

Environmental Protection Agency

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§ 180.368 Metolachlor; tolerances for residues.

(a) *General.* (1) Tolerances are established for the combined residues (free and bound) of the herbicide metolachlor [2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-(2-methoxy-1-methylethyl)acetamide] and its metabolites, determined as the derivatives, 2-[(2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound, in or on the raw agricultural commodities.

Commodity	Parts per million
Almond, hulls	0.3
Barley, grain	0.1
Barley, straw	0.5
Buckwheat, grain	0.1
Cabbage	1.0
Cattle, fat	0.02
Cattle, kidney	0.2
Cattle, liver	0.05
Cattle, meat	0.02
Cattle, meat byproducts, except kidney and liver	0.02
Celery	0.1
Corn, forage and fodder	8.0
Corn, grain	0.1
Corn, sweet, kernel plus cob with husks removed	0.1
Cotton, undelinted seed	0.1
Egg	0.02
Fruit, stone, group 12	0.1
Goat, fat	0.02
Goat, kidney	0.2
Goat, liver	0.05
Goat, meat	0.02
Goat, meat byproducts, except kidney and liver	0.02
Horse, fat	0.02
Horse, kidney	0.2
Horse, liver	0.05
Horse, meat	0.02
Horse, meat byproducts, except kidney and liver	0.02
Milk	0.02
Millet, fodder	0.5
Millet, forage	0.5
Millet, grain	0.1
Milo, fodder	0.5
Milo, forage	0.5
Milo, grain	0.1
Nongrass animal feed (forage, fodder, straw, and hay) group	3.0
Nut, tree, group 14	0.1
Oat, forage	0.5
Oat, grain	0.1
Oat, straw	0.5
Peanut	0.5
Peanut, forage and hay	30.0
Pepper, bell	0.1
Potato	0.2
Poultry, fat	0.02
Poultry, liver	0.05
Poultry, meat	0.02
Poultry, meat byproducts, except liver	0.02
Rice, forage	0.5
Rice, straw	0.5
Rice, grain	0.1
Rye, forage	0.5

Commodity	Parts per million
Rye, grain	0.1
Rye, straw	0.5
Safflower, seed	0.1
Seed and pod vegetables (except soybean)	0.3
Sheep, fat	0.02
Sheep, kidney	0.2
Sheep, liver	0.05
Sheep, meat	0.02
Sheep, meat byproducts, except kidney and liver	0.02
Sorghum, forage and fodder	2.0
Sorghum, grain	0.3
Soybean	0.2
Soybean, forage and hay	8.0
Vegetable, foliage of legume, except soybean, subgroup 7A	15.0
Wheat, forage	0.5
Wheat, grain	0.1
Wheat, straw	0.5

(2) Tolerances are established for combined residues of the herbicide *S*-metolachlor acetamid, 2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-(2-methoxy-1-methylethyl)-, (*S*) and its metabolites, determined as the derivatives, 2-(2-ethyl-6-methylphenyl)amino-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound *S*-metolachlor in or on the following raw agricultural commodities:

Commodity	Parts per million
Asparagus	0.10
Beet, sugar, molasses	2.0
Beet, sugar, roots	0.5
Beet, sugar, tops	15.0
Grass, forage	10.0
Grass, hay	0.2
Spinach	0.5
Sunflower, seed	0.5
Sunflower, meal	1.0

(3) Tolerances are established for the combined residues (free and bound) of the herbicide *S*-metolachlor [S-2-chloro-*N*-(2-ethyl-6-methylphenyl)-*N*-(2-methoxy-1-methylethyl)acetamide], its *R*-enantiomer, and its metabolites, determined as the derivatives, 2-[2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound, in or on the following raw agricultural commodities:

Commodity	Parts per million
Brassica, head and stem, subgroup 5A	0.6
Cattle, fat	0.04
Cattle, kidney	0.2

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Commodity	Parts per million
Cattle, liver	0.1
Cattle, meat	0.04
Cattle, meat byproducts, except kidney and liver	0.04
Corn, field, stover	6.0
Corn, pop, stover	6.0
Corn, sweet, stover	6.0
Corn, field, forage	6.0
Corn, sweet, forage	6.0
Corn, sweet, kernel plus cob with husks removed	0.1
Corn, field, grain	0.1
Corn, pop, grain	0.1
Cotton, gin byproducts	4.0
Cotton, undelinted seed	0.1
Egg	0.04
Garlic, bulb	0.1
Goat, fat	0.04
Goat, kidney	0.2
Goat, liver	0.1
Goat, meat	0.04
Goat, meat byproducts, except kidney and liver	0.04
Horse, fat	0.04
Horse, kidney	0.2
Horse, liver	0.1
Horse, meat	0.04
Horse, meat byproducts, except, kidney and liver	0.04
Milk	0.02
Onion, dry bulb	0.1
Onion, green	2.0
Peanut	0.2
Peanut, hay	20.0
Peanut, meal	0.4
Poultry, fat	0.04
Poultry, meat	0.04
Poultry, meat byproducts	0.04
Pumpkin	0.1
Safflower, seed	0.1
Shallot, bulb	0.1
Sheep, fat	0.04
Sheep, kidney	0.2
Sheep, liver	0.1
Sheep, meat	0.04
Sheep, meat byproducts, except kidney and liver	0.04
Sorghum, grain, forage	1.0
Sorghum, grain, stover	4.0
Sorghum, grain, grain	0.3
Soybean, forage	5.0
Soybean, hay	8.0
Soybean, seed	0.2
Squash, winter	0.1
Tomato, paste	0.3
Vegetable, foliage of legume, except soybean, subgroup 7A	15.0
Vegetable, fruiting group 8, (except tabasco pepper)	0.1
Vegetable, leaf petioles, subgroup 4B	0.1
Vegetable, legume, edible podded, subgroup 6A	0.5
Vegetable, legume, pea and bean, dried shelled, (except soybean) subgroup 6C	0.1
Vegetable, root, (except sugar beet) subgroup 1B	0.3
Vegetables, tuberous and corm, subgroup 1C	0.2

(b) Section 18 emergency exemptions. [Reserved]

(c) Tolerances with regional registrations. (1) Tolerances with regional registration as defined in §180.1(n) are established for the combined residues

(free and bound) of the herbicide metolachlor [2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide] and its metabolites, determined as the derivatives, 2-[2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound, in or on the following raw agricultural commodities:

Commodity	Parts per million
Onion, dry bulb	1.0
Pepper, chili	0.5
Pepper, cubanelle	0.1
Pepper, tabasco	.5

(2) Tolerances with regional registration as defined in §180.1(n) are established for the combined residues (free and bound) of the herbicide S-metolachlor [S-2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide], its R-enantiomer, and its metabolites, determined as the derivatives, 2-[2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound, in or on the following raw agricultural commodities:

Commodity	Parts per million
Pepper, tabasco	0.5

(d) Indirect or inadvertent residues. Tolerances are established for the indirect or inadvertent combined residues (free and bound) of the herbicide S-metolachlor [S-2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide], its R-enantiomer, and its metabolites, determined as the derivatives, 2-[2-ethyl-6-methylphenyl)amino]-1-propanol and 4-(2-ethyl-6-methylphenyl)-2-hydroxy-5-methyl-3-morpholinone, each expressed as the parent compound, in or on the following raw agricultural commodities:

Commodity	Parts per million
Barley, grain	0.1
Barley, hay	1.0
Barley, straw	0.5
Buckwheat, grain	0.1

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Commodity	Parts per million
Nongrass, animal feed (forage, fodder, straw, hay) group 18 .....	1.0
Oat, forage .....	0.5
Oat, grain .....	0.1
Oat, hay .....	1.0
Oat, straw .....	0.5
Rice, grain .....	0.1
Rice, straw .....	0.5
Rye, forage .....	0.5
Rye, grain .....	0.1
Rye, straw .....	0.5
Wheat, forage .....	0.5
Wheat, grain .....	0.1
Wheat, hay .....	1.0
Wheat, straw .....	0.5

[44 FR 10385, Feb. 20, 1979]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting §180.368, see the List of Sections Affected, which appears in the Finding Aids section of the printed volume and on GPO Access.

**§ 180.369 Difenzoquat; tolerances for residues.**

(a) *General.* Tolerances are established for residues of difenzoquat (1,2-dimethyl-3,5-diphenyl-1*H*-pyrazolium ion), derived from application of the methyl sulfate salt and calculated as the cation, in or on the following raw agricultural commodities:

Commodity	Parts per million
Barley, bran .....	0.25
Barley, grain .....	0.05
Barley, straw .....	5.0
Cattle, fat .....	0.05
Cattle, meat .....	0.05
Cattle, meat byproducts .....	0.05
Goat, fat .....	0.05
Goat, meat .....	0.05
Goat, meat byproducts .....	0.05
Hog, fat .....	0.05
Hog, meat .....	0.05
Hog, meat byproducts .....	0.05
Horse, fat .....	0.05
Horse, meat .....	0.05
Horse, meat byproducts .....	0.05
Poultry, fat .....	0.05
Poultry, meat .....	0.05
Poultry, meat byproducts .....	0.05
Sheep, fat .....	0.05
Sheep, meat .....	0.05
Sheep, meat byproducts .....	0.05
Wheat, bran .....	0.25
Wheat, grain .....	0.05
Wheat, shorts .....	0.25
Wheat, straw .....	5.0

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

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

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

[71 FR 56399, Sept. 27, 2006]

**§ 180.370 5-Ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole; tolerances for residues.**

(a) *General.* Tolerances are established for residues of the fungicide 5-ethoxy-3-(trichloromethyl)-1,2,4-thiadiazole and its monoacid metabolite 3-carboxy-5-ethoxy-1,2,4-thiadiazole in or on the following raw agricultural commodities:

Commodity	Parts per million
Cattle, fat .....	.10
Cattle, meat byproducts .....	.10
Cattle, meat .....	.10
Corn, field, grain .....	.05
Corn, forage .....	.10
Corn, stover .....	.10
Cotton, undelinted seed .....	.20
Egg .....	.05
Goat, fat .....	.10
Goat, meat byproducts .....	.10
Goat, meat .....	.10
Hog, fat .....	.10
Hog, meat byproducts .....	.10
Hog, meat .....	.10
Horse, fat .....	.10
Horse, meat byproducts .....	.10
Horse, meat .....	.10
Milk .....	.05
Poultry, fat .....	.10
Poultry, meat byproducts .....	.10
Poultry, meat .....	.10
Sheep, fat .....	.10
Sheep, meat byproducts .....	.10
Sheep, meat .....	.10
Strawberry .....	.20
Tomato .....	.15
Wheat, forage .....	.10
Wheat, grain .....	.05
Wheat, straw .....	.10

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

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

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

[47 FR 49845, Nov. 3, 1982, as amended at 48 FR 12088, Mar. 23, 1983; 63 FR 57076, Oct. 26, 1998]

**§ 180.371 Thiophanate-methyl; tolerances for residues.**

(a) *General.* Tolerances are established for residues of the fungicide thiophanate-methyl (dimethyl [(1,2-phenylene)-bis(iminocarbonothioyl)] bis[carbamate]), its oxygen analogue dimethyl-4,4-*o*-phenylene