



Chickpea residue testing annual datasets 2015–16

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
azoxystrobin	whole	0.01	0.5	307	0	0
benalaxyl	whole	0.01	not set	307	–	0
bitertanol	whole	0.01	not set	307	–	0
boscalid	whole	0.01	0.5	307	0	0
bupirimate	whole	0.01	not set	307	–	0
captafol	whole	0.02	not set	307	–	0
captan	whole	0.02	0.1	307	0	0
carbendazim	whole	0.01	0.5	307	0	0
chlorothalonil	whole	0.01	3	307	0	0
cyproconazole	whole	0.01	0.01	307	0	0
cyprodinil	whole	0.01	not set	307	–	0
difenoconazole	whole	0.01	not set	307	–	0

Chickpea residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	1	307	0	0
dithianon	whole	0.01	not set	307	–	0
dodine	whole	0.01	not set	307	–	0
epoxiconazole	whole	0.01	not set	307	–	0
etridiazole	whole	0.01	0.2	307	0	0
fenarimol	whole	0.01	not set	307	–	0
fenhexamid	whole	0.01	not set	307	–	0
fluazinam	whole	0.01	not set	307	–	0
fludioxonil	whole	0.01	not set	307	–	0
fluquinconazole	whole	0.01	not set	307	–	0
flusilazole	whole	0.01	not set	307	–	0
flutriafol	whole	0.01	not set	307	–	0
fluxapyroxad	whole	0.01	0.1	307	0	0
hexaconazole	whole	0.01	not set	307	–	0
imazalil	whole	0.01	not set	307	–	0
ipconazole	whole	0.01	not set	307	–	0
iprodione	whole	0.01	not set	307	–	0
kresoxim-methyl	whole	0.01	not set	307	–	0
metalaxyl	whole	0.01	not set	307	–	0
myclobutanil	whole	0.01	not set	307	–	0
oxadixyl	whole	0.01	not set	307	–	0
penconazole	whole	0.01	not set	307	–	0
prochloraz	whole	0.01	not set	307	–	0
procymidone	whole	0.01	0.5	307	0	0
propiconazole	whole	0.01	not set	307	–	0
prothioconazole	whole	0.01	0.7	307	0	0
pyraclostrobin	whole	0.01	0.5	307	0	0
pyrimethanil	whole	0.01	not set	307	–	0
quinoxifen	whole	0.01	not set	43	–	0
spiroxamine	whole	0.01	not set	307	–	0
tebuconazole	whole	0.01	0.2	307	0	0
thiabendazole	whole	0.01	not set	307	–	0
tolclofos methyl	whole	0.01	not set	307	–	0
triadimefon	whole	0.01	not set	307	–	0
triadimenol	whole	0.01	not set	307	–	0
trifloxystrobin	whole	0.01	not set	307	–	0
triticonazole	whole	0.01	not set	307	–	0
vinclozolin	whole	0.01	not set	307	–	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	0.01	not set	307	–	0
2,4-D	whole	0.01	0.05	307	1	0
amitrole	whole	0.01	0.01	78	0	0
atrazine	whole	0.01	not set	307	–	0
bromacil	whole	0.01	not set	307	–	0
bromoxynil	whole	0.01	not set	307	–	0
carfentrazone-ethyl	whole	0.01	not set	307	–	0
chlorpropham	whole	0.01	not set	307	–	0
chlorsulfuron	whole	0.01	not set	307	–	0
chlorthal-dimethyl	whole	0.01	not set	307	–	0
clethodim (parent only)	whole	0.01	0.1	307	0	0
clodinafop-propargyl	whole	0.01	not set	307	–	0
clopyralid	whole	0.01	not set	307	–	0
cyanazine	whole	0.01	0.01	307	0	0
dicamba	whole	0.01	not set	307	–	0
dichlobenil	whole	0.01	not set	307	–	0
dichlorprop-P	whole	0.01	not set	307	–	0
diclofop-methyl	whole	0.01	not set	78	–	0
diflufenican	whole	0.01	0.05	307	0	0
diquat	whole	0.01	1	78	0	0
diuron	whole	0.01	0.05	307	0	0
ethofumesate	whole	0.01	not set	307	–	0
fenoxaprop-ethyl	whole	0.01	0.01	78	0	0
flamprop-M-methyl	whole	0.01	not set	78	–	0
fluazifop-p-butyl	whole	0.01	0.5	78	0	0
flumetsulam	whole	0.01	0.05	307	0	0
glufosinate	whole	0.01	not set	78	–	0
glyphosate	whole	0.01	5	78	0	0
haloxyfop	whole	0.01	0.1	78	2	1
imazamox	whole	0.01	not set	307	–	0
imazapic	whole	0.01	not set	307	–	0
imazapyr	whole	0.01	not set	307	–	0
imazaquin	whole	0.01	not set	307	–	0
imazethapyr	whole	0.01	0.1	307	0	0
iodosulfuron-methyl	whole	0.01	not set	307	–	0
ioxynil	whole	0.01	not set	307	–	0
isoxaben	whole	0.01	not set	307	–	0
linuron	whole	0.01	not set	307	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	307	–	0
methabenthiazuron	whole	0.01	not set	307	–	0
metolachlor	whole	0.01	0.01	307	0	0
metosulam	whole	0.01	not set	307	–	0
metribuzin	whole	0.01	0.01	307	0	0
metsulfuron–methyl	whole	0.01	0.05	307	0	0
napropamide	whole	0.01	not set	307	–	0
norflurazon	whole	0.01	not set	307	–	0
oryzalin	whole	0.01	not set	307	–	0
oxyfluorfen	whole	0.01	not set	307	–	0
paraquat	whole	0.01	1	78	0	0
pendimethalin	whole	0.01	0.05	307	0	0
picloram	whole	0.01	not set	307	–	0
propachlor	whole	0.01	not set	307	–	0
propyzamide	whole	0.01	not set	201	–	0
quizalofop–ethyl	whole	0.01	0.2	78	0	0
quizalofop–P–tefuryl	whole	0.01	0.2	78	0	0
saflufenacil	whole	0.01	0.03	201	0	0
sethoxydim	whole	0.01	0.1	307	0	0
simazine	whole	0.01	0.05	307	0	0
tralkoxydim	whole	0.01	not set	307	–	0
triasulfuron	whole	0.01	not set	307	–	0
triclopyr	whole	0.01	not set	307	–	0
trifluralin	whole	0.01	0.05	307	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	307	–	0
acephate	whole	0.01	not set	307	–	0
acetamiprid	whole	0.01	not set	307	–	0
aldicarb	whole	0.01	not set	307	–	0
amitraz	whole	0.01	not set	307	–	0
azamethiphos	whole	0.01	not set	307	–	0
azinphos–methyl	whole	0.01	not set	307	–	0
bifenazate	whole	0.01	0.5	307	0	0
bifenthrin	whole	0.01	0.02	307	0	0
bioresmethrin	whole	0.01	not set	307	–	0
buprofezin	whole	0.01	not set	307	–	0

Chickpea residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cadusafos	whole	0.01	not set	307	–	0
carbaryl	whole	0.01	0.1	307	1	0
carbofuran	whole	0.01	not set	307	–	0
chlorantraniliprole	whole	0.01	0.07	307	0	0
chlorfenapyr	whole	0.01	not set	307	–	0
chlorfenvinphos	whole	0.01	not set	307	–	0
chlorpyrifos	whole	0.01	not set	307	–	0
chlorpyrifos–methyl	whole	0.01	not set	307	–	1
clofentezine	whole	0.01	not set	307	–	0
clothianidin	whole	0.01	not set	307	–	0
cyfluthrin	whole	0.01	0.5	307	0	0
cyhalothrin	whole	0.01	0.2	307	0	0
cypermethrin	whole	0.01	0.2	307	0	0
deltamethrin	whole	0.01	0.1	307	0	0
diafenthion	whole	0.01	not set	307	–	0
diazinon	whole	0.01	0.7	307	0	0
dichlorvos	whole	0.01	0.01	307	0	0
dicofol	whole	0.01	not set	307	–	0
diflubenzuron	whole	0.01	not set	307	–	0
dimethoate	whole	0.01	0.5	307	0	0
disulfoton	whole	0.01	not set	307	–	0
emamectin	whole	0.01	0.01	307	0	0
endosulfan	whole	0.01	not set	307	–	0
esfenvalerate	whole	0.01	0.5	307	0	0
ethion	whole	0.01	not set	307	–	0
ethoprophos	whole	0.005	not set	307	–	0
etoxazole	whole	0.01	not set	307	–	0
fenamiphos	whole	0.01	not set	307	–	0
fenbutatin oxide	whole	0.01	not set	307	–	0
fenitrothion	whole	0.01	0.1	307	0	1
fenoxycarb	whole	0.01	not set	307	–	0
fenpyroximate	whole	0.01	not set	307	–	0
fenthion	whole	0.01	not set	307	–	0
fenvalerate	whole	0.01	0.5	307	0	0
fipronil	whole	0.005	not set	307	–	0
hexythiazox	whole	0.01	not set	307	–	0
imidacloprid	whole	0.01	not set	307	–	0
indoxacarb	whole	0.01	0.2	307	0	0
malathion (maldison)	whole	0.01	2	307	0	0

Chickpea residue testing annual datasets 2015–16

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	307	–	0
methamidophos	whole	0.01	not set	307	–	0
methidathion	whole	0.01	0.1	307	0	0
methiocarb	whole	0.01	not set	307	–	0
methomyl	whole	0.01	1	307	0	0
methoprene	whole	0.01	not set	307	–	0
methoxychlor	whole	0.01	not set	307	–	0
methoxyfenozide	whole	0.01	not set	307	–	0
mevinphos	whole	0.01	not set	307	–	0
monocrotophos	whole	0.01	not set	307	–	0
omethoate	whole	0.01	2	307	0	0
parathion	whole	0.01	not set	307	–	0
parathion–methyl	whole	0.01	not set	307	–	0
permethrin	whole	0.01	not set	307	–	0
phenothrin	whole	0.01	not set	307	–	0
phorate	whole	0.01	not set	307	–	0
phosmet	whole	0.01	not set	307	–	0
piperonyl butoxide	whole	0.01	8	307	0	0
pirimicarb	whole	0.01	0.02	307	0	0
pirimiphos–methyl	whole	0.01	not set	307	–	0
profenofos	whole	0.01	not set	307	–	0
propargite	whole	0.01	not set	307	–	0
prothiofos	whole	0.01	not set	307	–	0
pymetrozine	whole	0.01	not set	307	–	0
pyrethrins	whole	0.01	1	307	0	0
pyriproxyfen	whole	0.01	not set	307	–	0
spinetoram	whole	0.01	0.01	307	0	0
spinosad	whole	0.01	0.01	307	0	0
spirotetramat	whole	0.01	not set	307	–	0
sulfoxaflor	whole	0.01	not set	307	–	0
tau–fluvalinate	whole	0.01	not set	307	–	0
tebufenozide	whole	0.01	not set	307	–	0
tebufenpyrad	whole	0.01	not set	307	–	0
terbufos	whole	0.01	not set	307	–	0
tetradifon	whole	0.01	not set	307	–	0
thiacloprid	whole	0.01	not set	307	–	0
thiamethoxam	whole	0.01	not set	307	–	0
thiodicarb	whole	0.01	0.1	307	0	0
triazofos	whole	0.01	not set	307	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.2	307	0	0
triflumuron	whole	0.01	not set	307	–	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	307	–	0
chlordane	whole	0.01	0.02	307	0	0
DDT	whole	0.01	1	307	0	0
endrin	whole	0.01	not set	307	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	307	–	0
HCH (or BHC)	whole	0.01	not set	307	–	0
heptachlor	whole	0.01	0.05	307	0	0
lindane (gamma-HCH)	whole	0.01	2	307	0	0
mirex	whole	0.01	not set	307	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine total	whole	0.005	0.01	29	1	0