



Lupin 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.

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Table 1 Fungicides

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
azoxystrobin	whole	0.01	not set	44	–	0
benalaxyl	whole	0.01	not set	44	–	0
bitertanol	whole	0.01	not set	44	–	0
boscalid	whole	0.01	0.5	44	0	0
bupirimate	whole	0.01	not set	44	–	0
captafol	whole	0.02	not set	44	–	0
captan	whole	0.02	not set	44	–	0
carbendazim	whole	0.01	0.5	44	0	0
chlorothalonil	whole	0.01	3	44	0	0
cyproconazole	whole	0.01	not set	44	–	0
cyprodinil	whole	0.01	not set	44	–	0
difenoconazole	whole	0.01	not set	44	–	0

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Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	44	–	0
dithianon	whole	0.01	not set	44	–	0
dodine	whole	0.01	not set	44	–	0
epoxiconazole	whole	0.01	not set	44	–	0
etridiazole	whole	0.01	0.2	44	0	0
fenarimol	whole	0.01	not set	44	–	0
fenhexamid	whole	0.01	not set	44	–	0
fluazinam	whole	0.01	not set	44	–	0
fludioxonil	whole	0.01	not set	44	–	0
fluquinconazole	whole	0.01	not set	44	–	0
flusilazole	whole	0.01	not set	44	–	0
flutriafol	whole	0.01	not set	44	–	1
fluxapyroxad	whole	0.01	0.1	44	0	0
hexaconazole	whole	0.01	not set	44	–	0
imazalil	whole	0.01	not set	44	–	0
ipconazole	whole	0.01	not set	44	–	0
iprodione	whole	0.01	0.1	44	0	0
kresoxim-methyl	whole	0.01	not set	44	–	0
metalaxyl	whole	0.01	not set	44	–	0
myclobutanil	whole	0.01	not set	44	–	0
oxadixyl	whole	0.01	not set	44	–	0
penconazole	whole	0.01	not set	44	–	0
prochloraz	whole	0.01	not set	44	–	0
procymidone	whole	0.01	0.01	44	0	0
propiconazole	whole	0.01	not set	44	–	0
prothioconazole	whole	0.01	0.1	44	0	0
pyraclostrobin	whole	0.01	not set	44	–	0
pyrimethanil	whole	0.01	not set	44	–	0
quinoxifen	whole	0.01	not set	5	–	0
spiroxamine	whole	0.01	not set	44	–	0
tebuconazole	whole	0.01	not set	44	–	0
thiabendazole	whole	0.01	not set	44	–	0
tolclofos methyl	whole	0.01	not set	44	–	0
triadimefon	whole	0.01	not set	44	–	0
triadimenol	whole	0.01	not set	44	–	0
trifloxystrobin	whole	0.01	not set	44	–	0
triticonazole	whole	0.01	not set	44	–	0
vinclozolin	whole	0.01	not set	44	–	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	44	–	0
2,4-D	whole	0.01	0.05	44	0	0
amitrole	whole	0.01	0.01	13	0	0
atrazine	whole	0.01	0.02	44	0	0
bromacil	whole	0.01	not set	44	–	0
bromoxynil	whole	0.01	not set	44	–	0
carfentrazone-ethyl	whole	0.01	not set	44	–	0
chlorpropham	whole	0.01	not set	44	–	0
chlorsulfuron	whole	0.01	not set	44	–	0
chlorthal-dimethyl	whole	0.01	not set	44	–	0
clethodim (parent only)	whole	0.01	0.2	44	0	0
clodinafop-propargyl	whole	0.01	not set	44	–	0
clopyralid	whole	0.01	not set	44	–	0
cyanazine	whole	0.01	0.01	44	0	0
dicamba	whole	0.01	not set	44	–	0
dichlobenil	whole	0.01	not set	44	–	0
dichlorprop-P	whole	0.01	not set	44	–	0
diclofop-methyl	whole	0.01	0.1	13	0	0
diflufenican	whole	0.01	0.05	44	0	0
diquat	whole	0.01	1	13	0	0
diuron	whole	0.01	0.05	44	0	0
ethofumesate	whole	0.01	not set	44	–	0
fenoxaprop-ethyl	whole	0.01	not set	13	–	0
flamprop-M-methyl	whole	0.01	not set	13	–	0
fluazifop-p-butyl	whole	0.01	0.1	13	0	0
flumetsulam	whole	0.01	0.05	44	0	0
glufosinate	whole	0.01	not set	13	–	0
glyphosate	whole	0.01	5	13	0	0
haloxyfop	whole	0.01	0.1	13	0	0
imazamox	whole	0.01	not set	44	–	0
imazapic	whole	0.01	not set	44	–	0
imazapyr	whole	0.01	not set	44	–	0
imazaquin	whole	0.01	not set	44	–	0
imazethapyr	whole	0.01	0.1	44	0	0
iodosulfuron-methyl	whole	0.01	not set	44	–	0
ioxynil	whole	0.01	not set	44	–	0
isoxaben	whole	0.01	not set	44	–	0
linuron	whole	0.01	not set	44	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	44	–	0
methabenthiazuron	whole	0.01	not set	44	–	0
metolachlor	whole	0.01	0.01	44	0	0
metosulam	whole	0.01	0.02	44	0	0
metribuzin	whole	0.01	0.01	44	0	0
metsulfuron–methyl	whole	0.01	not set	44	–	0
napropamide	whole	0.01	not set	44	–	0
norflurazon	whole	0.01	not set	44	–	0
oryzalin	whole	0.01	not set	44	–	0
oxyfluorfen	whole	0.01	not set	44	–	0
paraquat	whole	0.01	1	13	0	0
pendimethalin	whole	0.01	0.05	44	0	0
picloram	whole	0.01	not set	44	–	0
propachlor	whole	0.01	not set	44	–	0
propyzamide	whole	0.01	not set	33	–	0
quizalofop–ethyl	whole	0.01	0.2	13	0	0
quizalofop–P–tefuryl	whole	0.01	0.2	13	0	0
saflufenacil	whole	0.01	0.03	33	0	0
sethoxydim	whole	0.01	0.2	44	0	0
simazine	whole	0.01	0.05	44	0	0
tralkoxydim	whole	0.01	not set	44	–	0
triasulfuron	whole	0.01	not set	44	–	0
triclopyr	whole	0.01	not set	44	–	0
trifluralin	whole	0.01	0.05	44	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	44	–	0
acephate	whole	0.01	not set	44	–	0
acetamiprid	whole	0.01	not set	44	–	0
aldicarb	whole	0.01	not set	44	–	0
amitraz	whole	0.01	not set	44	–	0
azamethiphos	whole	0.01	not set	44	–	0
azinphos–methyl	whole	0.01	not set	44	–	0
bifenazate	whole	0.01	not set	44	–	0
bifenthrin	whole	0.01	0.02	44	0	0
bioresmethrin	whole	0.01	not set	44	–	0
buprofezin	whole	0.01	not set	44	–	0

Lupin 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	44	–	0
carbaryl	whole	0.01	0.1	44	0	0
carbofuran	whole	0.01	not set	44	–	0
chlorantraniliprole	whole	0.01	0.01	44	0	0
chlorfenapyr	whole	0.01	not set	44	–	0
chlorfenvinphos	whole	0.01	not set	44	–	0
chlorpyrifos	whole	0.01	not set	44	–	0
chlorpyrifos–methyl	whole	0.01	10	44	0	0
clofentezine	whole	0.01	not set	44	–	0
clothianidin	whole	0.01	not set	44	–	0
cyfluthrin	whole	0.01	0.5	44	0	0
cyhalothrin	whole	0.01	0.2	44	0	0
cypermethrin	whole	0.01	0.01	44	0	0
deltamethrin	whole	0.01	0.1	44	0	0
diafenthion	whole	0.01	not set	44	–	0
diazinon	whole	0.01	0.7	44	0	0
dichlorvos	whole	0.01	0.01	44	0	0
dicofol	whole	0.01	not set	44	–	0
diflubenzuron	whole	0.01	not set	44	–	0
dimethoate	whole	0.01	0.5	44	0	0
disulfoton	whole	0.01	not set	44	–	0
emamectin	whole	0.01	0.01	44	0	0
endosulfan	whole	0.01	not set	44	–	0
esfenvalerate	whole	0.01	0.5	44	0	0
ethion	whole	0.01	not set	44	–	0
ethoprophos	whole	0.005	not set	44	–	0
etoxazole	whole	0.01	not set	44	–	0
fenamiphos	whole	0.01	not set	44	–	0
fenbutatin oxide	whole	0.01	not set	44	–	0
fenitrothion	whole	0.01	0.1	44	0	0
fenoxycarb	whole	0.01	not set	44	–	0
fenpyroximate	whole	0.01	not set	44	–	0
fenthion	whole	0.01	not set	44	–	0
fenvalerate	whole	0.01	0.5	44	0	0
fipronil	whole	0.005	not set	44	–	0
hexythiazox	whole	0.01	not set	44	–	0
imidacloprid	whole	0.01	0.2	44	0	0
indoxacarb	whole	0.01	0.2	44	0	0
malathion (maldison)	whole	0.01	2	44	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methacrifos	whole	0.01	not set	44	–	0
methamidophos	whole	0.01	not set	44	–	0
methidathion	whole	0.01	0.1	44	0	0
methiocarb	whole	0.01	not set	44	–	0
methomyl	whole	0.01	1	44	0	0
methoprene	whole	0.01	not set	44	–	0
methoxychlor	whole	0.01	not set	44	–	0
methoxyfenozide	whole	0.01	not set	44	–	0
mevinphos	whole	0.01	not set	44	–	0
monocrotophos	whole	0.01	not set	44	–	0
omethoate	whole	0.01	0.1	44	0	0
parathion	whole	0.01	not set	44	–	0
parathion–methyl	whole	0.01	not set	44	–	0
permethrin	whole	0.01	0.1	44	0	0
phenothrin	whole	0.01	not set	44	–	0
phorate	whole	0.01	not set	44	–	0
phosmet	whole	0.01	not set	44	–	0
piperonyl butoxide	whole	0.01	8	44	0	0
pirimicarb	whole	0.01	0.02	44	0	0
pirimiphos–methyl	whole	0.01	not set	44	–	0
profenofos	whole	0.01	not set	44	–	0
propargite	whole	0.01	not set	44	–	0
prothiofos	whole	0.01	not set	44	–	0
pymetrozine	whole	0.01	not set	44	–	0
pyrethrins	whole	0.01	1	44	0	0
pyriproxyfen	whole	0.01	not set	44	–	0
spinetoram	whole	0.01	0.01	44	0	0
spinosad	whole	0.01	0.01	44	0	0
spirotetramat	whole	0.01	not set	44	–	0
sulfoxaflor	whole	0.01	not set	44	–	0
tau–fluvalinate	whole	0.01	not set	44	–	0
tebufenozide	whole	0.01	not set	44	–	0
tebufenpyrad	whole	0.01	not set	44	–	0
terbufos	whole	0.01	not set	44	–	0
tetradifon	whole	0.01	not set	44	–	0
thiacloprid	whole	0.01	not set	44	–	0
thiamethoxam	whole	0.01	not set	44	–	0
thiodicarb	whole	0.01	0.1	44	0	0
triazofos	whole	0.01	not set	44	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
trichlorfon	whole	0.01	0.2	44	0	0
triflumuron	whole	0.01	not set	44	–	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	44	–	0
chlordane	whole	0.01	0.02	44	0	0
DDT	whole	0.01	1	44	0	0
endrin	whole	0.01	not set	44	–	0
HCB (hexachlorobenzene)	whole	0.01	not set	44	–	0
HCH (or BHC)	whole	0.01	not set	44	–	0
heptachlor	whole	0.01	0.05	44	0	0
lindane (gamma-HCH)	whole	0.01	2	44	0	0
mirex	whole	0.01	not set	44	–	0

Table 5 Fumigants

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
phosphine	whole	0.005	0.01	6	0	0