

MRLs of Agrochemicals on tea in different countries/organizations as on Jan. 2021

Name of the chemicals	Maximum Residue Limit (mg/kg)				
	EU	EPA	Japan	FSSAI	Codex
2,4-D	0.1*	-	-	0.05	-
1-Naphthylacetic acid	0.1*	-	-	-	-
Abamectin	0.05*	1	1	-	-
Acephate	0.05*	-	0.2	-	-
Acetamiprid (R)	0.05*	50	30	-	-
Aldrin and Dieldrin	0.02*	-	-	-	-
Azadirachtin	0.01*	-	-	-	-
Azoxystrobin	0.05*	20	10	-	-
Bifenazate	0.1*	-	2	-	-
Bifenthrin (F)	30	30	30	30	30
Bitertanol (F)	0.05*	-	0.1	0.05*	-
Buprofezin	0.05*	20	30	-	-
Bromide ion	70	-	50	-	-
Carbaryl (F)	0.05*	-	-	-	-
Carbendazim	0.1*	-	10	0.5	-
Carbofuran	0.05*	-	0.2	-	-
Carbosulfan	0.05*	-	0.1	-	-
Carfentrazone-ethyl	0.02*	0.1	0.1	0.02*	-
Cartap	0.1*	-	30	-	-
Chlorantraniliprole	0.02*	50	50	-	-
Chlorothalonil (R)	0.05*	-	10	-	-
Chlorpyrifos (F)	2	-	10	2	2
Clofentezine (R)	0.05*	-	20	-	-
Clothianidin	0.7	70	50	0.7	0.7
Copper compounds (Copper)	40	-	-	150	-
Cyfluthrin isomers	0.1*	-	20	-	-
Cyhalothrin	-	-	15	-	-
Cypermethrin	0.5	-	20	-	15
DDT isomers	0.2*	-	-	-	-
Deltamethrin ≈	5	-	5	5	5
Diazinon	0.05*	-	0.1	-	-
Dichlorvos	0.02*	-	0.1	-	-
Dicofol	20	50	-	40	40
Difenoconazole	0.05*	-	15	-	-
Diflubenzuron	0.05	-	20	-	-
Dimethoate	0.05*	-	1	-	-
Dinotefuran	-	50	25	-	-
Diuron	0.05*	-	1	-	-
Emamectin benzoate	0.02*	-	0.5	0.01*	-
Endosulfan §	30	24	30	-	10
Endrin	0.01*	-	-	-	-
Ethephon	0.1*	-	0.1	-	-
Ethion	3	-	0.3	5	-
Ethiprole	-	30	10	-	-
Etoxazole	15	15	15	15	15
Fenazaquin	10	9	10	3	-
Fenitrothion	0.05*	-	0.1	-	-
Fenpropathrin ^	2	2	25	2	3
Fenpyroximate Ω	8	20	40	2	8
Fenvalerate	0.1*	-	1	-	-
Fipronil	0.005*	-	-	-	-

* Indicates lower limit of analytical determination

EPA MRL as on Jan. 2021

EU MRL as on Jan. 2021

Codex MRL as on Jan. 2021

FSSAI MRL as on Jan. 2021

Name of the chemicals	Maximum Residue Limit (mg/kg)				
	EU	EPA	Japan	FSSAI	Codex
Flubendiamide	0.02*	50	50	50	50
Flufenoxuron	15	-	15	-	20
Flufenzin ^	0.1*	-	-	-	-
Fluoride ion	350	-	-	-	-
Gibberellic acid	-	-	-	-	-
Glufosinate-ammonium	0.1*	-	0.3	0.01	-
Glyphosate	2	1	1	1	-
Heptachlor	0.02*	-	-	-	-
Hexachlorobenzene	0.02	-	0.02	-	-
Hexachlorocyclohexane (HCH)	0.01*	-	-	-	-
Hexaconazole ^	0.05*	-	-	0.02	-
Hexythiazox Ω	4	-	15	15	15
Imidacloprid	0.05*	-	10	-	50
Indoxacarb	5	-	-	-	5
Lambda-Cyhalothrin	0.01*	-	-	0.05*	-
Lead	-	-	-	10	-
Lindane	0.01*	-	0.05	-	-
Malathion	0.5	-	-	-	-
Mancozeb	0.1*	-	-	3	-
Mercury	0.02*	-	-	-	-
Methidathion	0.1*	-	1	-	0.5
Milbemectin	0.1*	-	1	-	-
Monocrotophos	0.05*	-	0.1	-	-
Nicotine	0.6	-	-	-	-
Oxydemeton-methyl	0.05*	-	0.05	-	-
Oxyfluorfen Ω	0.05*	-	-	0.2	-
Paraquat ^	0.05*	-	0.3	0.2	0.2
Permethrin	0.1*	-	20	-	20
Phorate	0.05*	-	0.1	-	-
Phosalone	0.05*	-	15	-	-
Profenofos	0.05*	-	0.2	-	-
Propargite	10	10	5	10	5
Propiconazole ≈	0.05*	4	0.1	0.1	-
Propineb	0.1	-	-	-	-
Pyriproxyfen	15	15	15	-	-
Quinalphos	0.05*	-	0.1	0.01	-
Saflufenacil	0.03*	-	-	-	-
Simazine	0.05*	-	-	-	-
Spiromesifen	50	40	30	70	70
Tebuconazole	0.05*	-	50	-	-
Tetraconazole	0.02*	-	20	-	-
Thiacloprid	10	-	25	5	-
Thiamethoxam ^	20	20	20	20	20
Thiophanate-methyl	0.1*	-	-	-	-
Thiram	0.2*	-	-	-	-
Tolfenpyrad	-	30	20	-	-
Triazophos	0.02*	-	-	-	-
Tridemorph	0.05*	-	20	-	-
Trifloxystrobin	0.05*	-	5	-	-
Ziram	0.2*	-	-	-	-

§ BANNED BY SUPREME COURT ON 13/5/2011

Japan MRL as on Jan. 2021

Ω GSR 328(E) 15th May 2009

≈GSR 264 (E) 30th March 2011

^GSR 261(E) 20th April 2009