

Environmental Protection Agency

§ 180.110

§ 180.108 Acephate; tolerances for residues.

(a) *General.* (1) Tolerances are established for combined residues of acephate (*O,S*-dimethyl acetylphosphoramidothioate) and its cholinesterase-inhibiting metabolite *O,S*-dimethylphosphura-midothioate in or on raw agricultural commodities as follows:

Commodity	Parts per million
Bean (succulent and dry form, of which no more than 1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	3
Brussels sprouts (of which no more than 0.5 is <i>O,S</i> -dimethyl phosphoramido-thioate)	3.0
Cattle, fat	0.1
Cattle, meat byproducts	0.1
Cattle, meat	0.1
Cauliflower (of which no more than 0.5 is <i>O,S</i> -dimethyl phosphoramido-thioate)	2.0
Celery (of which no more than 1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	10
Cottonseed	2
Cotton, hulls	4
Cotton, meal	8
Cranberry (of which no more than 0.1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	0.5
Egg	0.1
Goat, fat	0.1
Goat, meat byproducts	0.1
Goat, meat	0.1
Grass (pasture & range)	15
Grass hay	15
Hog, fat	0.1
Hog, meat byproducts	0.1
Hog, meat	0.1
Horse, fat	0.1
Horse, meat byproducts	0.1
Horse, meat	0.1
Lettuce, head (of which no more than 1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	10
Milk	0.1
Mint hay (of which no more than 1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	15.0
Peanut	0.2
Pepper (of which no more than 1 ppm is <i>O,S</i> -dimethyl phosphoramidothioate)	4.0
Poultry, fat	0.1
Poultry, meat byproducts	0.1
Poultry, meat	0.1
Sheep, fat	0.1
Sheep, meat byproducts	0.1
Sheep, meat	0.1
Soybean, meal	4
Soybean	1

(2) A food additive tolerance of 0.02 ppm is established for the combined residues of acephate (*O,S*-dimethyl acetylphosphoramidothioate) and its cholinesterase-inhibiting metabolite, methamidophos as follows:

(i) In or on all food items (other than those already covered by a higher tolerance as a result of use on growing crops) in food handling establishments.

(ii) The acephate may be present as a residue from applications of acephate in food handling establishments, including food service, manufacturing and processing establishments, such as restaurants, cafeterias, supermarkets, bakeries, breweries, dairies, meat slaughtering and packing plants, and canneries in accordance with the following prescribed conditions:

(A) Application shall be limited solely to spot and/or crack and crevice treatment in food handling establishments where food and food products are held, processed, prepared and served. Spray concentration shall be limited to a maximum of 1.0 percent active ingredient. For crack and crevice treatments, equipment capable of delivering a pin-stream of insecticide shall be used. For spot treatments, a coarse, low-pressure spray shall be used to avoid atomization or splashing of the spray. Contamination of food or food-contact surfaces shall be avoided.

(B) To assure safe use of the insecticide, its label and labeling shall conform to that registered by the U.S. Environmental Protection Agency, and it shall be used in accordance with such label and labeling.

(b) *Section 18 emergency exemptions.* [Reserved]

(c) *Tolerances with regional registration.* Tolerances with regional registration, as defined in §180.1(n), are established for the combined residues of acephate and its cholinesterase-inhibiting metabolite in or on the following raw agricultural commodities:

Commodity	Parts per million
Nut, macadamia	0.05

(d) *Indirect or inadvertent residues.* [Reserved]

[63 FR 13542, Mar. 20, 1998]

§ 180.110 Maneb; tolerances for residues.

(a) *General.* Tolerances for residues of the fungicide maneb (manganous ethylenebisdithiocarbamate), calculated as zinc ethylenebisdithiocarbamate, are established in or on raw agricultural commodities in the following table:

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Commodity	Parts per million	Expiration/Revocation Date
Almond	0.1	None
Apple	2	None
Apricot	10	None
Banana (not more than 0.5 part per million) shall be in the pulp after peel is removed and discarded (preharvest application only)	4	None
Bean (dry form)	7	None
Bean, succulent	10	None
Beet, sugar, tops	45	None
Broccoli	10	None
Brussels sprouts	10	None
Cabbage	10	None
Cabbage, chinese	10	None
Carrots	7	None
Cauliflower	10	None
Celery	5	None
Collards	10	None
Cranberry	7	None
Cucumber	4	None
Eggplant	7	None
Endive (escarole)	10	None
Fig	7	None
Grape	7	None
Kale	10	None
Kohlrabi	10	None
Lettuce	10	None
Melon	4	None
Mustard greens	10	None
Nectarine	10	None
Onion	7	None
Papaya	10	None
Peach	10	None
Pepper	7	None
Potato	0.1	None
Pumpkin	7	None
Squash, summer	4	None
Squash, winter	4	None
Sweet corn, kernel plus cob with husks removed	5	None
Tomato	4	None
Turnip, roots	7	None
Turnip, tops	10	None

(b) Section 18 emergency exemptions. A time-limited tolerance is established for residues of the fungicide maneb (manganous ethylenebisdithiocarbamate), calculated as zinc ethylenebisdithiocarbamate, and its metabolite ethylenethiourea in connection with use of the pesticide under a section 18 emergency exemption granted by EPA. The tolerance will expire and is revoked on the date specified in the following table:

Commodity	Parts per million	Expiration/revocation date
Walnut	0.05	12/31/03

(c) Tolerances with regional registrations. [Reserved]

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(d) Indirect or inadvertent residues. [Reserved]

[62 FR 49924, Sept. 24, 1997, as amended at 63 FR 57072, Oct. 26, 1998; 64 FR 13103, Mar. 17, 1999; 64 FR 72284, Dec. 27, 1999; 66 FR 64773, Dec. 14, 2001]

§ 180.111 Malathion; tolerances for residues.

(a) General. (1) Tolerances are established for residues of the insecticide malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate) in or on the following food commodities:

Commodity	Parts per million
Alfalfa (PRE-H)	135
Almond, hulls (PRE-H)	50
Almond (PRE- and POST-H)	8
Almonds, shells	50
Apple (PRE-H)	8
Apricot (PRE-H)	8
Asparagus (PRE-H)	8
Avocado (PRE-H)	8
Barley, grain (PRE- and POST-H)	8
Bean (PRE-H)	8
Beet (including tops) (PRE-H)	8
Beet, sugar, roots (PRE-H)	1
Beet, sugar, tops (PRE-H)	8
Blackberry (PRE-H)	8
Blueberry (PRE-H)	8
Boysenberry (PRE-H)	8
Carrots (PRE-H)	8
Cattle, fat (PRE-S)	4
Cattle, meat byproducts ¹ (PRE-S)	4
Cattle, meat ¹ (PRE-S)	4
Chayote fruit	8
Chayote roots	8
Cherry (PRE-H)	8
Chestnut (PRE-H)	1
Clover (PRE-H)	135
Corn, forage (PRE-H)	8
Corn, fresh (including sweet, kernel plus cob with husks removed) (PRE-H)	2
Corn, grain, postharvest	8
Cottonseed (PRE-H)	2
Cowpea, forage (PRE-H)	135
Cowpea, hay (PRE-H)	135
Cranberry (PRE-H)	8
Cucumber (PRE-H)	8
Currant (PRE-H)	8
Dates (PRE-H)	8
Dewberry (PRE-H)	8
Eggplant (PRE-H)	8
Egg (from application to poultry)	0.1
Fig (PRE-H)	8
Filbert (PRE-H)	1
Flax seed	0.1
Flax, straw	1
Garlic (PRE-H)	8
Goat, fat (PRE-S)	4
Goat, meat byproducts ¹ (PRE-S)	4
Goat, meat ¹ (PRE-S)	4
Gooseberry (PRE-H)	8
Grapefruit (PRE-H)	8
Grape (PRE-H)	8
Grass (PRE-H)	135
Grass, hay (PRE-H)	135
Guava (PRE-H)	8