



Macadamia residue testing annual datasets 2014

National Residue Survey, Department of Agriculture and Water Resources

Dataset abbreviations

LOR Limit of reporting.

MRL Maximum Residue Limit.

no limit No Australian Standard applicable for the contaminant. The ‘as low as reasonably achievable’ principle applies. Detections at low levels are allowable.

not defined Standards are not defined in inedible matrixes (urine and faeces).

not set No Australian Standard has been set for the chemical in the edible matrix and any detection is a contravention of the Australia New Zealand Food Standards Code.

Disclaimer

Although the Australian Government has exercised due care and skill in the preparation and compilation of this publication, it does not warrant its accuracy, completeness, currency or suitability for any purpose. To the maximum extent permitted by law, the Australian Government disclaims all liability, including liability in negligence for any loss, damage, cost or expense incurred by persons as a result of accessing, using or relying on any of the information or data set out in this publication. Before relying on the material in any matters, users should carefully evaluate its accuracy, currency, completeness and relevance for the purposes intended, and should obtain any appropriate professional advice relevant to their particular circumstances.

Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2-phenylphenol	whole	0.05	not set	112	0	0
azoxystrobin	whole	0.01	2	112	0	0
benalaxyl	whole	0.01	not set	112	0	0
bitertanol	whole	0.01	not set	112	0	0
boscalid	whole	0.01	0.5	112	0	0
bupirimate	whole	0.01	not set	112	0	0
captafol	whole	0.05	not set	112	0	0
captan	whole	0.05	3	112	0	0
carbendazim	whole	0.01	0.1	112	0	0
chlorothalonil	whole	0.01	not set	112	0	0
cyproconazole	whole	0.01	not set	112	0	0
cyprodinil	whole	0.01	not set	112	0	0

Macadamia residue testing annual datasets 2014–15

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	0.01	112	0	0
dimethomorph	whole	0.01	not set	112	0	0
dithianon	whole	0.01	not set	112	0	0
dithiocarbamates	whole	0.2	0.2	112	0	0
dodine	whole	0.01	not set	112	0	0
epoxiconazole	whole	0.01	not set	112	0	0
etridiazole	whole	0.01	not set	112	0	0
fenarimol	whole	0.01	not set	112	0	0
fenhexamid	whole	0.01	not set	112	0	0
fluazinam	whole	0.01	not set	112	0	0
fludioxonil	whole	0.01	not set	112	0	0
fluquinconazole	whole	0.01	not set	112	0	0
flusilazole	whole	0.01	not set	112	0	0
flutriafol	whole	0.01	not set	112	0	0
hexaconazole	whole	0.01	not set	112	0	0
imazalil	whole	0.01	not set	112	0	0
iprodione	whole	0.05	0.01	112	0	0
kresoxim-methyl	whole	0.01	not set	112	0	0
metalaxyl	whole	0.01	1	112	0	0
myclobutanil	whole	0.01	not set	112	0	0
oxadixyl	whole	0.01	not set	112	0	0
paclobutrazol	whole	0.01	not set	112	0	0
penconazole	whole	0.01	not set	112	0	0
prochloraz	whole	0.01	not set	112	0	0
procymidone	whole	0.01	not set	112	0	0
propiconazole	whole	0.01	0.2	112	0	0
prothioconazole	whole	0.05	not set	112	0	0
pyraclostrobin	whole	0.01	0.01	112	0	0
pyrimethanil	whole	0.01	not set	112	0	0
tebuconazole	whole	0.01	not set	112	0	0
thiabendazole	whole	0.01	not set	112	0	0
tolclofos methyl	whole	0.01	not set	112	0	0
triadimefon	whole	0.01	not set	112	0	0
triadimenol	whole	0.01	not set	112	0	0
trifloxystrobin	whole	0.01	0.05	112	0	0
triticonazole	whole	0.01	not set	112	0	0
vinclozolin	whole	0.01	not set	112	0	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.05	not set	112	0	0
2,4-D	whole	0.01	not set	112	0	0
amitrole	whole	0.01	not set	8	0	0
atrazine	whole	0.01	not set	112	0	0
bromacil	whole	0.01	not set	112	0	0
bromoxynil	whole	0.01	not set	112	0	0
carfentrazone-ethyl	whole	0.01	0.05	112	0	0
chlorpropham	whole	0.05	not set	112	0	0
chlorsulfuron	whole	0.01	not set	112	0	0
chlorthal-dimethyl	whole	0.01	not set	112	0	0
clethodim	whole	0.01	not set	112	0	0
clodinafop-propargyl	whole	0.01	not set	112	0	0
clopyralid	whole	0.05	not set	112	0	0
cyanazine	whole	0.01	not set	112	0	0
dicamba	whole	0.01	not set	112	0	0
dichlobenil	whole	0.01	not set	112	0	0
dichlorprop-P	whole	0.01	not set	112	0	0
diclofop-methyl	whole	0.01	not set	8	0	0
diflufenican	whole	0.01	not set	112	0	0
diquat	whole	0.01	0.05	8	0	0
diuron	whole	0.01	not set	112	0	0
ethofumesate	whole	0.01	not set	112	0	0
fenoxaprop-ethyl	whole	0.01	not set	8	0	0
flamprop-M-methyl	whole	0.01	not set	8	0	0
fluazifop-p-butyl	whole	0.01	not set	8	0	0
glufosinate	whole	0.01	0.1	8	0	0
glyphosate	whole	0.01	0.2	8	0	0
haloxyfop	whole	0.01	not set	8	0	0
iodosulfuron-methyl	whole	0.01	not set	112	0	0
ioxynil	whole	0.01	not set	112	0	0
isoxaben	whole	0.01	0.01	112	0	0
linuron	whole	0.05	not set	112	0	0
MCPA	whole	0.01	not set	112	0	0
methabenthiazuron	whole	0.01	not set	112	0	0
metolachlor	whole	0.01	not set	112	0	0
metosulam	whole	0.01	not set	112	0	0
metribuzin	whole	0.01	not set	112	0	0
metsulfuron-methyl	whole	0.01	not set	112	0	0

Macadamia residue testing annual datasets 2014–15

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
napropamide	whole	0.01	not set	112	0	0
norflurazon	whole	0.01	0.2	112	0	0
oryzalin	whole	0.01	0.1	112	0	0
oxyfluorfen	whole	0.01	0.05	112	0	0
paraquat	whole	0.01	0.05	8	0	0
pendimethalin	whole	0.01	0.05	112	0	0
picloram	whole	0.01	not set	112	0	0
propachlor	whole	0.01	not set	112	0	0
quizalofop-ethyl	whole	0.01	not set	120	0	0
quizalofop-P-tefuryl	whole	0.01	not set	120	0	0
sethoxydim	whole	0.01	not set	112	0	0
simazine	whole	0.01	0.1	112	0	0
tralkoxydim	whole	0.01	not set	112	0	0
triasulfuron	whole	0.01	not set	112	0	0
triclopyr	whole	0.01	not set	112	0	0
trifluralin	whole	0.01	not set	112	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	not set	112	0	0
acephate	whole	0.05	0.1	112	0	0
acetamiprid	whole	0.01	not set	112	0	0
aldicarb	whole	0.01	not set	112	0	0
amitraz	whole	0.01	not set	112	0	0
azamethiphos	whole	0.01	not set	112	0	0
azinphos-methyl	whole	0.01	0.01	112	0	0
bifenazate	whole	0.01	not set	112	0	0
bifenthrin	whole	0.01	not set	112	0	0
bioresmethrin	whole	0.01	not set	112	0	0
buprofezin	whole	0.01	not set	112	0	0
cadusafos	whole	0.01	not set	112	0	0
carbaryl	whole	0.01	2	112	0	0
carbofuran	whole	0.01	not set	112	0	0
chlorantraniliprole	whole	0.01	0.01	112	0	0
chlorfenapyr	whole	0.01	not set	112	0	0
chlorfenvinphos	whole	0.01	not set	112	0	0
chlorpyrifos	whole	0.01	0.05	112	0	0
chlorpyrifos-methyl	whole	0.01	not set	112	0	0

Macadamia residue testing annual datasets 2014–15

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
clofentezine	whole	0.01	not set	112	0	0
clothianidin	whole	0.01	not set	112	0	0
cyfluthrin	whole	0.01	0.05	112	0	0
cyhalothrin	whole	0.01	not set	112	0	0
cypermethrin	whole	0.01	0.01	112	0	0
deltamethrin	whole	0.01	not set	112	0	0
diazinon	whole	0.01	0.1	112	0	0
dichlorvos	whole	0.01	2	112	0	0
dicofol	whole	0.01	not set	112	0	0
diflubenzuron	whole	0.01	not set	112	0	0
dimethoate	whole	0.01	not set	112	0	0
disulfoton	whole	0.01	not set	112	0	0
emamectin	whole	0.01	not set	112	0	0
endosulfan	whole	0.01	not set	112	0	0
esfenvalerate	whole	0.01	not set	112	0	0
ethion	whole	0.01	not set	112	0	0
ethoprophos	whole	0.005	not set	112	0	0
etoxazole	whole	0.01	not set	112	0	0
fenamiphos	whole	0.01	not set	112	0	0
fenbutatin oxide	whole	0.01	not set	112	0	0
fenitrothion	whole	0.01	not set	112	0	0
fenoxycarb	whole	0.01	not set	112	0	0
fenpyroximate	whole	0.01	not set	112	0	0
fenthion	whole	0.01	not set	112	0	0
fenvalerate	whole	0.01	not set	112	0	0
fipronil	whole	0.01	not set	112	0	0
hexythiazox	whole	0.01	not set	112	0	0
imidacloprid	whole	0.01	not set	112	0	0
indoxacarb	whole	0.01	not set	112	0	0
malathion (maldison)	whole	0.01	8	112	0	0
metaldehyde	whole	0.05	not set	112	0	0
methacrifos	whole	0.01	not set	112	0	0
methamidophos	whole	0.01	not set	112	0	0
methidathion	whole	0.01	0.01	112	0	0
methiocarb	whole	0.01	not set	112	0	0
methomyl	whole	0.01	1	112	0	0
methoprene	whole	0.01	not set	112	0	0
methoxychlor	whole	0.01	not set	112	0	0
methoxyfenozide	whole	0.01	0.05	112	0	0

Macadamia residue testing annual datasets 2014–15

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
mevinphos	whole	0.01	not set	112	0	0
monocrotophos	whole	0.01	not set	112	0	0
omethoate	whole	0.01	not set	112	0	0
parathion	whole	0.01	not set	112	0	0
parathion-methyl	whole	0.01	not set	112	0	0
permethrin	whole	0.01	not set	112	0	0
phenothrin	whole	0.01	not set	112	0	0
phorate	whole	0.01	not set	112	0	0
phosmet	whole	0.01	not set	112	0	0
piperonyl butoxide	whole	0.01	8	112	0	0
pirimicarb	whole	0.01	0.05	112	0	0
pirimiphos-methyl	whole	0.01	not set	112	0	0
profenofos	whole	0.01	not set	112	0	0
propargite	whole	0.01	not set	112	0	0
prothiofos	whole	0.01	not set	112	0	0
pymetrozine	whole	0.01	not set	112	0	0
pyrethrins	whole	0.05	1	112	0	0
pyridaben	whole	0.02	0.05	112	0	0
pyriproxyfen	whole	0.01	not set	112	0	0
spinetoram	whole	0.01	not set	112	0	0
spinosad	whole	0.01	0.01	112	0	0
spirotetramat	whole	0.01	not set	112	0	0
sulfoxaflor	whole	0.01	not set	106	0	0
tau-fluvalinate	whole	0.01	not set	112	0	0
tebufenozide	whole	0.01	0.05	112	0	0
tebufenpyrad	whole	0.01	not set	112	0	0
terbufos	whole	0.01	not set	112	0	0
tetradifon	whole	0.01	not set	112	0	0
thiacloprid	whole	0.01	not set	112	0	0
thiamethoxam	whole	0.01	not set	112	0	0
thiodicarb	whole	0.01	not set	112	0	0
triazofos	whole	0.01	not set	112	0	0
trichlorfon	whole	0.01	0.1	112	0	0
triflumuron	whole	0.01	not set	112	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	not set	112	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
arsenic - Total	whole	0.05	no limit	8	0	0
cadmium	whole	0.01	no limit	8	0	0
chlordane	whole	0.01	not set	112	0	0
copper	whole	0.05	25	8	0	0
DDT	whole	0.01	not set	112	0	0
endrin	whole	0.01	not set	112	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	112	0	0
HCH (or BHC)	whole	0.01	not set	112	0	0
heptachlor	whole	0.01	not set	112	0	0
lead	whole	0.01	no limit	8	0	0
lindane (gamma-HCH)	whole	0.01	not set	112	0	0
mercury	whole	0.01	no limit	8	0	0
mirex	whole	0.01	not set	112	0	0

Table 5 Physiological Modifier

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	whole	0.01	not set	112	0	0