloprasum</i> Pearl Onion Group)	3-07A
Onion, potato, bulb (<i>Allium cepa</i> L. var. <i>aggregatum</i> G. Don.) (A. <i>cepa</i> Aggregatum Group)	3-07A
Onion, tree, tops (<i>Allium x proliferum</i> (Moench) Schrad. ex Willd.) (syn: A. <i>cepa</i> var. <i>proliferum</i> (Moench) Regel; A. <i>cepa</i> L. var. <i>bulbiferum</i> L.H. Bailey; A. <i>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. 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.
Crop subgroup 3-07B. 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.

(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 4-16.* Leafy Vegetable Group.

(i) *Representative commodities.* Head lettuce, leaf lettuce, mustard greens, and spinach.

(ii) *Commodities.* The following Table 1 lists all commodities included in Crop Group 4-16.

Table 1—Crop Group 4-16: Leafy Vegetable Group

Commodities	Related crop subgroups
Amaranth, Chinese (<i>Amaranthus tricolor</i> L.)	4-16A
Amaranth, leafy (<i>Amaranthus</i> spp.)	4-16A
Arugula (<i>Eruca sativa</i> Mill.)	4-16B
Aster, Indian (<i>Kalimeris indica</i> (L.) Sch. Bip.)	4-16A
Blackjack (<i>Bidens pilosa</i> L.)	4-16A
Broccoli, Chinese (<i>Brassica oleracea</i> var. <i>alboglabra</i> (L.H. Bailey) Musil)	4-16B
Broccoli raab (<i>Brassica ruvo</i> L.H. Bailey)	4-16B
Cabbage, abyssinian (<i>Brassica carinata</i> A. Braun)	4-16B
Cabbage, Chinese, bok choy (<i>Brassica rapa</i> subsp. <i>chinensis</i> (L.) Hanelt)	4-16B
Cabbage, seakale (<i>Brassica oleracea</i> L. var. <i>costata</i> DC.)	4-16B
Cat's whiskers (<i>Cleome gynandra</i> L.)	4-16A
Cham-chwi (<i>Doellingeria scabra</i> (Thunb.) Nees)	4-16A
Cham-na-mul (<i>Pimpinella calycina</i> Maxim)	4-16A
Chervil, fresh leaves (<i>Anthriscus cerefolium</i> (L.) Hoffm.)	4-16A
Chipilin (<i>Crotalaria longirostrata</i> Hook & Arn)	4-16A
Chrysanthemum, garland (<i>Glebionis coronaria</i> (L.) Cass. ex Spach. <i>Glebionis</i> spp.)	4-16A
Cilantro, fresh leaves (<i>Coriandrum sativum</i> L.)	4-16A
Collards (<i>Brassica oleracea</i> L. var. <i>viridis</i> L.)	4-16B
Corn salad (<i>Valerianella</i> spp.)	4-16A
Cosmos (<i>Cosmos caudatus</i> Kunth)	4-16A
Cress, garden (<i>Lepidium sativum</i> L.)	4-16B
Cress, upland (<i>Barbarea vulgaris</i> W.T. Aiton)	4-16B
Dandelion, leaves (<i>Taraxacum officinale</i> F.H. Wigg. Aggr.)	4-16A

Dang-gwi, leaves (<i>Angelica gigas</i> Nakai)	4-16A
Dillweed (<i>Anethum graveolens</i> L.)	4-16A
Dock (<i>Rumex patientia</i> L.)	4-16A
Dol-nam-mul (<i>Sedum sarmentosum</i> Bunge)	4-16A
Ebolo (<i>Crassocephalum crepidioides</i> (Benth.) S. Moore)	4-16A
Endive (<i>Cichorium endivia</i> L.)	4-16A
Escarole (<i>Cichorium endivia</i> L.)	4-16A
Fameflower (<i>Talinum fruticosum</i> (L.) Juss.)	4-16A
Feather cockscomb (<i>Glinus oppositifolius</i> (L.) Aug. DC.)	4-16A
Good King Henry (<i>Chenopodium bonus-henricus</i> L.)	4-16A
Hanover salad (<i>Brassica napus</i> var. <i>pabularia</i> (DC.) Rchb.)	4-16B
Huauzontle (<i>Chenopodium berlandieri</i> Moq.)	4-16A
Jute, leaves (<i>Corchorus</i> spp.)	4-16A
Kale (<i>Brassica oleracea</i> L. var. <i>Sabellica</i> L.)	4-16B
Lettuce, bitter (<i>Launaea cornuta</i> (Hochst. ex Oliv. & Hiern) C. Jeffrey)	4-16A
Lettuce, head (<i>Lactuca sativa</i> L.; including <i>Lactuca sativa</i> var. <i>capitata</i> L.)	4-16A
Lettuce, leaf (<i>Lactuca sativa</i> L.; including <i>Lactuca sativa</i> var. <i>longifolia</i> Lam.; <i>Lactuca sativa</i> var. <i>crispa</i> L.)	4-16A
Maca, leaves (<i>Lepidium meyenii</i> Walp.)	4-16B
Mizuna (<i>Brassica rapa</i> L. subsp. <i>nipposinica</i> (L.H. Bailey) Hanelt)	4-16B
Mustard greens (<i>Brassica juncea</i> subsp., including <i>Brassica juncea</i> (L.) Czern. subsp. <i>integrifolia</i> (H. West) Thell., <i>Brassica juncea</i> (L.) Czern. var. <i>tsatsai</i> (T.L. Mao) Gladis)	4-16B
Orach (<i>Atriplex hortensis</i> L.)	4-16A
Parsley, fresh leaves (<i>Petroselinum crispum</i> (Mill.) Fuss; <i>Petroselinum crispum</i> var. <i>neapolitanum</i> Danert)	4-16A
Plantain, buckthorn (<i>Plantago lanceolata</i> L.)	4-16A
Primrose, English (<i>Primula vulgaris</i> Huds.)	4-16A
Purslane, garden (<i>Portulaca oleracea</i> L.)	4-16A
Purslane, winter (<i>Claytonia perfoliata</i> Donn ex Willd.)	4-16A
Radicchio (<i>Cichorium intybus</i> L.)	4-16A

Radish, leaves (<i>Raphanus sativus</i> L. var <i>sativus</i> , including <i>Raphanus sativus</i> L. var. <i>mougrii</i> H. W. J. Helm (<i>Raphanus sativus</i> L. var. <i>oleiformis</i> Pers)	4-16B
Rape greens (<i>Brassica napus</i> L. var. <i>napus</i> , including <i>Brassica rapa</i> subsp. <i>trilocularis</i> (Roxb.) Hanelt; <i>Brassica rapa</i> subsp. <i>dichotoma</i> (Roxb.) Hanelt; <i>Brassica rapa</i> subsp. <i>oleifera</i> Met)	4-16B
Rocket, wild (<i>Diplotaxis tenuifolia</i> (L.) DC.)	4-16B
Shepherd's purse (<i>Capsella bursa-pastoris</i> (L.) Medik)	4-16B
Spinach (<i>Spinacia oleracea</i> L.)	4-16A
Spinach, Malabar (<i>Basella alba</i> L.)	4-16A
Spinach, New Zealand (<i>Tetragonia tetragonioides</i> (Pall.) Kuntze)	4-16A
Spinach, tanier (<i>Xanthosoma brasiliense</i> (Desf.) Engl.)	4-16A
Swiss chard (<i>Beta vulgaris</i> L. ssp. <i>vulgaris</i>)	4-16A
Turnip greens (<i>Brassica rapa</i> L. ssp. <i>rapa</i>)	4-16B
Violet, Chinese, leaves (<i>Asystasia gangetica</i> (L.) T. Anderson)	4-16A
Watercress (<i>Nasturtium officinale</i> W.T. Aiton)	4-16B
Cultivars, varieties, and hybrids of these commodities	

(iii) *Crop subgroups*. The following Table 2 identifies the crop subgroups for Crop Group 4-16, specifies the representative commodities for each subgroup, and lists all the commodities included in each subgroup.

Table 2—Crop Group 4-16: Subgroup Listing

Representative commodities	Commodities
Crop Subgroup 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.
Crop Subgroup 4-16B. Brassicaleafy 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.

(7) *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
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 Brassica greens subgroup.	
Mustard greens	Broccoli raab; cabbage, Chinese (bok choy); collards; kale; mizuna; mustard greens; mustard spinach; rape greens

(8) *Crop Group 5-16. Brassica Head and Stem Vegetable Group.*

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

(ii) *Commodities.* The following List 1 contains all commodities included in Crop Group 5-16.

List 1—Crop Group 5-16: Brassica Head and Stem Vegetable Group

Commodities	
Broccoli (<i>Brassica oleracea</i> L. var. <i>italica</i> Plenck)	
Brussels sprouts (<i>Brassica oleracea</i> L. var. <i>gemmifera</i> (DC.) Zenker)	
Cabbage (<i>Brassica oleracea</i> L. var. <i>capitata</i> L.)	
Cabbage, Chinese, napa (<i>Brassica rapa</i> L. subsp. <i>pekinensis</i> (Lour.) Hanelt)	
Cauliflower (<i>Brassica oleracea</i> L. var. <i>capitata</i> L.)	
Cultivars, varieties, and hybrids of these commodities.	

(9) *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

(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
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.).	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.
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.).	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.
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.)	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.
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(10) Crop Group 6–22. Legume Vegetable Group.

(i) *Representative commodities.* Bean (*Phaseolus* spp. or *Vigna* spp.; one edible podded cultivar, one succulent shelled cultivar, and one dried seed); Pea (*Pisum* spp.; one edible podded cultivar, one succulent shelled cultivar, and one dried seed); and Soybean, seed.

(ii) *Commodities.* The following table is a list of all commodities included in Crop Group 6–22 and includes cultivars, varieties and/or hybrids of these commodities.

Table 1 to Paragraph (c)(10)—Crop Group 6–22: Legume Vegetable Group:

Commodities	Related crop subgroups
African yam bean, dry seed, <i>Sphenostylis stenocarpa</i> (Hochst. ex A. Rich.) Harms	6–22E
American potato bean, dry seed, <i>Apios americana</i> Medik	6–22E
Bean (<i>Lupinus</i> spp.), succulent shelled (including, but not limited to Andean lupin, blue lupin, grain lupin, sweet lupin, white lupin, white sweet lupin, and yellow lupin)	6–22C
Bean (<i>Lupinus</i> spp.), dry seed (including, but not limited to Andean lupin, blue lupin, grain lupin, sweet lupin, white lupin, white sweet lupin, and yellow lupin)	6–22E
Bean (<i>Phaseolus</i> spp.), edible podded (including, but not limited to French bean, garden bean, green bean, kidney bean, navy bean, scarlet runner bean, snap bean, and wax bean)	6–22A
Bean (<i>Phaseolus</i> spp.), succulent shelled (including, but not limited to lima bean, scarlet runner bean, and wax bean)	6–22C
Bean (<i>Phaseolus</i> spp.), dry seed (including, but not limited to black bean, cranberry bean, dry bean, field bean, French bean, garden bean, great northern bean, green bean, kidney bean, lima bean, navy bean, pink bean, pinto bean, red bean, scarlet runner bean, tepary bean, and yellow bean)	6–22E
Bean (<i>Vigna</i> spp.), edible podded (including, but not limited to asparagus bean, catjang bean, Chinese longbean, cowpea, moth bean, mung bean, rice bean, urd bean, and yardlong bean)	6–22A
Bean (<i>Vigna</i> spp.), succulent shelled (including, but not limited to blackeyed pea, catjang bean, cowpea, crowder pea, moth bean, and southern pea)	6–22C
Bean (<i>Vigna</i> spp.), dry seed (including, but not limited to adzuki bean, asparagus bean, blackeyed pea, catjang bean, Chinese longbean, cowpea, crowder pea, moth bean, mung bean, rice bean, southern pea, urd bean, and yardlong bean)	6–22E
Broad bean (fava bean), succulent shelled, <i>Vicia faba</i> L. subsp. <i>faba</i> var. <i>faba</i>	6–22C

Broad bean (fava bean), dry seed, <i>Vicia faba</i> L. subsp. <i>faba</i> var. <i>faba</i>	6-22E
Chickpea (garbanzo), edible podded, <i>Cicer arietinum</i> L	6-22B
Chickpea (garbanzo), succulent shelled, <i>Cicer arietinum</i> L	6-22D
Chickpea (garbanzo), dry seed, <i>Cicer arietinum</i> L	6-22F
Goa bean, edible podded (asparagus pea and winged bean) <i>Psophocarpus tetragonolobus</i> (L.) DC	6-22A
Goa bean, succulent shelled (asparagus pea and winged bean) <i>Psophocarpus tetragonolobus</i> (L.) DC	6-22C
Goa bean, dry seed (asparagus pea and winged bean) <i>Psophocarpus tetragonolobus</i> (L.) DC	6-22E
Grass pea, edible podded, <i>Lathyrus sativus</i> L	6-22B
Grass pea, dry seed, <i>Lathyrus sativus</i> L	6-22F
Guar bean, edible podded, <i>Cyamopsis tetragonoloba</i> (L.) Taub	6-22A
Guar bean, dry seed, <i>Cyamopsis tetragonoloba</i> (L.) Taub	6-22E
Horse gram, dry seed, <i>Macrotyloma uniflorum</i> (Lam.) Verdc	6-22E
Jackbean, edible podded, <i>Canavalia ensiformis</i> (L.) DC	6-22A
Jackbean, succulent shelled, <i>Canavalia ensiformis</i> (L.) DC	6-22C
Jackbean, dry seed, <i>Canavalia ensiformis</i> (L.) DC	6-22E
Lablab bean (hyacinth bean), edible podded, <i>Lablabpurpureus</i> (L.) Sweet subsp. <i>purpureus</i>	6-22A
Lablab bean (hyacinth bean), succulent shelled, <i>Lablabpurpureus</i> (L.) Sweet subsp. <i>purpureus</i>	6-22C
Lablab bean (hyacinth bean), dry seed, <i>Lablabpurpureus</i> (L.) Sweet subsp. <i>Purpureus</i>	6-22E
Lentil, edible podded, <i>Lens culinaris</i> Medik. subsp. <i>culinaris</i>	6-22B
Lentil, succulent shelled, <i>Lens culinaris</i> Medik. subsp. <i>culinaris</i>	6-22D
Lentil, dry seed, <i>Lens culinaris</i> Medik. subsp. <i>culinaris</i>	6-22F
Morama bean, dry seed, <i>Tylosema esculentum</i> (Burch.) A. Schreib	6-22E
Pea (<i>Pisum</i> spp.), edible podded (including, but not limited to dwarf pea, green pea, snap pea, snow pea, and sugar snap pea)	6-22B
Pea (<i>Pisum</i> spp.), succulent shelled (including, but not limited to, English pea, garden pea, and green pea)	6-22D
Pea (<i>Pisum</i> spp.), dry seed (including, but not limited to dry pea, field pea, garden pea, yellow pea, wrinkled pea, marrowfat pea, and green pea)	6-22F
Pigeon pea, edible podded, <i>Cajanus cajan</i> (L.) Huth	6-22B
Pigeon pea, succulent shelled, <i>Cajanus cajan</i> (L.) Huth	6-22D

Pigeon pea, dry seed, <i>Cajanus cajan</i> (L.) Huth	6-22F
Soybean, seed, <i>Glycine max</i> (L.) Merr	N/A
Sword bean, edible podded, <i>Canavalia gladiata</i> (Jacq.) DC	6-22A
Sword bean, dry seed, <i>Canavalia gladiata</i> (Jacq.) DC	6-22E
Vegetable soybean, edible podded (edamame), <i>Glycine max</i> (L.) Merr	6-22A
Vegetable soybean, succulent shelled (edamame), <i>Glycine max</i> (L.) Merr	6-22C
Velvetbean, edible podded, <i>Mucuna pruriens</i> (L.) DC	6-22A
Velvetbean, succulent shelled, <i>Mucuna pruriens</i> (L.) DC	6-22C
Velvetbean, dry seed, <i>Mucuna pruriens</i> (L.) DC	6-22E
Winged pea, edible podded, <i>Lotus tetragonolobus</i> L	6-22A
Winged pea, dry seed, <i>Lotus tetragonolobus</i> L	6-22E
Cultivars, varieties, and/or hybrids of these commodities	

(iii) *Crop subgroups*. The following table identifies the crop subgroups for Crop Group 6-22, specifies the representative commodities for each subgroup and lists all the commodities included in each subgroup.

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