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Commodity	Parts per million	Expiration/Revocation Date
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, greens	10	None
Turnip, roots	7	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	12/31/08

(c) *Tolerances with regional registrations.* [Reserved]

(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; 68 FR 37764, June 25, 2003; 70 FR 37696, June 30, 2005; 70 FR 75739, Dec. 21, 2005]

§ 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	135
Almond, hulls	50

Commodity	Parts per million
Almond, postharvest	8
Almonds, shells	50
Apple	8
Apricot	8
Asparagus	8
Avocado	8
Barley, grain, postharvest	8
Bean	8
Beet (including tops)	8
Beet, sugar, roots	1
Beet, sugar, tops	8
Blackberry	8
Blueberry	8
Boysenberry	8
Carrot, roots	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	8
Chestnut	1
Clover	135
Corn, forage	8
Corn, fresh (including sweet, kernel plus cob with husks removed)	2
Corn, grain, postharvest	8
Cotton, undelinted seed	2
Cowpea, forage	135
Cowpea, hay	135
Cranberry	8
Cucumber	8
Currant	8
Dates	8
Dewberry	8
Eggplant	8
Egg (from application to poultry)	0.1
Fig	8
Filbert	1
Flax seed	0.1
Flax, straw	1
Garlic	8
Goat, fat (PRE-S)	4
Goat, meat byproducts ¹ (PRE-S)	4
Goat, meat ¹ (PRE-S)	4
Gooseberry	8
Grapefruit	8
Grape	8
Grass	135
Grass, hay	135
Guava	8
Hog, fat (PRE-S)	4
Hog, meat byproducts ¹ (PRE-S)	4
Hog, meat ¹ (PRE-S)	4
Hop	1
Horseradish	8
Horse, fat (PRE-S)	4
Horse, meat byproducts ¹ (PRE-S)	4
Horse, meat ¹ (PRE-S)	4
Kumquat	8
Leek	8
Lemon	8
Lentil, seed	8
Lespedeza, hay	135
Lespedeza, seed	8
Lespedeza, straw	135
Lime	8
Loganberry	8
Lupine, seed	8
Mango	8
Melon	8
Milk, fat (from application to dairy cows)	0.5
Mushroom	8

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Commodity	Parts per million
Nectarine	8
Nut, macadamia	1
Oat, grain, postharvest	8
Okra	8
Onion (including green onion)	8
Orange, sweet	8
Papaya	1
Parsnip	8
Passionfruit	8
Peach	8
Peanut, forage	135
Peanut, hay	135
Peanut, postharvest	8
Pear	8
Pea	8
Peavine, hay	8
Peavines	8
Pecans	8
Peppermint	8
Pepper	8
Pineapple	8
Plum	8
Potato	8
Poultry, fat (PRE-S)	4
Poultry, meat byproducts ¹ (PRE-S)	4
Poultry, meat ¹ (PRE-S)	4
Plum, prune	8
Pumpkin	8
Quince	8
Radish	8
Raspberry	8
Rice, grain, postharvest	8
Rice, wild	8
Rutabagas	8
Rye, grain, postharvest	8
Safflower, seed	0.2
Salsify (including tops)	8
Shallots	8
Sheep, fat (PRE-S)	4
Sheep, meat byproducts ¹ (PRE-S)	4
Sheep, meat ¹ (PRE-S)	4
Sorghum, forage	8
Sorghum, grain, postharvest	8
Soybean (dry and succulent)	8
Soybean, forage	135
Soybean, hay	135
Spearmint, tops	8
Squash, summer and winter	8
Strawberry	8
Sunflower, seed (Post-H)	8
Sweet potato, roots	1
Tangerine	8
Tomato	8
Trefoil, birdsfoot, forage	135
Trefoil, birdsfoot, hay	135
Turnip (including tops)	8
Vegetable, brassica, leafy, group 5	8
Vegetables, leafy (except Brassica)	8
Vetch, hay	135
Vetch, seed	8
Vetch, straw	135
Walnut	8
Wheat, grain, postharvest	8

¹The tolerance level shall not be exceeded in any cut of meat or in any meat byproducts from cattle, goat, hog, horse, poultry, or sheep.

(2) Malathion may be safely used in accordance with the following conditions:

(i) It is incorporated into paper trays in amounts not exceeding 100 milligrams per square foot.

(ii) Treated paper trays are intended for use only in the drying of grape (raisins).

(iii) Total residues of malathion resulting from drying of grape on treated trays and from application to grape before harvest shall not exceed 12 parts per million on processed ready-to-eat raisins.

(3) Residues of malathion in refined safflower oil from application to the growing safflower plant shall not exceed 0.6 parts per million.

(4) Malathion may be safely used for the control of insects during the drying of grape (raisins) in compliance with paragraph (a)(2) of this section by incorporation into paper trays in amounts not exceeding 100 milligrams per square foot.

(5) Malathion (*O,O*-dimethyl dithiophosphate of diethyl mercaptosuccinate) may be safely used in feed in accordance with the following conditions.

(i) A tolerance of 50 parts per million is established for residues of malathion in dehydrated citrus pulp for cattle feed, when present as the result of the application of the pesticide to bagged citrus pulp during storage. Whether or not tolerances for residues of malathion on the fresh fruit have been established under section 408 of the Act, the total residue of malathion in the dried citrus pulp shall not exceed 50 parts per million.

(ii) A tolerance of 10 parts per million is established for malathion in non-medicated cattle feed concentrate blocks resulting from its application as a pesticide to paper used in packaging the nonmedicated cattle feed concentrate blocks.

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

(c) *Tolerances with regional registrations.* [Reserved]

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

[43 FR 22974, May 30, 1978, as amended at 43 FR 45584, Oct. 3, 1978; 44 FR 38844, July 3, 1979; 45 FR 76145, Nov. 18, 1980; 47 FR 42738, Sept. 29, 1982; 47 FR 55226, Dec. 8, 1982; 52 FR 45183, Nov. 25, 1987; 62 FR 66023, 66025, Dec. 17, 1997; 65 FR 33694, May 24, 2000]