

Environmental Protection Agency

§ 180.1

- 180.1392 *Streptomyces* sp. strain SYM00257; exemption from the requirement of a tolerance.
- 180.1393 *Methylobacterium extorquens* strain NLS0042; exemption from the requirement of a tolerance.
- 180.1394 Lysate of *Willaertia magna* C2c Maky; exemption from the requirement of a tolerance.
- 180.1395 Eugenol; exemption from the requirement of a tolerance.
- 180.1396 Extract of *Caesalpinia spinosa*; exemption from the requirement of a tolerance.
- 180.1398 Peptide Derived from Harpin Protein (PDHP) 25279; exemption from the requirement of a tolerance.
- 180.1399 Bacteriophage active against *Pseudomonas syringae* pv. *syringae*; exemption from the requirement of a tolerance.
- 180.1400 Bacteriophage active against *Xanthomonas arboricola* pv. *corylina*; exemption from the requirement of a tolerance.
- 180.1401 Bacteriophage active against *Xanthomonas arboricola* pv. *juglandis*; exemption from the requirement of a tolerance.
- 180.1402 Bacteriophage active against *Xanthomonas arboricola* pv. *pruni*; exemption from the requirement of a tolerance.
- 180.1403s Ledprona; temporary exemption from the requirement of a tolerance.

Subpart E—Pesticide Chemicals Not Requiring a Tolerance or an Exemption From a Tolerance

- 180.2000 Scope.
- 180.2003 Definitions.
- 180.2010 [Reserved]
- 180.2020 Non-food determinations.

AUTHORITY: 21 U.S.C. 321(q), 346a and 371.

SOURCE: 36 FR 22540, Nov. 25, 1971, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 180 appear at 62 FR 66023, Dec. 17, 1997.

GLOSSARY

NOTE: The items in this glossary were compiled as an aid to the users of the Code of Federal Regulations. Inclusion or exclusion from this glossary has no legal significance.

APPLI = APPLICATION

C-I MET = CHOLINESTERASE-INHIBITING METABOLITES

CARB = CARBAMATES

EPWRR = EDIBLE PORTION WITH RIND REMOVED

EXC = EXCEPT

I (IN PPM COLUMN) = INTERIM TOLERANCE

INC = INCLUDING

K = CWHR = KERNEL PLUS COB WITH HUSK REMOVED

MBYP = MEAT BYPRODUCTS

MIN = MINIMUM

N (IN PPM COLUMN) = NEGLIGIBLE RESIDUES

NMT = NOT MORE THAN

NON-PER BAG/PKGD RAC = NON-PERISHABLE PACKAGED OR BAGGED RAW AGRICULTURAL COMMODITY

PPM = PART(S) PER MILLION

POST-H = POSTHARVEST APPLICATION

PRE-H = PREHARVEST APPLICATION

PRE-S = PRESLAUGHTER APPLICATION

PRODS = PRODUCTS rollert

T (IN PPM COLUMN) = TEMPORARY TOLERANCE

[41 FR 4537, Jan. 30, 1976]

Subpart A—Definitions and Interpretative Regulations

§ 180.1 Definitions and interpretations.

(a) *Administrator*, without qualification, means the Administrator of the Environmental Protection Agency.

(b) *Agency*, without qualification, means the Environmental Protection Agency.

(c) *FFDCA* means the Federal Food, Drug, and Cosmetic Act, as amended, 21 U.S.C. 301–392.

(d) Raw agricultural commodities include, among other things, fresh fruits, whether or not they have been washed and colored or otherwise treated in their unpeeled natural form; vegetables in their raw or natural state, whether or not they have been stripped of their outer leaves, waxed, prepared into fresh green salads, etc.; grains, nuts, eggs, raw milk, meats, and similar agricultural produce. It does not include foods that have been processed, fabricated, or manufactured by cooking, freezing, dehydrating, or milling.

(e) Where a raw agricultural commodity bearing a pesticide chemical residue that has been exempted from the requirement of a tolerance, or which is within a tolerance permitted under FFDCA section 408, is used in preparing a processed food, the processed food will not be considered unsafe within the meaning of FFDCA sections 402 and 408(a), despite the lack of a tolerance or exemption for the pesticide chemical residue in the processed food, if:

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(1) The pesticide chemical has been used in or on the raw agricultural commodity in conformity with a tolerance under this section;

(2) The pesticide chemical residue has been removed to the extent possible in good manufacturing practice; and

(3) The concentration of the pesticide chemical residue in the processed food is not greater than the tolerance prescribed for the pesticide chemical residue on the raw agricultural commodity.

(f) For the purpose of computing fees as required by § 180.33, each group of re-

lated crops listed in § 180.34(e) and each crop group or subgroup listed in § 180.41 is counted as a single raw agricultural commodity in a petition or request for tolerances or exemption from the requirement of a tolerance.

(g) Tolerances and exemptions established for pesticide chemicals in or on the general category of raw agricultural commodities listed in column A apply to the corresponding specific raw agricultural commodities listed in column B. However, a tolerance or exemption for a specific commodity in column B does not apply to the general category in column A.

A	B
Alfalfa	<i>Medicago sativa</i> L. Subsp. <i>sativa</i> , (alfalfa, lucerne); <i>Onobrychis viciifolia</i> Scop. (sainfoin, holy clover, esparcet); and <i>Lotus corniculatus</i> L. (trefoil); and varieties and/or hybrids of these.
Banana	Banana, plantain.
Basil (<i>Ocimum</i> spp.)	Basil (<i>Ocimum basilicum</i> L.); Basil, American (<i>Ocimum americanum</i> L.); Basil, Greek (<i>Ocimum minimum</i> L.); Basil, holy (<i>Ocimum tenuiflorum</i> L.); Basil, lemon (<i>Ocimum x citriodorum</i> Vis.); Basil, Russian (<i>Ocimum gratissimum</i> L.)
Bean	<i>Cicer arietinum</i> (chickpea, garbanzo bean); <i>Lupinus</i> spp. (including, but not limited to, Andean lupin, blue lupin, grain lupin, sweet lupin, white sweet lupin, white lupin, and yellow lupin). <i>Phaseolus</i> spp. (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, snap bean, tepary bean, yellow bean, and wax bean); Broad bean (fava bean, faba bean); Goa bean (asparagus pea and winged bean); <i>Vigna</i> spp. (including 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); Guar bean; Horse gram; Jackbean; Lablab bean (hyacinth bean); Morama bean; African yam bean; American potato bean; Vegetable soybean (edamame); Sword bean; Velvetbean; Winged pea; cultivars, varieties and/or hybrids of these commodities. [Note: A variety of pesticide tolerances have been previously established for pea and/or bean. Chickpea/garbanzo bean is also listed in the definition for “pea”. For garbanzo bean/chickpea only, the highest established pea or bean tolerance will apply to pesticide residues found in this commodity].
Bean, dry, seed	All beans in the entry “Bean” in dry seed form.
Bean, edible podded	All beans in the entry “Bean” in edible podded form.
Bean, succulent	All beans in the entry “Bean” in edible podded or succulent shelled form.
Bean, succulent shelled	All beans in the entry “Bean” in succulent shelled form.
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).
Broccoli	Broccoli, Chinese broccoli (gai lon, white flowering broccoli).
Cabbage	Cabbage, Chinese cabbage (tight-heading varieties only).
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.
Celery	Celery, Florence fennel (sweet anise, sweet fennel, finocchio) (fresh leaves and stalks only).
Cherry	Cherry, sweet, and cherry, tart.

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A	B
Endive	Endive, escarole.
Fern, edible, fiddlehead	Fern, edible, fiddlehead including: Black lady fern, <i>Deparia japonica</i> (Thunb.) M. Kato; Bracken fern, <i>Pteridium aquilinum</i> (L.) Kuhn; Broad buckler fern, <i>Dryopteris dilatata</i> (Hoffm.) A. Gray; Cinnamon fern, <i>Osmundastrum cinnamomeum</i> (L.) C. Presl; Lady fern, <i>Athyrium filix-femina</i> (L.) Roth ex Mert.; Leather fern, <i>Acrostichum aureum</i> L.; Mother fern, <i>Diplazium proliferum</i> (Lam.) Thouars; Ostrich fern, <i>Matteuccia struthiopteris</i> (L.) Tod.; Vegetable fern, <i>Diplazium esculentum</i> (Retz.) Sw.; Zenmai fern, <i>Osmunda japonica</i> Thunb.
Flowers, edible, multiple species	Acacia blossoms (<i>Acacia senegal</i> (L.) Willd.); Alyssum, sweet (<i>Lobularia maritima</i> (L.) Desv.); Anchusa, garden (<i>Anchusa azurea</i> Mill.); Angelica (<i>Angelica archangelica</i> L.); Apricot, Japanese (<i>Prunus mume</i> Siebold & Zucc.); Arnica (<i>Arnica montana</i> L.); Arugula (<i>Eruca sativa</i> Mill.); Balm (<i>Melissa officinalis</i> L.); Banana (<i>Musa</i> spp.); Basil (<i>Ocimum</i> spp.); Begonia, tuberous (<i>Begonia x tuberhybrida</i> Voss); Bilimbi (<i>Averrhoa bilimbi</i> L.); Bisnaga (<i>Ammi visnaga</i> (L.) Lam.); Blue thistle (<i>Centaurea benedicta</i> (L.) L.); Borage (<i>Borago officinalis</i> L.); Broccoli (<i>Brassica oleracea</i> L. var. <i>italica</i> Plenck); Bugelweed (<i>Lycopus</i> spp.); Burnet (<i>Sanguisorba</i> spp.); Calendula (<i>Calendula officinalis</i> L.); Canadian goldenrod (<i>Solidago canadensis</i> L.); Caper (<i>Capparis spinosa</i> L.); Carambola (<i>Averrhoa carambola</i> L.); Carnation (<i>Dianthus caryophyllus</i> L.); Celandine, greater (<i>Chelidonium majus</i> L.); Chamomile (<i>Chamaemelum</i> spp. and <i>Matricaria</i> spp.); Chaparral (<i>Larrea tridentata</i> (DC.) Coville); Chervil (<i>Anthriscus cerefolium</i> (L.) Hoffm.); Chicory (<i>Cichorium intybus</i> L.); Chive, Chinese (<i>Allium tuberosum</i> Rottler ex Spreng.); Chrysanthemum (<i>Chrysanthemum</i> spp.); Clary (<i>Salvia sclarea</i> L.); Cleavers (<i>Galium aparine</i> L.); Clove (<i>Syzygium aromaticum</i> (L.) Merr. & L. M. Perry); Clover, red (<i>Trifolium pratense</i> L.); Coriander/Cilantro (<i>Coriandrum sativum</i> L.); Cornflower (<i>Centaurea cyanus</i> L.); Costmary (<i>Tanacetum balsamita</i> L. subsp. <i>balsamita</i>); Daisy, English (<i>Bellis perennis</i> L.); Dames rocket (<i>Hesperis matronalis</i> L.); Damiana (<i>Turnera diffusa</i> Willd.); Dandelion (<i>Taraxacum officinale</i> F. H. Wigg. aggr.); Daylily (<i>Hemerocallis fulva</i> (L.) L.); Dill (<i>Anethum graveolens</i> L.); Elder (<i>Sambucus nigra</i> L.); Eyebright (<i>Euphrasia</i> spp.); Feijoa (<i>Acca sellowiana</i> (O. Berg) Burret); Fennel (common) (<i>Foeniculum officinale</i> L.); Hyssop, anise (<i>Agastache foeniculum</i> (Pursh) Kuntze); Fuchsia (<i>Fuchsia</i> spp.); Gardenia (<i>Gardenia jasminoides</i> J. Ellis); Geranium (<i>Pelargonium</i> spp.); Geranium, lemon (<i>Pelargonium crispum</i> (P.J. Bergius) L'Her.); Geranium, rose (<i>Pelargonium graveolens</i> L'Hér.); Ginger, white (<i>Hedychium coronarium</i> J. Koenig); Gladiolus (<i>Gladiolus</i> spp.); Greater periwinkle (<i>Vinca major</i> L.); Hawthorn (<i>Crataegus monogyna</i> Jacq. <i>Crataegus</i> spp.); Hibiscus (<i>Hibiscus</i> spp.); Hibiscus, Chinese (<i>Hibiscus rosa-sinensis</i> L.); Hollyhock (<i>Alcea rosea</i> L.); Honeysuckle, Japanese (<i>Lonicera japonica</i> Thunb.); Horehound (<i>Marrubium vulgare</i> L.); Hyssop (<i>Hyssopus officinalis</i> L.); Hyssop, anise (<i>Agastache foeniculum</i> (Pursh) Kuntze); Impatiens (<i>Impatiens walleriana</i> Hook. f.); Jasmine, Arabian (<i>Jasminum sambac</i> (L.) Aiton); Kewra (<i>Pandanus fascicularis</i> Lam.); Lavender (<i>Lavandula angustifolia</i> Mill.); Lemon (<i>Citrus limon</i> (L.) Burm. f.); Lilac (<i>Syringa vulgaris</i> L.); Lily (<i>Lilium</i> spp.); Lily, mariposa (<i>Calochortus gunnisonii</i> S. Watson); Lily, sego (<i>Calochortus nuttallii</i> Torr. & A. Gray); Lotus (<i>Nelumbo nucifera</i> Gaertn.); Lovage (<i>Levisticum officinale</i> W. D. J. Koch); Mallow, high (<i>Malva sylvestris</i> L.); Marigold (<i>Tagetes</i> spp.); Marjoram (<i>Origanum</i> spp.); Meadowsweet (<i>Filipendula ulmaria</i> (L.) Maxim.); Mint (<i>Mentha</i> spp.); Mioga (<i>Zingiber mioga</i> (Thunb.) Roscoe); Monarda (<i>Monarda</i> spp.); Motherwort (<i>Leonurus cardiaca</i> L.); Mullein (<i>Verbascum thapsus</i> L., <i>Verbascum</i> spp.); Mustard (<i>Brassica</i> spp. and <i>Sinapis</i> spp.); Nasturtium (<i>Tropaeolum</i> spp.); Okra (<i>Abelmoschus esculentus</i> (L.) Moench); Orange, bitter (<i>Citrus aurantium</i> L.); Passion flower (<i>Passiflora</i> spp.); Pea blossoms (<i>Pisum sativum</i> L. subsp. <i>sativum</i> var. <i>sativum</i>); Peach (<i>Prunus persica</i> (L.) Batsch var. <i>persica</i>); Peony, common (<i>Paeonia officinalis</i> L.); Perilla (<i>Perilla frutescens</i> (L.) Britton); Petunia (<i>Petunia x hybrida</i> hort. ex E. Vilm.); Primrose (<i>Primula vulgaris</i> Huds.); Puget sound gumweed (<i>Grindelia integrifolia</i> DC.); Purslane, winter (<i>Claytonia perfoliata</i> Donn ex Willd.); Radish (<i>Raphanus sativus</i> L.); Redbud (<i>Cercis canadensis</i> L.); Rose (<i>Rosa</i> spp.); Rosemary (<i>Rosmarinus officinalis</i> L.); Rose-of-Sharon (<i>Hibiscus syriacus</i> L.); Runner bean, scarlet (<i>Phaseolus coccineus</i> L.); Safflower (<i>Carthamus tinctorius</i> L.); Sage (<i>Salvia officinalis</i> L.); Sage, pineapple (<i>Salvia elegans</i>); Savory, summer (<i>Satureja hortensis</i> L.); Saxifrage, burnet (<i>Pimpinella saxifraga</i> L.); Scotch broom (<i>Cytisus scoparius</i> (L.) Link.); Shepherd's purse (<i>Capsella bursa-pastoris</i> (L.) Medik.); Snapdragon (<i>Antirrhinum majus</i> L.); Sorrel, garden (<i>Rumex acetosa</i> L.); Sorrel, wood (<i>Oxalis acetosella</i> L.); Spilanthes (<i>Blainvillea acmella</i> (L.) Philipson); Squash (<i>Cucurbita</i> spp.); Stock, gillyflower (<i>Matthiola incana</i> (L.) W. T. Aiton); Stoneroot (<i>Collinsonia canadensis</i> L.); Sunflower (<i>Helianthus annuus</i> L.); Sweet william (<i>Dianthus barbatus</i> L.); Sweet wormwood (<i>Artemisia annua</i> L.); Thyme (<i>Thymus vulgaris</i> L.); Tuberose (<i>Polianthes tuberosa</i> L.); Tulip (<i>Tulipa</i> spp.); Verbena, blue (<i>Verbena hastata</i> L.); Verbena, lemon (<i>Aloysia citrodora</i> Palau); Violet (<i>Viola</i> spp.); Wormwood (<i>Artemisia absinthium</i> L.); Yarrow (<i>Achillea millefolium</i> L.); Yucca (<i>Yucca</i> spp.); and other edible flowers.

A	B
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Watson); Lily, sego (<i>Calochortus nuttallii</i> Torr. & A. Gray); Lotus (<i>Nelumbo nucifera</i> Gaertn.); Lovage (<i>Levisticum officinale</i> W. D. J. Koch); Mallow, high (<i>Malva sylvestris</i> L.); Marigold (<i>Tagetes</i> spp.); Marjoram (<i>Origanum</i> spp.); Meadowsweet (<i>Filipendula ulmaria</i> (L.) Maxim.); Mint (<i>Mentha</i> spp.); Mioga (<i>Zingiber mioga</i> (Thunb.) Roscoe); Monarda (<i>Monarda</i> spp.); Motherwort (<i>Leonurus cardiaca</i> L.); Mullein (<i>Verbascum thapsus</i> L., <i>Verbascum</i> spp.); Mustard (<i>Brassica</i> spp. and <i>Sinapis</i> spp.); Nasturtium (<i>Tropaeolum</i> spp.); Okra (<i>Abelmoschus esculentus</i> (L.) Moench); Orange, bitter (<i>Citrus aurantium</i> L.); Passion flower (<i>Passiflora</i> spp.); Pea blossoms (<i>Pisum sativum</i> L. subsp. <i>sativum</i> var. <i>sativum</i>); Peach (<i>Prunus persica</i> (L.) Batsch var. <i>persica</i>); Peony, common (<i>Paeonia officinalis</i> L.); Perilla (<i>Perilla frutescens</i> (L.) Britton); Petunia (<i>Petunia x hybrida</i> hort. ex E. Vilm.); Primrose (<i>Primula vulgaris</i> Huds.); Puget sound gumweed (<i>Grindelia integrifolia</i> DC.); Purslane, winter (<i>Claytonia perfoliata</i> Donn ex Willd.); Radish (<i>Raphanus sativus</i> L.); Redbud (<i>Cercis canadensis</i> L.); Rose (<i>Rosa</i> spp.); Rosemary (<i>Rosmarinus officinalis</i> L.); Rose-of-Sharon (<i>Hibiscus syriacus</i> L.); Runner bean, scarlet (<i>Phaseolus coccineus</i> L.); Saf-flower (<i>Carthamus tinctorius</i> L.); Sage (<i>Salvia officinalis</i> L.); Sage, pineapple (<i>Salvia elegans</i>); Savory, summer (<i>Satureja hortensis</i> L.); Saxifrage, burnet (<i>Pimpinella saxifraga</i> L.); Scotch broom (<i>Cytisus scoparius</i> (L.) Link.); Shepherd's purse (<i>Capsella bursa-pastoris</i> (L.) Medik.); Snapdragon (<i>Antirrhinum majus</i> L.); Sorrel, garden (<i>Rumex acetosa</i> L.); Sorrel, wood (<i>Oxalis acetosella</i> L.); Spilanthes (<i>Blainvillea acmella</i> (L.) Philipson); Squash (<i>Cucurbita</i> spp.); Stock, gillyflower (<i>Matthiola incana</i> (L.) W. T. Aiton); Stoneroot (<i>Collinsonia canadensis</i> L.); Sunflower (<i>Helianthus annuus</i> L.); Sweet william (<i>Dianthus barbatus</i> L.); Sweet wormwood (<i>Artemisia annua</i> L.); Thyme (<i>Thymus vulgaris</i> L.); Tuberose (<i>Polianthes tuberosa</i> L.); Tulip (<i>Tulipa</i> spp.); Verbena, blue (<i>Verbena hastata</i> L.); Verbena, lemon (<i>Aloysia citrodora</i> Palau); Violet (<i>Viola</i> spp.); Wormwood (<i>Artemisia absinthium</i> L.); Yarrow (<i>Achillea millefolium</i> L.); Yucca (<i>Yucca</i> spp.); and other edible flowers.
Fruit, citrus	Grapefruit, lemon, lime, orange, tangelo, tangerine, citrus citron, kumquat, and hybrids of these.
Garlic	Garlic, great headed; garlic, and serpent garlic.
Guava	Guava (<i>Psidium guajava</i> L.); Guava, cattley (<i>Psidium cattleianum</i> Sabine); Guava, Para (<i>Psidium acutangulum</i> DC.); Guava, purple strawberry (<i>Psidium cattleianum</i> Sabine var. <i>cattleianum</i>); Guava, strawberry (<i>Psidium cattleianum</i> Sabine var. <i>littorale</i> (Raddi) Fosberg); Guava, yellow strawberry (<i>Psidium cattleianum</i> Sabine var. <i>cattleianum</i> forma <i>lucidum</i> O. Deg.)
Lettuce	Lettuce, head; and lettuce, leaf
Lettuce, head	Lettuce, head; crisphead varieties only
Lettuce, leaf	Lettuce, leaf; cos (romaine), butterhead varieties

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A	B
Marjoram (<i>Origanum</i> spp.); Marjoram, pot (<i>Origanum onites</i> L.); Marjoram, sweet (<i>Origanum majorana</i> L.); Oregano (<i>Origanum vulgare</i> L.)	<i>Origanum</i> spp. (includes sweet or annual marjoram, wild marjoram or oregano, and pot marjoram).
Melon	Muskmelon, including hybrids and/or varieties of <i>Cucumis melo</i> (including 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.).
Mint (<i>Mentha</i> spp.)	Mint (<i>Mentha</i> spp.); Applemint (<i>Mentha suaveolens</i> Ehrh.); Horsemint (<i>Mentha longifolia</i> (L.) Huds.); Mint, corn (<i>Mentha arvensis</i> L.); Peppermint (<i>Mentha. x piperita</i> L.); Spearmint, (<i>Mentha spicata</i> L.); Spearmint, Scotch (<i>Mentha x gracilis</i> Sole); Watermint (<i>Mentha aquatica</i> L.); Pennyroyal (<i>Mentha pulegium</i> L.)
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.)
Onion	Bulb onion; green onion; and garlic.
Onion, bulb	Bulb onion; garlic; great headed garlic; serpent garlic; Chinese onion; pearl onion; potato onion; and shallot, bulb.
Onion, green	Green onion; lady's leek; leek; wild leek; Beltsville bunching onion; fresh onion; tree onion, tops; Welsh onion; and shallot, fresh leaves.
Palm hearts	Palm hearts, various species, including: African fan palm, <i>Borassus aethiopum</i> Mart.; Cabbage palm, <i>Euterpe oleracea</i> Mart.; Cabbage palmetto, <i>Sabal palmetto</i> (Walter) Schult. & Schult. f.; Coconut, <i>Cocos nucifera</i> L.; Palmyra palm, <i>Borassus flabellifera</i> L.; Peach Palm, <i>Bactris gasipaes</i> Kunth; Royal palm, <i>Roystonea oleracea</i> (Jacq.) O.F. Cook; Salak palm, <i>Salacca zalacca</i> (Gaertn.) Voss; Saw palmetto, <i>Serenoa repens</i> (W. Bartram) Small; Wine palm, <i>Raphia</i> spp.
Peach	Peach, nectarine
Pea	<i>Cajanus cajan</i> (pigeon pea); <i>Cicer arietinum</i> (chickpea, garbanzo bean); <i>Lens culinaris</i> (lentil); Grass pea; <i>Pisum</i> spp. (including, but not limited to dry pea, dwarf pea, English pea, field pea, garden pea, green pea, marrowfat pea, snap pea, snow pea, sugar snap pea, wrinkled pea and yellow pea); cultivars, varieties and/or hybrids of these commodities. [Note: A variety of pesticide tolerances have been previously established for pea and/or bean. Chickpea/garbanzo bean is also listed in the definition for "bean". For garbanzo bean/chickpea only, the highest established pea or bean tolerance will apply to pesticide residues found in this commodity.] <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, seed	All peas in the entry "Pea" in dry seed form.
Pea, edible podded	All peas in the entry "Pea" in edible podded form.
Pea, succulent	All peas in the entry "Pea" in edible podded or succulent shelled form.
Pea, succulent shelled	All peas in the entry "Pea" in succulent shelled form.
Pepper	All varieties of pepper including pimento and bell, hot, and sweet pepper.
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.
Rapeseed	<i>Brassica napus</i> , <i>B. campestris</i> , and <i>Crambe abyssinica</i> (oilseed-producing varieties only which include canola and crambe.)
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).
Sorghum, grain, grain	<i>Sorghum</i> spp. [sorghum, grain, sudangrass (seed crop), and hybrids of these grown for its seed].
Sorghum, forage, stover	<i>Sorghum</i> spp. [sorghum, forage; sorghum, stover; sudangrass, and hybrids of these grown for forage and/or stover.

A	B
Squash	Pumpkin, summer squash, and winter squash.
Sugar apple	<i>Annona squamosa</i> L. and its hybrid atemoya (<i>Annona cherimola</i> Mill X <i>A. squamosa</i> L.) Also includes true custard apple (<i>Annona reticulata</i> L.).
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.
Sweet potato	Sweet potato, yam.
Tangerine	Tangerine (mandarin or mandarin orange); clementine; Mediterranean mandarin; satsuma mandarin; tangelo; tangor; cultivars, varieties, and/or hybrids of these.
Tomato	Tomato, tomatillo.
Turnip tops or turnip greens	Broccoli raab (raab, raab salad), hanover salad, turnip tops (turnip greens).
Wheat	Wheat, triticale.

(h) Unless otherwise specified in this paragraph or in tolerance regulations prescribed in this part for specific pesticide chemicals, the raw agricultural commodity or processed food to be examined for pesticide residues, shall consist of the whole raw agricultural commodity or processed food.

(1) The raw agricultural commodity bananas, when examined for pesticide residues, shall not include any crown tissue or stalk.

(2) Shell shall be removed and discarded from nuts before examination for pesticide residues.

(3) Caps (hulls) shall be removed and discarded from strawberries before examination for pesticide residues.

(4) Stems shall be removed and discarded from melons before examination for pesticide residues.

(5) Roots, stems, and outer sheaths (or husks) shall be removed and discarded from garlic bulbs and dry bulb onions, and only the garlic cloves and onion bulbs shall be examined for pesticide residues.

(6) Where a tolerance is established on a root vegetable including tops and/or with tops, and the tops and the roots are marketed together, they shall be analyzed separately and neither the pesticide residue on the roots nor the pesticide residue on the tops shall exceed the tolerance level, except that in the case of carrots, parsnips, and rutabagas, the tops shall be removed and

discarded before analyzing roots for pesticide residues.

(7) The crowns (leaves at the top of the fruit) shall be removed and discarded from pineapples before examination for pesticide residues.

(8) The term *lima beans* means the beans and the pod.

(9) The term *peanuts* means the peanut meat after removal of the hulls.

(10) For processed foods consisting primarily of one ingredient and sold in a form requiring further preparation prior to consumption (e.g., fruit juice concentrates, dehydrated vegetables, and powdered potatoes), the processed food to be examined for residues shall be the whole processed commodity after compensating for or reconstituting to the commodity's normal moisture content, unless a tolerance for the concentrated or dehydrated food form is included in this part. If there exists a tolerance for a specific pesticide on the processed food in its concentrated or dehydrated food form, for the purpose of determining whether the food is in compliance with that tolerance, the processed food to be examined for residues shall be the whole processed commodity on an "as is" basis.

(i) The term *pesticide chemical* shall have the meaning specified in FFDCA section 201(q)(1), as amended, except as provided in §180.4.

(j) The term *negligible residue* means any amount of a pesticide chemical remaining in or on a raw agricultural commodity or group of raw agricultural commodities that would result in a daily intake regarded as toxicologically insignificant on the basis of scientific judgment of adequate safety data. Ordinarily this will add to the diet an amount which will be less than 1/2,000th of the amount that has been demonstrated to have no effect from feeding studies on the most sensitive animal species tested. Such toxicity studies shall usually include at least 90-day feeding studies in two species of mammals.

(k) The term *nonperishable raw agricultural commodity* means any raw agricultural commodity not subject to rapid decay or deterioration that would render it unfit for consumption. Examples are cocoa beans, coffee beans, field-dried beans, field-dried peas, grains, and nuts. Not included are eggs, milk, meat, poultry, fresh fruits, and vegetables such as onions, parsnips, potatoes, and carrots.

(l) The term *tolerance with regional registration* means any tolerance which is established for pesticide residues resulting from the use of the pesticide pursuant to a regional registration. Such a tolerance is supported by residue data from specific growing regions for a raw agricultural commodity. Individual tolerances with regional registration are designated in separate subsections in 40 CFR 180.101 through 180.999, as appropriate. Additional residue data which are representative of the proposed use area are required to expand the geographical area of usage of a pesticide on a raw agricultural commodity having an established "tolerance with regional registration." Persons seeking geographically broader registration of a crop having a "tolerance with regional registration" should contact the appropriate EPA product manager concerning additional residue data required to expand the use area.

(m) The term *pesticide chemical residue* shall have the meaning specified in FFDCA section 201(q)(2), as amended, except as provided in § 180.4.

(n) The term *food commodity* means:

(1) Any raw agricultural commodity (food or feed) as defined in section 201(r) of the Federal Food, Drug, and Cosmetic Act (FFDCA); and

(2) Any processed food or feed as defined in section 201(gg) of the FFDCA.

[36 FR 22540, Nov. 25, 1971]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 180.1, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.govinfo.gov.

§ 180.3 Tolerances for related pesticide chemicals.

(a) Pesticide chemicals that cause related pharmacological effects will be regarded, in the absence of evidence to the contrary, as having an additive deleterious action. (For example, many pesticide chemicals within each of the following groups have related pharmacological effects: Chlorinated organic pesticides, arsenic-containing chemicals, metallic dithiocarbamates, cholinesterase-inhibiting pesticides.)

(b) Tolerances established for such related pesticide chemicals may limit the amount of a common component (such as As_2O_3) that may be present, or may limit the amount of biological activity (such as cholinesterase inhibition) that may be present, or may limit the total amount of related pesticide chemicals (such as chlorinated organic pesticides) that may be present.

(c)(1) Where tolerances for inorganic bromide in or on the same raw agricultural commodity are set in two or more sections in this part (example: §§ 180.123 and 180.199), the overall quantity of inorganic bromide to be tolerated from use of the same pesticide in different modes of application or from two or more pesticide chemicals for which tolerances are established is the highest of the separate applicable tolerances. For example, where the bromide tolerance on asparagus from methyl bromide commodity fumigation is 100 parts per million (40 CFR 180.123) and on asparagus from methyl bromide soil treatment is 300 parts per million (40 CFR 180.199), the overall inorganic bromide tolerance for asparagus grown on methyl bromide-treated soil and also fumigated with methyl bromide after harvest is 300 parts per million.