

Raspberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets - Insecticides

Dani Lightle, Pesticide Registration Research Leader, Oregon State University

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Current as of: April 23, 2024

Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Abamectin	AgriMek	0.2	0.2	0.2	0.2	0.2	{0.08}	{0.08}	---	{0.05}	0.2	{0.02}
Acequinocyl	Kanemite	4	4	4	{0.01}	---	{0.01}	{0.01}	---	{0.01}	{0.5}	---
Acetamiprid	Assail	1.6	2	4	2	2	2	2	---	2	{1}	{1}
Bifenazate	Acramite	5	7	5	---	7	7	7	---	7	{0.5}	---
Bifenthrin	Brigade	1	3	1	---	1	1	1	1	1	1	1
Carbaryl	Sevin	12	15	{10}	---	---	{0.01}	{0.01}	---	12	{0.01}	{0.5}
Chlorantraniliprole	Altacor	1.8	2.5	{0.9}	{1}	{1}	{1.5}	{1}	{1}	2	{1}	1.8
Cyantraniliprole	Exirel	4	4	4	4	---	{0.01}	{1.5}	---	{0.01}	{0.3}	{3}
Diazinon	Diazinon	0.75	{0.5}	{0.1}	---	---	{0.01}	{0.01}	{0.2}	{0.2}	{0.01}	{0.5}
Esfenvalerate	Asana	1	1	{0.1}	{0.2}	---	{0.02}	{0.02}	{0.2}	1	{0.01}	1
Etoazole	Zeal	1.5	{0.5}	1.5	---	---	{0.01}	{0.01}	---	{0.01}	{0.2}	{0.01}
Fenbutatin-Oxide	Vendex	10	{1}	{0.1}	---	---	{0.01}	{0.01}	10	10	{0.01}	---
Fenpropathrin	Danitol	12	---	12	{5}	---	{0.01}	{0.01}	{5}	12	{0.01}	{3}
Fenpyroximate	FujiMite	3	3	{0.1}	---	---	{1.5}	3	---	3	{0.7}	{0.5}
Flupyradifurone	Sivanto	5	6	5	---	6	6	6	---	6	{1}	---
Hexythiazox	Savey	3	3	{1.5}	---	---	{0.01}	{0.5}	---	{0.01}	{0.01}	{1}
Imidacloprid	Admire	2.5	5	2.5	5	5	{0.01}	5	5	4	{1.5}	{1}
Malathion	Malathion	8	10	8	---	---	{0.02}	{0.02}	8	8	{6}	{0.01}
Methoxyfenozide	Intrepid	6	6	6	---	---	{0.01}	{0.01}	---	6	{1}	{0.01}
Pyrethrins	Pyganic	1	1	1	---	---	1	1	---	1	{0.01}	---
Pyriproxyfen	Esteem	1	1	{0.1}	---	---	{0.01}	{0.05}	---	{0.01}	{0.01}	{0.5}
Spinetoram	Delegate	0.8	0.8	{0.5}	0.8	0.8	1	1	---	0.8	{0.7}	{0.5}
Spinosad	Entrust	1	1.5	{0.5}	---	1	1.5	1.5	---	1	{0.5}	1
Sulfoxaflor	Transform	1.5	1.5	{0.1}	---	1.5	{0.01}	{0.3}	---	2	{0.5}	1.5
Tebufenozide	Confirm	3	3	{0.1}	---	{2}	{2}	{2}	{2}	{2}	{0.01}	{2}
Thiamethoxam	Actara	0.35	0.5	0.5	0.5	0.5	{0.01}	{0.01}	0.5	0.5	1	0.5
Tolfenpyrad	Bexar	7	---	{0.1}	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	{0.01}
Zeta-cypermethrin	Mustang	0.8	0.8	0.8	---	---	{0.5}	{0.5}	---	0.8	{0.5}	2

All MRLs listed in ppm

{ } = indicate a MRL that is lower than US tolerances

--- = no MRL established in that market

Blackberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets - Insecticides

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Current as of: April 23, 2024

Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Abamectin	AgriMek	0.2	0.2	0.2	0.2	0.2	{0.08}	{0.08}	---	{0.05}	0.2	{0.02}
Acequinocyl	Kanemite	4	{0.02}	4	{0.01}	---	{0.01}	{0.01}	---	{0.01}	{0.5}	---
Acetamiprid	Assail	1.6	{1}	4	2	2	2	2	---	2	{1}	{1}
Bifenzate	Acramite	5	7	5	7	7	7	7	---	7	{0.5}	---
Bifenthrin	Brigade	1	3	1	1	1	1	1	1	1	1	1
Carbaryl	Sevin	12	{0.02}	{10}	---	---	{0.01}	{0.01}	---	12	{0.01}	{0.5}
Chlorantraniliprole	Altacor	1.8	2.5	{0.9}	{1}	{1}	{1.5}	{1}	{1}	2	{1}	1.8
Cyantraniliprole	Exirel	4	{0.05}	4	4	---	{0.01}	{1.5}	---	{0.01}	{0.3}	{3}
Diazinon	Diazinon	0.75	{0.5}	{0.1}	{0.1}	---	{0.01}	{0.01}	{0.1}	{0.1}	{0.01}	{0.5}
Esfenvalerate	Asana	1	1	{0.1}	{0.2}	---	{0.02}	{0.02}	{0.2}	1	3	1
Etoazole	Zeal	1.5	{0.5}	1.5	---	---	{0.01}	{0.01}	---	{0.01}	{0.2}	{0.01}
Fenpropathrin	Danitol	12	---	12	{5}	---	{0.01}	{0.01}	{5}	12	{0.01}	{3}
Fenpyroximate	FujiMite	3	{0.1}	{0.1}	---	---	{0.7}	3	---	3	{0.7}	{0.5}
Flupyradifurone	Sivanto	5	6	5	---	6	6	6	---	6	{1}	---
Hexythiazox	Savey	3	{1}	{1.5}	---	---	{0.01}	{0.5}	---	{0.01}	{0.01}	{1}
Imidacloprid	Admire	2.5	5	2.5	5	5	{0.01}	5	5	4	{1.5}	{1}
Malathion	Malathion	8	10	8	---	---	{0.02}	{0.02}	8	8	{6}	{0.01}
Methoxyfenozide	Intrepid	6	{0.03}	6	---	---	{0.01}	{0.01}	---	6	{1}	{0.01}
Pyrethrins	Pyganic	1	1	1	---	---	1	1	1	1	1	---
Pyriproxyfen	Esteem	1	1	{0.1}	---	---	{0.01}	{0.05}	---	{0.01}	{0.01}	{0.5}
Spinetoram	Delegate	0.8	{0.5}	{0.5}	---	---	1	1	---	{0.7}	{0.7}	---
Spinosad	Entrust	1	{0.7}	{0.5}	1	1	1.5	1.5	---	1	{0.5}	1
Sulfoxaflor	Transform	1.5	1.5	{0.1}	---	1.5	{0.01}	{0.3}	---	2	{0.5}	1.5
Tebufenozide	Confirm	3	{0.05}	{0.1}	---	---	{0.01}	{0.01}	3	3	{0.01}	{0.01}
Thiamethoxam	Actara	0.35	0.5	0.5	0.5	0.5	{0.01}	{0.01}	0.5	0.5	1	0.5
Tolfenpyrad	Bexar	7	---	{0.1}	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	{0.01}
Zeta-cypermethrin	Mustang	0.8	{0.5}	0.8	---	---	{0.5}	{0.5}	---	0.8	{0.5}	2

All MRLs listed in ppm

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--- = no MRL established in that market

Raspberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets - Fungicides

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Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Azoxystrobin	Abound	5	5	5	5	5	5	5	5	5	{3}	5
Captan	Captan	25	30	{5}	---	{20}	{20}	{20}	{20}	{20}	{5}	{20}
Fenhexamid	Elevate	20	20	20	{5}	{15}	{15}	{15}	{15}	{15}	{5}	---
Fosetyl-al	Alette	0.1	100	0.1	---	---	300	300	---	70	{0.01}	20
Iprodione	Rovral	15	{12}	25	---	30	{0.01}	{0.01}	30	{5}	{10}	{5}
Isofetamid	Kenja	4	5	4	---	{3}	7	{3}	---	4	{0.01}	4
Mefenoxam	Ridomil Gold	0.7	{0.5}	{0.2}	---	---	{0.02}	{0.02}	{0.2}	{0.2}	{0.01}	1
Myclobutanil	Rally	2	2	2	---	---	{0.01}	{1}	---	2	{0.01}	{0.5}
Oxathiapiprolin	Orondis Gold	0.5	0.5	0.5	---	0.5	0.5	0.5	---	0.5	0.5	---
Penthiopyrad	Fontelis	10	10	10	---	10	{0.01}	10	---	10	{0.5}	---
Propiconazole	Tilt	1	1	1	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	{0.5}
Pyraclostrobin	Cabrio	4	4	{3.5}	---	{3}	{3}	{3}	{2}	{3}	{3}	{3}
Pyriofenone	Prolivo	0.9	0.9	0.9	---	0.9	0.9	0.9	---	0.9	{0.01}	---
Fungicide pre-mixture formulations												
Azoxystrobin + propiconazole	QuiltXcel	5	5	5	5	5	5	5	5	5	{3}	5
		1	1	1	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	{0.5}
Boscalid + pyraclostrobin	Pristine	10	10	{6}	10	10	10	10	10	10	{9}	{6}
		4	4	{3.5}	---	{3}	{3}	{3}	{3}	{2}	{3}	{3}
Captan + fenhexamid	Captevate	25	30	{5}	---	{20}	{20}	{20}	{20}	{20}	{20}	{5}
		20	20	20	{5}	{15}	{15}	{15}	{15}	{15}	{15}	{5}
Cymoxanil + famoxadone	Tanos	4	---	4	---	---	{0.01}	{0.01}	---	4	{0.01}	{1}
		10	10	10	---	10	{0.01}	{0.01}	---	10	{0.01}	{0.01}
Cyprodinil + fludioxonil	Switch	10	10	10	10	10	{3}	{3}	10	10	10	{3}
		5	5	7	---	5	5	5	5	5	5	5
Fluopyram + pyrimethanil	Luna	5	5	5	{3}	5	5	5	---	5	6	---
	Tranquility	15	15	15	15	15	15	15	---	{10}	15	{10}
Mefenoxam + Copper Hydroxide	Ridomil Gold Copper	0.7 exempt	{0.5} exempt	{0.2} exempt	---	---	{0.02} exempt	{0.02} exempt	{0.2} exempt	{0.2} exempt	{0.01} exempt	1 exempt

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Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan	
Azoxystrobin	Abound	5	5	5	5	5	5	5	5	5	{3}	{2}	
Captan	Captan	25	30	{0.1}	---	---	{20}	{20}	---	{0.01}	{5}	{20}	
Fenhexamid	Elevate	20	20	20	{15}	{15}	{15}	{15}	{15}	{15}	{5}	---	
Fosetyl-al	Aliette	0.1	70	0.1	---	70	300	300	---	70	{0.01}	20	
Iprodione	Rovral	25	25	25	30	30	{0.01}	{0.01}	30	30	{10}	{5}	
Isofetamid	Kenja	4	5	4	---	{3}	7	{3}	---	4	{0.01}	---	
Mefenoxam	Ridomil Gold	0.7	{0.5}	{0.1}	---	---	{0.02}	{0.02}	---	0.7	{0.01}	1	
Myclobutanil	Rally	2	2	2	---	---	{0.8}	{1}	---	2	{0.01}	{0.5}	
Oxathiapiprolin	Orondis Gold	0.5	0.5	0.5	---	0.5	0.5	0.5	---	0.5	0.5	---	
Penthiopyrad	Fontelis	10	10	10	---	10	{0.01}	10	---	10	{0.5}	---	
Propiconazole	Tilt	1	1	1	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	1	
Pyraclostrobin	Cabrio	4	4	{3.5}	{3}	{3}	{3}	{3}	---	{3}	{3}	{3}	
Pyriofenone	Prolivo	0.9	0.9	0.9	---	0.9	0.9	0.9	---	0.9	{0.01}	0.9	
Fungicide pre-mixture formulations													
Azoxystrobin + propiconazole	QuiltXcel	5	5	5	5	5	5	5	5	5	{3}	{2}	
		1	1	1	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	1	
Boscalid + pyraclostrobin	Pristine	10	10	{6}	10	10	10	10	10	10	{9}	{6}	
		4	4	{3.5}	{3}	{3}	{3}	{3}	{3}	---	{3}	{3}	{3}
Cymoxanil + famoxadone	Tanos	4	---	4	---	---	{0.01}	{0.01}	---	4	{0.01}	{1}	
		10	---	10	---	---	{0.01}	{0.01}	---	10	{0.01}	{0.01}	
Cyprodinil + fludioxonil	Switch	10	10	10	10	10	{3}	{3}	---	10	10	{3}	
		5	5	7	5	5	5	5	5	5	5	5	5
Fluopyram + pyrimethanil	Luna	5	{3}	5	{3}	5	5	5	5	---	5	6	{2}
	Tranquility	15	15	15	15	15	15	15	15	---	{10}	15	{4}
Mefenoxam + Copper Hydroxide	Ridomil Gold Copper	0.7	{0.5}	{0.1}	---	---	{0.02}	{0.02}	---	0.7	{0.01}	1	
		exempt	exempt	exempt	exempt	exempt	exempt	exempt	exempt	exempt	exempt	exempt	

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Raspberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets - Herbicides

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Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Carfentrazone	Aim	0.1	{0.05}	0.1	---	---	{0.02}	{0.01}	0.1	0.1	{0.01}	0.1
Clethodim	Select Max	0.3	{0.1}	{0.1}	---	---	{0.1}	{0.1}	---	{0.01}	{0.01}	---
Dichlobenil	Casoron	0.1	1	0.1	0.2	0.2	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Diuron	Karmex	0.1	{0.05}	0.1	---	---	{0.01}	{0.01}	0.1	{0.05}	{0.01}	---
Fluazifop	Fusilade	0.08	0.2	0.08	{0.01}	0.08	0.08	{0.01}	---	{0.01}	{0.01}	{0.01}
Flumioxazin	Chateau	0.5	{0.02}	0.5	---	---	{0.02}	{0.02}	---	{0.01}	{0.01}	---
Fluridone	Brake On	0.1	---	0.1	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Glyphosate	Roundup	0.2	0.2	{0.1}	{0.1}	---	{0.1}	{0.1}	0.2	0.2	{0.05}	0.2
Halosulfuron	Sandea	0.05	0.05	0.05	---	---	{0.01}	{0.01}	---	0.05	{0.01}	---
Indaziflam	Alion	0.01	---	0.01	---	---	0.01	0.01	---	0.01	0.01	---
Isoxaben	Trellis	0.01	---	0.1	---	---	0.01	0.05	---	0.01	0.01	---
Mesotrione	Callisto	0.01	0.01	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	---
Napropamide	Devrinol	0.1	0.1	0.1	---	---	{0.01}	0.1	0.1	0.1	{0.01}	{0.01}
Norflurazon	Solicam	0.2	{0.05}	{0.1}	---	---	{0.01}	{0.01}	---	0.2	{0.01}	---
Oryzalin	Surflan	0.05	0.1	0.1	---	---	{0.01}	{0.01}	0.05	0.08	{0.01}	---
Oxyfluorfen	Goal	0.05	0.05	0.05	---	---	{0.01}	0.05	---	{0.01}	{0.01}	{0.01}
Paraquat	Gramoxone	0.05	0.05	0.05	{0.01}	{0.01}	{0.02}	{0.02}	{0.01}	0.05	{0.01}	{0.01}
Pronamide (propyzamide)	Kerb	0.05	{0.02}	0.1	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Quinclorac	Quinstar 4L	0.08	---	0.1	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Rimsulfuron	Matrix	0.01	---	0.01	---	---	0.01	0.01	---	0.01	0.01	---
Sethoxydim	Poast	5	{0.1}	5	---	---	{0.1}	{0.1}	---	{0.01}	{0.01}	{0.5}
Simazine	Simazine	0.2	{0.1}	{0.1}	---	---	{0.01}	{0.01}	---	0.2	{0.01}	0.2
S-metolachlor	Dual Magnum	0.1	---	0.1	---	---	{0.05}	{0.05}	---	{0.01}	{0.01}	{0.01}
Sulfentrazone	Zeus XC	0.15	---	0.15	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	---
Terbacil	Sinbar	0.2	---	{0.1}	---	---	{0.01}	{0.01}	---	{0.1}	{0.01}	---

All MRLs listed in ppm

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Raspberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets – Misc. Materials

Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Metaldehyde	Deadline	0.15	1	0.15	---	---	{0.05}	{0.05}	0.15	{0.01}	{0.01}	---

Blackberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets - Herbicides

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Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Carfentrazone	Aim	0.1	{0.05}	0.1	---	---	{0.02}	{0.01}	0.1	0.1	{0.01}	---
Clethodim	Select Max	0.3	{0.1}	{0.1}	---	---	{0.1}	{0.1}	---	{0.01}	{0.01}	---
Dichlobenil	Casoron	0.1	{0.05}	0.1	0.2	0.2	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Diuron	Karmex	0.1	{0.05}	0.1	---	---	{0.01}	{0.01}	0.1	{0.05}	{0.01}	---
Fluazifop	Fusilade	0.08	0.2	0.08	{0.01}	0.08	0.08	{0.01}	---	{0.01}	{0.01}	{0.01}
Flumioxazin	Chateau	0.5	{0.02}	0.5	---	---	{0.02}	{0.02}	---	{0.01}	{0.01}	---
Fluridone	Brake On	0.1	---	0.1	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Glyphosate	Roundup	0.2	{0.05}	{0.1}	{0.1}	---	{0.1}	{0.1}	0.2	0.2	{0.05}	0.2
Halosulfuron	Sandea	0.05	---	0.05	---	---	{0.01}	{0.01}	---	0.05	{0.01}	---
Indaziflam	Alion	0.01	---	0.01	---	---	0.01	0.01	---	0.01	0.01	---
Isoxaben	Trellis	0.01	---	0.1	---	---	0.01	0.05	---	0.01	0.01	---
Mesotrione	Callisto	0.01	0.01	0.1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	---
Napropamide	Devrinol	0.1	0.1	0.1	---	---	{0.01}	0.1	0.1	0.1	{0.01}	{0.01}
Norflurazon	Solicam	0.1	{0.05}	0.1	---	---	{0.01}	{0.01}	0.1	0.1	{0.01}	---
Oryzalin	Surflan	0.05	0.1	0.1	---	---	{0.01}	{0.01}	0.05	0.08	{0.01}	---
Oxyfluorfen	Goal	0.05	0.05	0.1	---	---	{0.01}	0.05	0.05	{0.01}	{0.01}	{0.01}
Paraquat	Gramoxone	0.05	0.05	0.05	{0.01}	{0.01}	{0.02}	{0.02}	{0.01}	0.05	{0.01}	{0.01}
Pronamide (propyzamide)	Kerb	0.05	{0.02}	0.1	---	---	{0.01}	{0.01}	0.05	{0.01}	{0.01}	---
Quinclorac	Quinstar 4L	0.08	---	0.1	---	---	{0.01}	{0.01}	---	{0.01}	{0.01}	---
Rimsulfuron	Matrix	0.01	---	0.01	---	---	0.01	0.01	---	0.01	0.01	---
Sethoxydim	Poast	5	{0.1}	5	---	---	{0.1}	{0.1}	---	{0.01}	{0.01}	---
Simazine	Simazine	0.2	{0.1}	{0.1}	---	---	{0.01}	{0.01}	0.2	0.2	{0.01}	---
S-metolachlor	Dual Magnum	0.1	---	0.1	---	---	{0.05}	{0.05}	---	{0.01}	{0.01}	{0.01}
Sulfentrazone	Zeus XC	0.15	---	0.15	---	---	{0.01}	{0.01}	---	{0.05}	{0.01}	---
Terbacil	Sinbar	0.2	---	{0.1}	---	---	{0.01}	{0.01}	---	{0.1}	{0.01}	---

All MRLs listed in ppm

{ } = indicate a MRL that is lower than US tolerances

--- = no MRL established in that market

Blackberry Maximum Residue Limits (MRLs) for USA and Foreign Trade Markets – Misc. Materials

Active Ingredient	Example Trade Name	USA	Australia	Canada	China	CODEX	EU	Great Britain	Hong Kong	Japan	Korea	Taiwan
Ethephon	Ethrel	30	{0.1}	{20}	---	---	{0.05}	{0.05}	30	{2}	{0.01}	{2}
Metaldehyde	Deadline	0.15	1	0.15	---	---	{0.05}	{0.05}	0.15	{0.01}	{0.01}	---