§ 180.3, Ni.


Fenthion (O,O-dimethyl O-[3-methyl-4-(methylthio)phenyl]phosphorothioate and its cholinesterase-inhibiting metabolites.

Malathion, N-Mercaptomethylphthalimide S-(O,O-dimethyl phosphorodithioate).

N-Mercaptomethylphthalimide S-(O,O-dimethyl phosphorothioate).

Methomyl (S-methyl N-[(methylcarbamoyl)oxy]thioacetimidate).

1-Methoxycarbonyl-1-propen-2-yl dimethyl phosphate and its beta isomer.

m-(1-Methylbutyl)phenyl methylcarbamate.

Methyl parathion.

Naled (1,2-dibromo-2,2-dichloroethyl dimethyl phosphate).

Oxamyl (methyl N,N-dimethyl-N-[(methylcarbamoyl)oxy]-1-thioacetimidate).

Parathion.

Phorate (O,O-diethyl S-(ethylthio)methyl phosphorodithioate) and its cholinesterase-inhibiting metabolites.

Phosalone (S-(6-chloro-3-mercaptopentyl)-2-benzoxazolinone) O,O-diethyl phosphorodithioate).

Phosphamidon (2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate) including all of its related cholinesterase-inhibiting compounds.

Pirimiphos-methyl O-[2-diethylamino-6-methyl-pyrimidinyl] O,O-dimethyl phosphorothioate.

Ronnel.

Schradan (octamethylpyrophosphoramide).

Tetraethyl pyrophosphate, O,O,O,O′-Tetramethyl O,O′-sulfanyldi-p-phenylene phosphorothioate.

O,O,O′-Tetramethyl O,O′-thiodi-p-phenylene phosphorothioate.

Tributyl phosphorotrithioate.

S,S,S′-Tributyl phosphorotrithioate.

3,4,5′-Trimethylphenyl methylcarbamate and its isomer 2,3,5′-trimethylphenyl methylcarbamate.

(5) Where tolerances are established for more than one member of the class of dithiocarbamates listed in paragraph (e)(3) of this section on the same raw agricultural commodity, the total residue of such pesticides shall not exceed that permitted by the highest tolerance established for any one member of the class, calculated both as zinc ethylenebis(dithiocarbamate) and carbon disulfide. The tolerance based on zinc ethylenebis(dithiocarbamate) shall first be multiplied by 0.6 to convert it to the equivalent carbon disulfide tolerance, and then the carbon disulfide tolerance levels will be compared to determine the highest tolerance level per raw agricultural commodity.

§ 180.4 Exceptions.

The substances listed in this section are excepted from the definitions of “pesticide chemical” and “pesticide chemical residue” under FFDCA section 201(q)(3) and are therefore exempt from regulation under FFDCA section 402(a)(2)(B) and 408. These substances are subject to regulation by the Food and Drug Administration as food additives under FFDCA section 408.

(a) Inert ingredients in food packaging treated with a pesticide, when such inert ingredients are the components of the food packaging material (e.g., paper and cardboard, coatings, adhesives, and polymers).

(b) [Reserved]

§ 180.5 Zero tolerances.

A zero tolerance means that no amount of the pesticide chemical may remain on the raw agricultural commodity when it is offered for shipment. A zero tolerance for a pesticide chemical in or on a raw agricultural commodity may be established because, among other reasons:
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§ 180.6  Pesticide tolerances regarding milk, eggs, meat, and/or poultry; statement of policy.

(a) When establishing tolerances for pesticide residues in or on raw agricultural commodities, consideration is always given to possible residues of those pesticide chemicals or their conversion products entering the diet of man through the ingestion of milk, eggs, meat, and/or poultry produced by animals fed agricultural products bearing such pesticide residues. In each instance an evaluation of all available data will result in a conclusion either:

(1) That finite residues will actually be incurred in these foods from feed use of the raw agricultural commodity including its byproducts; or

(2) That it is not possible to establish with certainty whether finite residues will be incurred, but there is a reasonable expectation of finite residues; or

(3) That it is not possible to establish with certainty whether finite residues will be incurred, but there is no reasonable expectation of finite residues.

(b) When the data show that finite residues will actually be incurred in milk, eggs, meat, and/or poultry, a tolerance will be established on the raw agricultural commodity used as feed provided that tolerances can be established at the same time, on the basis of the toxicological and other data available, for the finite residues incurred in milk, eggs, meat, and/or poultry. When it is not possible to determine with certainty whether finite residues will be incurred in milk, eggs, meat, and/or poultry but there is a reasonable expectation of finite residues in light of data reflecting exaggerated pesticides levels in feeding studies, a tolerance will be established on the raw agricultural commodity provided that appropriate tolerances can be established at the same time, on the basis of the toxicological and other data available, for the finite residues likely to be incurred in these foods through the feed use of the raw agricultural commodity or its byproducts. When it is not possible to determine with certainty whether finite residues will be incurred in milk, eggs, meat, and/or poultry but there is no reasonable expectation of finite residues in light of data such as those reflecting exaggerated pesticide levels in feeding studies and those elucidating the biochemistry of the pesticide chemical in the animal, a tolerance may be established on the raw agricultural commodity without the necessity of a tolerance on food products derived from the animal.

(c) The principles outlined in paragraphs (a) and (b) of this section will also be followed with respect to tolerances for residues which will actually be incurred or are reasonably to be expected in milk, eggs, meat, and/or poultry by the use of pesticides directly on the animal or administered purposely in the feed or drinking water.

(d) Tolerances contemplated by paragraphs (a) and (b) of this section will in addition to toxicological considerations be conditioned on the availability of a practicable analytical method to determine the pesticide residue; that is, the method must be sensitive and reliable at the tolerance level or in special cases at a higher level where such level is deemed satisfactory and safe in light of the toxicity of the pesticide residue and of the unlikelihood of such residue exceeding the tolerance. The analytical methods to be used for enforcement purposes will be those set forth in the “Pesticide Analytical Manual” (see §180.101(c)). The sensitivities of these methods are expressed in that manual.