Australian Government
Department of Agriculture and Water Resources

Lupin residue testing annual datasets 2017–18

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
azoxystrobin	whole	0.01	not set	69	–	0
benalaxyl	whole	0.01	not set	69	–	0
bitertanol	whole	0.01	not set	69	–	0
boscalid	whole	0.01	0.5	69	0	0
bupirimate	whole	0.01	not set	69	–	0
captafol	whole	0.02	not set	69	–	0
captan	whole	0.01	not set	69	–	0
carbendazim	whole	0.01	0.5	69	0	0
chlorothalonil	whole	0.01	3	69	0	0
cyproconazole	whole	0.01	0.07	69	0	0
cyprodinil	whole	0.01	not set	69	–	0
difenoconazole	whole	0.01	not set	69	–	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph (sum of E and Z isomers)	whole	0.01	not set	69	–	0
dithianon	whole	0.01	not set	69	–	0
dodine	whole	0.01	not set	69	–	0
epoxiconazole	whole	0.01	not set	69	–	0
etridiazole	whole	0.01	0.2	69	0	0
fenarimol	whole	0.01	not set	69	–	0
fenhexamid	whole	0.01	not set	69	–	0
fluazinam	whole	0.01	not set	69	–	0
fludioxonil	whole	0.01	not set	69	–	0
fluquinconazole	whole	0.01	not set	69	–	0
flusilazole	whole	0.01	not set	69	–	0
flutriafol	whole	0.01	0.05	69	0	0
fluxapyroxad	whole	0.01	0.1	69	0	0
hexaconazole	whole	0.01	not set	69	–	0
imazalil	whole	0.01	not set	69	–	0
ipconazole	whole	0.01	not set	69	–	0
iprodione	whole	0.01	0.1	69	0	0
kresoxim-methyl	whole	0.01	not set	69	–	0
metalaxyl	whole	0.01	not set	69	–	1
myclobutanil	whole	0.01	not set	69	–	0
oxadixyl	whole	0.01	not set	69	–	0
penconazole	whole	0.01	not set	69	–	0
prochloraz	whole	0.01	not set	69	–	0
procymidone	whole	0.01	0.01	69	0	0
propiconazole	whole	0.01	0.3	69	0	0
prothioconazole	whole	0.01	0.7	69	0	0
pyraclostrobin	whole	0.01	not set	69	–	0
pyrimethanil	whole	0.01	not set	69	–	0
quinoxyfen	whole	0.01	not set	69	–	0
spiroxamine-P	whole	0.01	not set	69	–	0
tebuconazole	whole	0.01	1	69	0	0
thiabendazole-P	whole	0.01	not set	69	–	0
tolclofos methyl	whole	0.01	not set	69	–	0
triadimefon	whole	0.01	not set	69	–	0
triadimenol	whole	0.01	not set	69	–	0
trifloxystrobin	whole	0.01	not set	69	–	0
triticonazole	whole	0.01	not set	69	–	0
vinclozolin	whole	0.01	not set	69	–	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	0.01	not set	69	–	0
2,4-D	whole	0.01	0.05	69	0	0
amitrole	whole	0.01	0.01	13	0	0
atrazine	whole	0.01	0.02	69	0	0
bromacil	whole	0.01	not set	69	–	0
bromoxynil	whole	0.01	not set	69	–	0
carfentrazone-ethyl	whole	0.01	not set	69	–	0
chlorpropham	whole	0.01	not set	69	–	0
chlorsulfuron	whole	0.01	not set	69	–	0
chlorthal-dimethyl	whole	0.01	not set	69	–	0
clethodim (parent only)	whole	0.01	0.2	69	0	0
clodinafop-propargyl	whole	0.01	not set	69	–	0
clopyralid	whole	0.01	not set	69	–	0
cyanazine	whole	0.01	0.01	69	0	0
dicamba	whole	0.01	not set	69	–	0
dichlobenil	whole	0.01	not set	69	–	0
dichlorprop-P	whole	0.01	not set	69	–	0
diclofop-methyl	whole	0.01	0.1	13	0	0
diflufenican	whole	0.01	0.05	69	0	0
diquat	whole	0.01	1	13	0	0
diuron	whole	0.01	0.05	69	0	0
ethofumesate	whole	0.01	not set	69	–	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	69	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	69	–	0
imazapic	whole	0.01	not set	69	–	0
imazapyr	whole	0.01	not set	69	–	0
imazaquin	whole	0.01	not set	69	–	0
imazethapyr	whole	0.01	0.1	69	0	0
iodosulfuron-methyl	whole	0.01	not set	69	–	0
ioxynil	whole	0.01	not set	69	–	0
isoxaben	whole	0.01	not set	69	–	0
linuron	whole	0.01	not set	69	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	69	–	0
methabenzthiazuron	whole	0.01	not set	69	–	0
metolachlor	whole	0.01	0.01	69	0	0
metosulam	whole	0.01	0.02	69	0	0
metribuzin	whole	0.01	0.01	69	0	0
metsulfuron-methyl	whole	0.01	not set	69	–	0
napropamide	whole	0.01	not set	69	–	0
norflurazon	whole	0.01	not set	69	–	0
oryzalin	whole	0.01	not set	69	–	0
oxyfluorfen	whole	0.01	not set	69	–	0
paraquat	whole	0.01	1	13	0	0
pendimethalin	whole	0.01	0.05	69	0	0
picloram	whole	0.01	not set	69	–	0
propachlor	whole	0.01	not set	69	–	0
propyzamide	whole	0.01	0.01	69	0	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	0.2	69	0	0
sethoxydim	whole	0.01	0.2	69	0	0
simazine	whole	0.01	0.05	69	0	0
tralkoxydim	whole	0.01	not set	69	–	0
triasulfuron	whole	0.01	not set	69	–	0
triclopyr	whole	0.01	not set	69	–	0
trifluralin	whole	0.01	0.05	69	0	0

Table 3 Insecticides

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
abamectin	whole	0.01	not set	69	–	0
emamectin	whole	0.01	0.01	69	0	0
acephate	whole	0.01	not set	69	–	0
acetamiprid-P	whole	0.01	not set	69	–	0
aldicarb	whole	0.01	not set	69	–	0
amitraz	whole	0.01	not set	69	–	0
azamethiphos	whole	0.01	not set	69	–	0
azinphos-methyl	whole	0.01	not set	69	–	0
bifenazate	whole	0.01	not set	69	–	0
bifenthrin	whole	0.01	0.02	69	0	0
bioresmethrin	whole	0.01	not set	69	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
buprofezin	whole	0.01	not set	69	–	0
cadusafos	whole	0.01	not set	69	–	0
carbaryl	whole	0.01	0.1	69	0	0
carbofuran	whole	0.01	not set	69	–	0
chlorantraniliprole	whole	0.01	0.07	69	0	0
chlorfenapyr	whole	0.01	not set	69	–	0
chlorfenvinphos (sum of isomers)	whole	0.01	not set	69	–	0
chlorpyrifos	whole	0.01	not set	69	–	0
chlorpyrifos-methyl	whole	0.01	0.15	69	0	0
clofentezine	whole	0.01	not set	69	–	0
clothianidin	whole	0.01	not set	69	–	0
cyfluthrin (sum of isomers)	whole	0.01	0.5	69	0	0
cyhalothrin (sum of isomers)	whole	0.01	0.2	69	0	0
cypermethrin (sum of isomers)	whole	0.01	0.01	69	0	0
deltamethrin	whole	0.01	0.1	69	0	0
diafenthiuron	whole	0.01	not set	69	–	0
diazinon	whole	0.01	0.7	69	0	0
dichlorvos	whole	0.01	0.01	69	0	0
dicofol	whole	0.01	not set	69	–	0
diflubenzuron	whole	0.01	not set	69	–	0
dimethoate	whole	0.01	0.5	69	0	0
disulfoton	whole	0.01	not set	69	–	0
esfenvalerate	whole	0.01	0.5	69	0	0
ethion	whole	0.01	not set	69	–	0
ethoprophos	whole	0.005	not set	69	–	0
etoxazole	whole	0.01	not set	69	–	0
fenamiphos	whole	0.01	not set	69	–	0
fenbutatin oxide	whole	0.01	not set	69	–	0
fenitrothion	whole	0.01	0.1	69	0	0
fenoxycarb	whole	0.01	not set	69	–	0
fenpyroximate	whole	0.01	not set	69	–	0
fenthion	whole	0.01	not set	69	–	0
fenvalerate (sum of isomers)	whole	0.01	0.5	69	0	0
fipronil	whole	0.002	not set	69	–	0
hexythiazox	whole	0.01	not set	69	–	0
imidacloprid	whole	0.01	0.2	69	0	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
indoxacarb	whole	0.01	0.2	69	0	0
malathion (maldison)	whole	0.01	2	69	0	0
methacrifos	whole	0.01	not set	69	–	0
methamidophos	whole	0.01	not set	69	–	0
methidathion	whole	0.01	not set	69	–	0
methiocarb	whole	0.01	not set	69	–	0
methomyl	whole	0.01	1	69	0	0
methoprene	whole	0.01	not set	69	–	0
methoxychlor	whole	0.01	not set	69	–	0
methoxyfenozide	whole	0.01	not set	69	–	0
mevinphos	whole	0.01	not set	69	–	0
monocrotophos	whole	0.01	not set	69	–	0
omethoate	whole	0.01	0.1	69	0	0
parathion	whole	0.01	not set	69	–	0
parathion-methyl	whole	0.01	not set	69	–	0
permethrin (sum of isomers)	whole	0.01	not set	69	–	1
phenothrin (sum of isomers)	whole	0.01	not set	69	–	0
phorate	whole	0.01	not set	69	–	0
phosmet	whole	0.01	not set	69	–	0
piperonyl butoxide	whole	0.01	8	69	0	0
pirimicarb	whole	0.01	0.02	69	0	0
pirimiphos-methyl	whole	0.01	not set	69	–	0
profenofos	whole	0.01	not set	69	–	0
propargite	whole	0.01	not set	69	–	0
prothiofos	whole	0.01	not set	69	–	0
pymetrozine	whole	0.01	not set	69	–	0
pyrethrins	whole	0.01	1	69	0	0
pyriproxyfen	whole	0.01	not set	69	–	0
spinetoram	whole	0.01	0.01	69	0	0
spinosad	whole	0.01	0.01	69	0	0
spirotetramat	whole	0.01	not set	69	–	0
sulfoxaflor	whole	0.01	not set	69	–	0
tau-fluvalinate	whole	0.01	not set	69	–	0
tebufenozide	whole	0.01	not set	69	–	0
tebufenpyrad	whole	0.01	not set	69	–	0
terbufos	whole	0.01	not set	69	–	0
tetradifon	whole	0.01	not set	69	–	0
thiacloprid	whole	0.01	not set	69	–	0

Chemical	Matrix	LOR (mg/kg)	Australian standard (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
thiamethoxam	whole	0.01	not set	69	–	0
thiodicarb	whole	0.01	0.1	69	0	0
triazofos	whole	0.01	not set	69	–	0
trichlorfon	whole	0.01	0.2	69	0	0
triflumuron	whole	0.01	not set	69	–	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	not set	69	0	0
chlordane	whole	0.01	0.02	69	0	0
DDT	whole	0.01	1	69	0	0
endosulfan	whole	0.01	not set	69	0	0
endrin	whole	0.01	not set	69	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	69	0	0
HCH (BHC)	whole	0.01	not set	69	0	0
heptachlor	whole	0.01	0.05	69	0	0
lindane (gamma-HCH)	whole	0.01	2	69	0	0
mirex	whole	0.01	not set	69	0	0