



Pesticide Tolerances for Fresh Market Tomato Grown in Florida¹

M. A. Mossler and F. M. Fishel²

Florida fresh market tomato growers sell to foreign markets. Often, the tolerance (amount of pesticide legally allowed in the commodity) for a certain pesticide is not the same between the United States and the importing country. Table 1 presents the tolerances (or exemptions from the requirement of tolerance) for pesticides registered for use on Florida-grown fresh market tomato. The values are in parts per million (PPM). The common name of the pesticide, its most common trade name (although others may exist), pesticide type, and tolerance are listed alphabetically. The list is current as of March, 2006.

There are also live organisms that are used as pesticides, such as: *Bacillus thuringiensis*, *Bacillus subtilis*, *Bacillus pumilus*, *Beauveria bassiana*, phage (bacteria-killing viruses), and caterpillar-selective viruses. All of these are exempt from requirement of tolerance as well. Pesticides exempt from the requirement of tolerance are presented in EDIS document PI-118.

If you need assistance in comparing these tolerances to those for other countries, please contact the UF/IFAS Pesticide Information Office at 352 392-4721, or email: plantdoc@ufl.edu.

Additional Information

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1. This document is PI-117, one of a series of the Pesticide Information Office, Florida Cooperative Extension Service, Institute of Food and Agricultural Sciences, University of Florida. Original publication date April 2006. Visit the EDIS Web Site at <http://edis.ifas.ufl.edu>.
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The use of trade names in this publication is solely for the purpose of providing specific information. UF/IFAS does not guarantee or warranty the products named, and references to them in this publication does not signify our approval to the exclusion of other products of suitable composition. Use pesticides safely. Read and follow directions on the manufacturer's label.

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Table 1. Tolerances (or exemptions from the requirement of tolerance) for pesticides registered for use on Florida-grown fresh market tomato.

Common Name	Trade Name	Pesticide Type	Tolerance (PPM)
Abamectin	Agri-Mek®	Insecticide/Miticide	0.02
Acetamiprid	Assail®	Insecticide	0.2
Acibenzolar	Actigard®	Fungicide/Bactericide	1.0
Azadirachtin	Azatin®	Insecticide/Miticide	Exempt
Azinphos	Guthion®	Insecticide	2.0
Azoxystrobin	Amistar®	Fungicide	0.2
Bifenazate	Acramite®	Miticide	0.7
Bifenthrin	Capture®	Insecticide/Miticide	0.15
Boric acid	Prev-Am®	Insecticide/Miticide	Exempt
Boscalid	Endura®	Fungicide	1.2
Buprofezin	Courier®	Insecticide	0.7
Carbaryl	Sevin®	Insecticide/Miticide	10
Carfentrazone	Aim®	Herbicide	0.1
Chlorfenapyr*	Pylon®	Insecticide/Miticide	1.0
Chlorothalonil	Bravo®	Fungicide	5.0
Clethodim	Select®	Herbicide	1.0
Copper	Kocide®	Fungicide	Exempt
Cryolite	Kryocide®	Insecticide	7.0
Cyazofamid	Ranman®	Fungicide	0.2
Cyfluthrin	Renounce®	Insecticide	0.2
Cyhalothrin (lambda/gamma)	Warrior®/Proaxis®	Insecticide/Miticide	0.1
Cymoxanil	Tanos®	Fungicide	0.2
Cyromazine	Trigard®	Insecticide	0.5
DCPA	Dacthal®	Herbicide	1.0
Diazinon	Diazinon®	Insecticide	0.75
Dicloran	Botran®	Fungicide	5.0
Dicofol	Kelthane®	Miticide	5.0
Dimethoate	Cygon®	Insecticide/Miticide	2.0
Dimethomorph	Acrobat®	Fungicide	1.5
Dinotefuran	Venom®	Insecticide	0.7
Diquat	Reglone®	Herbicide	0.02
Emamectin	Proclaim®	Insecticide/Miticide	0.02
Endosulfan	Phaser®	Insecticide/Miticide	2.0
Esfenvalerate	Asana®	Insecticide	1.0
Ethephon	Ethrel®	Plant Growth Regulator	2.0
Famoxadone	Tanos®	Fungicide	1.0
Fenpropathrin	Danitol®	Insecticide/Miticide	0.6
Fludioxonil	Maxim®	Fungicide	0.01
Fosetyl-Al	Aliette®	Fungicide	3.0
Glyphosate	Roundup®	Herbicide	0.1
Halosulfuron	Sandea®	Herbicide	0.05
Imidacloprid	Admire®	Insecticide	1.0
Indoxacarb	Avaunt®	Insecticide	0.5
Kaolin	Surround®	Insecticide	Exempt

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Common Name	Trade Name	Pesticide Type	Tolerance (PPM)
Malathion	Malathion®	Insecticide	8.0
Mancozeb	Dithane®	Fungicide	4.0
Maneb	Manex®	Fungicide	4.0
MCDS	Enquik®	Herbicide	Exempt
Mefenoxam	Ridomil Gold®	Fungicide	1.0
Methamidophos	Monitor®	Insecticide	1.0
Methomyl	Lannate®	Insecticide	1.0
Methoxyfenozide	Intrepid®	Insecticide	2.0
Methoprene	Extinguish®	Insecticide	Exempt
Metribuzin	Sencor®	Herbicide	0.1
Myclobutanil	Nova®	Fungicide	0.3
Napropamide	Devrinol®	Herbicide	0.1
Oil	Sunspray®	Insecticide/Miticide	Exempt
Oxamyl	Vydate®	Insecticide/Nematicide	2.0
Oxyfluorfen	Goal®	Herbicide	0
Paraquat	Gramoxone®	Herbicide	0.05
Pelargonic acid	Scythe®	Herbicide	Exempt
Pentachloronitrobenzene	PCNB®	Fungicide	0.1
Permethrin	Pounce®	Insecticide	2.0
Potassium bicarbonate	Kaligreen®	Fungicide	Exempt
Potassium phosphite	K-phite®	Fungicide	Exempt
Propamocarb	Previcur Flex®	Fungicide	2.0
Pymetrozine	Fulfill®	Insecticide	0.2
Pyraclostrobin	Cabrio®	Fungicide	1.4
Pyrethrin +/- rotenone or PBO	Pyrellin®	Insecticide	Exempt
Pyrimethanil	Scala®	Fungicide	0.5
Pyriproxyfen	Knack®	Insecticide	0.1
Rimsulfuron	Matrix®	Herbicide	0.05
Sethoxydim	Poast®	Herbicide	4.0
S-metolachlor	Dual Magnum®	Herbicide	0.1
Soap	M-Pede®	Insecticide/Miticide	Exempt
Spinosad	Spintor®	Insecticide	0.4
Spiromesifen	Oberon®	Insecticide/Miticide	0.3
Streptomycin	Agri-mycin®	Bactericide	0.25
Sulfur	Kumulus®	Miticide/Fungicide	Exempt
Tebufofenozide	Confirm®	Insecticide	1.0
Thiamethoxam	Platinum®	Insecticide	0.5
Thiophanate	Topsin®	Fungicide	0.5
Tomato pinworm pheromone	Checkmate TPW®	Pheromone	Exempt
Trifloxystrobin	Flint®	Fungicide	0.5
Trifloxysulfuron	Envoke®	Herbicide	0.01
Trifluralin	Treflan®	Herbicide	0.05
Zeta-cypermethrin	Fury®	Insecticide	0.2
Ziram	Ziram®	Fungicide	7.0
Zoxamide	Gavel®	Fungicide	2.0