



Australian Government

Department of Agriculture, Fisheries and Forestry

INFORMATION BULLETIN - November 2009

Japan Maximum Residue Limits (MRLs) for pesticides registered¹ for use in Australia - OILSEEDS

This information bulletin provides a list of maximum residue limits (MRLs) for pesticides registered¹ for use in Australian grain, pulses and oilseeds. Listed in the table are MRLs for Japan. The main purpose of this bulletin is to inform growers, packers and marketers of the export requirements in regards to pesticide residues. **The critical element of this information is that Australian MRLs do not apply to other countries and even though a pesticide may be registered in Australia, it may not be the case in that overseas country.** If an MRL is 'not set', Japan will default to an MRL of 0.01 mg/kg. Organisations marketing to overseas countries should be aware that the information provided below represents the official standards, but not necessarily the marketing requirements. Marketers should refer to the contractual arrangements concerning agreed residue limits.

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Active Constituents ¹	Maximum Residue Limits (mg/kg) - Japan							
	OILSEEDS							
	Canola	Linseed	Linola	Cotton seed or cotton seed oil (cso)	Sunflower or Sunflower Oil (sfo)	Safflower	Soybean (dried) or soybean oil (so)	Other oilseeds
Agricultural Chemicals								
2,4-D	0.05			0.05	0.05	0.05	0.05	0.05
2,4-DB							0.20	
acetamiprid	P(0.01)	P(0.01)	P(0.01)	P(0.3)	P(0.01)	P(0.01)	P(0.01)	P(0.01)
acifluorfen							0.10	
amitraz	0.20	0.20	0.20	0.50	0.20	0.20	0.05	0.20
amitrole								
atrazine								
azamethiphos								

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Agricultural Chemicals								
azinphos-methyl	P (0.05)			P (0.2)	P (0.05)	P (0.05)	P(0.05)	P (0.05)
azoxystrobin	1.0			P (0.03)	P (0.05)	P (0.5)	P (0.5)	P (0.04)
benomyl	P (3.0)			P (3.0)	P (3.0)	P (3.0)	P (1.0)	P (3.0)
bentazone	P (0.02)			P (0.02)	P (0.02)	P (0.02)		P (0.1)
bifenthrin	0.1			0.5	P (0.1)	P (0.1)	P (0.1)	P (0.1)
bioresmethrin	0.1			0.1	0.1	0.1	0.1	0.1
bitertanol	P (0.1)			P (0.1)	P (0.1)	P (0.1)	0.2	P (0.1)
bromoxynil	P (0.1)			P (2.0)	P (0.06)	P (0.06)	P (0.06)	P (0.06)
butafenacil				P (0.5)				
butoxydim	P (0.01)			P (0.01)	P (0.01)	P (0.01)	P (0.01)	P (0.01)
captan	P (5.0)			P (5.0)	P (5.0)	P (5.0)	P (5.0)	P (5.0)
carbaryl					P (0.05) oil		P (0.2) dried & so	
carbendazim	P (3.0)			P (3.0)	P (3.0)	P (3.0)	P (1.0)	P (3.0)
carbofuran	P(0.3)			P(0.3)	P(0.3)	P(0.3)	P(0.6)	P(0.3)
carbon disulphide								
carboxin	P(0.03)			P(0.2)		P(0.2)	P(0.2)	
carfentrazone-ethyl	P(0.1)			P(0.1)	P(0.1)	P(0.1)	P(0.1)	
chlormequat	P(5.0); P(0.1) crude oil	P(0.1)	P(0.1)	P(0.5)	P(0.1)	P(0.1)	P(0.1)	P(0.1)
chloropicrin								
chlorothalonil	P(0.01)	P(0.01)	P(0.01)	P(0.01)	P(0.01)	P(0.01)	0.2	P(0.01)
chlorpyrifos	0.10	0.10	0.10	0.05; 0.05 (CSO)	0.25	0.10	0.3; 0.05 (so)	0.10
chlorpyrifos-methyl	P (0.05)	P (0.05)	P (0.05)	P (0.03)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
chlorsulfuron								
chlorthal-dimethyl				P (0.2)			P (3.0)	
clethodim	P (0.5)	0.2	0.2	P (0.5)	0.2	0.2	10.0; P (0.5) (so)	0.2
clodinafop-propargyl	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)

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Agricultural Chemicals								
clomazone	P (0.02)	P (0.05)	P (0.05)	P (0.05)	P (0.02)	P (0.02)	P (0.05)	P (0.05)
clopyralid	P(2.0)	P(2.0)	P(2.0)	P(2.0)	P(2.0)	P(2.0)	P(2.0)	P(2.0)
cloquintocet-mexyl								
cyanazine							0.02	
cyfluthrin	P (0.05)	P (0.02)	P (0.02)	1.00	P (0.02)	P (0.02)	0.50	P (0.02)
cyhalothrin	0.5	0.5	0.5	0.04	0.5	0.5	0.2	0.5
cypermethrin	0.2	0.2	0.2	0.2	0.2	0.2	0.05	0.2
deltamethrin	0.50	0.50	0.50	0.50	0.50	0.50	0.10	0.50
diazinon	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10
dicamba				P (3.0)			0.05	
dichlorvos	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1
diclofop-methyl	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)
difenoconazole	0.02	0.05	0.05	0.05	0.05	0.05	0.05	0.05
diflubenzuron	0.05	0.05	0.05	0.20	0.05	0.05	0.10	0.05
diflufenican	P (0.002)	P (0.002)	P (0.002)	P (0.002)	P (0.002)	P (0.002)	0.050	P (0.002)
dimethoate	P(1.0)	P(1.0)	P(1.0)	P(1.0)	P(1.0)	P(1.0)	P(1.0)	P(1.0)
diquat	P (2.0)	P (0.03)	P (0.03)	P (0.03)	P (1.0)	P (0.03)	P (0.2)	P (0.03)
dithiocarbamates (mancozeb, thiram)	P(0.3)	P (0.1)	P (0.1)	P (3.0)	P (0.06)	P (0.06)	P (3.0)	P (0.1)
diuron	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
endosulfan	P (0.5)	P (0.5)	P (0.5)	P (1.0); P(0.5) CSO	P (1.0)	P (0.5)	P (1.0)	P (0.5)
EPTC	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
esfenvalerate	0.5	0.5	0.5	0.2; P (0.1) CSO	0.1	0.5	0.2	0.5
ethametsulfuron-methyl	P (0.2)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)
ethephon	P (0.05)	P (0.05)	P (0.05)	P (2.0)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
ethyl formate								
fenitrothion							0.2	
fenoxaprop-P-ethyl	0.10	0.10	0.10	0.05	0.10	P (0.1)	0.10	0.10
fenvalerate	0.5	0.5	0.5	0.2; P (0.1) CSO	0.1	0.5	0.2	0.5

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Agricultural Chemicals								
fipronil	0.010	0.100	0.100	P (0.01)	0.010	P (0.002)	0.002	0.100
flamprop-M-methyl						P (0.05)		
fludioxonil							0.2	
fluazifop-P	0.5	0.5	0.5	0.5	0.5	0.5	1.0	0.5
flumetsulam							P (0.05)	
flumioxazin							P (0.02)	
fluquinconazole	P (0.01)							
fluroxypyr	P(0.05)	P(0.05)	P(0.05)	P(0.05)	P(0.05)	P(0.05)	P (0.05)	P(0.05)
flutriafol							P (0.1)	
furathiocarb	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.05)	P (0.1)
glufosinate ammonium	5.00			4.00	5.0; 0.05 (sfo)		2.00	
glyphosate	10.0	0.1	0.1	10.0; P(0.05) cso	0.1	P (0.1)	20.0	0.1
halosulfuron-methyl	P (0.02)	P (0.02)	P (0.02)	0.05	P (0.02)	P (0.02)	P (0.02)	P (0.02)
haloxyfop	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.05)	P (0.1)	P (0.1)	P (0.1)
hexaconazole	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
imazamox	0.05						0.10	
imazapic	P (0.05)							
imazapyr	P (0.05)							
imazethapyr (ammonium)	P(0.1)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.1)	P (0.05)
imidacloprid	P(0.05)	P(2.0)	P(2.0)	P(3.0)	P (0.02)	P(0.05)	P (1.0)	P(2.0)
indoxacarb							P (0.5)	
iodosulfuron-methyl-sodium								
iprodione	10.0	10.0	10.0	10.0	20.0	10.0	0.2	10.0
isoxaflutole								
linuron	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.5)	P (0.2)
malathion/maldison	P (0.5)	0.1	0.1	2.0	8.0	0.2	0.5	0.1
MCPA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
MCPB	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.02)	P (0.2)
mefenpyr-diethyl								
mesosulfuron-methyl								

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Agricultural Chemicals								
metalaxyl	P (1.0)	P (1.0)	P (1.0)	P (0.05)	P (0.05)	P (1.0)	P (0.05)	P (1.0)
methabenzthiazuron					0.10		0.05	
methamidophos	0.10	P (0.01)	P (0.01)	0.10	P(0.01)	P(0.01)	0.05	P (0.01)
methidathion	P (0.1)	P (0.2)	P (0.2)	P (1.0); P (2.0) CSO	P(0.5)	P (0.1)	P (0.1)	P (0.2)
methiocarb	0.05						0.05	
methomyl ((see thiodicarb)								
methoprene								
methyl bromide								
methyl bromide (bromide ion)								
metolachlor	0.05	P (0.05)	P (0.05)	0.10	0.05	0.10	0.20	P (0.05)
metosulam								
metribuzin	0.1				0.1		0.1	
metsulfuron-methyl	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	0.02	0.05	P (0.02)
omethoate	P (1.0)	P (1.0)	P (1.0)	P (1.0)	P (1.0)	P (1.0)	P(2.0)	P (1.0)
oryzalin								
oxyfluorfen							P(0.05)	
paraquat	P (0.05)	P (0.05)	P (0.05)	P (0.2); P (0.05) CSO	P (2.0); P(0.05) SfO	P (0.05)	P (0.1)	P (0.05)
parathion-methyl	0.2	0.2	0.2	1.0	0.2	0.1	0.1	0.2
penconazole	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
pendimethalin	0.05	0.05	0.05	0.10	0.10	0.05	0.20	0.05
permethrin	0.05	5.0	5.0	P(0.1) (incl cso)	1.0 (incl. sfo)	5.0	0.05; P (0.1) so	5.0
phenothrin	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)
phosmet	P(0.1)	P(0.1)	P(0.1)	P (0.05)	P(0.1)	P(0.1)	P (0.05)	P(0.1)
phosphine (hydrogen phosphide)	0.01	0.01	0.01	0.04	0.04	0.04	0.10	0.01
picloram								
picolinafen								

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Agricultural Chemicals								
piperonyl butoxide	P (8.0)	P (8.0)	P (8.0)	P (8.0)	P (8.0)	P (8.0)	P(0.2)	P (8.0)
pirimicarb	0.20	P (3.0)	P (3.0)	0.05	P (3.0)	P (3.0)	1.00	P (3.0)
pirimiphos-methyl	0.1	0.1	0.1	0.1	0.1	0.1	P (0.1)	0.1
procymidone	1.5	P (2.0)	P (2.0)	P (0.05)	0.2; P (0.5) sfo (ref.4)	P (0.05)	P (2.0)	P (2.0)
prometryn				P (0.2)	P (0.1)		P(0.1)	
propachlor								
propaquizafop	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
propiconazole	0.05	0.05	0.05	0.05	0.05	P (0.05)	0.05	0.05
propyzamide	P (0.1)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
pyrethrin	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
pyridate	P (0.05)						P(0.1)	
pyriproxyfen	P (0.1)	P (0.1)	P (0.1)	0.05	P (0.1)	P (0.1)	0.20	P (0.1)
quintozene	P (0.02)	P (0.02)	P (0.02)	P (0.01)	P (0.02)	P (0.02)	P (0.01)	P (0.02)
quizalofop-P-ethyl	1.00	P (0.05)	P (0.05)	0.10	0.05	0.01	0.30	P (0.05)
sethoxydim	1.0	1.0	1.0	5.0	7.0	1.0	10.0	1.0
simazine	P(0.02)						P(0.05)	
spinosad		5.00	5.00	0.02; P (0.01)	0.01	0.01	0.02	5.00
sulfosulfuron								
sulfuryl fluoride	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
tebuconazole	P(0.05)			P(1.0)	P(0.2)		P (0.1)	
tepraloxydim	P (0.5)	P (0.05)	P (0.05)	P (0.2)	P (0.05)	P(0.05)	6.0	P (0.05)
terbufos	P(0.05); incl oils (ref. 6)	P (0.05)	P (0.05)	P (0.005)	P (0.05)	P (0.005)	P(0.05)	P (0.05)
terbutryn								
thiabendazole	P (3.0)	P (3.0)	P (3.0)	P (3.0)	P (3.0)	P (3.0)	P (0.05)	P (3.0)
thiamethoxam	P (0.02)	P (0.02)	P (0.02)	P (0.05)	P (0.02)	P (0.02)	P(0.02)	P (0.02)
thifensulfuron-methyl	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.1)	P (0.02)
thiodicarb	P (0.05)	P (1.0)	P (1.0)	P (0.2); P (0.04) CSO	P (1.0)	P (1.0)	P(0.2) incl. so	P (1.0)

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Agricultural Chemicals								
tralkoxydim								
triadimefon	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)
triadimenol	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)	P (0.2)
tri-allate	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.05)
triasulfuron								
tribenuron-methyl	P (0.02)	P (0.02)	P (0.02)	P (0.04)	P (0.01)	P (0.02)	P (0.01)	P (0.02)
trichlorfon	0.10	0.10	0.10	0.10	0.50	0.10	0.10	0.10
tricypyr	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)
tridemorph	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)	P (0.1)
triflumuron	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)
trifluralin	0.15	0.15	0.15	0.05	0.15	0.05	0.15	0.15
triticonazole								
Environmental Contaminants								
aldrin	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.05)	P (0.06)
chlordane	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P(0.02) ¹ ; P(0.05) so	P (0.02)
DDT	P (0.05)	P(0.05)	P(0.05)	P (0.05)	P (0.05)	P (0.05)	P (0.2)	P(0.05)
dieldrin	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.06)	P (0.05)	P (0.06)
endrin	P (0.01)	P (0.01)	P (0.01)	P (0.01)	P (0.01)	P (0.01)	P (0.01)	P (0.01)
HCB (hydrochlorobenzene)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)	P (0.02)
HCH (BHC)							0.20	
heptachlor	P (0.01)			P (0.02)	P (0.01)	P (0.01)	P(0.02); P(0.02) ² ; P(0.5) ³	P (0.01)
lindane	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (0.03)	P (1.0)	P (0.03)
PCB								

This table has been compiled with reference to the information obtained from the following Food/Agricultural Authority or publication:

Source: Positive List System for Agricultural Chemical Residues in Foods. Government Regulations Maximum Limits of Pesticide Residue in Agricultural Products
Department of Food Safety, Ministry of Health, Labour and Welfare.

Website Addresses:

Official Lists

<http://www.m5.ws001.squarestart.ne.jp/foundation/search.html>

"MRL database-This database is intended as a informational service only. When you intend to cite the figures and descriptions in the database, we recommend you also refer to the official text issued by the Japanese government as above."

<http://www.mhlw.go.jp/english/topics/foodsafety/positivelist060228/>

Publication date: 28 November 2008

Notes:

ND = Nil Detection

(For those chemicals categorized in either of the following two types, ND has been set instead of numerical limits: 1) genotoxic carcinogens and 2) chemicals that have been determined by JMPR or JECFA as those for which the ADI cannot be set.)

Where an MRL has not been set, the MRL will default to 0.01 mg/kg

P= Provision MRL

Blank cell = no MRL set

Food Classification: Nuts & Seeds - Oilseeds: sunflowers seeds; cottonseeds; rapeseeds; other oilseeds.

Canola = rape seed

1 The registration status of the chemicals listed may vary for each commodity and in each State. Prior to using any chemical, consult the label and/or regulatory authority in your State. The persistent organochlorines listed under 'Environmental Contaminants' are no longer registered for use.

2 Soybean oil (limited to edible soybean oil that meets the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)

3 Soybean oil (except edible soybean oil that meets the JAS for Edible Vegetable Fats and Oils, and other edible oils that meet standards equivalent to or stricter than JAS)