Lime residue testing annual datasets 2018

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.

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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	2	0	0
azoxystrobin	whole	0.01	3	2	0	0
benalaxyl	whole	0.01	not set	2	–	0
bitertanol	whole	0.01	not set	2	–	0
boscalid	whole	0.01	0.5	2	0	0
bupirimate	whole	0.01	not set	2	–	0
captafol	whole	0.05	not set	2	–	0
captan	whole	0.05	not set	2	–	0
carbendazim	whole	0.01	not set	2	–	0
chlorothalonil	whole	0.01	not set	2	–	0
cyproconazole	whole	0.01	not set	2	–	0
cyprodinil	whole	0.01	not set	2	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
difenoconazole	whole	0.01	not set	2	–	0
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	2	–	0
dithianon	whole	0.01	2	2	0	0
dodine	whole	0.01	not set	2	–	0
epoxiconazole	whole	0.01	not set	2	–	0
etridiazole	whole	0.01	not set	2	–	0
fenarimol	whole	0.01	not set	2	–	0
fenhexamid	whole	0.01	not set	2	–	0
fluazinam	whole	0.01	not set	2	–	0
fludioxonil	whole	0.01	10	2	0	0
fluquinconazole	whole	0.01	not set	2	–	0
flusilazole	whole	0.01	not set	2	–	0
flutriafol	whole	0.01	0.5	2	0	0
hexaconazole	whole	0.01	not set	2	–	0
imazalil	whole	0.01	10	2	0	0
iprodione	whole	0.05	not set	2	–	0
kresoxim-methyl	whole	0.01	not set	2	–	0
metalaxyl	whole	0.01	not set	2	–	0
metrafenone	whole	0.01	not set	2	–	0
myclobutanil	whole	0.01	not set	2	–	0
oxadixyl	whole	0.01	not set	2	–	0
paclobutrazol	whole	0.01	not set	2	–	0
penconazole	whole	0.01	not set	2	–	0
penthiopyrad	whole	0.01	not set	2	–	0
prochloraz	whole	0.01	not set	2	–	0
procymidone	whole	0.01	not set	2	–	0
propiconazole	whole	0.01	7	2	0	0
prothioconazole	whole	0.05	not set	2	–	0
pyraclostrobin	whole	0.01	not set	2	–	0
pyrimethanil	whole	0.01	7	2	0	0
tebuconazole	whole	0.01	not set	2	–	0
thiabendazole-P	whole	0.01	10	2	0	0
tolclofos methyl	whole	0.01	not set	2	–	0
triadimefon	whole	0.01	not set	2	–	0
triadimenol	whole	0.01	not set	2	–	0
trifloxystrobin	whole	0.01	not set	2	–	0
triticonazole	whole	0.01	not set	2	–	0
vinclozolin	whole	0.01	not set	2	–	0

Table 2 Herbicides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
2,2-DPA (2,2-dichloropropionic acid)	whole	0.05	0.1	2	0	0
2,4-D	whole	0.01	5	2	0	0
atrazine	whole	0.01	not set	2	–	0
bromacil	whole	0.01	0.04	2	0	0
bromoxynil	whole	0.01	not set	2	–	0
carfentrazone-ethyl	whole	0.01	0.05	2	0	0
chlorpropham	whole	0.05	not set	2	–	0
chlorsulfuron	whole	0.01	not set	2	–	0
chlorthal-dimethyl	whole	0.01	not set	2	–	0
clethodim (parent only)	whole	0.01	not set	2	–	0
clodinafop-propargyl	whole	0.01	not set	2	–	0
clopyralid	whole	0.05	not set	2	–	0
cyanazine	whole	0.01	not set	2	–	0
dicamba	whole	0.01	not set	2	–	0
dichlobenil	whole	0.01	0.1	2	0	0
dichlorprop-P	whole	0.01	0.2	2	0	0
diflufenican	whole	0.01	not set	2	–	0
diuron	whole	0.01	not set	2	–	0
ethofumesate	whole	0.01	not set	2	–	0
iodosulfuron-methyl	whole	0.01	not set	2	–	0
ioxynil	whole	0.01	not set	2	–	0
isoxaben	whole	0.01	0.01	2	0	0
linuron	whole	0.05	not set	2	–	0
MCPA	whole	0.01	not set	2	–	0
methabenzthiazuron	whole	0.01	not set	2	–	0
metolachlor	whole	0.01	not set	2	–	0
metosulam	whole	0.01	not set	2	–	0
metribuzin	whole	0.01	not set	2	–	0
metsulfuron-methyl	whole	0.01	not set	2	–	0
napropamide	whole	0.01	not set	2	–	0
norflurazon	whole	0.01	0.2	2	0	0
oryzalin	whole	0.01	0.1	2	0	0
oxyfluorfen	whole	0.01	not set	2	–	0
pendimethalin	whole	0.01	0.05	2	0	0
picloram	whole	0.01	not set	2	–	0
propachlor	whole	0.01	not set	2	–	0
propyzamide	whole	0.01	not set	2	–	0
quizalofop-ethyl	whole	0.01	not set	2	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
quizalofop-P-tefuryl	whole	0.01	not set	2	–	0
saflufenacil	whole	0.01	0.03	2	0	0
sethoxydim	whole	0.01	not set	2	–	0
simazine	whole	0.01	0.1	2	0	0
tralkoxydim	whole	0.01	not set	2	–	0
triasulfuron	whole	0.01	not set	2	–	0
triclopyr	whole	0.01	0.2	2	0	0
trifluralin	whole	0.01	0.05	2	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
acephate	whole	0.05	not set	2	–	0
acetamiprid-P	whole	0.01	1	2	0	0
aldicarb	whole	0.01	not set	2	–	0
amitraz	whole	0.01	not set	2	–	0
azamethiphos	whole	0.01	not set	2	–	0
azinphos-methyl	whole	0.01	not set	2	–	0
bifenazate	whole	0.01	not set	2	–	0
bifenthrin	whole	0.01	0.05	2	0	0
bioresmethrin	whole	0.01	not set	2	–	0
buprofezin	whole	0.01	2	2	0	0
cadusafos	whole	0.01	0.01	2	0	0
carbaryl	whole	0.01	not set	2	–	0
carbofuran	whole	0.01	not set	2	–	0
chlorantraniliprole	whole	0.01	0.01	2	0	0
chlorfenapyr	whole	0.01	not set	2	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	2	–	0
chlorpyrifos	whole	0.01	0.5	2	0	0
chlorpyrifos-methyl	whole	0.01	not set	2	–	0
clofentezine	whole	0.01	not set	2	–	0
clothianidin	whole	0.01	0.2	2	0	0
cyfluthrin (sum of isomers)	whole	0.01	not set	2	–	0
cyhalothrin (sum of isomers)	whole	0.01	0.01	2	0	0
cypermethrin (sum of isomers)	whole	0.01	0.01	2	0	0
deltamethrin	whole	0.01	not set	2	–	0
diazinon	whole	0.01	0.7	2	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dichlorvos	whole	0.01	0.1	2	0	0
dicofol	whole	0.01	5	2	0	0
diflubenzuron	whole	0.01	not set	2	–	0
dimethoate	whole	0.01	5	2	0	0
disulfoton	whole	0.01	not set	2	–	0
esfenvalerate	whole	0.01	not set	2	–	0
ethion	whole	0.01	1	2	0	0
ethoprophos	whole	0.005	not set	2	–	0
etoxazole	whole	0.01	0.5	2	0	0
fenamiphos	whole	0.01	not set	2	–	0
fenbutatin oxide	whole	0.01	5	2	0	0
fenitrothion	whole	0.01	not set	2	–	0
fenoxycarb	whole	0.01	not set	2	–	0
fenpyroximate	whole	0.01	not set	2	–	0
fenthion	whole	0.01	not set	2	–	0
fenvalerate (sum of isomers)	whole	0.01	not set	2	–	0
fipronil	whole	0.01	0.01	2	0	0
flonicamid	whole	0.01	not set	2	–	0
hexythiazox	whole	0.01	not set	2	–	0
imidacloprid	whole	0.01	2	2	0	0
indoxacarb	whole	0.01	not set	2	–	0
malathion (maldison)	whole	0.01	4	2	0	0
metaldehyde	whole	0.05	1	2	0	0
methacrifos	whole	0.01	not set	2	–	0
methamidophos	whole	0.01	not set	2	–	0
methidathion	whole	0.01	2	2	0	0
methiocarb	whole	0.01	0.1	2	0	0
methomyl	whole	0.01	1	2	0	0
methoprene	whole	0.01	not set	2	–	0
methoxychlor	whole	0.01	not set	2	–	0
methoxyfenozide	whole	0.01	1	2	0	0
mevinphos	whole	0.01	not set	2	–	0
monocrotophos	whole	0.01	not set	2	–	0
omethoate	whole	0.01	2	2	0	0
parathion	whole	0.01	not set	2	–	0
parathion-methyl	whole	0.01	not set	2	–	0
permethrin (sum of isomers)	whole	0.01	not set	2	–	0
phenothrin (sum of isomers)	whole	0.01	not set	2	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phorate	whole	0.01	not set	2	–	0
phosmet	whole	0.01	not set	2	–	0
piperonyl butoxide	whole	0.01	8	2	0	0
pirimicarb	whole	0.01	0.5	2	0	0
pirimiphos-methyl	whole	0.01	not set	2	–	0
profenofos	whole	0.01	not set	2	–	0
propargite	whole	0.01	not set	2	–	0
prothiofos	whole	0.01	not set	2	–	0
pymetrozine	whole	0.01	not set	2	–	0
pyrethrins	whole	0.05	1	2	0	0
pyridaben	whole	0.02	not set	2	–	0
pyriproxyfen	whole	0.01	0.3	2	0	0
spinetoram	whole	0.01	0.2	2	0	0
spinosad	whole	0.01	0.3	2	0	0
spirotetramat	whole	0.01	1	2	0	0
sulfoxaflor	whole	0.01	0.7	2	0	0
tau-fluvalinate	whole	0.01	not set	2	–	0
tebufenozide	whole	0.01	1	2	0	0
tebufenpyrad	whole	0.01	not set	2	–	0
terbufos	whole	0.01	not set	2	–	0
tetradifon	whole	0.01	not set	2	–	0
thiacloprid	whole	0.01	not set	2	–	0
thiamethoxam	whole	0.01	1	2	0	0
thiodicarb	whole	0.01	not set	2	–	0
triazofos	whole	0.01	not set	2	–	0
trichlorfon	whole	0.01	0.1	2	0	0
triflumuron	whole	0.01	not set	2	–	0

Table 4 Contaminants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
aldrin and dieldrin (HHDN+HEOD)	whole	0.01	0.05	2	0	0
chlordane	whole	0.01	0.02	2	0	0
DDT	whole	0.01	1	2	0	0
endosulfan	whole	0.01	not set	2	–	0
endrin	whole	0.01	not set	2	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	2	–	0
HCH (BHC)	whole	0.01	not set	2	–	0
heptachlor	whole	0.01	0.01	2	0	0
lindane (gamma-HCH)	whole	0.01	0.5	2	0	0
mirex	whole	0.01	not set	2	–	0

Table 4 - Physiological Modifier

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
diphenylamine	whole	0.01	not set	2	–	0