

FAS MRL Database

Terms of Use

Users are advised that international regulations and permissible Maximum Residue Levels (MRL) frequently change. Although this International MRL Database is updated frequently, the information in it may not be completely up-to-date or error free. Additionally, commodity nomenclature and residue definitions vary between countries, and country policies regarding deferral to international standards are not always transparent. This database is intended to be an initial reference source only, and users must verify any information obtained from it with knowledgeable parties in the market of interest prior to the sale or shipment of any products. The developers of this database are not liable for any damages, in whole or in part, caused by or arising in any way from user's use of the database.

Results Key Legend

MRL values in *Red Italics* are more restrictive than US

All numeric values listed are in parts per million (ppm), unless otherwise noted

apply for countries that have default MRLs (see Default MRLs section below). Additionally, inadvertent or extraneous MRLs are not included in the database; and the database does not indicate substances that are banned in a country or exempt from requiring an MRL.

Cod (Codex), **EU** (European Union), **US** (United States) and **EXP** (exporting market) indicate the source of the MRL for countries. **Section 18, Time-Limited, or Regional**: indicates that the US MRL is a temporary Section 18, Time-Limited Tolerance, or Regional

UCG indicates an Undefined Crop Group MRL which may be relevant to the commodity; however, as the country's legislation does not specify what commodities are members of this crop group, official sources should be consulted.

Commodity Note indicates the language used to describe the commodity in the country's legislation for the listed MRL.

Default MRLs

regulations vary by country. Before assuming a default MRL applies, the country's specific regulations governing the default MRLs should be consulted. Country MRL regulations are summarized in market information pages located at the "Market Information" link on the toolbar at the top of this page.

European Union: 0.01 ppm | Canada: 0.1 ppm | Japan: 0.01 ppm | Malaysia: 0.01 ppm | New Zealand: 0.1 ppm | South Africa: 0.01 ppm

		US	Can	Jpn	Mex
Tomato	Mancozeb	4	4	5	4 US
		US 1	Can	Jpn	Mex 2
Tomato	Mandipropamid	1	1	2	1 US
		1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	Maneb	4 Time-limited	4	5	4 Time-limited US
		US 3	Can	Jpn	Mex 4
Tomato	Metalaxyl	1	1	2	1 US
		PPM for its "Vegetable, Fruiting, Group 8" group.			

PPM for its "Vegetable, Fruiting, Group 8" group.

		US	Can	Jpn	Mex
Tomato	Metalddehyde	0.24	---	---	0.24 US
		US	Can	Jpn	Mex
Tomato	Methamidophos	2 Regional	{0.5}	2	2 Regional US
		US	Can	Jpn	Mex
Tomato	Methomyl	1	---	{0.5}	1 US
		US 5	Can	Jpn	Mex 6
Tomato	Methoxyfenozide	2	---	2	2 US
		of 2 PPM for its "Vegetable, Fruiting, Group 8" group.			
		of 2 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	Metolachlor	0.1	---	0.1	0.1 US
		US	Can	Jpn	Mex
Tomato	Metribuzin	0.1	---	0.5	0.1 US
		US	Can	Jpn	Mex
Tomato	Myclobutanil	0.3	0.3	1	0.3 US
		US	Can	Jpn	Mex
Tomato	Naled	0.5	0.5	{0.1}	0.5 US
		US 7	Can	Jpn	Mex 8
Tomato	Napropamide	0.1	0.1	0.1	0.1 US
		0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			

0.1 PPM for its "Vegetable, Fruiting, Group 8" group.

		US 9	Can	Jpn	Mex 10
Tomato	Novaluron	1	---	2	1 US
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	O-phenylphenol	10	10	{8}	10 US
		US	Can	Jpn	Mex
Tomato	Oxamyl	2	---	2	2 US
		US 11	Can	Jpn	Mex 12
Tomato	Paraquat dichloride	0.05	---	0.05	0.05 US
		11. United States does not maintain a specific MRL for the Paraquat dichloride/Tomato combination, but does maintain an MRL of 0.05 PPM for its "Vegetable, Fruiting, Group 8" group.			
		12. United States does not maintain a specific MRL for the Paraquat dichloride/Tomato combination, but does maintain an MRL of 0.05 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 13	Can	Jpn	Mex 14
Tomato	Pendimethalin	0.1	---	{0.05}	0.1 US
		0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 15	Can	Jpn	Mex 16
Tomato	Pentachloronitrobenzene	0.1	---	{0.02}	0.1 US
		15. United States does not maintain a specific MRL for the Pentachloronitrobenzene/Tomato combination, but does maintain an MRL of 0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		16. United States does not maintain a specific MRL for the Pentachloronitrobenzene/Tomato combination, but does maintain an MRL of 0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	Permethrin	2	{0.5}	{1}	2 US
		US	Can	Jpn	Mex
					0.01

Tomato	Phosphine	0.01	0.01	0.01	US
		US	Can	Jpn	Mex
Tomato	Piperonyl Butoxide	8	8	{2}	8 US
		US 17	Can	Jpn	Mex 18
Tomato	Propamocarb hydrochloride	2	{0.01}	2	2 US
<p>17. United States does not maintain a specific MRL for the Propamocarb hydrochloride/Tomato combination, but does maintain an MRL of 2 PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>18. United States does not maintain a specific MRL for the Propamocarb hydrochloride/Tomato combination, but does maintain an MRL of 2 PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US 19	Can	Jpn	Mex 20
Tomato	Pymetrozine	0.2	0.2	1	0.2 US
<p>0.2 PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>0.2 PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US 21	Can	Jpn	Mex 22
Tomato	Pyraclostrobin	1.4	{1}	{0.3}	1.4 US
<p>1.4 PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>1.4 PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US	Can	Jpn	Mex
Tomato	Pyrethrins	1	1	1	1 US
		US	Can	Jpn	Mex
Tomato	Pyridaben	0.15	0.15	1	0.15 US
		US 23	Can	Jpn	Mex 24
Tomato	Pyridalyl	1	---	5	1 US
<p>PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US	Can	Jpn	Mex
Tomato	Pyrimethanil	0.5	0.5	2	0.5 US

		US 25	Can	Jpn	Mex 26
Tomato	Pyriproxyfen	0.2	0.25	1	0.2 US
		0.2 PPM for its "Vegetable, Fruiting, Group 8" group.			
		0.2 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	Rimsulfuron	0.05	0.05	0.05	0.05 US
		US 27	Can	Jpn	Mex 28
Tomato	S-metolachlor	0.1	0.1	0.1	0.1 US
		0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		0.1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 29	Can	Jpn	Mex 30
Tomato	Sethoxydim	4	4	10	4 US
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 31	Can	Jpn	Mex 32
Tomato	Spinetoram	0.4	{0.2}	0.7	0.4 US
		0.4 PPM for its "Vegetable, Fruiting, Group 8" group.			
		0.4 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 33	Can	Jpn	Mex 34
Tomato	Spinosad	0.4	{0.2}	0.5	0.4 US
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 35	Can 36	Jpn	Mex 37
Tomato	Spiromesifen	0.45	0.45	3	0.45 US
		0.45 PPM for its "Vegetable, Fruiting, Group 8" group.			
		36. Commodity Note: Tomatoes (except cherry tomatoes). Canada maintains a separate MRL for cherry tomatoes.			
		0.45 PPM for its "Vegetable, Fruiting, Group 8" group.			

		US 38	Can	Jpn	Mex 39
Tomato	Spirotetramat	2.5	2.5	{1}	2.5 US
		2.5 PPM for its "Vegetable, Fruiting, Group 8" group.			
		2.5 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex
Tomato	Streptomycin	0.25	---	0.3	0.25 US
		US 40	Can	Jpn	Mex 41
Tomato	Sulfentrazone	0.15	---	{0.05}	0.15 US
		0.15 PPM for its "Vegetable, fruiting, group 8-10" group.			
		0.15 PPM for its "Vegetable, fruiting, group 8-10" group.			
		US 42	Can	Jpn	Mex 43
Tomato	Tebuconazole	1.3	---	{1}	1.3 US
		1.3 PPM for its "Vegetable, Fruiting, Group 8" group.			
		1.3 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 44	Can	Jpn	Mex 45
Tomato	Tebuconazole	1	2	1	1 US
		1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		1 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 46	Can 47	Jpn	Mex 48
Tomato	Thiamethoxam	0.25	{0.02}	2	0.25 US
		0.25 PPM for its "Vegetable, Fruiting, Group 8" group.			
		PPM for its "All food crops" group.			
		0.25 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US 49	Can	Jpn	Mex 50
Tomato	Trifloxystrobin	0.5	0.5	0.7	0.5 US
		0.5 PPM for its "Vegetable, Fruiting, Group 8" group.			
		0.5 PPM for its "Vegetable, Fruiting, Group 8" group.			
		US	Can	Jpn	Mex

Tomato	Trifloxysulfuron	0.01	---	0.01	0.01 US
		US 51	Can	Jpn	Mex 52
Tomato	Trifluralin	0.05	0.05	0.1	0.05 US
<p>PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US 53	Can	Jpn	Mex 54
Tomato	Uniconazole-P	0.01	---	---	0.01 US
<p>0.01 PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>0.01 PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US 55	Can	Jpn	Mex 56
Tomato	Zeta-Cypermethrin	0.2	0.3	2	0.2 US
<p>55. United States does not maintain a specific MRL for the Zeta-Cypermethrin/Tomato combination, but does maintain an MRL of 0.2 PPM for its "Vegetable, Fruiting, Group 8" group.</p> <p>56. United States does not maintain a specific MRL for the Zeta-Cypermethrin/Tomato combination, but does maintain an MRL of 0.2 PPM for its "Vegetable, Fruiting, Group 8" group.</p>					
		US	Can	Jpn	Mex
Tomato	Ziram	7	7	{5}	7 US
		US	Can	Jpn	Mex
Tomato	Zoxamide	2	---	2	2 US