Commodity	Parts per million
Sunflower, forage	5.0
Sunflower, seed	0.02
Teosinte, grain	0.05
Tomato	0.20
Tomato, paste	0.5
Tomato, pomace	5.0
Triticale, grain	0.15
Turnip, greens	7.0
Vegetable, cucurbit, group 9	0.1
Vegetable, fruiting, group 8	0.5
Vegetable, leafy greens, except Brassica, group 4	6.0
Vegetable, tuberous and corm, subgroup 1C	0.01
Wheat, bran	0.5
Wheat, grain	0.15
Wheat, shorts	0.5

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

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

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

[53 FR 1924, Jan. 25, 1988]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 180.436, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at *www.fdsys.gov*.

§ 180.437 Methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*p*-toluate and methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*m*-toluate; tolerances for residues.

Tolerances are established for the combined residues of the herbicide methyl 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*p*-toluate and methyl 6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-*m*-toluate in or on the following raw agricultural commodities:

Commodity	Parts per million
Barley, grain	0.10
Barley, straw	2.00
Sunflower, seed	0.10
Wheat, grain	0.10
Wheat, straw	2.00

[53 FR 24069, June 27, 1988]

§ 180.438 Lambda-cyhalothrin and an isomer gamma-cyhalothrin; tolerances for residues.

(a) *General.* (1) Tolerances are established for the combined residues of the pyrethroid lambda-cyhalothrin, 1:1 mixture of (*S*)-α-cyano-3-phenoxybenzyl-(*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (*R*)-α-cyano-3-phenoxybenzyl-(*Z*)-(1*S*,3*S*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and its epimer expressed as epimer of lambda-cyhalothrin, a 1:1 mixture of (*S*)-α-cyano-3-phenoxybenzyl-(*Z*)-(1*S*,3*S*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate and (*R*)-α-cyano-3-phenoxybenzyl-(*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate, on plants and livestocks, as indicated in the following table.

Commodity	Parts per million
Alfalfa, forage	5.0
Alfalfa, hay	6.0
Almond, hulls	1.5
Apple, wet pomace	2.50
Avocado, imported	0.20
Barley, bran	0.2
Barley, grain	0.05
Barley, hay	2.0
Barley, straw	2.0
Brassica, head and stem, subgroup 5A	0.4
Buckwheat, grain	0.05
Canola, refined oil	2.0
Canola, seed	1.0
Cattle, fat	3.0
Cattle, meat	0.2
Cattle, meat byproducts	0.2
Corn, field, flour	0.15
Corn, field, forage	6.0
Corn, field, grain	0.05
Corn, field, stover	1.0
Corn, pop, grain	0.05
Corn, pop, grain, flour	0.05
Corn, pop, stover	1.0
Corn, sweet, forage	6.0
Corn, sweet, stover	1.0
Corn, sweet, kernel plus cob with husks removed	0.05
Cotton, undelinted seed	0.05
Egg	0.01
Fruit, pome, group 11	0.30
Fruit, stone, group 12	0.50
Garlic	0.1
Goat, fat	3.0
Goat, meat	0.2
Goat, meat byproducts	0.2
Grain, aspirated fractions	2.0
Grass, forage, fodder and hay, group 17	7.0
Hog, fat	0.2
Hog, meat	0.01
Hog, meat byproducts	0.02
Hop, dried cones	10.0
Horse, fat	3.0
Horse, meat	0.2
Horse, meat byproducts	0.2
Lettuce, head	2.0
Lettuce, leaf	2.0
Milk, fat (reflecting 0.4 ppm in whole milk)	10.0
Nut, tree, group 14	0.05
Oat, grain	0.05
Oat, forage	2.0
Oat, hay	2.0

Commodity	Parts per million
Oat, straw	2.0
Onion, bulb	0.1
Pea and bean, dried shelled, except soybean, subgroup 6C	0.10
Pea and bean, succulent shelled, subgroup 6B	0.01
Peanut	0.05
Peanut, hay	3.0
Pistachio	0.05
Poultry, fat	0.03
Poultry, meat	0.01
Poultry, meat byproducts	0.01
Rice, grain	1.0
Rice, hulls	5.0
Rice, straw	1.8
Rice, wild, grain	1.0
Rye, bran	0.2
Rye, grain	0.05
Rye, forage	2.0
Rye, straw	2.0
Sheep, fat	3.0
Sheep, meat	0.2
Sheep, meat byproducts	0.2
Soybean	0.01
Sorghum, grain, grain	0.2
Sorghum, grain, forage	0.30
Sorghum, grain, stover	0.50
Sugarcane, cane	0.05
Sunflower, forage	0.2
Sunflower, seed, hulls	0.50
Sunflower, refined oil	0.30
Sunflower, seed	0.2
Tomato	0.1
Tomato, dry pomace	6.0
Tomato, wet pomace	6.0
Vegetable, cucurbit, group 9	0.05
Vegetable, fruiting, group 8	0.20
Vegetable, legume, edible podded, subgroup 6A	0.20
Vegetable, tuberous and corm, subgroup 1C	0.02
Wheat, grain	0.05
Wheat, forage	2.0
Wheat, hay	2.0
Wheat, straw	2.0
Wheat, bran	0.2

(2) Tolerances[1] are established for the combined residues of the pyrethroid [gamma-cyhalothrin (the isolated active isomer of lambda-cyhalothrin) (*S*)-′-cyano-3-phenoxybenzyl (*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate)) and its epimer (*R*)-′-cyano-3-phenoxybenzyl (*Z*)-(1*R*,3*R*)-3-(2-chloro-3,3,3-trifluoroprop-1-enyl)-2,2-dimethylcyclopropanecarboxylate in/on the following commodities:

Commodity	Parts per million
Alfalfa, forage	5
Alfalfa, hay	6
Almond, hulls	1.5
Apple, pomace, wet	2.50
Avocado, imported	0.20
Brassica, head and stem, subgroup 5A	0.4
Canola, seed	0.15
Cattle, fat	3
Cattle, meat	0.2
Cattle, meat byproducts	0.2
Corn, field, flour	0.15
Corn, field, forage	6.0
Corn, field, grain	0.05
Corn, field, stover	1.0
Corn, pop, grain	0.05
Corn, pop, stover	1.0
Corn, sweet, forage	6.0
Corn, sweet, kernel plus cob with husks removed	0.05
Corn, sweet, stover	1.0
Cotton, undelinted seed	0.05
Egg	0.01
Fruit, pome, group 11	0.30
Fruit, stone, group 12	0.50
Garlic	0.10
Goat, fat	3.0
Goat, meat	0.2
Goat, meat byproducts	0.2
Grain, aspirated fractions	2.0
Hog, fat	3.0
Hog, meat	0.2
Hog, meat byproducts	0.2
Horse, fat	3.0
Horse, meat	0.2
Horse, meat byproducts	0.2
Lettuce, head	2.0
Lettuce, leaf	2.0
Milk, fat (reflecting 0.20 ppm in whole milk)	5.0
Nut, tree, group 14	0.05
Okra	0.20
Onion, bulb	0.1
Pea and bean, dried shelled, except soybean, subgroup 6C	0.10
Pea and bean, succulent shelled, subgroup 6B	0.01
Peanut	0.05
Peanut, hay	3.0
Pistachio	0.05
Poultry, fat	0.03
Poultry, meat	0.01
Poultry, meat byproducts	0.01
Rice, grain	1.0
Rice, hulls	5.0
Rice, straw	1.8
Sheep, fat	3.0
Sheep, meat	0.2
Sheep, meat byproducts	0.2
Sorghum, grain, forage	0.30
Sorghum, grain, grain	0.20
Sorghum, grain, stover	0.50
Soybean	0.01
Sugarcane	0.05
Sunflower, forage	0.20
Sunflower, refined oil	0.30
Sunflower, seed	0.20
Sunflower, seed, hulls	0.50
Tomato	0.10
Tomato, dry pomace	6.0
Tomato, wet pomace	6.0
Vegetables, fruiting, group 8	0.20
Vegetable, legume, edible podded, subgroup 6A	0.20
Wheat, bran	2.0
Wheat, forage	2.0
Wheat, grain	0.05
Wheat, hay	2.0
Wheat, straw	2.0

[1] The analytical enforcement methods for lambda-cyhalothrin are applicable for determination of gamma-cyhalothrin residues in plant and animal commodities.

(3) A tolerance of 0.01 part per million is established for residues of the insecticide lamba-cyhalothrin and an

isomer gamma-cyhalothrin in or on all food commodities (other than those already covered by a higher tolerance as a result of use on growing crops) in food-handling establishments where food products are held, processed, or prepared.

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

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

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

[71 FR 74817, Dec. 13, 2006, as amended at 72 FR 45663, Aug. 15, 2007; 73 FR 39264, July 9, 2008; 76 FR 34885, June 15, 2011]

§ 180.439 Thifensulfuron methyl; tolerances for residues.

(a) *General.* Tolerances are established for residues of thifensulfuron methyl, including its metabolites and degradates, in or on the commodities listed in the following table [below]. Compliance with the tolerance levels specified in the following table [below] is to be determined by measuring only thifensulfuron methyl (methyl 3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino] sulfonyl]-2-thiophenecarboxylate).

Commodity	Parts per million
Barley, grain	0.05
Barley, hay	0.8
Barley, straw	0.10
Canola, seed	0.02
Corn, field, forage	0.10
Corn, field, grain	0.05
Corn, field, stover	0.10
Cotton, gin byproducts	0.02
Cotton, undelinted seed	0.02
Flax, seed	0.02
Oat, forage	0.2
Oat, grain	0.05
Oat, hay	0.05
Oat, straw	0.10
Rice, grain	0.05
Rice, straw	0.05
Sorghum, grain, forage.	0.05
Sorghum, grain, grain	0.05
Sorghum, grain, stover	0.05
Soybean	0.10
Wheat, forage	2.5
Wheat, grain	0.05
Wheat, hay	0.7
Wheat, straw	0.10

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

(c) *Tolerances with regional registrations.* Tolerances are established for residues of thifensulfuron methyl, including its metabolites and degradates, in or on the commodities listed in the following table [below]. Compliance with the tolerance levels specified in the following table [below] is to be determined by measuring only thifensulfuron methyl (methyl 3-[[[[(4-methoxy-6-methyl-1,3,5-triazin-2-yl)amino]carbonyl]amino] sulfonyl]-2-thiophenecarboxylate).

Commodity	Parts per million
Safflower, seed	0.05

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

[69 FR 55982, Sept. 17, 2004, as amended at 69 FR 63957, Nov. 3, 2004; 72 FR 13184, Mar. 21, 2007; 73 FR 47075, Aug. 13, 2008; 75 FR 19277, Apr. 14, 2010]

§ 180.440 Tefluthrin; tolerances for residues.

(a) *General.* Tolerances are established for the combined residues of the insecticide tefluthrin (2,3,5,6 tetrafluroro-4-methylphenyl)methyl-(1 alpha, 3 alpha)-(*Z*)-(±)-3(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-diemthylcyclopropanecarboxylate) and its metabolite (*Z*)-3-(2-chloro-3,3,3-trifluroro-1-propenyl)-2,2-dimethylcyclopropanecarboxylic acid in or on the following commodities:

Commodity	Parts per million
Corn, field, forage	0.06
Corn, field, grain	0.06
Corn, field, stover	0.06
Corn, pop, grain	0.06
Corn, pop, stover	0.06
Corn, sweet, forage	0.06
Corn, sweet, kernel plus cob with husks removed	0.06
Corn, sweet, stover	0.06

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

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

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

[62 FR 62961, Nov. 26, 1997, as amended at 74 FR 46375, Sept. 9, 2009]

§ 180.441 Quizalofop ethyl; tolerances for residues.

(a) *General.* (1) Tolerances are established for residues of the herbicide