

Maximum Residue Limits (MRLs) in part-per-million (ppm) For Citrus - By Country

Because MRLs change frequently, no guarantee is made concerning the accuracy of the below values. Verify these values with other knowledgeable sources within specific markets of interest.

Materials **EXEMPT** from US tolerances or labeled only for application to **NONBEARING** trees are **NOT** included

Proposed values are not in effect and may never be adopted, but are listed to notify of potential upcoming changes

"E" indicates potential MRL reduction or elimination for the indicated market perhaps a year or more in the future.

Abbreviations: **G** = grapefruit, **O** = sweet orange, **T** = tangerine (mandarin), **L** = lemon, **P**=pummelo

Visit <http://irrec.ifas.ufl.edu/postharvest/> for more details & updates

Chemical Name	Brand or Trade Names (Examples only, not exhaustive)	U.S. Citrus	CODEX Citrus	Canada Citrus	EU (G & O only)	Great Britain (G & O only)	Japan (G & O only)	Korea (G & O only)	Taiwan (G & O only)
2,4-D (2,4-Dichlorophenoxyacetic acid)	Citrus Fix, Hivol	3	1	2	1	1	2 (3 proposed)	0.15	2
Abamectin	Agri-Mek, Clinch, Zephyr, ABBA, Epi-mek, Reaper; Minecto Pro	0.02	0.02	0.02	0.04	0.04	0.1	0.01 (G); 0.05 (O)	0.01
Acequinocyl	Kanemite	0.35		0.35	0.2 (G); 0.4 (O) (0.6 proposed)	0.2 (G); 0.4 (O)	2	0.01 (G); 0.7 (O)	0.2
Beta-cyfluthrin	Baythroid XL	0.2	0.3	0.1	0.02 (E)	0.02	2 (1 proposed)	0.2	0.3
Bifenthrin	Brigade, Capture, Telstar, Fanfare	0.05	0.05	0.1	0.05 (E)	0.05	2	0.01 (G), 0.5 (O)	0.5
Bromacil	Bromo, Hyvar	0.1		0.1	0.01	0.01	0.1	0.01	0.5
Buprofezin	Applaud, Centaur	4	1	0.1 (G, L, P), 4 (O, T)	0.01	0.01	3 (G), 2 (O)	0.01 (G), 2.5 (O)	0.5
Carbaryl	Sevin	10	15	10	0.01	0.01	5	0.01 (G), 7 (O)	1
Carfentrazone-ethyl	Aim	0.1		0.1	0.02	0.01	0.1	0.01	0.1
Clothianidin	Belay	0.07	0.07	0.1	0.06 (E)	0.06	2	0.01 (G); 0.3 (O)	1
Cyfluthrin	Baythroid	0.2	0.3	0.1	0.02	0.02	2	0.2	0.3
Diflubenzuron	Micromite	3	0.5	0.1	0.01	0.01	3	0.01 (G); 2 (O)	1
Dimethoate	Dimethoate, Cygon	2	5	1.5	0.01	0.01	2	0.01	2
Diuron	Diuron, Direx, Karmex	0.05, 0.5 (L)		1	0.01	0.01	0.8 (G), 0.05 (O)	0.01	0.05 (G), 0.2 (O)
Fenbutatin Oxide	Vendex	20	5	2	0.01	0.01	5	0.01	2
Ferbam	Ferbam	4	10 (T), 2 (O)	0.1	0.01	0.01	2	0.01	2
Fosetyl-aluminum	Aliette	9	50 (T), 20 (O)	9	75	75	150	0.01 (G), 4 (O)	10
Glyphosate	Roundup, Durango, Touchdown, & others	0.5		0.1	0.1 (G) 0.5 (O)	0.1 (G) 0.5 (O)	0.5	0.05	0.1
Imazalil	DECCOZIL EC-289, Freshgard 700, Fungaflor 500EC	10	5 (G, T, P), 8 (O), 15 (L)	5	4	4	5	15	5
Malathion	Malathion, Atrapa, Fyfanon	8	7	0.1	2 (E)	2	7	0.01 (G), 4 (O)	2

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Metalaxyl-M, Mefenoxam	Ridomil Gold, Subdue, UltraFlourish	1	5	5	0.7 (E)	0.7	0.7	0.01	0.5
Metaldehyde	OR-Cal Slug & Snail Bait	0.26		0.1	0.05	0.05	0.7	0.01	
Norflurazon	Solicam	0.2		0.1	0.01	0.01	0.2	0.01	0.2
Oryzalin	Oryzalin, Surflan	0.05		0.1	0.01	0.01	0.08	0.01	
Oxamyl	Vydate	3		0.1	0.01	0.01	5	0.01	0.5 (G), 1 (O)
Paraquat Dichloride	Paraquat, Gramoxone, Boa	0.05	0.02	0.1	0.02	0.02	0.05	0.01	0.2
Piperonyl Butoxide	Evergreen EC	8 (O)	5 (O)	8 (O)			5 (O)	0.01 (O)	5 (O)
Propargite	Comite, Omite	5 (G, L), 10 (O)	3	5	0.01 (G), 4 (O) (E)	0.01 (G), 4 (O)	3 (5 proposed)	0.01	5
Pyrethrins	Pyrellin (+ Rotenone), Evergreen (+ Piperonyl Butoxide)	1 (O)	0.05 (O)	1 (O)	1 (O)	1 (O)	1 (O)	1	0.05 (O)
Pyridaben	Nexter	0.9		0.9	0.3	0.3	1	0.01	2
Pyriproxyfen	Distance, Esteem, Knack	0.5	0.5	0.5	0.6	0.6	2	0.01	0.3 (G), 0.5 (O)
Sethoxydim	Poast Plus	0.5		0.1	0.1 (0.01 proposed)	0.1	0.5	1	
Simazine	Simazine, Princep, Sim-Trol	0.25 (G, O, L)		0.1	0.01	0.01	0.2	0.01	
SOPP (2 Phenylphenol, O-phenylphenol, OPP)	DECCOSOL 125, FreshGard 5	10	10	10	10	10	10	0.01	10
Spinetoram	Delegate	0.3	0.07 (O), 0.15 (T)	0.3	0.2 (0.02 G; 0.07 O proposed)	0.2	0.7	0.01 (G), 0.05 (O)	0.2
Trifluralin	Trifluralin, Treflan, Trilin	0.05		0.1	0.01	0.01	0.05	0.01	0.05
zeta-cypermethrin	Mustang	0.35	0.5 (G, P), 0.3 (O, T, L)	1	2 (E)	2	2	0.3	2
Tolerance for unlisted materials=>		None	None	0.1	0.01	0.01	0.01	0.01	None
Updated=>		Jun-21	Jun-21	Jun-21	Jun-21	Jun-21	Jun-21	Feb-22	Jun-21

Last Updated: February 7, 2022