



Chickpea residue testing annual datasets 2021-22

National Residue Survey (NRS), Department of Agriculture, Fisheries and Forestry

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, retina 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.

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Table 1: CONTAMINANTS

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
aldrin and dieldrin (HHDN+HEOD)	Whole	0.01	not set	148	-	-
chlordane	Whole	0.01	0.02	148	0	0
DDT	Whole	0.01	1	148	0	0
endosulfan	Whole	0.01	not set	148	-	-
endrin	Whole	0.01	not set	148	-	-
HCB	Whole	0.01	not set	148	-	-
HCH	Whole	0.01	not set	148	-	-
heptachlor	Whole	0.01	0.05	148	0	0
lindane (gamma-HCH)	Whole	0.01	2	148	0	0
mirex	Whole	0.01	not set	148	-	-

Table 2: FUNGICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
azoxystrobin	Whole	0.01	0.3	148	0	0



benalaxyl	Whole	0.01	not set	148	-	-
bitertanol	Whole	0.01	not set	148	-	-
bixafen	Whole	0.01	0.01	148	0	0
boscalid	Whole	0.01	3	148	0	0
bupirimate	Whole	0.01	not set	148	-	-
captafol	Whole	0.02	not set	148	-	-
captan	Whole	0.01	0.1	148	0	0
carbendazim	Whole	0.01	0.5	148	0	0
carboxin	Whole	0.01	not set	148	-	-
chlorothalonil	Whole	0.01	3	148	0	0
cyproconazole	Whole	0.01	0.05	148	0	0
cyprodinil	Whole	0.01	0.2	148	0	0
difenoconazole	Whole	0.01	not set	148	-	-
dimethomorph	Whole	0.01	1	148	0	0
dithianon	Whole	0.01	not set	148	-	-
dodine	Whole	0.01	not set	148	-	-
epoxiconazole	Whole	0.01	not set	148	-	-
etridiazole	Whole	0.01	0.2	148	0	0
fenarimol	Whole	0.01	not set	148	-	-
fenbuconazole	Whole	0.01	not set	148	-	-
fenhexamid	Whole	0.01	not set	148	-	-
fluzinam	Whole	0.01	not set	148	-	-
fludioxonil	Whole	0.01	0.1	148	0	0
fluquinconazole	Whole	0.01	not set	148	-	-
flusilazole	Whole	0.01	not set	148	-	-
flutriafol	Whole	0.01	0.05	148	0	0
fluxapyroxad	Whole	0.01	0.1	148	0	0
hexaconazole	Whole	0.01	not set	148	-	-
imazalil	Whole	0.01	not set	148	-	-
ipconazole	Whole	0.01	not set	148	-	-
iprodione	Whole	0.01	not set	148	-	-
isoprothiolane	Whole	0.01	not set	148	-	-
kresoxim-methyl	Whole	0.01	not set	148	-	-
metalaxyl	Whole	0.01	not set	148	-	-
myclobutanil	Whole	0.01	not set	148	-	-
oxadixyl	Whole	0.01	not set	148	-	-
penconazole	Whole	0.01	not set	148	-	-
penflufen	Whole	0.01	0.01	148	0	0
prochloraz	Whole	0.01	not set	148	-	-



procymidone	Whole	0.01	0.5	148	0	0
propiconazole	Whole	0.01	0.3	148	0	0
prothioconazole	Whole	0.01	0.5	148	0	0
pyraclostrobin	Whole	0.01	not set	148	-	-
pyrimethanil	Whole	0.01	not set	148	-	-
quinoxifen	Whole	0.01	not set	148	-	-
sedaxane	Whole	0.01	not set	148	-	-
spiroxamine	Whole	0.01	not set	148	-	-
tebuconazole	Whole	0.01	1	148	0	0
thiabendazole	Whole	0.01	not set	148	-	-
tolclofos methyl	Whole	0.01	not set	148	-	-
triadimefon	Whole	0.01	not set	148	-	-
triadimenol	Whole	0.01	not set	148	-	-
trifloxystrobin	Whole	0.01	not set	148	-	-
triticonazole	Whole	0.01	not set	148	-	-
vinclozolin	Whole	0.01	not set	148	-	-

Table 3: HERBICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
2,2-DPA (2,2-dichloropropionic acid)	Whole	0.01	not set	148	-	-
2,4-D	Whole	0.01	0.05	148	0	0
2,4-DB	Whole	0.01	not set	148	-	-
acifluorfen	Whole	0.01	0.1	148	0	0
ametryn	Whole	0.01	not set	148	-	-
aminopyralid	Whole	0.01	not set	148	-	-
amitrole	Whole	0.01	0.01	31	0	0
atrazine	Whole	0.01	not set	148	-	-
bentazone	Whole	0.01	0.01	148	0	0
bicyclopyrone	Whole	0.01	not set	148	-	-
bromacil	Whole	0.01	not set	148	-	-
bromoxynil	Whole	0.01	not set	148	-	-
butoxydim	Whole	0.01	0.01	148	0	0
carfentrazone-ethyl	Whole	0.01	not set	148	-	-
chlormequat	Whole	0.01	not set	31	-	-
chlorpropham	Whole	0.01	not set	148	-	-
chlorsulfuron	Whole	0.01	not set	148	-	-
chlorthal-dimethyl	Whole	0.01	not set	148	-	-



clethodim	Whole	0.01	0.1	148	0	0
clodinafop acid	Whole	0.01	not set	148	-	-
clodinafop-propargyl	Whole	0.01	not set	148	-	-
clomazone	Whole	0.01	not set	148	-	-
clopyralid	Whole	0.01	not set	148	-	-
cloquintocet-mexyl	Whole	0.01	not set	148	-	-
cyanazine	Whole	0.01	0.01	148	0	0
dicamba	Whole	0.01	not set	148	-	-
dichlobenil	Whole	0.01	not set	148	-	-
dichlorprop-P	Whole	0.01	not set	31	-	-
diclofop-methyl	Whole	0.01	not set	31	-	-
diflufenican	Whole	0.01	0.05	148	0	0
dimethenamid-P	Whole	0.01	0.02	148	0	0
diquat	Whole	0.01	1	31	0	0
diuron	Whole	0.01	0.05	148	0	0
EPTC	Whole	0.01	0.04	148	0	0
ethofumesate	Whole	0.01	not set	148	-	-
fenoxaprop-ethyl	Whole	0.01	0.01	148	0	0
flamprop-M-methyl	Whole	0.01	0.01	31	0	0
florasulam	Whole	0.01	not set	148	-	-
fluazifop-p-butyl	Whole	0.01	0.5	31	0	0
flumetsulam	Whole	0.01	0.05	148	0	0
flumioxazin	Whole	0.01	0.1	148	0	0
fluroxypyr	Whole	0.01	not set	148	-	-
glufosinate	Whole	0.01	not set	31	-	-
glyphosate	Whole	0.01	5	31	0	0
halauxifen-methyl	Whole	0.01	not set	148	-	-
halosulfuron-methyl	Whole	0.01	not set	148	-	-
haloxyfop	Whole	0.01	0.1	31	3	0
iodosulfuron-methyl	Whole	0.01	not set	148	-	-
ioxynil	Whole	0.01	not set	148	-	-
isoxaben	Whole	0.01	not set	148	-	-
isoxaflutole	Whole	0.01	0.02	148	0	0
linuron	Whole	0.01	not set	148	-	-
MCPA	Whole	0.01	not set	148	-	-
MCPB	Whole	0.01	0.02	148	0	0
mefenpyr-diethyl	Whole	0.01	not set	148	-	-
metazachlor	Whole	0.01	0.03	148	0	0
methabenzthiazuron	Whole	0.01	not set	148	-	-



metolachlor	Whole	0.01	0.01	148	0	0
metosulam	Whole	0.01	not set	148	-	-
metribuzin	Whole	0.01	0.01	148	0	0
metsulfuron-methyl	Whole	0.01	0.05	148	0	0
napropamide	Whole	0.01	not set	148	-	-
norflurazon	Whole	0.01	not set	148	-	-
oryzalin	Whole	0.01	not set	148	-	-
oxyfluorfen	Whole	0.01	not set	148	-	-
paraquat	Whole	0.01	1	31	0	0
pendimethalin	Whole	0.01	0.05	148	0	0
picloram	Whole	0.01	not set	148	-	-
picolinafen	Whole	0.01	not set	148	-	-
pinoxaden (parent)	Whole	0.01	not set	148	-	-
prometryn	Whole	0.01	0.1	148	0	0
propachlor	Whole	0.01	not set	148	-	-
propaquizafop	Whole	0.01	0.05	31	0	0
propyzamide	Whole	0.01	0.01	148	0	0
prosulfocarb	Whole	0.01	0.01	148	0	0
pyraflufen-ethyl	Whole	0.01	0.02	148	0	0
pyrasulfotole	Whole	0.01	not set	148	-	-
pyroxasulfone	Whole	0.01	0.01	148	0	0
pyroxulam	Whole	0.01	not set	148	-	-
quizalofop-ethyl	Whole	0.01	0.2	31	0	0
quizalofop-P-tefuryl	Whole	0.01	0.2	31	0	0
saflufenacil	Whole	0.01	0.2	148	0	0
sethoxydim	Whole	0.01	0.1	148	0	0
simazine	Whole	0.01	0.05	148	0	0
sulfosulfuron	Whole	0.01	not set	148	-	-
terbuthylazine	Whole	0.01	0.02	148	0	0
terbutryn	Whole	0.01	not set	148	-	-
tralkoxydim	Whole	0.01	not set	148	-	-
trallate	Whole	0.01	0.1	148	0	0
triasulfuron	Whole	0.01	not set	148	-	-
tribenuron-methyl	Whole	0.01	0.01	148	0	0
triclopyr	Whole	0.01	not set	148	-	-
trifluralin	Whole	0.01	0.05	148	0	0



Table 4: INSECTICIDES

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
abamectin	Whole	0.01	not set	148	-	-
acephate	Whole	0.01	not set	148	-	-
acetamiprid	Whole	0.01	0.1	148	0	0
aldicarb	Whole	0.01	not set	148	-	-
amitraz	Whole	0.01	not set	148	-	-
azamethiphos	Whole	0.01	not set	148	-	-
azinphos-methyl	Whole	0.01	not set	148	-	-
bifenazate	Whole	0.01	0.5	148	0	0
bifenthrin	Whole	0.01	0.02	148	0	0
bioresmethrin	Whole	0.01	not set	148	-	-
buprofezin	Whole	0.01	0.01	148	0	0
cadusafos	Whole	0.01	not set	148	-	-
carbaryl	Whole	0.01	0.1	148	0	0
carbofuran	Whole	0.01	not set	148	-	-
chlorantraniliprole	Whole	0.01	0.07	148	0	0
chlorfenapyr	Whole	0.01	not set	148	-	-
chlorfenvinphos	Whole	0.01	not set	148	-	-
chlorpyrifos	Whole	0.01	not set	148	-	-
chlorpyrifos-methyl	Whole	0.01	0.15	148	0	1
clofentezine	Whole	0.01	not set	148	-	-
clothianidin	Whole	0.01	0.1	148	0	0
cyantraniliprole	Whole	0.01	0.05	148	0	0
cyfluthrin	Whole	0.01	not set	148	-	-
cyhalothrin	Whole	0.01	0.2	148	0	0
cypermethrin	Whole	0.01	0.2	148	0	0
deltamethrin	Whole	0.01	0.1	148	0	0
diafenthiuron	Whole	0.01	not set	148	-	-
diazinon	Whole	0.01	0.7	148	0	0
dichlorvos	Whole	0.01	0.01	148	0	0
dicofol	Whole	0.01	not set	148	-	-
diflubenzuron	Whole	0.01	not set	148	-	-
dimethoate	Whole	0.01	0.7	148	0	0
disulfoton	Whole	0.01	not set	148	-	-
emamectin	Whole	0.01	0.01	148	0	0
ethion	Whole	0.01	not set	148	-	-
ethoprophos	Whole	0.005	not set	148	-	-



etoxazole	Whole	0.01	not set	148	-	-
fenamiphos	Whole	0.01	not set	148	-	-
fenbutatin oxide	Whole	0.01	not set	148	-	-
fenitrothion	Whole	0.01	0.1	148	1	0
fenoxycarb	Whole	0.01	not set	148	-	-
fenpyroximate	Whole	0.01	not set	148	-	-
fenthion	Whole	0.01	not set	148	-	-
fenvalerate	Whole	0.01	0.5	148	0	0
fipronil	Whole	0.002	not set	148	-	-
flonicamid	Whole	0.01	not set	148	-	-
hexythiazox	Whole	0.01	not set	148	-	-
imidacloprid	Whole	0.01	not set	148	-	-
indoxacarb	Whole	0.01	0.2	148	0	0
malathion	Whole	0.01	2	148	0	0
methacrifos	Whole	0.01	not set	148	-	-
methamidophos	Whole	0.01	not set	148	-	-
methidathion	Whole	0.01	not set	148	-	-
methiocarb	Whole	0.01	not set	148	-	-
methomyl	Whole	0.01	1	148	0	0
methoprene	Whole	0.01	not set	148	-	-
methoxychlor	Whole	0.01	not set	148	-	-
methoxyfenozide	Whole	0.01	not set	148	-	-
mevinphos	Whole	0.01	not set	148	-	-
monocrotophos	Whole	0.01	not set	148	-	-
omethoate	Whole	0.01	0.1	148	0	0
parathion	Whole	0.01	not set	148	-	-
parathion-methyl	Whole	0.01	not set	148	-	-
permethrin	Whole	0.01	not set	148	-	-
phenothrin	Whole	0.01	not set	148	-	-
phorate	Whole	0.01	not set	148	-	-
phosmet	Whole	0.01	not set	148	-	-
piperonyl butoxide	Whole	0.01	8	148	0	0
pirimicarb	Whole	0.01	0.02	148	0	0
pirimiphos-methyl	Whole	0.01	not set	148	-	-
profenofos	Whole	0.01	not set	148	-	-
propargite	Whole	0.01	not set	148	-	-
prothiofos	Whole	0.01	not set	148	-	-
pymetrozine	Whole	0.01	not set	148	-	-
pyrethrins	Whole	0.01	1	148	1	0



pyriproxyfen	Whole	0.01	not set	148	-	-
spinetoram	Whole	0.01	0.01	148	0	0
spinosad	Whole	0.01	0.01	148	0	1
spirotetramat	Whole	0.01	not set	148	-	-
sulfoxaflor	Whole	0.01	not set	148	-	-
tau-fluvalinate	Whole	0.01	not set	148	-	-
tebufenozide	Whole	0.01	not set	148	-	-
tebufenpyrad	Whole	0.01	not set	148	-	-
terbufos	Whole	0.01	not set	148	-	-
tetradifon	Whole	0.01	not set	148	-	-
thiacloprid	Whole	0.01	not set	148	-	-
thiamethoxam	Whole	0.01	0.5	148	0	0
thiodicarb	Whole	0.01	0.1	148	0	0
triazofos	Whole	0.01	not set	148	-	-
trichlorfon	Whole	0.01	0.2	148	0	0
triflumuron	Whole	0.01	not set	148	-	-

Table 5: PHYSIOLOGICAL MODIFIER

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	Number of samples tested	>½MRL to ≤MRL	>MRL
trinexapac-ethyl	Whole	0.01	not set	148	-	-