Australian Government
Department of Agriculture and Water Resources

Lupin residue testing annual datasets 2014–15

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	52	0	0
benalaxyl	whole	0.01	not set	52	0	0
bitertanol	whole	0.01	not set	52	0	0
boscalid	whole	0.01	0.5	52	0	0
bupirimate	whole	0.01	not set	52	0	0
captafol	whole	0.02	not set	52	0	0
captan	whole	0.02	not set	52	0	0
carbendazim	whole	0.01	0.5	52	0	0
chlorothalonil	whole	0.01	3	52	0	0
cyproconazole	whole	0.01	not set	52	0	0
cyprodinil	whole	0.01	not set	52	0	0
difenoconazole	whole	0.01	not set	52	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
dimethomorph	whole	0.01	not set	52	0	0
dithianon	whole	0.01	not set	52	0	0
dodine	whole	0.01	not set	52	0	0
epoxiconazole	whole	0.01	not set	52	0	0
etridiazole	whole	0.01	0.2	52	0	0
fenarimol	whole	0.01	not set	52	0	0
fenhexamid	whole	0.01	not set	52	0	0
fluazinam	whole	0.01	not set	52	0	0
fludioxonil	whole	0.01	not set	52	0	0
fluquinconazole	whole	0.01	not set	52	0	0
flusilazole	whole	0.01	not set	52	0	0
flutriafol	whole	0.01	not set	52	0	1
fluxapyroxad	whole	0.01	0.1	52	0	0
hexaconazole	whole	0.01	not set	52	0	0
imazalil	whole	0.01	not set	52	0	0
ipconazole	whole	0.01	not set	52	0	0
iprodione	whole	0.01	0.1	52	0	0
kresoxim-methyl	whole	0.01	not set	52	0	0
metalaxyl	whole	0.01	not set	52	0	0
myclobutanil	whole	0.01	not set	52	0	0
oxadixyl	whole	0.01	not set	52	0	0
penconazole	whole	0.01	not set	52	0	0
prochloraz	whole	0.01	not set	52	0	0
procymidone	whole	0.01	0.01	52	0	0
propiconazole	whole	0.01	not set	52	0	0
prothioconazole	whole	0.01	0.1	52	0	0
pyraclostrobin	whole	0.01	not set	52	0	0
pyrimethanil	whole	0.01	not set	52	0	0
spiroxamine	whole	0.01	not set	52	0	0
tebuconazole	whole	0.01	not set	52	0	0
thiabendazole	whole	0.01	not set	52	0	0
tolclofos methyl	whole	0.01	not set	52	0	0
triadimefon	whole	0.01	not set	52	0	0
triadimenol	whole	0.01	not set	52	0	0
trifloxystrobin	whole	0.01	not set	52	0	0
triticonazole	whole	0.01	not set	52	0	0
vinclozolin	whole	0.01	not set	52	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	0.01	not set	52	0	0
2,4-D	whole	0.01	0.05	52	0	0
amitrole	whole	0.01	0.01	10	0	0
atrazine	whole	0.01	0.02	52	0	0
bromacil	whole	0.01	not set	52	0	0
bromoxynil	whole	0.01	not set	52	0	0
carfentrazone-ethyl	whole	0.01	not set	52	0	0
chlorpropham	whole	0.01	not set	52	0	0
chlorsulfuron	whole	0.01	not set	52	0	0
chlorthal-dimethyl	whole	0.01	not set	52	0	0
clethodim	whole	0.01	0.2	52	0	0
clodinafop-propargyl	whole	0.01	not set	52	0	0
clopyralid	whole	0.01	not set	52	0	0
cyanazine	whole	0.01	0.01	52	0	0
dicamba	whole	0.01	not set	52	0	0
dichlobenil	whole	0.01	not set	52	0	0
dichlorprop-P	whole	0.01	not set	52	0	0
diclofop-methyl	whole	0.01	0.1	10	0	0
diflufenican	whole	0.01	0.05	52	0	0
diquat	whole	0.01	1	10	0	0
diuron	whole	0.01	0.05	52	0	0
ethofumesate	whole	0.01	not set	52	0	0
fenoxaprop-ethyl	whole	0.01	not set	10	0	0
flamprop-M-methyl	whole	0.01	0.05	10	0	0
fluazifop-p-butyl	whole	0.01	0.1	10	0	0
flumetsulam	whole	0.01	0.05	2	0	0
glufosinate	whole	0.01	not set	10	0	0
glyphosate	whole	0.01	5	10	0	0
haloxyfop	whole	0.01	0.1	10	0	0
imazamox	whole	0.01	not set	52	0	0
imazapic	whole	0.01	not set	52	0	0
imazapyr	whole	0.01	not set	52	0	0
imazaquin	whole	0.01	not set	52	0	0
imazethapyr	whole	0.01	0.1	52	0	0
iodosulfuron-methyl	whole	0.01	not set	52	0	0
ioxynil	whole	0.01	not set	52	0	0
isoxaben	whole	0.01	not set	52	0	0
linuron	whole	0.01	not set	52	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
MCPA	whole	0.01	not set	52	0	0
methabenthiazuron	whole	0.01	not set	52	0	0
metolachlor	whole	0.01	0.01	52	0	0
metosulam	whole	0.01	0.02	52	0	0
metribuzin	whole	0.01	0.01	52	0	0
metsulfuron-methyl	whole	0.01	not set	52	0	0
napropamide	whole	0.01	not set	52	0	0
norflurazon	whole	0.01	not set	52	0	0
oryzalin	whole	0.01	not set	52	0	0
oxyfluorfen	whole	0.01	not set	52	0	0
paraquat	whole	0.01	1	10	0	0
pendimethalin	whole	0.01	0.05	52	0	0
picloram	whole	0.01	not set	52	0	0
propachlor	whole	0.01	not set	52	0	0
quizalofop-ethyl	whole	0.01	0.2	10	0	0
quizalofop-P-tefuryl	whole	0.01	0.2	10	0	0
sethoxydim	whole	0.01	0.2	52	0	0
simazine	whole	0.01	0.05	52	0	0
tralkoxydim	whole	0.01	not set	52	0	0
triasulfuron	whole	0.01	not set	52	0	0
triclopyr	whole	0.01	not set	52	0	0
trifluralin	whole	0.01	0.05	52	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	52	0	0
acephate	whole	0.01	not set	52	0	0
acetamiprid	whole	0.01	not set	52	0	0
aldicarb	whole	0.01	not set	52	0	0
amitraz	whole	0.01	not set	52	0	0
azamethiphos	whole	0.01	not set	52	0	0
azinphos-methyl	whole	0.01	not set	52	0	0
bifenazate	whole	0.01	not set	52	0	0
bifenthrin	whole	0.01	0.02	52	0	0
bioresmethrin	whole	0.01	not set	52	0	0
buprofezin	whole	0.01	not set	52	0	0
cadusafos	whole	0.01	not set	52	0	0
carbaryl	whole	0.01	0.1	52	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
carbofuran	whole	0.01	not set	52	0	0
chlorantraniliprole	whole	0.01	0.01	52	0	0
chlorfenapyr	whole	0.01	not set	52	0	0
chlorfenvinphos	whole	0.01	not set	52	0	0
chlorpyrifos	whole	0.01	0.01	52	0	0
chlorpyrifos-methyl	whole	0.01	10	52	0	0
clofentezine	whole	0.01	not set	52	0	0
clothianidin	whole	0.01	not set	52	0	0
cyfluthrin	whole	0.01	0.5	52	0	0
cyhalothrin	whole	0.01	0.2	52	0	0
cypermethrin	whole	0.01	0.01	52	0	0
deltamethrin	whole	0.01	0.1	52	0	0
diafenthiuron	whole	0.01	not set	52	0	0
diazinon	whole	0.01	0.7	52	0	0
dichlorvos	whole	0.01	0.5	52	0	0
dicofol	whole	0.01	not set	52	0	0
diflubenzuron	whole	0.01	not set	52	0	0
dimethoate	whole	0.01	0.5	52	0	0
disulfoton	whole	0.01	not set	52	0	0
emamectin	whole	0.01	0.01	52	0	0
endosulfan	whole	0.01	not set	52	0	0
esfenvalerate	whole	0.01	0.5	52	0	0
ethion	whole	0.01	not set	52	0	0
ethoprophos	whole	0.005	not set	52	0	0
etoxazole	whole	0.01	not set	52	0	0
fenamiphos	whole	0.01	not set	52	0	0
fenbutatin oxide	whole	0.01	not set	52	0	0
fenitrothion	whole	0.01	0.1	52	0	0
fenoxycarb	whole	0.01	not set	52	0	0
fenpyroximate	whole	0.01	not set	52	0	0
fenthion	whole	0.01	not set	52	0	0
fenvalerate	whole	0.01	0.5	52	0	0
fipronil	whole	0.005	not set	52	0	0
hexythiazox	whole	0.01	not set	52	0	0
imidacloprid	whole	0.01	0.2	52	0	0
indoxacarb	whole	0.01	0.2	52	0	0
malathion (maldison)	whole	0.01	2	52	0	0
methacrifos	whole	0.01	not set	52	0	0
methamidophos	whole	0.01	0.5	52	0	0

Chemical	Matrix	LOR (mg/kg)	MRL (mg/kg)	No. of samples tested	> ½ MRL to ≤ MRL	> MRL
methidathion	whole	0.01	0.1	52	0	0
methiocarb	whole	0.01	not set	52	0	0
methomyl	whole	0.01	1	52	0	0
methoprene	whole	0.01	not set	52	0	0
methoxychlor	whole	0.01	not set	52	0	0
methoxyfenozide	whole	0.01	not set	52	0	0
mevinphos	whole	0.01	not set	52	0	0
monocrotophos	whole	0.01	not set	52	0	0
omethoate	whole	0.01	0.1	52	0	0
parathion	whole	0.01	not set	52	0	0
parathion-methyl	whole	0.01	not set	52	0	0
permethrin	whole	0.01	0.1	52	0	0
phenothrin	whole	0.01	not set	52	0	0
phorate	whole	0.01	not set	52	0	0
phosmet	whole	0.01	not set	52	0	0
piperonyl butoxide	whole	0.01	8	52	0	0
pirimicarb	whole	0.01	0.01	52	0	0
pirimiphos-methyl	whole	0.01	not set	52	0	0
profenofos	whole	0.01	not set	52	0	0
propargite	whole	0.01	not set	52	0	0
prothiofos	whole	0.01	not set	52	0	0
pymetrozine	whole	0.01	not set	52	0	0
pyrethrins	whole	0.01	1	52	0	0
pyriproxyfen	whole	0.01	not set	52	0	0
spinetoram	whole	0.01	not set	52	0	0
spinosad	whole	0.01	0.01	52	0	0
spirotetramat	whole	0.01	not set	52	0	0
sulfoxaflor	whole	0.01	not set	21	0	0
tau-fluvalinate	whole	0.01	not set	52	0	0
tebufenozide	whole	0.01	not set	52	0	0
tebufenpyrad	whole	0.01	not set	52	0	0
terbufos	whole	0.01	not set	52	0	0
tetradifon	whole	0.01	not set	52	0	0
thiacloprid	whole	0.01	not set	52	0	0
thiamethoxam	whole	0.01	not set	52	0	0
thiodicarb	whole	0.01	0.1	52	0	0
triazofos	whole	0.01	not set	52	0	0
trichlorfon	whole	0.01	0.2	52	0	0
triflumuron	whole	0.01	not set	52	0	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	52	0	0
chlordane	whole	0.01	0.02	52	0	0
DDT	whole	0.01	1	52	0	0
endrin	whole	0.01	not set	52	0	0
HCB (hexachlorobenzene)	whole	0.01	not set	52	0	0
HCH (or BHC)	whole	0.01	not set	52	0	0
heptachlor	whole	0.01	0.05	52	0	0
lindane (gamma-HCH)	whole	0.01	2	52	0	0
mirex	whole	0.01	not set	52	0	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