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

Dani Lightle, Pesticide Registration Research Leader, Oregon State University

danielle.lightle@oregonstate.edu

Current as of: January 3, 2022

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Active Ingredient	Example Trade Name	NSA	Australia	Brazil	Canada	China	CODEX	Ð	Great Britain	Hong Kong	Indonesia	Japan
Acequinocyl	Kanemite	3			{0.1}	{0.01}		{0.01}	{0.01}			{0.01}
Acetamiprid	Assail	1.6	1.6	2	1.6	2	2	2	2		2	2
Bifenthrin	Brigade	1.8	3	{0.01}	3	3	3	3	3			3
Carbaryl	Sevin	3	{0.02}		7			{0.01}	{0.01}			3
Chlorantraniliprole	Altacor	2.5	3	{1}	{0.35}	{1}	{1}	{1.5}	{1.5}	{1}	{1}	3
Cyantraniliprole	Exirel	4	4	4	4	4	4	4	4			4
Cyclaniliprole	Verdepryn	1.5		1.5	1.5		1.5	{0.01}	{0.01}			2
Diazinon	Diazinon	0.5	0.5		{0.1}			{0.01}	{0.01}	0.5		{0.05}
Esfenvalerate	Asana	1	1		{0.1}	{0.2}		{0.02}	{0.02}	{0.2}		1
Fenpropathrin	Danitol	3	3		3	5		{0.01}	{0.01}	5		5
Fenpyroximate	FujiMite	3	{0.1}	{0.01}	{0.1}			{0.4}	{0.4}			{0.01}
Flupyradifurone	Sivanto	4	4	4	4	4	4	4	{0.01}			4
Imidacloprid	Admire	3.5	3.5	5	3.5	5	5	5	5	5	5	4
Indoxacarb	Avaunt	1.5	2		{0.1}			{0.8}	{0.8}	{1}		{0.01}
Malathion	Malathion	8	10	10	8	10	10	{0.02}	{0.02}	10	10	10
Methomyl	Lannate	6	{2}	{0.015}	6	{0.2}		{0.01}	{0.01}	6		{1}
Methoxyfenozide	Intrepid	3	{2}	4	4	4	4	4	4	4	4	4
Novaluron	Rimon	7	{0.1}	7	7	7	7	7	7	7	7	7
Phosmet	Imidan	10	10	10	{5}	10	10	10	10	10	10	10
Pyrethrin	Pyganic	1	1		1			1	1	1		1
Pyriproxyfen	Esteem	1	{0.1}		1.5			{0.05}	{0.05}			1
Spinetoram	Delegate	0.5	0.5	{0.3}	0.5	{0.2}	{0.2}	{0.4}	{0.4}		{0.2}	0.5
Spinosad	Entrust	0.4	0.7	0.4	0.5	0.4	0.4	1.5	1.5	0.7	0.4	0.4
Spirotetramat	Movento	3	3	{1.5}	3	{1.5}	{1.5}	{1.5}	{0.7}			3
Sulfoxaflor	Transform	2	{0.01}		{0.1}			{0.01}	{0.01}			{0.7}
Tebufenozide	Confirm	3	3	3	3	3	3	3	3	3	3	3
Thiamethoxam	Actara	0.2	0.5	0.5	0.2	0.5	0.5	{0.01}	{0.01}	0.5	0.5	0.5
Tolfenpyrad	Bexar	7			{0.1}			{0.01}	{0.01}			{0.01}
Zeta-cypermethrin	Mustang	0.8	0.8		0.8			{0.05}	{0.05}			{0.5}

See back of page for MRLs for: Korea, Malaysia, Mexico, Philippines, Singapore, Taiwan, Thailand & Vietnam.

All MRLs listed in ppm

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Active Ingredient	Example Trade Name	NSA	Korea	Malaysia	Mexico	Philippines	Singapore	Taiwan	Thailand	UAE	Vietnam
Acequinocyl	Kanemite	3	{0.01}	{0.01}	3				{0.01}	{0.01}	
Acetamiprid	Assail	1.6	{0.5}	2	1.6	2	2	{1}	2	2	2
Bifenthrin	Brigade	1.8	1.8	3	1.8	3	3	{1}	3	3	
Carbaryl	Sevin	3	{0.01}	{0.01}	3		7	{0.5}	{0.01}	{0.01}	
Chlorantraniliprole	Altacor	2.5	{1}	{1}	2.5	{1}	{1}	{2}	{1}	{1}	{1}
Cyantraniliprole	Exirel	4	4	4	4	4	4		4	4	4
Cyclaniliprole	Verdepryn	1.5	1.5	1.5	1.5	1.5	1.5		1.5	1.5	
Diazinon	Diazinon	0.5	{0.01}	{0.01}	0.5		0.5	0.5	{0.01}	{0.01}	
Esfenvalerate	Asana	1	{0.01}	{0.01}	1			1	{0.01}	{0.02}	
Fenpropathrin	Danitol	3	3	{0.01}	3			3	{0.01}	{0.01}	
Fenpyroximate	FujiMite	3	{0.3}	{0.01}	3			{0.5}	{0.01}	{0.4}	
Flupyradifurone	Sivanto	4	4	4	4	4	4	4	4	4	
Imidacloprid	Admire	3.5	4	5	3.5	5	5	{1}	5	5	5
Indoxacarb	Avaunt	1.5	2	{0.01}	1.5			{1}	{0.01}	{0.8}	
Malathion	Malathion	8	10	10	8	10	10	{0.01}	10	10	10
Methomyl	Lannate	6	6	{0.01}	6			{2}	{0.01}	{0.01}	
Methoxyfenozide	Intrepid	3	3	4	3	4	4	4	4	4	4
Novaluron	Rimon	7	7	7	7	7	7		7	7	7
Phosmet	Imidan	10	10	10	10	10	10	{1}	10	10	10
Pyrethrin	Pyganic	1	{0.01}	{0.01}	1		1		{0.01}	1	
Pyriproxyfen	Esteem	1	1	{0.01}	1			{0.5}	{0.01}	{0.05}	
Spinetoram	Delegate	0.5	{0.2}	{0.2}	0.5	{0.2}	{0.2}	{0.2}	{0.2}	{0.2}	{0.2}
Spinosad	Entrust	0.4	1	0.4	1.5	0.4	0.4	0.4	0.4	0.4	0.4
Spirotetramat	Movento	3	3	{1.5}	3	{1.5}	{1.5}		{1.5}	{1.5}	{1.5}
Sulfoxaflor	Transform	2	2	{0.01}	2				{0.01}	(0.01}	
Tebufenozide	Confirm	3	3	3	3	3	3	{0.01}	3	3	3
Thiamethoxam	Actara	0.2	1	0.5	0.2	0.5	0.5	0.5	0.5	0.5	0.5
Tolfenpyrad	Bexar	7	{0.01}	{0.01}	7			{0.01}	{0.01}	{0.01}	
Zeta-cypermethrin	Mustang	0.8	{0.01}	{0.01}	0.8		{0.5}	2	{0.01}	{0.05}	

See back of page for MRLs for: Australia, Brazil, Canada, China, Codex, EU, Great Britain, Hong Kong, Indonesia & Japan.

All MRLs listed in ppm

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

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Current as of: January 3, 2022

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Active Ingredient	Example Trade Name	USA	Australia	Brazil	Canada	China	CODEX	EU	Great Britain	Hong Kong	Indonesia	Japan
Azoxystrobin	Abound	5	5	5	{3}	5	5	5	5	5	5	5
Captan	Captan	20	20	20	{5}	20	20	30	30	20	20	20
Chlorothalonil	Bravo	1	10		{0.6}			{0.01}	{0.01}	10		1
Fenbuconazole	Indar	0.3	0.3	0.5	0.3	0.5	0.5	0.5	0.5		0.5	0.7
Fenhexamid	Elevate	5	5	5	{4}	5	5	20	20	5	5	5
Fluazinam	Omega	7	7	{2}	7			{3}	{3}			{4}
Fosetyl-al	Aliette	40	40		40			200	80			70
Iprodione	Meteor	15	{12}		{0.07}			{0.01}	{0.01}	{12}		15
Isofetamid	Kenja	5	5	{4}	5		{4}	{0.01}	{0.01}			5
Mefenoxam	Ridomil Gold	2	2		3			{0.01}	{0.01}	{0.5}		2
Mefentrifluconazole	Cevya	5	{0.02}		{0.1}			{0.01}	{0.01}			{0.01}
Metconazole	Quash	0.4	0.4	0.5	0.4		0.5	0.4	0.4			0.4
Penthiopyrad	Fontelis	6	{3}	7	6		7	{0.01}	{0.01}			{3}
Propiconazole	Tilt	1	2		1			{0.01}	{0.01}	2		1
Prothioconazole	Proline	2	2	{1.5}	2	{1.5}	{1.5}	{0.01}	{0.01}			2
Pyriofenone	Prolivo	1.5	1.5	1.5	1.5		1.5	1.5	1.5			2
Ziram	Ziram	7	15		7			{0.1}	{0.1}	10		{5}
		—	1	-	e pre-mix					-		
Azoxystrobin +		5	5	5	{3}	5	5	5	5	5	5	5
propiconazole	Quilt Xcel	1	2		1			{0.01}	{0.01}	2		1
Azoxystrobin +	Quadris	5	5	5	{3}	5	5	5	5	5	5	5
difenoconazole	Тор	4	{0.02}	{0.5}	4		4	4	4			4
Boscalid +	D. S. M.	13	15	{5}	{6}	{10}	{10}	15	15	{10}	{10}	{10}
pyraclostrobin	Pristine	4	5	{1.5}	{3.5}	4	4	4	4	{1}	4	4
Captan +		20	20	20	{5}	20	20	30	30	20	20	20
fenhexamid	Captevate	5	5 3	5	{4}	5	5	20	20	5	5	5
Cyprodinil +	Culitala	3		10	4	10	10	8	3			5
fludioxonil	Switch	2	5	2	2	2	2	4	2	2	2	2
Difenconazole +	Inspire	4	{0.02}	{0.5}	4		4	4	4			4
cyprodinil	Super	3	3	10	4	10	10	3	3			5
Fluopyram +	Luna	7	7	7	7		7	7	7			7
pyrimethanil	Tranquility	8	8	{2}	8	8	8	8	8	{5}		{5}
Oxathiapiprolin +	Orondis	0.5	{0.02}		{0.1}			{0.01}	{0.01}			{0.01}
Mefenoxam	Gold	2	2		3			{0.01}	{0.01}	{0.5}		2

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Active Ingredient	Example Trade Name	NSA	Korea	Malaysia	Mexico	Philippines	Singapore	Taiwan	Thailand	UAE	Vietnam
Azoxystrobin	Abound	5	7	5	5	5	5	5	5	5	5
Captan	Captan	20	20	20	20	20	20	20	20	20	20
Chlorothalonil	Bravo	1	{0.01}	{0.01}	1		10	1	{0.01}	{0.01}	
Fenbuconazole	Indar	0.3	0.3	0.5	0.3	0.5	0.5	0.5	0.5	0.5	0.5
Fenhexamid	Elevate	5	5	5	5	5	5	5	5	5	5
Fluazinam	Omega	7	{5}	{0.01}	7				{0.01}	{3}	
Fosetyl-al	Aliette	40	{0.01}	{0.01}	40			{20}	{0.01}	200	
Iprodione	Meteor	15	{10}	{0.01}	15		{10}	{5}	{0.01}	{0.01}	
Isofetamid	Kenja	5	{0.01}	{4}	5	{4}	{4}		{4}	{4}	
Mefenoxam	Ridomil Gold	2	{0.01}	{0.01}	2			2	{0.01}	{0.01}	
Mefentrifluconazole	Cevya	5	{0.01}	{0.01}	5				{0.01}	{0.01}	
Metconazole	Quash	0.4	2	0.5	0.4	0.5	0.5	0.4	0.5	0.5	
Penthiopyrad	Fontelis	6	{0.07}	7	6	7	7		7	7	
Propiconazole	Tilt	1	{0.01}	{0.01}	1			2	{0.01}	{0.01}	
Prothioconazole	Proline	2	{1.5}	{1.5}	2	{1.5}	{1.5}	{1.5}	{1.5}	{1.5}	{1.5}
Pyriofenone	Prolivo	1.5	{0.01}	1.5	1.5	1.5	1.5		1.5	1.5	
Ziram	Ziram	7	{5}	{0.01}	7		7	{5}	{0.01}	{0.1}	
			Fungicid	e pre-mix	ture form	nulation	S				
Azoxystrobin +		5	7	5	5	5	5	5	5	5	5
propiconazole	Quilt Xcel	1	{0.01}	{0.01}	1			2	{0.01}	{0.01}	
Azoxystrobin +	Quadris	5	7	5	5	5	5	5	5	5	5
difenoconazole	Тор	4	4	4	4	4	4	{1}	4	4	
Boscalid +		13	{10}	{10}	13	{10}	{10}	{10}	{10}	{10}	{10}
pyraclostrobin	Pristine	4	4	4	4	4	4	{1}	4	4	4
Captan +		20	20	20	20	20	20	20	20	20	20
fenhexamid	Captevate	5	5	5	5	5	5	5	5	5	5
Cyprodinil +		3	4	10	3	10	10	3	10	10	10
fludioxonil	Switch	2	2	2	2	2	2	2	2	2	2
Difenoconazole +	Inspire	4	4	4	4	4	4	{1}	4	4	
cyprodinil	Super	3	4	10	3	10	10	3	10	10	10
Fluopyram +	Luna	7	{6}	7	7	7	7	{2}	7	7	
pyrimethanil	Tranquility	8	8	8	8	8	8	{7}	8	8	
Oxathiapiprolin +	Orondis	0.5	0.5	{0.01}	0.5				{0.01}	{0.01}	
Mefenoxam	Gold	2	{0.01}	{0.01}	2			2	{0.01}	{0.01}	

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Active Ingredient	Example Trade Name	NSA	Australia	Brazil	Canada	China	CODEX	EU	Great Britain	Hong Kong	Indonesia	Japan
2,4-D amine	Saber	0.2	0.2	{0.1}	{0.01}	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}
Carfentrazone	Aim	0.1	0.1		0.1			{0.02}	{0.01}	0.1		0.1
Clethodim	Select Max, Arrow	0.2	0.2		0.2			{0.1}	{0.1}			{0.01}
Clopyralid	Stinger	0.5	0.5		{0.1}			0.5	0.5			{0.01}
Dichlobenil	Casoron	0.15	1		0.5	0.2		{0.01}	{0.01}			{0.01}
Diquat	Reglone	0.05	0.05		0.1			{0.01}	{0.01}			{0.01}
Diruon	Karmex	0.1	{0.05}		0.1			{0.01}	{0.01}	0.1		{0.05}
Fluazifop	Fusilade	0.3	{0.2}	0.3	{0.1}		0.3	{0.1}	{0.1}			{0.01}
Flumioxazin	Chateau	0.02	0.02	0.02	0.02	0.02	0.02	0.02	0.02			0.02
Glufosinate	Rely	0.15	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}	0.9	0.9	{0.1}	{0.1}	{0.1}
Glyphosate	Roundup	0.2	{0.05}		{0.1}	{0.1}		{0.1}	{0.1}	0.2		0.2
Halosulfuron	Sandea	0.05	0.05		0.05			{0.01}	{0.01}			0.05
Hexazinone	Velpar	0.6	0.6		{0.1}			{0.01}	{0.01}			{0.2}
Indaziflam	Alion	0.01			0.01			0.01	0.01			0.01
Isoxaben	Trellis	0.01			0.1			0.05	0.05			0.01
Mesotrione	Callisto	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01
Napropamide	Devrinol	0.1	0.1		0.1			{0.02}	{0.02}	0.1		0.1
Norflurazon	Solicam	0.2	{0.05}		{0.1}			{0.01}	{0.01}	0.2		0.2
Oryzalin	Surflan	0.05	0.1		0.1			{0.01}	{0.01}	0.05		0.08
Paraquat	Gramoxone	0.05	0.05	{0.01}	0.05	{0.01}	{0.01}	{0.02}	{0.02}	{0.01}	{0.01}	0.05
Pendimethalin	Aquapen	0.1	{0.05}	{0.05}	0.1		{0.05}	{0.05}	{0.05}			{0.05}
Pronamide (propyzamide)	Kerb	0.05	{0.02}		0.1			{0.01}	{0.01}	0.05		{0.01}
Quinclorac	Quinstar	0.08			0.1			{0.01}	{0.01}			2
Rimsulfuron	Matrix	0.01	0.02		0.01			0.01	0.01			0.05
Sethoxydim	Poast	4	4		4			{0.1}	{0.1}			4
Simazine	Simazine, Princep	0.2	{0.1}		{0.1}			{0.01}	{0.01}	0.2		0.2
S-metolachlor	Dual Magnum	0.15			0.15			{0.05}	{0.05}			{0.01}
Sulfentrazone	Zeus	0.15			0.15			{0.01}	{0.01}			{0.05}
Terbacil	Sinbar	0.2	0.2		{0.1}			{0.01}	{0.01}			{0.1}

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Active Ingredient	Example Trade Name	NSA	Korea	Malaysia	Mexico	Philippines	Singapore	Taiwan	Thailand	UAE	Vietnam
2,4-D amine	Saber	0.2	{0.03}	{0.1}	0.2	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}
Carfentrazone	Aim	0.1	{0.01}	{0.01}	0.1			0.1	{0.01}	{0.02}	
Clethodim	Select Max, Arrow	0.2	{0.01}	{0.01}	0.2				{0.01}	{0.1}	
Clopyralid	Stinger	0.5	0.5	{0.01}	0.5				{0.01}	0.5	
Dichlobenil	Casoron	0.15	{0.01}	{0.01}	0.15				{0.01}	{0.01}	
Diquat	Reglone	0.05	{0.01}	{0.01}	0.05				{0.01}	{0.01}	
Diuron	Karmex	0.1	{0.01}	{0.01}	0.1				{0.01}	{0.01}	
Fluazifop	Fusilade	0.3	{0.01}	0.3	0.3	0.3	0.3	{0.01}	0.3	0.3	
Flumioxazin	Chateau	0.02	{0.01}	0.02	0.02	0.02	0.02		0.02	0.02	
Glufosinate	Rely	0.15	{0.1}	{0.1}	0.15	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}	{0.1}
Glyphosate	Roundup	0.2	{0.05}	{0.01}	0.2			0.2	{0.01}	{0.1}	
Halosulfuron	Sandea	0.05	{0.01}	{0.01}	0.05				{0.01}	{0.01}	
Hexazinone	Velpar	0.6	{0.05}	{0.01}	0.6			{0.01}	{0.01}	{0.01}	
Indaziflam	Alion	0.01	0.01	0.01	0.01				0.01	0.01	
Isoxaben	Trellis	0.01	0.01	0.01	0.01				0.01	0.05	
Mesotrione	Callisto	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Napropamide	Devrinol	0.1	{0.01}	{0.01}	0.1			{0.01}	{0.01}	{0.02}	
Norflurazon	Solicam	0.2	{0.01}	{0.01}	0.2			{0.1}	{0.01}	{0.01}	
Oryzalin	Surflan	0.05	{0.01}	{0.01}	0.05				{0.01}	{0.01}	
Paraquat	Gramoxone	0.05	{0.01}	{0.01}	0.05	{0.01}	0.05	{0.01}		{0.01}	{0.01}
Pendimethalin	Aquapen	0.1	{0.01}	{0.05}	0.1	{0.05}	{0.05}	{0.01}	{0.05}	{0.05}	
Pronamide	Kerb	0.05	{0.01}	{0.01}	0.05				{0.01}	{0.01}	
Quinclorac	Quinstar	0.08	{0.01}	{0.01}	0.08				{0.01}	{0.01}	
Rimsulfuron	Matrix	0.01	0.01	0.01	0.01				0.01	0.01	
Sethoxydim	Poast	4	{0.01}	{0.01}	4				{0.01}	{0.1}	
Simazine	Simazine, Princep	0.2	{0.01}	{0.01}	0.2			0.2	{0.01}	{0.01}	
S-metolachlor	Dual Magnum	0.15	{0.01}	{0.01}	0.15			0.15	{0.01}	{0.05}	
Sulfentrazone	Zeus	0.15	{0.01}	{0.01}	0.15			{0.1}	{0.01}	{0.01}	
Terbacil	Sinbar	0.2	{0.01}	{0.01}	0.2				{0.01}	{0.01}	

See back of page for MRLs for: Australia, Brazil, Canada, China, Codex, EU, Hong Kong, Indonesia & Japan.

All MRLs listed in ppm

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

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

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Current as of: January 3, 2022

Active Ingredient	Example Trade Name	NSA	Australia	Brazil	Canada	China	CODEX	EU	Great Britain	Hong Kong	Indonesia	Japan
Ethephon	Ethrel	20	{10}		{10}	20		20	20	20	20	20
Metaldehyde	Deadline	0.15	1		{0.1}			{0.05}	{0.05}	0.15		{0.01}

Active Ingredient	Example Trade Name	NSA	Korea	Malaysia	Mexico	Philippines	Singapore	Taiwan	Thailand	UAE	Vietnam
Ethephon	Ethrel	20	{0.01}	{0.01}	20			{2}	{0.01}	20	20
Metaldehyde	Deadline	.15	{0.01}	{0.01}	0.15				{0.01}	{0.05}	

All MRLs listed in ppm

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