

ANNEX 1: UK Approvals for pesticides on outdoor hops

Active	Product Name (not exhaustive)	Acceptability for brewing	Latest UK expiry date	Comments	EU/UK MRL as of May 2013
Key: * value at limit of detection	**Extension of Authorisation for Minor Uses ("Off-label") allows a product which is authorised for use on a major crop to be used on a minor crop such as hops for as long as the product retains its main authorisation. Efficacy and phytotoxicity on the minor crop has not been tested: this is the user's responsibility.				
Fungicides					

Boscalid	Bellis (also contains pyraclostrobin)	Limited small scale trials with treated barleys at IFBM showed no effect on beer quality. Accepted for barley, but prior to ear emergence only. Hops not tested .	31/07/2019	UK authorisation under Minor Uses Authorisation**	60
Bupirimate	Nimrod	Accepted on the basis of brewing trials at Campden BRI	31/12/2021		10
Copper oxychloride	Cuprokylt	Accepted on the basis of brewing trials at Campden BRI using metalaxyl-copper mixture	31/12/2021		1000 (Cu)
Cymoxanil	Option	Accepted on the basis of brewing trials at Campden BRI	31/12/2021	UK authorisation under Minor Uses	2
Fenpropimorph	Corbel	Accepted on the basis of brewing trials at Campden BRI	31/12/2021	UK authorisation under Minor Uses	10
Metalaxyl -M	SL 567A	Accepted on the basis of brewing trials at Campden BRI	30/06/2018	UK authorisation under Minor Uses	10
Myclobutanil	Systhane 20EW	Accepted on the basis of brewing trials at Campden BRI	31/12/2021	UK authorisation under Minor Uses	2
Penconazole	Topas	Accepted on the basis of brewing trials at Campden BRI	31/12/2021		0.5
Potassium bicarbonate	Potassium bicarbonate	Accepted on the basis of evaluation at CampdenBRI	31/08/2019	Authorised as a commodity substance	No limit set

Pyraclostrobin	Bellis (also contains boscalid)	Limited small scale trials with treated barleys at IFBM showed some small effect on alcohol production. Accepted for barley, but prior to ear emergence only	31/07/2019	UK authorisation under Minor Uses Authorisation**	10
Quinoxyfen	Fortress	Accepted for barley on the basis of trials at TNO. Not tested with hops.	01/09/2014	UK authorisation under Minor Uses Authorisation**	0.5
Sulphur	Thiovit Jet	Accepted for use before burr stage only on the basis of brewing trials at CampdenBRI	31/12/2021		100

Insecticides and Acaricides

Abamectin	Agrimec	Not tested	31/12/2021	UK authorisation under Minor Uses	0.05
Cypermethrin	Toppel 100EC	Accepted on the basis of brewing trials at Campden BRI	31/08/2013		30
Deltamethrin	Agrotec Deltamethrin	Accepted on the basis of brewing trials at Campden BRI	31/12/2021		5
Flonicamid	Mainman	Not tested	31/08/2013	UK authorisation under Minor Uses	2
Imidacloprid	Imidamex 700WG	Accepted on the basis of brewing trials at Campden BRI	31/12/2021	Imidacloprid is a neonicotinoid: use on many crops to be temporarily withdrawn from Dec 2013 but this does not appear to apply	10
Pymetrozine	Plenum WG	Accepted on the basis of brewing trials at Campden BRI	30/06/2018		15
Pyrethrins	various	Accepted on the basis of brewing trials at Campden BRI with several synthetic pyrethroids for both barley and hops.	31/12/2021	General acceptance for all edible crops. Pyrethrins are natural products and allowed for organic crops.	0.5
Spirotetramat	Movento	Not tested	31/07/2015	UK authorisation under Minor Uses	15
Tebufenpyrad	Masai	Accepted on the basis of brewing trials at Campden BRI	31/12/2021		0.5

Herbicides					
Carfentrazone-ethyl	Shark, Spotlight	Accepted on the basis of evaluation at Campden BRI	31/01/2019	General acceptance for all edible crops	0.02*
Diquat	Dragoon	Accepted on the basis of established use prior to 1980 with no problems.	30/07/2018		0.1*
Fluazifop-P	Fusilade Max	Accepted on the basis of evaluation at CampdenBRI	31/12/2021		0.1
Glufosinate-ammonium	Challenge	Accepted on the basis of brewing trials at Campden BRI using treated barley	31/12/2021	General acceptance for all edible crops	0.1*
Glyphosate (including trimesium salt)	various	Accepted on the basis of brewing trials at Campden BRI using treated barley	30/06/2018	General acceptance for all edible crops	0.1* (0.05* for trimesium ion)
Ioxabenz	Flexidor	Accepted on the basis of established use prior to 1980 with no problems.	31/12/2021		0.05*
Oxadiazon	Ronstar Liquid	Accepted on the basis of established use prior to 1980 with no problems.	31/12/2021		0.05*
Propyzamide	Kerb Flo	Accepted on the basis of early application and established use prior to 1980 with no problems.	21/07/2019		0.05*
Defoliants					
Diquat	Reglone	Accepted on the basis of brewing trials at Campden BRI	31/12/2015	UK authorisation under Minor Uses	0.1 *
Miscellaneous					
Aluminium ammonium sulphate	various	Not tested		Animal repellent, approved for all edible crops	default (0.01*)
Metaldehyde	various	Accepted on the basis of application type and established use prior to 1980 with no problems.		Slug bait, approved for all edible crops. Applied to soil.	0.05*

ANNEX 2. Pesticides approved for use on hops in EU countries, as of May 2013 (reproduced courtesy of Peter Glendinning, British Hops)

Chemical Active Ingredient	Activity	Germany	Czech Rep.	Slovenia	Poland	France	Spain	Belgium	UK	EU MRL (ppm)	BBPA: Acceptability for Brewing.
Abamectin	Acaricide	Agrimek, Vertimec	Vertimec	Vertimec 1.8%EC	na	na	na	na	Agrimec	0.05	Not tested
Acetamiprid	Insecticide	na	Mospilan	na	na	na	na	na	na	0.1*	Not tested
Azoxystrobin	Fungicide	Ortiva	Ortiva	Quadris	na	na	na	na	na	30	Acceptable on the basis of brewing trials on barley, 1997
Boscalid	Fungicide	Bellis	Bellis	na	na	na	na	Bellis	Bellis	60	Acceptable on the basis of brewing trials on barley, 2004
Bromoxynil	Herbicide	Buctril	na	na	na	na	na	na	na	0.1*	Accepted on barley
Bupirimate	Fungicide	na	na	na	na	na	Nimrod, Quattro	na	Nimrod	10	Accepted on the basis of brewing trials at Campden BRI
Carfentrazone-ethyl	Herbicide	na	na	na	na	Spotlight Plus	na	na	Spotlight #	0.02*	Accepted on the basis of evaluation at Campden BRI
Copper	Fungicide	Funguran	various	various	various	various	various	various	Cuprokyt	1000	Accepted on the basis of brewing trials at Campden BRI using metalaxyl-copper mixture
Cymoxanil	Fungicide	Aktuan	Curzate K	Curzate R	Curzate Cu	Cpral NC	na	na	Option	2	Accepted on the basis of brewing trials at Campden BRI
Cypermethrin	Insecticide	na	Vaztak	na	various	na	various	na	Toppel	30	Accepted on the basis of brewing trials at Campden BRI
Deltamethrin	Insecticide	na	na	na	na	na	Decis Expert, Delaplan	na	Decis	5	Accepted on the basis of brewing trials at Campden BRI
Diquat	Herbicide	Reglone	na	Reglone 200SL	na	various	na	Reglone	Reglone	0.1*	Accepted on the basis of established use prior to 1980 with no problems.
Dithianon	Fungicide	Delan 700WG	na	Delan 700WG	na	na	na	various	na	100	Not tested

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Fenpropimorph	Fungicide	na	na	na	na	na	na	na	Corbel	10	Accepted on the basis of brewing trials at Campden BRI
Fenpyroximate	Acaricide	na	Ortus	na	na	na	na	na	na	10	Not tested
Flonicamid	Insecticide	Teppeki	Teppeki	Teppeki	na	Teppeki	na	Teppeki	Mainman	2	Not tested
Fluazifop-p-butyl	Herbicide	Fusilade Max	Fusilade	na	na	na	na	na	Fusilade	0.1	Accepted on the basis of evaluation at CampdenBRI
Folpet	Fungicide		Folpan	Folpan 80WDG	na	na	na	na	na	150	Under test for barley
Fosetyl-Al	Fungicide	Aliette	Aliette	Aliette flash	Aliette	Aliette flash	various	na	na	1500	Accepted on the basis of brewing trials at Campden BRI
Glufosinate-Ammonium	Herbicide	na	na	na	na	na	na	na	Challenge #	0.1*	Accepted on the basis of brewing trials at Campden BRI using treated barley
Glyphosate	Herbicide	na	na	na	na	na	na	na	various #	0.1*	Accepted on the basis of brewing trials at Campden BRI using treated barley
Hexythiazox	Acaricide	Ordoval	Nissorun	Nissorun 10WP	na	na	na	na	na	20	Not tested
Imidacloprid	Insecticide	Confidor 70WG	Confidor	Confidor, Kohinor SL 200	Confidor 200SL	na	Confidor 20 LS, Kohinor	Confidor 200SL	Admire	10	Accepted on the basis of brewing trials at Campden BRI
Isoxaben	Herbicide	na	na	na	na	na	na	na	Flexidor	0.05	Accepted on the basis of established use prior to 1980 with no problems.
Lambda Cyhalothrin	Insecticide	Karate Zeon	Karate Zeon	Karate Zeon 5	various	Karate Xpress	Karate King-Zeon	na	na	10	Accepted on the basis of brewing trials at Campden BRI
Mandipropamid	Fungicide	Revus	Pergado	na	na	na	na	Revus	na	50	Not tested

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MCPA	Herbicide	U 46 M fluid	Dicopur	na	na	na	na	na	na	0.1*	Accepted for barley. Not tested for hops.
Metalaxyl-m / Mefenoxam	Fungicide	Fonganil Gold, Ridomil	Ridomil Gold	Fonganil Gold, Ridomil	na	na	na	na	SL567A	10	Accepted on the basis of brewing trials at Campden BRI
Metaldehyde	Molluscicide	na	na	na	na	na	na	various	Metarex #	0.05*	Accepted on the basis of application type and established use prior to 1980 with no problems.
Metiram	Fungicide	na	na	na	na	na	na	Polyram WG	na	25 total dithiocarbamates	Accepted prior to burr stage only on the basis of brewing trials at Campden BRI
Milbemectin	Acaricide	Milbeknock	na	Milbeknock	na	na	na	na	na	0.1	Not tested
Myclobutanil	Fungicide	Systhane 20EW	na	na	na	Systhane New	Systhane Forte	Systhane 20EW	Systhane	2	Accepted on the basis of brewing trials at Campden BRI
Oxadiazon	Herbicide	na	na	na	na	na	na	na	Ronstar	0.05*	Accepted on the basis of established use prior to 1980 with no problems.
Penconazole	Fungicide	na	na	na	na	na	na	na	?	0.5	Accepted on the basis of brewing trials at Campden BRI
Potassium bicarbonate	Fungicide	na	na	na	na	na	na	na	Potassium Bicarbonate	exempt	Accepted on the basis of evaluation at CampdenBRI
Propargite	Insecticide	na	Omite	na	Omite 30WP	na	na	na	na	100	Not tested
Propyzamide	Herbicide	na	na	na	na	na	na	na	Kerb Flo	0.05*	Accepted on the basis of early application and established use prior to 1980 with no problems.
Pymetrozine	Insecticide	Plenum 50WG	Chess	Chess 50WG	na	Plenum 50WG	na	Plenum	Plenum 50WG	15	Accepted on the basis of brewing trials at Campden BRI

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Chemical Active Ingredient	Activity	Germany	Czech Rep.	Slovenia	Poland	France	Spain	Belgium	UK	EU MRL (ppm)	BBPA: Acceptability for Brewing.
Pyraclostrobin	Fungicide	Bellis	na	na	na	na	na	na	Bellis (+boscalid)	10	Accepted for barley. Not tested for hops.
Pyraflufen-ethyl	Herbicide	Quickdown	na	na	na	na	na	na	na	0.05	Not tested
Quinoxyfen	Fungicide	Fortress 250	IQ Crystal	na	na	na	na	Fortress	Fortress	0.5	Accepted for barley on the basis of trials at TNO. Not tested with hops.
Spirotetramat	Insecticide	na	Movento	na	Movento	na	na	Movento 100SC	Movento	15	Not tested
Sulphur	Fungicide	Sulfur	Kumulus	various	various	various	Sulfur	various	various	100	Accepted for use before burr stage only on the basis of brewing trials at Campden BRI
Tebuconazole	Fungicide	na	Horizon	na	na	na	na	na	na	30	Accepted on the basis of established use prior to 1980 with no problems.
Tebufenpyrad	Acaricide	na	na	na	na	na	na	Masai 20 WP	Masai	0.5	Accepted on the basis of brewing trials at Campden BRI
Tepraloxydin	Herbicide	Aramo	na	na	na	na	na	na	na	0.1*	Not tested
Thiamethoxam	Insecticide	Actara	Actara	na	na	na	na	na	na	0.1	Not tested
Tolyfluanid	Fungicide	na	na	na	Zato	na	na	na	na	50	Not tested
Triadimenol	Fungicide	Bayfidan	Bayfidan	na	na	na	Bayfidan 312 SC	na	na	10	Accepted on the basis of established use prior to 1980 with no problems.
Trifloxystrobin	Fungicide	D- Flint	na	Zato 50WG	na	Flint	na	na	na	30	Accepted for barley. Not tested for hops.
		na = not approved							# = approval for use on all edible crops	* = Limit of Determination	

Annex 3: Non-EU Registration and MRLs for pesticides used on HOPS

chemicals known to have MRLs for hops in at least 1 other country. (Except for ubiquitous environmental contaminants such as DDT). NL = no limit needed. Default =0.01mg/kg

T = temporary, E = extraneous (ie no current registration) Default value is residue allowed if no MRL is set Values in BOLD are higher than the detection limit
 * = value set at the limit of determination

Notes: * = limit of detection: MRLs above the limit of detection are in bold

COLOUR CODE	MRL LOWER than EU			MRL same as or close to EU			MRL HIGHER than EU		
Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
Data Source	FSANZ	Health Canada	US FAS Online database	LN 73 of 2012	Japan Food Chemical Research Foundation	US FAS Online database	US FAS Online database	Codex database	EU MRL Database
Issue or date accessed	As of March 2013	As of March 2013 default = 0.1mg/kg	NO MRLs for hops in China, although	As of March 2013	As of March 2013 default = 0.01	As of March 2013, source, US FAS Online database. RSA follows either EU or Codex	FAS Online database, as of March 2013	As of March 2013	As of March 2013
Abamectin	0.1			0.1	0.2	0.1	0.2	0.1	0.05
acequinocyl				4	15	15	4		15
acephate						0.05			0.05
acetamiprid						0.1			0.1
aldicarb					0.05				0.05*
aldrin + dieldrin					0.06				0.02*
alpha-cypermethrin					20				30
aluminium sulphate									default
aluminium ammonium sulphate									default
ametoctradin		10				15	10		15
amitrole	0.01*								0.02
aramite					0.1*				0.1*
asulam	0.1*				0.1				0.05*
atrazine					0.1*				0.1*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
azoxystrobin		20		30	30		20	30	30
Barban					0.1				0.1*
benalaxyloxypropyl					0.2				0.1*
benfuracarb					5				5
benomyl					see carbendazim				
bensulfuron-methyl									default
bensulide					0.03				default
bentazone					0.02				0.1*
benzyladenine					0.02				default
bifenazate		15			15	20	15	20	0.02*
bifenthrin				20	10	20	10	20	10
bilanafos					0.008				default
bioresmethrin					0.1				0.2*
bitertanol					0.1				0.1*
boscalid	0.5	35		60	35	60	35	60	60
brodifacoum					0.001				default
bromide (inorganic)					400				20
bromophos-ethyl					0.1*				0.1*
bromopropylate					1				0.05*
bromoxynil									0.1*
bupirimimate									10
buprofezin									5
butylamine					0.1				default
Carbendazim					0.1				0.1*
carbofuran					10				0.05*
carbosulfan					1				1
carfentrazone ethyl	0.05*			0.1	0.3	0.02*	0.1		0.02*
cartap					10				default
chlorantraniliprole	0.01*				90	0.02*	90		0.02*
chlorbenside					0.1*				0.1*
chlorbufam					0.1*				0.1*
chlordan					0.02				0.02*
chlorfenapyr						0.1			0.1
chlorfenson					0.1				default
chlorfluazuron					0.05				default
chlormequat					0.1*				0.1*
chlorobenzilate					0.1*				0.1*
chlorothalonil					0.1				50

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
chloroxuron					0.1*				0.1*
chlorpyrifos					0.1*	0.1*			0.1*
chlorpyrifos-methyl					0.1*				0.1*
chlozolinate					0.1*				0.1*
cnidon-ethyl					0.1				0.1*
clethodim						0.1	0.5		0.1
clodinafop-propargyl					0.02				0.05*
clofentezine	0.2*				0.2				0.05*
clomazone					0.02*				0.02*
clopyralid	2			5	5	5	5		5
clothianidin					0.1				0.05*
copper (from copper salts)					see individual salts				1000
copper nonylphenolsulfonate					0.04				default
copper tetraphthalate					0.5				default
4-CPA (chlorophenoxyacetic acid)					0.02				default
cyanamide									0.2
cyazofamid					0.02*		10		0.02*
cycloprothrin					0.02				default
cycloxydim					0.05*				0.05*
cyfluthrin				20	20	20	20		20
cyhalothrin					10				default
cymoxanil				7	2	2	7		2
cypermethrin	0.01*				20				30
2,4-D					0.08	0.1*	0.2		0.1*
DBEDC					0.5				default
DDT + DDE + TDE					0.05				0.05*
dalapon									0.1
daminozide	0.02*								0.1*
deltamethrin					5	5			5
demeton-S-methyl					0.05				default
diafenthiuron					0.02				default
diallate					0.1*				0.1*
diazinon	0.25			0.5	0.5			0.5	0.5
dichlofuanid					5				default
1,1-dichloro-2,2-bis(4-ethylphenyl)ethane					0.1*				0.1*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
dichlorprop					0.1				0.1
dichlorvos					0.1				0.02*
diclomezine					0.02				default
dicofol	5			50	50	50	65	50	50
difenzoquat					0.05				default
diflubenzuron					0.05*				0.05*
diflufenican					0.002*				0.05*
diflufenopyr					0.05				default
dimethenamid					0.05	0.02*	0.05		
dimethanamid-P				0.05		0.02*	0.05		0.02*
dimethipin					0.04*				0.1*
dimethoate					0.05*				0.05*
dimethomorph		40		80	80	80	60	80	50
dinoseb					0.1*				0.1*
dinoterb					0.1*				0.1*
dioxathion					0.1*				0.1*
diphenylamine					0.05*				0.05*
diquat	0.2 (T)				0.04*	0.1*	0.2		0.1*
disulfoton	0.5				0.3				0.05*
dithianon				100	100			100	100
dithiocarbamates	10 (T)			30	30			30	25
diuron					0.02				0.5
2,2-DPA					0.05				default
Endosulfan					0.1*				0.1*
endothall					0.1		0.1		default
endrin					0.1*				0.1*
epoxiconazole									0.1
esfenvalerate	ee fenvalerate				5	0.05*			0.05*
ethephon					0.1*				0.1*
ethiofencarb					0.5				default
ethirimol									10
ethoprop (ethoprophos)				0.02		0.02*	0.02		0.02*
ethoxyquin					0.05*				0.05*
ethyclozate									default
ethylene dibromide (EDB)					0.01*				0.02*
ethylene dichloride					0.02*				0.02*
etoxazole					15	15	7	15	15
Famoxadone				80		0.05*	80		0.05*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
fenamiphos					0.05*				0.05*
fenarimol					5	5	5	5	5
fenbutatin oxide	20				25				0.1*
fenchlorphos					0.1*				0.1*
fenhexamid					100				0.1*
fenoxycarb					0.05*				0.05*
fenpropothrin					0.5				0.02*
fenpropimorph					0.1				10
fenpyroximate				10	15	10	10	10	10
fentin					0.5				0.1*
fenvalerate					5				0.1*
ferric phosphate			exempt						NL
fipronil					0.002*				0.01*
flazasulfuron					0.02*				0.02*
flonicamid		7		7	5	2	7		2
fluazifop-P butyl	0.05				0.05				0.1
flucythrinate					10				0.1*
flumioxazin				0.05		0.1*	0.05		0.1*
fluometuron					0.02*				0.02*
fluoride ion									10
fluoroimide					0.04				default
fluridone					0.1				default
fluroxypyr					0.1*				0.1*
fluvalinate					10				see tau-fluvalinate (10)
folpet				120	120	150	120		150
formothion					0.05*				0.05*
fosetyl aluminium				45	1440	1500	45		1500
furathiocarb					5				5
furfural									1
Gibberellic acid									5
glufosinate ammonium	1 (T)				0.2				0.1*
glyphosate	0.1*			7	0.1	0.1*	7		0.1*
Haloxyfop					0.02*				0.05
heptachlor					0.01*				0.02*
HCB					0.02*				0.02*
hexaconazole					0.05*				0.05*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
hexythiazox				2	30	20	2	2	20
hydrogen cyanide					1				default
hydrogen phosphide (phosphine)	0.01*				0.01	0.02*			0.02*
hydroprene							0.2		default
hymexazol					0.02				0.05*
Imazalil					0.1*				0.1*
imazaquin					0.05				0.05*
imazethapyr ammonium					0.05				default
imidacloprid	10 (T)			10	7	10	6	10	10
iminoctadine					0.02				default
iprodione					0.1*				0.1*
isouron					0.02				default
isoxaben	0.01*								0.05
Kresoxim-methyl					0.1*				0.1*
Lambda cyhalothrin		0.01*			10	10	10		10
lindane					0.05*				0.05*
linuron					0.02*				0.1*
Malathion				1	1	0.02*	1		0.02*
maleic hydrazide					0.2*				0.5*
mancozeb					30				25
mandipropamid		18		50	50	50	50		50
MCPA									0.1*
mecarbam					0.1*				0.1*
metalaxyl		8		10				10	
metalaxyl-M					10	10	20		10
metaldehyde									0.05*
methacrifos					0.1*				0.1*
methamidophos	5				5				0.02*
methidathion				5	5			5	0.1*
methiocarb									0.1*
methomyl	0.5				8				10
methoxychlor					0.1*				0.1*
metribuzin					0.1*				0.1*
MGK 264 (n-octyl bicycloheptene dicarboximid							5		

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
milbemectin					0.1				0.1*
molinate					0.02*				0.1*
monolinuron					0.1*				0.1*
myclobutanol				2	10	2	10	2	2
Naled				0.5	0.1		0.5		default
nitenpyram					0.03				default
novaluron						0.01*			0.01*
norflurazon				3	3		3		default
Oxadiazon									0.05*
oxine-copper					10				default
oxydemeton-methyl					0.05				0.02*
paraquat	0.2			0.5	0.2	0.1	0.5	0.1	0.05*
parathion					0.6				0.1*
parathion methyl					0.05				0.05*
penconazole				0.5	0.5			0.5	0.5
pendimethalin	0.1*								0.1*
permethrin				50	50			50	0.1*
d-phenothrin					0.02	0.05*	0.01		0.05*
phorate				2	0.3	0.1*	2		0.1*
phoxim					0.02*				0.02*
pindone					0.001				default
pirimicarb	0.5				0.5				4
pirimiphos-methyl					0.05*				0.05*
probenazole					0.03				default
prochoraz					0.1*				0.1*
procymidone					0.1*				0.1*
profenofos					0.1*				0.1*
prohexadione calcium					0.1*				0.1*
propargite	3	30		100	100	100	100	100	100
propiconazole					0.1*				0.1*
propineb					30				25
propoxur					0.1*				0.1*
propyzamide					0.05				0.05*
pymetrozine		6		6	15	15	6		15
pyraclostrobin		23		15	15	15	23	15	10
pyrazolynate					0.02*				default
pyrazophos					0.1*				0.1*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
pyrethrins					0.05	0.5			0.5
pyridaben				10	10	10	10		10
pyriproxyfen						0.05*			0.05*
Quinalfos					0.1*				0.1*
quinoxyfen	2.5		1	1	1	1	3	1	0.5
quintozene				0.05					0.05*
Resmethrin				0.2	0.2*				0.2*
Spinetorum					0.1*	22			0.1*
spinosad					22	22			22
spirodiclofen	40		40		40	30	40	40	40
spirotetramet	10		15	15	15	10	15		15
spiroxamine			50	50	0.1*	50			0.1*
sulfentrazone				0.05					default
sulphur			exempt						NL
Tau-fluvalinate				10					10
tebuconazole				35	30	40	35	30	30
tebufenoxide									0.1
tebufenpyrad									0.5
tebuthiuron				0.02*					default
tecnazene				0.1*					0.1*
teflubenzuron				0.02*					0.05*
tepraloxydim				0.05*					0.1*
terbufos				0.005*					0.01*
tetradifon	5			60					0.05*
thiabendazole				0.1*					0.1*
thiacloprid									0.1
thiamethoxam	0.1			0.1	0.1	0.1			0.1
thiodicarb				8					10
thiometon				0.2					default
tolyfluanid			50	50			50	50	50
triadimefon				10					
triadimenol				5					10
triazolyl alanine	2								default
triclopyr				0.03*					0.1*
tricyclazole				0.02*					0.05*
tridemorph				0.1*					0.1*

Chemical	Australia	Canada	China	Hong Kong	Japan	South Africa	US	WHO	EU
trifloxystrobin				40	40	40	11	40	30
triflumizole		0.1 (default)		50	0.05*		50		0.1*
triflumuron					0.02*				0.05*
trifluralin		0.1 (default)		0.05	0.05		0.05		0.1*
triforine					30				0.05*
Vamidothion					0.02				default
vinclozolin					40			40	0.05*
Warfarin					0.001				default
Zeta-cypermethrin					20	30			30