Australian Government
Department of Agriculture and Water Resources

Citrus 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

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	10	369	0	0
azoxystrobin	whole	0.01	3	369	0	0
benalaxyl	whole	0.01	not set	254	0	0
benomyl	whole	0.01	not set	48	0	0
bitertanol	whole	0.01	not set	254	0	0
boscalid	whole	0.01	0.5	369	0	0
buprimate	whole	0.01	not set	254	0	0
captafol	whole	0.05	not set	254	0	0
captan	whole	0.05	not set	254	0	0
carbendazim	whole	0.01	not set	254	0	0
chlorothalonil	whole	0.01	not set	254	0	0
cyproconazole	whole	0.01	not set	254	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
cyprodinil	whole	0.01	not set	254	0	0
difenoconazole	whole	0.01	not set	369	0	0
dimethomorph	whole	0.01	not set	254	0	0
dithianon	whole	0.01	2	254	0	0
dodine	whole	0.01	not set	254	0	0
epoxiconazole	whole	0.01	not set	369	0	0
etridiazole	whole	0.01	not set	254	0	0
fenarimol	whole	0.01	not set	254	0	0
fenhexamid	whole	0.01	not set	254	0	0
fluazinam	whole	0.01	not set	254	0	0
fludioxonil	whole	0.01	10	369	0	0
fluquinconazole	whole	0.01	not set	254	0	0
flusilazole	whole	0.01	not set	254	0	0
flutriafol	whole	0.01	not set	254	0	0
hexaconazole	whole	0.01	not set	254	0	0
imazalil	whole	0.01	10	369	0	0
iprodione	whole	0.05	not set	369	0	0
kresoxim-methyl	whole	0.01	not set	254	0	0
metalaxyl	whole	0.01	not set	254	0	0
myclobutanil	whole	0.01	not set	254	0	0
oxadixyl	whole	0.01	not set	254	0	0
paclobutrazol	whole	0.01	not set	254	0	0
penconazole	whole	0.01	not set	369	0	0
prochloraz	whole	0.01	not set	369	0	0
procymidone	whole	0.01	not set	254	0	0
propiconazole	whole	0.01	7	254	0	0
prothioconazole	whole	0.05	not set	254	0	0
pyraclostrobin	whole	0.01	not set	254	0	0
pyrimethanil	whole	0.01	7	369	0	0
tebuconazole	whole	0.01	not set	369	0	5
thiabendazole	whole	0.01	10	369	2	0
tolclofos methyl	whole	0.01	not set	254	0	0
triadimefon	whole	0.01	not set	254	0	0
triadimenol	whole	0.01	not set	254	0	0
trifloxystrobin	whole	0.01	not set	369	0	0
triticonazole	whole	0.01	not set	254	0	0
vinclozolin	whole	0.01	not set	254	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	0.1	369	0	0
2,4-D	whole	0.01	5	369	0	0
atrazine	whole	0.01	not set	254	0	0
bromacil	whole	0.01	0.04	369	1	0
bromoxynil	whole	0.01	not set	254	0	0
carfentrazone-ethyl	whole	0.01	0.05	369	0	0
chlorsulfuron	whole	0.01	not set	254	0	0
chlorthal-dimethyl	whole	0.01	not set	254	0	0
clethodim	whole	0.01	not set	254	0	0
clodinafop-propargyl	whole	0.01	not set	254	0	0
clopyralid	whole	0.05	not set	254	0	0
cyanazine	whole	0.01	not set	254	0	0
dicamba	whole	0.01	not set	254	0	0
dichlobenil	whole	0.01	0.1	369	0	0
dichlorprop-P	whole	0.01	0.2	369	0	0
diflufenican	whole	0.01	not set	254	0	0
diuron	whole	0.01	0.5	369	0	0
ethofumesate	whole	0.01	not set	254	0	0
iodosulfuron-methyl	whole	0.01	not set	254	0	0
ioxynil	whole	0.01	not set	254	0	0
isoxaben	whole	0.01	0.01	369	0	0
linuron	whole	0.05	not set	254	0	0
MCPA	whole	0.01	not set	254	0	0
methabenthiazuron	whole	0.01	not set	254	0	0
metolachlor	whole	0.01	not set	254	0	0
metosulam	whole	0.01	not set	254	0	0
metribuzin	whole	0.01	not set	254	0	0
metsulfuron-methyl	whole	0.01	not set	254	0	0
napropamide	whole	0.01	not set	254	0	0
norflurazon	whole	0.01	0.2	369	0	0
oryzalin	whole	0.01	0.1	369	0	0
oxyfluorfen	whole	0.01	not set	369	0	0
pendimethalin	whole	0.01	0.05	369	0	0
picloram	whole	0.01	not set	254	0	0
propachlor	whole	0.01	not set	254	0	0
quizalofop-ethyl	whole	0.01	not set	254	0	0
quizalofop-P-tefuryl	whole	0.01	not set	254	0	0
sethoxydim	whole	0.01	not set	254	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
simazine	whole	0.01	0.1	369	2	0
tralkoxydim	whole	0.01	not set	254	0	0
triasulfuron	whole	0.01	not set	254	0	0
triclopyr	whole	0.01	0.2	254	0	0
trifluralin	whole	0.01	0.05	369	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	0.01	369	0	0
acephate	whole	0.05	5	254	0	0
acetamiprid	whole	0.01	not set	255	0	0
aldicarb	whole	0.01	0.05	369	0	0
amitraz	whole	0.01	not set	254	0	0
azamethiphos	whole	0.01	not set	254	0	0
azinphos-methyl	whole	0.01	not set	369	0	0
bifenazate	whole	0.01	not set	369	0	0
bifenthrin	whole	0.01	0.05	369	0	1
bioresmethrin	whole	0.01	not set	254	0	0
buprofezin	whole	0.01	2	369	0	0
cadusafos	whole	0.01	0.01	369	0	0
carbaryl	whole	0.01	not set	369	0	0
carbofuran	whole	0.01	not set	254	0	0
chlorantraniliprole	whole	0.01	0.01	254	0	0
chlorfenapyr	whole	0.01	not set	254	0	0
chlorfenvinphos	whole	0.01	not set	254	0	0
chlorpropham	whole	0.05	not set	254	0	0
chlorpyrifos	whole	0.01	0.5	369	0	0
chlorpyrifos-methyl	whole	0.01	not set	254	0	0
clofentezine	whole	0.01	not set	369	0	0
clothianidin	whole	0.01	not set	254	0	0
cyfluthrin	whole	0.01	not set	369	0	0
cyhalothrin	whole	0.01	0.01	369	0	2
cypermethrin	whole	0.01	0.01	369	0	0
deltamethrin	whole	0.01	not set	254	0	0
diazinon	whole	0.01	0.7	369	0	0
dichlorvos	whole	0.01	0.1	254	0	0
diflubenzuron	whole	0.01	not set	254	0	0
dimethoate	whole	0.01	5	369	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
disulfoton	whole	0.01	not set	254	0	0
emamectin	whole	0.01	not set	254	0	0
esfenvalerate	whole	0.01	not set	254	0	0
ethion	whole	0.01	1	254	0	0
ethoprophos	whole	0.005	not set	254	0	0
etoxazole	whole	0.01	0.5	254	0	0
fenamiphos	whole	0.01	0.05	369	0	0
fenbutatin oxide	whole	0.01	5	369	0	0
fenitrothion	whole	0.01	1	254	0	0
fenoxycarb	whole	0.01	not set	254	0	0
fenpyroximate	whole	0.01	not set	254	0	0
fenthion	whole	0.01	0.7	369	0	0
fenvalerate	whole	0.01	not set	254	0	0
fipronil	whole	0.01	0.01	369	0	0
hexythiazox	whole	0.01	not set	254	0	0
imidacloprid	whole	0.01	2	369	0	0
indoxacarb	whole	0.01	not set	369	0	0
malathion (maldison)	whole	0.01	4	369	0	0
metaldehyde	whole	0.05	1	369	0	0
methacrifos	whole	0.01	not set	254	0	0
methamidophos	whole	0.01	0.5	254	0	0
methidathion	whole	0.01	2	369	0	0
methiocarb	whole	0.01	0.1	369	0	0
methomyl	whole	0.01	1	369	0	0
methoprene	whole	0.01	not set	254	0	0
methoxyfenozide	whole	0.01	1	369	0	0
mevinphos	whole	0.01	not set	254	0	0
monocrotophos	whole	0.01	not set	254	0	0
omethoate	whole	0.01	2	369	0	0
parathion	whole	0.01	not set	254	0	0
parathion-methyl	whole	0.01	not set	369	0	0
permethrin	whole	0.01	not set	369	0	0
phenothrin	whole	0.01	not set	369	0	0
phorate	whole	0.01	not set	254	0	0
phosmet	whole	0.01	not set	254	0	0
piperonyl butoxide	whole	0.01	8	254	0	0
pirimicarb	whole	0.01	0.5	369	0	0
pirimiphos-methyl	whole	0.01	not set	254	0	0
profenofos	whole	0.01	not set	369	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
propargite	whole	0.01	not set	254	0	0
prothiofos	whole	0.01	not set	254	0	0
pymetrozine	whole	0.01	not set	254	0	0
pyrethrins	whole	0.05	1	369	0	0
pyridaben	whole	0.02	not set	254	0	0
pyriproxyfen	whole	0.01	0.3	369	0	0
spinetoram	whole	0.01	0.2	369	0	0
spinosad	whole	0.01	0.3	369	0	0
spirotetramat	whole	0.01	1	369	0	0
tau-fluvalinate	whole	0.01	not set	254	0	0
tebufenozide	whole	0.01	1	369	0	0
tebufenpyrad	whole	0.01	not set	254	0	0
terbufos	whole	0.01	not set	254	0	0
tetradifon	whole	0.01	5	254	0	0
thiacloprid	whole	0.01	not set	254	0	0
thiamethoxam	whole	0.01	1	369	0	0
thiodicarb	whole	0.01	not set	369	0	0
triazofos	whole	0.01	not set	254	0	0
trichlorfon	whole	0.01	0.1	254	0	0
triflumuron	whole	0.01	not set	254	0	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dicofol	whole	0.01	5	369	0	0
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	0.05	369	0	0
chlordane	whole	0.01	0.02	369	0	0
DDT	whole	0.01	1	369	0	0
endosulfan	whole	0.01	not set	369	0	0
endrin	whole	0.01	not set	369	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	254	0	0
HCH (or BHC)	whole	0.01	not set	254	0	0
lindane (gamma-HCH)	whole	0.01	0.5	369	0	0
methoxychlor	whole	0.01	not set	254	0	0
mirex	whole	0.01	not set	254	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	254	0	0